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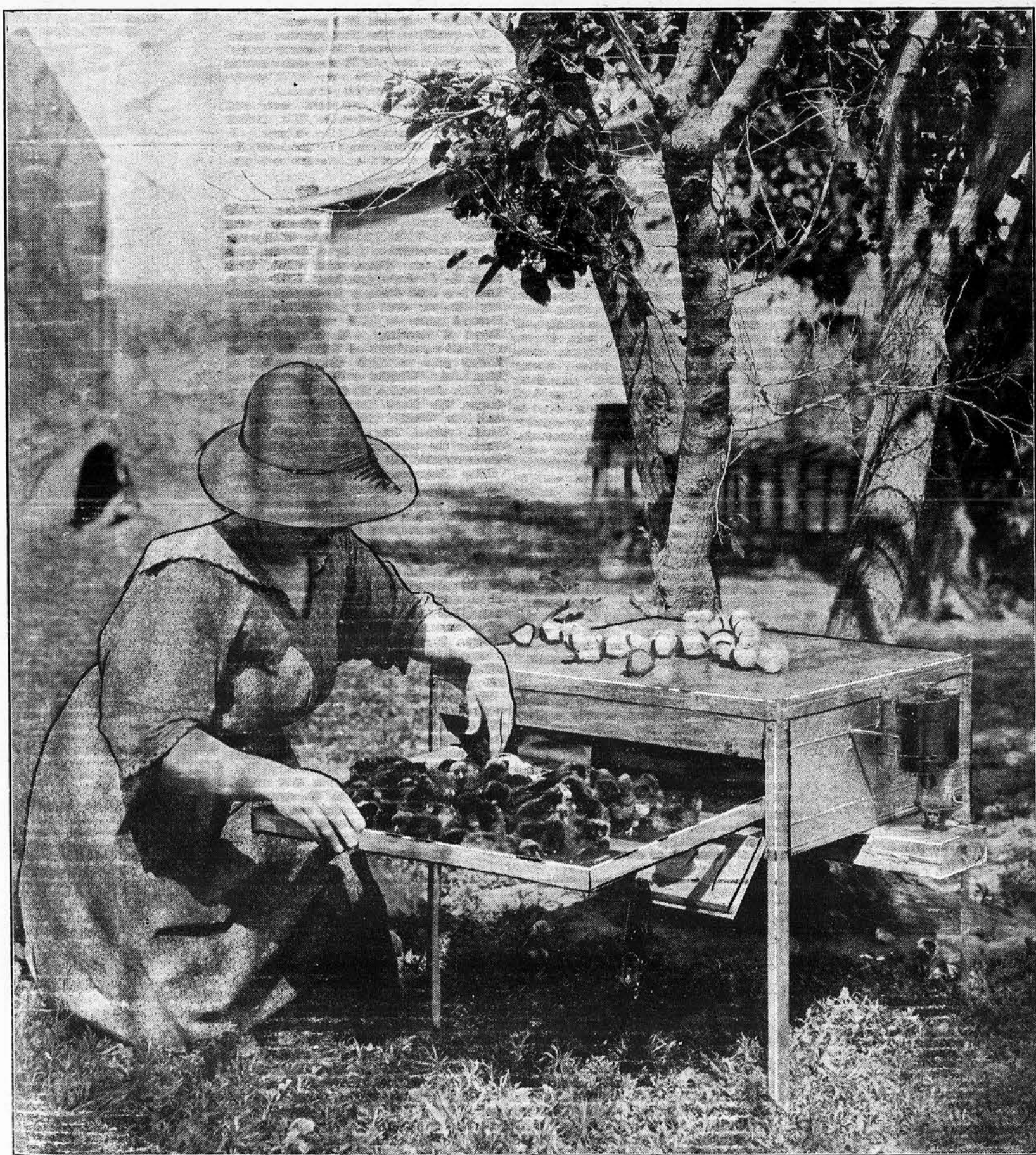
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KANSAS FARMER AND MAIL & BREEZE

Volume 60

April 22, 1922

Number 16



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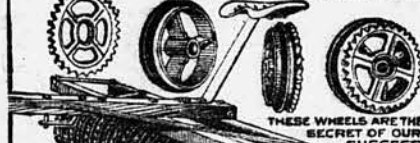
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SEE YOUR DEALER

Proving Profit in Poultry

White Leghorns Win in Egg Laying Contest

BY HARLO V. MELLQUIST



Home of the E. H. Thompson Flock of White Leghorns Which Won First Prize in the Rice County Egg Laying Contest This Spring

IT ISN'T so much the breed as the way a flock of any breed is handled, mated, fed and housed that counts in egg production. That fact was brought out strongly in the three months' egg laying contest between farm flocks that recently closed in Rice county. Rhode Island Reds and White Leghorns ran neck and neck in the race for high production, with Leghorns having a slight advantage. The interesting fact is that the heavier birds, under good care and with proper feeding, kept extremely close to their more lively sisters that are noted for their foraging proclivities.

Forty-two Flocks Entered

The egg laying contest in which 42 farm flocks entered and 32 finished, proved in a concrete way that carefully selected flocks, proper housing, culling, careful mating and system in hatching, are vital factors in the poultry business, whether it be conducted by a breeder or on the average farm.

Every contestant kept a complete record on his flock from January 1 to April 1. He knew how many eggs were produced, how much his feed cost, the quantity fed and the condition of his poultry house, so he was able to judge for himself what factors were important and why he placed where he did in the contest. If he was near the top he knew why his hens had been good producers; if he was close to the bottom of the list, he was equally well informed by his own records, compared with records of other contestants, as to the reason.

The purpose of the contest was to stimulate interest in raising better poultry on the average farm, to demonstrate the value of purebred chickens, to encourage the feeding of superior rations and to interest farmers in culling their flocks, thereby eliminating unprofitable hens.

Contestants were required to report to W. B. Adair, county agent, every two weeks and to submit a final report giving complete details of what the flock accomplished and how it was cared for during the three months' period.

Winners were chosen on the percentage basis. If every hen in a flock laid an egg every day of the contest the flock would have a 100 per cent record. The winning flock made a percentage of 61.54.

Three rations were suggested by the county agent for use by contestants, all designed to give good results in egg production. His favorite ration is the following:

Mash consisting of 100 pounds of bran, 100 pounds of shorts, 100 pounds

of corn chop, 100 pounds of meat scrap or high grade tankage, 5 pounds of charcoal and 1 pound of salt.

Scratch feed: Forty per cent corn, 25 per cent wheat, 25 per cent kafir and 10 per cent oats.

If plenty of sour milk is available the meat scrap portion of the mash should be reduced 50 per cent.

To condition the flock at the beginning of the contest the county agent suggested a dose of Epsom salts mixed in the mash at the rate of 1 tablespoon to every gallon of mash.

For green feed sprouted oats and silage were recommended. Mr. Adair said that chickens like silage. It should be thrown on the floor of the house or scattered on the ground outside.

Wins Prize of \$50

The winning flock consisting of 100 Single Comb White Leghorns was owned by E. H. Thompson of Lyons. It was awarded a prize of \$50 in cash by the Lyons Commercial Club. This flock in 90 days produced 5,539 eggs. One hen died during the contest, making the per cent of production 61.54. Second prize of \$25 went to L. D. Boyd of Sterling with a percentage of 59.08 on a flock of White Leghorns. Third prize of \$10 was awarded to Mrs. John Wright with a percentage of 55.8. She had a flock of White Langshans. The Boyd flock laid 9,797 eggs and the Wright flock 12,269. Boyd's flock varied from 182 to 174 hens during the contest, and Mrs. Wright's flock totaled 250.

The Thompson flock has been carefully culled for four years. It is comfortably housed altho the quarters are no better than easily and economically may be constructed on the average farm. The house is frame covered with tar paper. It is well lighted and ventilated and is kept clean.

The ration fed to this flock consisted of a mash containing 150 pounds of bran, 100 pounds of shorts, 150 pounds of cornmeal, 100 pounds of meat scraps, 35 pounds of granulated bone, a small quantity of oilmeal, a little alfalfa meal and 1 pound of salt to 100 pounds of the mash.

Buttermilk, made from powdered buttermilk, was kept before the hens all the time. Alfalfa leaves were fed in a hopper in the poultry house, being substituted for the alfalfa meal in the mash.

During cold weather a hot mash was fed. It consisted of the same ingredients as the dry mash except that it was mixed with hot buttermilk. A quantity that the birds would clean

(Continued on Page 19)

Silage Blower and More Milk

HEAT and flies are most potent in reducing milk production during summer months. On the average farm they constitute a serious problem and often result in more or less loss.

Henry Eschmann of McPherson, who made more money in 1921 than in any previous year from his farm and dairy herd, has worked out a plan that he believes will solve the heat and fly problem in his barn.

A worn out ensilage cutter will supply the mechanism. Eschmann plans to mount the blower on the wall at one end of his barn, hook it up with a gasoline engine and create a strong current of air thru the barn above the cows' backs at milking time. This is counted on to keep the cows comfortably cool and to drive away the flies. The greater milk production obtained in all probability will far more than pay for the gasoline used in running the engine and the cows will be more thrifty if protected from flies. Eschmann thinks he can make the installation for \$5 or less.

DR. HESS Instant Louse Killer Kills Lice on Poultry and Stock

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KANSAS FARMER and MAIL & BREEZE

April 22, 1922

By *Arthur Capper*

Vol. 60 No. 16

Losing \$1,200,000 a Year

Failure to Improve Quality of Cream Produced is Proving Expensive to Kansas Dairymen and is Helping Foreign Competitors "Steal" the Market

By John R. Lenray

Coal Oil and Gasoline Cream

CREAM cans are mighty handy containers for coal oil or gasoline. They frequently are used to haul this stove and engine fuel to the farms. But the practice is a bit costly to the dairymen who follow it. A large part of the No. 2 cream marketed in Kansas is graded down because it contains gasoline or coal oil odors which cannot be gotten out. Coal oil cream, as it is called, cannot be made into good butter. The safest way for dairymen to avoid this loss is not to put coal oil or gasoline in cream cans. If they do use them for that purpose, the cream cans should be washed with boiling water and thoroughly sterilized. Warm water will not take the coal oil odor out. Just a trace of oil will ruin a can of cream. Coal oil cream costs the man who sells it from 2 to 5 cents a pound.

months has been from 5 to 8 cents a pound lower than if no butter had been imported and this loss should have gone into the pockets of the dairymen.

In the last eight months probably half of the annual Kansas cream production has been sold, around 25 million pounds. If there had been no foreign competition it is estimated dairymen would have received around 6 cents more a pound for it than they got, or a total of 1½ million dollars.

Butter imported from Denmark, especially, is of a little better quality than that produced in Kansas, be-

cause the cream from which it is made is more carefully graded and handled. It has a better flavor, keeps more successfully and is preferred by discriminating buyers. It sells in preference to Kansas and United States butter in general in the big consuming markets.

Danish butter can be laid down in New York cheaper than butter can be freighted from Kansas so the only way Kansas dairymen have of holding their market is to compete with imports in quality of product. The present tariff wall will not bar foreign butter because of the very favorable exchange

situation. The Dane who sells butter in New York on a par with American butter or for a cent or two less a pound, makes a big profit when he changes his credit into the coin of his homeland.

New Zealand, Australia, Holland and Argentina, as well as Denmark, are competing with Kansas dairymen in the butter market and will continue to compete because of the exchange situation, if for no other reason. But if Kansas farmers can produce higher quality cream, the creameries will be able to meet that competition with a superior grade of butter and hold the trade.

According to J. J. Corkill of the Beatrice Creamery Company of Topeka, the United States is producing all the butter the population will consume and there is no need for imports. That is why receipt of foreign butter so quickly affects the price to the detriment of the American producer and why it is so vital to his interest that he improve the quality of his cream.

Losses Lurk in Separators

When it comes from the cow, cream in the milk is of No. 1 quality, provided, of course, that the cow is all right. It is clean, and sweet and pure. It is just the sort of cream out of which extra special butter, the kind that draws a premium, is made.

If that cream eventually is sold as just passable No. 1 or as No. 2, no one but the man who handles it is to blame. The job of keeping the cream close to its milking-time standard, relatively is simple and inexpensive. It does not require much time but a system is necessary along with knowledge of the things that cause loss of quality.

Seventy per cent of poor cream is caused by dirty separators. A separator may be washed every time it is used and still injure the cream that goes thru it. The separator and every part that comes in contact with the cream must not only be washed but scalded—sterilized with boiling water. Dirty separator bowls cause cream to sour quickly.

Cool cream keeps its quality. Any farm on which there is a well is equipped to cool cream. A tank or a couple of barrels will serve the purpose. Really no elaborate machinery is absolutely (Continued on Page 10.)



After One Has Produced Good Cream From Quality Cows, It Is Worth While to Give the Care Required to Obtain a Real Price

Gold Mining and Truck Crops

By Ray Yarnell

THERE is a certain amount of excitement in some portions of the Arkansas River Valley in Kansas over gold said to be contained in the sand. Enthusiasts say it has been found in paying quantities in some localities and there is agitation for the development of placer plants to collect it.

There may be gold in the Arkansas River Valley in its natural state in such quantities that it will pay to mine it. I do not know as to that and I am willing to leave it to mining experts to decide.

But I do know that there are riches in the Arkansas River Valley soil and sand that can be obtained much cheaper and with more certainty than any gold it contains can be removed.

There are many acres between Syracuse and the southern line of Kansas where the Arkansas crosses into Oklahoma, which produce more wealth than placer fields of the same area. More than that the wealth never will be exhausted if properly conserved.

Little equipment is needed to operate the mines I refer to, in many instances none at all. Yet the income is sure and liberal. Perhaps the operations which produce it are a bit more prosaic than mining gold but even that rather romantic occupation pales in time.

The Arkansas River Valley is an undeveloped truck-producing bonanza. Its treasure scarcely has been tapped. Some prospectors have found and developed rich strikes and are taking the cream of the profits that can be made in producing truck crops. In some localities the truck business in recent years has been developed greatly and the possibilities of this business concretely illustrated. That is true near Garden City and beyond. There farmers have reduced their acreage in many instances and devoted themselves to the production of food specialties for which always there is a good market. They are growing sweet potatoes

very successfully, tomatoes, onions, beans, and Irish potatoes as well as cantaloupes and watermelons.

But while a start has been made as a whole the valley is undeveloped and the annual production of its farms is immensely below their possibilities.

All underneath the Arkansas River Valley there is an inexhaustible supply of water. It is not far from the surface, often only a few feet. Irrigation is entirely feasible. Pumping plants today are being operated at a cost that makes possible the profitable production of all kinds of truck crops. Much alfalfa is grown on land irrigated with pumped water and if alfalfa can be produced at a profit in that way, it is a certainty that truck crops, which bring in a much greater revenue to the acre, also can be successfully grown.

When a man speaks of Rocky Ford, Colo., his hearers react in terms of cantaloupes and truck crops. In that

district the production of truck has been thoroughly developed. It is a country of fine homes, beautiful farms, almost countless motor cars, and prosperous citizens. These men have been mining the soil for many years with potatoes, melons, tomatoes, cucumbers, beans, onions, peas, turnips and other vegetables and they have been getting bigger returns, acre for acre, than have come out of rich placer fields.

In Reno county today there is much interest in irrigation and trucking. Several farmers have made good in this way and others are preparing to follow their example. As the need for greater production continues to develop, more farmers, of course, will get into this business.

One of the best arguments I know in favor of truck growing is to visit several such farms and look over the houses and equipment. Truck crops have built and paid for thousands of beautiful and comfortable country homes. And it will build a great many more within the next decade.

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 Dairying.....J. H. Frandsen
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Passing Comment—By T. A. McNeal

ONE of my friends, D. R. Coughlin, of Con-
 cordia sends me a call for a convention to
 be held at Topeka on May 4. The call is
 issued by the Cloud County Boosters Club,
 an organization of farmers of which P. J. Paulson
 is president and D. R. Coughlin is secretary.
 The object of the club as stated in the call is "to
 promote by political action such forms and poli-
 cies of government as will restore sovereignty to
 the commonwealth and wrest political control from
 professional politicians. Any man or woman whose
 chief income is from farming shall be eligible to
 membership, or any man or woman whose chief in-
 come is from wages."
 The organization does not levy any regular dues
 and is supported by voluntary contributions.

Mrs. DePue Closes the Argument

IN REPLY to Mrs. Stoughton's recent discussion
 of the Industrial Court in the Kansas Farmer
 and Mail and Breeze I have just received the
 following letter from Mrs. E. L. DePue of Moun-
 mouth, Kan.:

"You ask how anyone knows that the Industrial
 Court law is not working well? My answer is that
 I do not think it is working well because it has not
 given satisfaction to the working people involved.
 It has not stopped strikes as is very plain to be
 seen and that was the chief thing it was intended
 to do. I cannot say, hold fast unto this law, for
 I haven't seen any good it has done and it has
 been in operation for some time.

"Loyal citizens will obey laws, but that is not
 saying that they think because they obey a law that
 it is a good law.

"Many people have no conception of the condi-
 tions under which the coal miners have to work. My
 husband was a coal miner in the Kansas mines for
 15 years and I too have been down in these mines
 and know the conditions under which the men have
 to labor.

"Industrial strife has certainly caused much
 hardship and suffering, but I verily believe the In-
 dustrial Court law has only added to the trouble
 instead of diminishing it. In other words the
 remedy is worse than the disease.

"I am a native Kansan and feel that I am as
 patriotic as anyone can be. I belong to the work-
 ing class. Being a farmer's wife and mother of
 children, I not only put in 8 to 16 hours a day
 but sometimes 18. I do not uphold anyone in law-
 lessness but hope that I am broad minded enough
 not to wish to see the working people afflicted
 with this law even if it was passed by the legis-
 lature of our own Sunflower state."

The Good Old Times

THESE new fangled notions are playing hob
 with the world," said the old timer. "If the
 people would live now as we used to live they
 could save money and have more happiness."

"Yes, granddad," said the young man, "I have
 been checking up on the good old times. You
 plowed among the stumps and fought the flies and
 yellow jackets. You blistered your feet walking
 after the plow. You rode to town in a farm wagon
 without springs.

"When you had a decayed tooth and it ached
 until you couldn't stand it any longer you went to
 the nearest country doctor and he pried it out with
 an instrument of torture handed down from the
 days of the Inquisition; it was known as the 'turn
 key.' It was a combination of handspike and cant
 hook, but it could hook all right. It always
 brought the tooth and generally part of the jaw
 bone. The doctor had to tie the owner of the tooth
 down with a bed cord and then put cotton in his
 own ears in order to partly drown the cries of the
 victim.

"When you became sick the doctor had just two
 remedies, one was the blue mass pill and the other
 was to bleed you with his little lancet. One was
 just as weakening as the other. Only those blest
 with powerful constitutions could stand the ordeal.

"When you came to the dinner table in the sum-
 mer time it was a fight from start to finish with
 the flies, and the flies generally won out in the
 last round. When not more than three flies at a
 time fell into the coffee you dipped them out with
 a spoon and drank what coffee they left.

"During the winter as a matter of economy you
 ate the partly rotted apples first and as a result

you ate rotten apples all winter. You had no cold
 storage and when the last of the apples either
 rotted or were eaten up about the only thing you
 had in the way of fruit was dried apples, on which
 the flies had roosted all fall and most of the spring
 and summer.

"Nearly everybody had something the matter
 with them. Ague was so common that any person
 who didn't have it was looked upon with suspicion,
 and aside from work the regular chill afforded
 most of the people all the exercise they got. When
 a baby died of croup or fever caused by poor food
 the doctors, preachers and everybody else except
 a few unregenerated sinners laid it upon God.
 Judging from reading some of the old obituary no-
 tices one would think that God must have been
 tolerably busy killing babies.

"According to the most pious people, it was a sin
 to whistle on Sunday and billiousness was regarded
 as an indication of godliness. You hadn't a daily
 paper and outside of your own neighborhood you
 didn't know what happened until two or three
 weeks after it occurred. About the only enjoyable
 occasions you had were going to funerals and help-
 ing the neighbors to thresh grain."

Opposes Evolution

WRITING from Blue Rapids, Kan., John F.
 Rundus says:

"Mr. Editor, you have presented the Ken-
 tucky legislature affair in a way that gave the
 public a wrong conception of the case. Should
 those legislators be regarded as intolerant, fanat-
 ical bigots or are they thru and thru Americans who
 try to raise the moral standard of this glorious
 land of ours?

"Let us look at the question from these two
 points of view: First, Darwinism and evolution are
 not science at all, being scorned and rejected by
 the greatest scientists. At best they are mere
 theories, vague, indefinite, unwarranted and do
 not merit even the slightest attention, because they
 offer no definite explanation and cannot in any
 way contribute to the welfare of mankind. Huxley,
 Tyndall and Darwin frankly admitted that they
 could not offer any definite, scientific or geological
 proof in favor of evolution. Professor Virchow of
 Berlin calls the evolutionary theory nonsense, while
 great geologists like David, Agassiz and Dawson
 spurn the idea of evolution. Should we then, Mr.
 Editor, call the men who try to eliminate this
 'nonsense' from the educational institutions sup-
 ported by the state, fanatical bigots?

"If those defending such teachings in state-sup-
 ported institutions have so much faith in the ele-
 vating influences of that teaching, why not teach
 it at its own expense, for that is the way the Bible
 doctrines are propagated.

"This leads us to the next point: if the teaching
 of such theories should be paid for by the state, all
 other doctrines, theories and religions could de-
 mand the same privilege; Protestants, Catholics,
 Mohammedans, Buddhists, all could be taught at
 the expense of the state. Brother McNeal, you also
 have stated in your comment that we cannot tell
 how man originated and Mr. Miller frankly asks
 'What does it matter how man came to this world?'

"Permit me to say frankly without the slightest
 personal reference that I deeply pity a man whose
 deeper consciousness is so paralyzed, and his spiri-
 tual conceptions so stunted, that he cannot posi-
 tively state whether his designer was a supreme,
 almighty, pure and loving being constantly striving
 to purify, elevate and ennoble, or whether his great
 ancestor was a dumb, impure brute that was not
 capable of progress or achievement.

"Neither Mr. Miller nor myself nor any other mor-
 tal can be an infallible authority to specify which are
 literal and which are figurative. The past history
 of the Bible and the mighty influence it exhibits in
 the lives of men, people and nations of all ages,
 definitely attest the statements made in Genesis,
 especially the following: 'So God created man in
 His own image; in the image of God created He
 him, and man became a living soul.' And in ad-
 dition to this read Ecclesiastes 7:29: 'Lo this only
 have I found; that God hath made man upright,
 but they have sought out many inventions.'"

I have no quarrel with Mr. Rundus nor with any
 other man on the subject of evolution. I would
 have no objection at all to the study of the Bible
 in the state supported schools; in fact I am in
 favor of that and neither would there be in my

opinion any objection to the study of any of the
 other great religions he mentions. These religions
 have influenced the minds of millions of human
 beings and have played a tremendous part in the
 history of the world. I think it very proper that
 they should be studied in our colleges and univer-
 sities.

What surprises me in this communication is the
 intolerant dogmatism shown by so intelligent a
 man as Mr. Rundus. First, he declares that he
 deeply pities a man whose deeper consciousness is
 so paralyzed, and his spiritual consciousness is so
 stunted that he cannot positively state whether his
 designer was a supreme, almighty, pure and loving
 being or whether his ancestor was a dumb brute
 that was not capable of progress or achievement.

But after making this dogmatic and it seems
 to me rather intolerant statement he confesses his
 own limitations by stating that neither he nor any
 other mortal can be an infallible authority to
 specify what is literal and what is figurative, re-
 ferring to the Biblical account of creation.

No evolutionist so far as I know, pretends to say
 that evolution has discovered for a certainty the
 origin of man. If he is a true evolutionist he is
 simply seeking for the truth. I give the view set
 forth by Mr. Rundus simply because I think it fair
 that he should have a hearing, now that the matter
 has been opened up for discussion, perhaps un-
 wisely.

Light Weight Money

ALL of us agree," writes S. M. Simmons of
 Spring Hill township, "that Ford is a genius.
 Transportation, Ford declares, is not eco-
 nomically done. The carrier weighs too much. The
 car must be light. The freight cars and the loco-
 motives are much too heavy in proportion to the
 loads they convey. The flivver is ideal. That is
 his idea in regard to the transportation of weight.
 Ford now proposes to transfer this idea to the
 carriage of values. The carrier must be light in
 weight.

"According to his idea our money has too much
 weight. It should be lighter and should carry
 values as easily as the flivver carries its loads. Fiat
 money should carry the freight of the world's com-
 merce and the freighted paper leaves should again
 show us the beauty of turning the banks to cold
 storage plants wherein iceberg notes refuse to li-
 quidate. Unlimited Treasury Notes, credit bonds
 and fiats of all sorts from the Federal Reserve
 Bank relative to the issuing of credit or the with-
 holding of the same. All are of the same
 baneful par.

"Equal in financial beneficence to those old
 greenbacks that used to jump so merrily from one
 farmer to another, while the banks held the gold,
 and gold certificates. Ford's idea is fiat: A decree
 from the Financial God that operates the present
 United States money system and causes fortunes
 to blossom or to fade as the fiat flows forth from
 the throne of the 'Almighty American Dollar.'
 That's Ford's idea, subject to adoption and alter-
 ation by Congress. He is a genius. So is Edison
 and under their association and co-ordination we
 may hope to see Muscle Shoals turn into an in-
 dustrial monument for our National pride. But
 when Ford gets into the ship of state and goes
 sailing out on financial waters, we will all soon be
 swimmers in a soggy greenback sea.

"I wish my dollar to weigh a dollar in value. I
 wish the banks or the 'One Big Bank' to have a
 boss; I desire to have a big United States boss over
 it with a club, a comptroller club, and a no profit
 rule. I wish safety, sanity and surety in the money
 we use. Nothing like the flivvery stuff in it.

"I don't wish it to fly, swim nor float. I desire
 a good solid Treasury truck that will stand up
 under a big load of food. That's what this money
 system has to carry, Mr. Ford, its food. It takes
 solid freight cars, and good solid farm wagons, safe
 farm notes, and good business trucks to carry it.

"Flying machines are nice for joy riding but
 wealth doesn't ride far on the paper wings of fiat.
 Where is the financial airplane of the World War
 now? That old 'bus' took us for a grand joy ride
 in the World War but it landed with a bump. Pilot
 Mellon and W. P. G. Harding of the joy stick con-
 trol, say we'll fly again.

"Perhaps, that is possible but I don't desire any
 more hot air stuff. We wish no more inflated stuff,
 neither greenback, nor Federal Reserve Bank Book

rediscovers nor unlimited Treasury Notes. Safety, sanity and surety. Mr. Ford, are what we demand and not flivvery finance."

The fact is that we are doing business on fiat money now, only it is bank fiat instead of Government fiat. If a great prosperity, like the Muscle Shoals project is good security for interest bearing bonds I am entirely unable to understand why it is not good security for non-interest-bearing notes.

It Suits Him

WRITING from McCoy, Colo., Perry Ault says: "I wish to congratulate you on your article in 'Passing Comment,' entitled, 'The Remedy.' You said more in that one short article than all the preachers have said in the last 25 years."

"To follow that one rule would do all and many times more than you said. I have often said that if all the preachers in all the world would preach from that one verse and would say all that could be said concerning that verse, they would do more good than they are doing now. It is the key to all earthly happiness."

Worried About the Navy

I WAS expecting it. I have received a communication, almost tearful in tone, from the Navy League.

This circular informs me that the reductions in the navy proposed by Congress will cripple us and leave us at the mercy of our foes. They leave me somewhat in the dark concerning the foe. I surmise however, that either Japan or Great Britain are likely to hop upon us as soon as the weakened state of our navy is discovered.

We are not, however, in half as much danger from either Japan or Great Britain as we are from the navy clique backed up by the Congress who are interested financially in the building of more battleships.

There are also, it seems, many persons who are worried about the reduction in our army. As a matter of fact we got along very well for more than a generation with a standing army less than half as large as our regular army will be even after it is cut to the 115,000 now proposed by Congress as the limit.

The chances are that 10 or 15 years from now all of our naval vessels will be obsolete and utterly useless in case of actual warfare, so far as our army is concerned. Certainly 115,000 soldiers are many more than we need in time of peace and no where near enough in case we get into war with any first class power.

We will in that event have to depend on either volunteers or drafted men and may as well save 75 million dollars a year by cutting the army down from 115,000 to 75,000. Then distribute 30,000 to 40,000 of these regulars among the various states for police protection, make them subject to the orders of the governors in case of riots and do away with the national guard. That would effect a saving of several millions more.

Farmers' Service Corner

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

Selling Mortgaged Property

In November, 1920 B borrowed money from A and gave security on a sewing machine, the note to run for 90 days. B failed to pay the money. A gave him six months more and again he failed to pay. Has A the right to sell the machine or claim it as his property? E. A.

If B gave A a chattel mortgage on the machine to secure the debt, A had the right to take possession of the machine as soon as the debt became due and was not paid. In fact he had a right even before that unless there was a stipulation in the chattel mortgage that the mortgagor should retain possession of it.

Mother's Pension

I am a widow. My husband died on March 12 leaving me with four children, the oldest being a child 10 years old. I would like to know if there is a pension for widows in Kansas. A. W.

The legislature of 1921 amended the mothers' pension law making it obligatory upon the county commissioners to grant a pension of not to exceed \$20 a month to mothers under certain circumstances. Where the mother has no other means of support and is compelled by her labor to support the minor children under 14 years old, and is a resident of the county and has been for a period of a year, and is a woman of good moral character, she is entitled to receive this pension. It would be necessary for her to make application to the board of county commissioners and produce the proof that she fulfills the requirements of the law.

Settling An Estate

My father died leaving an estate consisting of 200 acres of land with no indebtedness. Then my mother died, neither one leaving a will. I am the only heir and of age. Is it necessary for me to do anything about this estate? Mrs. C. L.

Perhaps, it is not absolutely necessary but there are reasons I think why the estate should be administered upon. There is for example the ques-

tion of inheritance tax which should be adjusted. You are entitled to an exemption of \$15,000 but our law would require you to pay inheritance tax on the value of the estate in excess of that amount. I think it also would be better for your title to have it pass thru the probate court. The administration can be made very inexpensive and in my judgment would be of advantage to you.

Penalty for Desertion

What is the penalty for desertion from the United States army? And what would be done if the deserter gave himself up? What is the reward for capturing and turning over to the army authorities a deserter? D. S.

In time of war the penalty for desertion is death. In time of peace the deserter would be tried by a court martial and sentenced to a term of imprisonment, the length of it depending upon the will of the court martial. In recent years there has been a tendency on the part of the regular army to be more merciful and to give the deserters a chance to make good after a short imprisonment, but the old penalty has not been modified, that is, as severe a penalty might be imposed now as at any time within recent years.

I believe the ordinary reward for apprehending a deserter is \$50.

A Question of Inheritance

A and B are husband and wife. B owns all the property in her name. Can she will this property without her husband's consent so that he neither can mortgage nor sell any part for his support while he lives? B. J. M.

She cannot prevent her husband from inheriting one-half of her property. The other half she may will as she sees fit.

A rents land to B who raises a crop which was still in the shock in the fall, B being unable to remove it. Since B only rented the land for one year, A then rented the same land to C for the following year. When C finds B's crop still on the ground he hauls it off and feeds it without notifying B. Can B collect from C? A. O. R.

Yes, he can collect for this.

Income Tax on Estates

1—If I make a will dividing my property among my children would they after I die have to pay income tax? My wife is dead. 2—Are there more men in the United States than women? M. M. H.

1—Your children would not have to pay income tax unless the share of each exceeded \$15,000.

2—According to the last United States Census there were 53,900,431 males in the United States, and 51,810,180 females.

Can He Force a Settlement?

A works for B by the week but grows tired of B's continuous falsehoods and decides to leave. When it comes to settling up B refuses to pay A the money due him for weekly labor so A brings a lawsuit to recover wages but is unable to get any satisfactory action. The attorneys try to discourage him by saying B has everything mortgaged and it would be useless to try to get the money. I would like to know whether bankruptcy proceedings would be the proper way to recover the wages. E. A. J.

I presume what E. A. J. has in mind is to ask that B be forced into involuntary bankruptcy. It is true that labor would be a preferred claim in the settlement of B's indebtedness. Whether this would be of any benefit to A I cannot say. If it is true that everything B has is mortgaged up to its full value, the probability is A would get very little satisfaction out of the proceeding.

Foreclosure Proceedings

I am holding a second mortgage on a piece of land in Colorado which carries a first mortgage of \$1,500 which is due in June. Can I foreclose in order to get my money as there has been no interest paid on it this year? It reads in the contract that if the interest is not paid the mortgage can be foreclosed. H. M.

From your statements of the facts in the case there would seem to be no doubt that you have a right to begin foreclosure proceedings. Of course, your foreclosure proceedings would be subject to the first mortgage and the only way in which you could protect yourself would be to arrange to take up the first mortgage. In that case your second mortgage, of course, becomes the first mortgage.

The Best Way to Help Europe

ON THE eve of our conferences with European nations in regard to the 11½ billions of war debt they owe Uncle Sam and how it shall be refunded and paid, I happened to read a pamphlet emanating from New York's financial district which urges us to make the allied debt a perpetual trust fund to be administered by the allied governments for the benefit of the allied peoples.

This altruistic dream is not at all after the usual manner of our table-pounding hard-fisted financiers. Reading further we learn—

"This would be good business, for the United States. It would relieve Europe from the necessity of sending us 500 millions of dollars in gold annually for interest which Europe would have to pay in goods (our financiers having the world's gold supply pretty well cornered), for in sending us these goods Europe would have to underbid our

manufacturers in the home market and so would take work away from our workers."

I believe we can meet that situation, when it develops, without making Europe a present of 11 or 12 billion dollars from the pockets of American taxpayers.

If this statement had come out flatfootedly and said: "We think you ought to forgive Europe this debt. We fear if you do not she will have to pay her debt in goods and that would slow down our corporate industries and they would pay us lower dividends"—that wouldn't sound so altruistic but I think it would be a good many notches nearer the truth.

It is easy to be generous with other folks' money. In the main it was the people of the United States and not the financiers, you remember, who lent those billions to the allies during the war that the allies might buy munitions, equipment and war supplies from our own corporations, chiefly owned, or financed, by the big financiers. And how those dividends did roll in.

Now what these financiers modestly ask is that the American people who lent Europe this money, make an out-and-out contribution of these billions to the allies at an average cost of \$100 for every man, woman and child in the United States, that big business may be safeguarded from any sort of competition.

In other words, let the people pay this debt of the European governments by taxing themselves for it and so protect their financier's interests.

It scarcely seems likely that the people will see the matter in this light, and I very much question that they should.

Obligations of foreign governments to the United States, the refunding of which will be undertaken by the commission just authorized by Congress, total including overdue interest, \$11,343,194,040.90. Among the debtor nations owing us large amounts are the following: Great Britain, \$4,675,492,101.33; France, \$3,716,022,020.29; Italy, \$1,850,313,782.97; Belgium, \$420,263,907.55; Russia, \$293,160,252.01; Poland, \$148,513,053.27; Czechoslovakia, \$102,325,599.95; Serbia, \$57,210,787.01; Rumania, \$40,509,241.14; Austria, \$25,499,051.46; Estonia, \$15,694,148.42; Greece, 15 million dollars; Armenia, \$13,137,466.07; Finland, \$9,005,082.19; Cuba, \$8,147,000; Latvia, \$5,581,296.39; Lithuania, \$5,479,790.83; Hungary, \$1,837,560.82. To these must be added the smaller debtor nations like Liberia and Nicaragua that bring up the total to \$11,343,194,040.90.

Why should American farmers and wage-earners pay the 3½ billions France owes us? That France may continue to maintain 800,000 men in arms, the largest army in the world?

Why should our taxpayers pay the 148 millions that Poland owes us? To assist that country to keep an army of 600,000 men idle?

Also, ought we to tax ourselves to make Italy a present of 1,850 million dollars, in order that Italy may continue to maintain the third largest military establishment in Europe?

I think not. I shall certainly not support any such movement.

We have repaid 10 times over the debt of gratitude we owed France for what she did for us in Washington's time; and during the war and since, the old world has had no cause to complain of a lack of substantial evidence of our friendship, nor of our kindness of heart. Notwithstanding the allies seem to love us so much, judged by the conduct of their several governments, that in dividing a few billions of gold marks from Germany they ignore our bill for keeping our army on the Rhine, altho this was requested by them and the terms agreed on at the armistice.

Germany, it seems to me, is setting the rest of Europe a most valuable example at this time. Without friends and knowing it must depend on itself, Germany has resolutely turned its back on the past and gone to work with a will. As soon as our friends, the allies, find they cannot work Uncle Sam for any more beneficences, I predict they will follow in Germany's footsteps. The greatest kindness we can show to Europe at this time is not to make it any billion-dollar gifts.

What this country must demand and I believe will demand, both for its sake and for the effect it will have in compelling European governments to settle down, if not settle up, is prompt payment in future, of the interest on this foreign debt and a thorough understanding in regard to the payment of the principal.

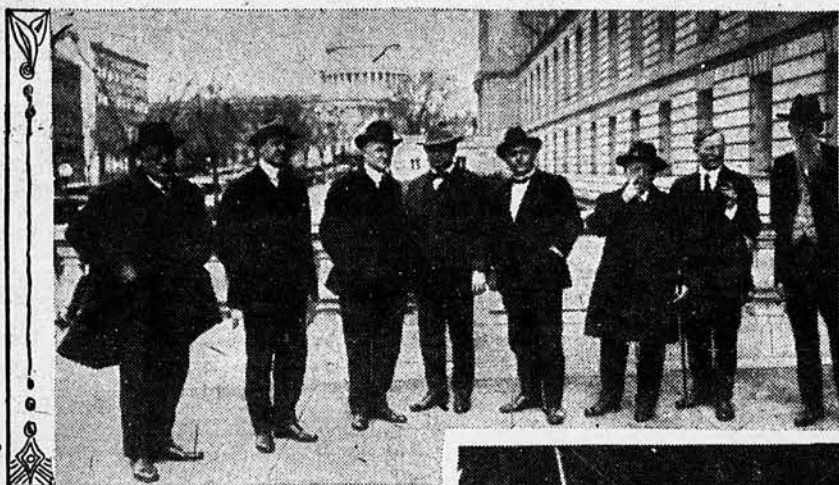
The conferences to be held with representatives of European nations in Washington this month should result in a debt-funding commission providing for these governments to issue bonds at a uniform rate of interest, the bonds to mature and be retired at stated periods, in this way extinguishing the debt by degrees. The bonds being negotiable, could be sold to private individuals as are the bonds of our own Government.

The idea that the allied governments cannot pay their debts has been exploded and here is the proof: In addition to the big war loan from Uncle Sam, these governments have floated more than 2½ billion dollars of private loans in the United States. J. P. Morgan & Company report that 1,769 millions of these loans have been paid off, reducing the total to 818 millions.

It is therefore quite evident Europe can pay, for Europe is paying. Let us hear no more nonsense about a cancellation of the foreign debt owed to the tax-payers of this country. "From every man according to his ability to every man according to his need."

Washington, D. C.

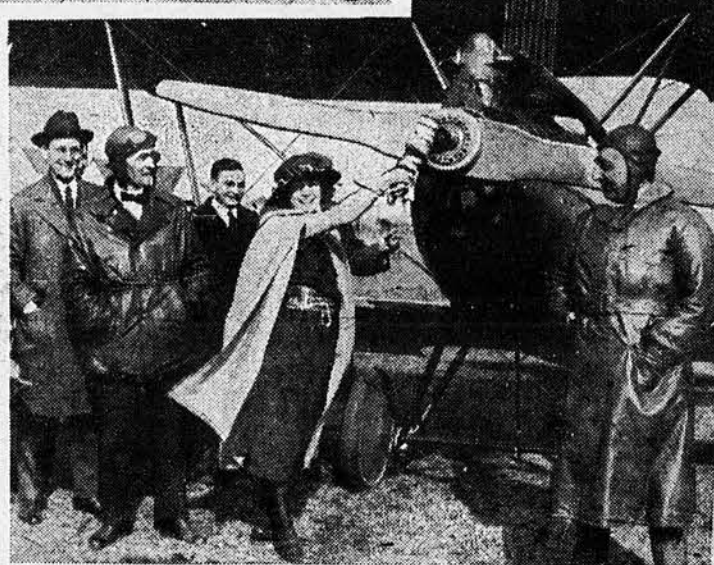
News of the World in Pictures



President John L. Lewis of United Mine Workers Tells Congress Labor Committee That Mine Owners Broke Pledge.



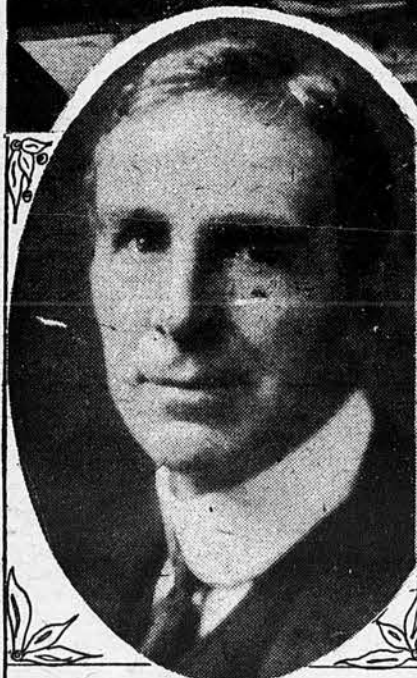
Des Lacs, a Progressive North Dakota Village Elects Women to Every Municipal Office; in This Group are Shown the Officers Chosen in Last Election.



Polar Exploration Airplane is Christened by Miss Lily Raynor Captain Roald Amundsen Stands at the Right.

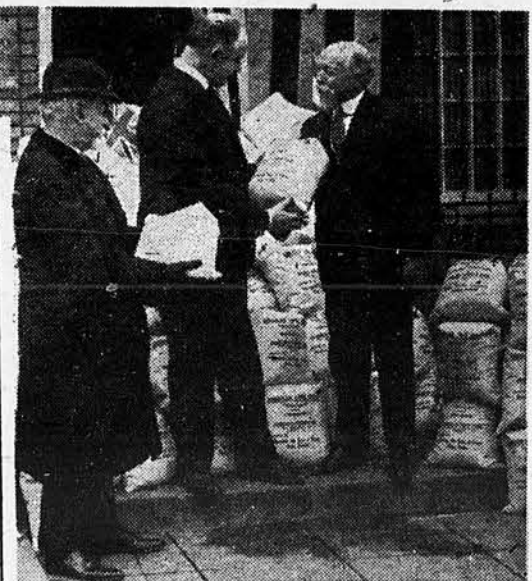


Alanson B. Houghton, First American Ambassador to Germany Since World War Closed; He is Shown Here With His Daughters, Matilda on the Left and Elizabeth Who Stands on the Right.



Portrait of Winston Churchill; He is a Noted Novelist Who is Making a Close Study of Psychology.

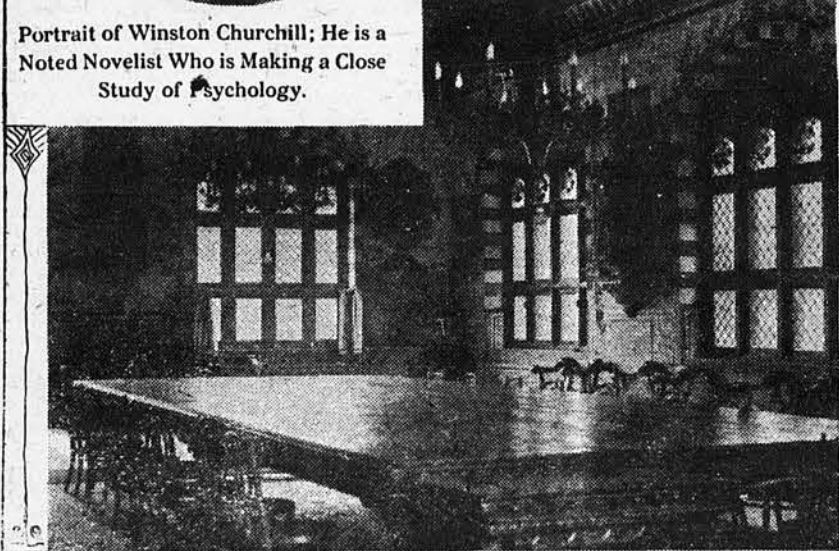
This is Uncle Joe Cannon, the Veteran Congressman from Illinois; He Has Joined the Ranks of the Radio Fans and Now Has a Wireless Telephone Set in His Office at Washington. But Where's Uncle Joe's Time Honored Trusty Cigar?



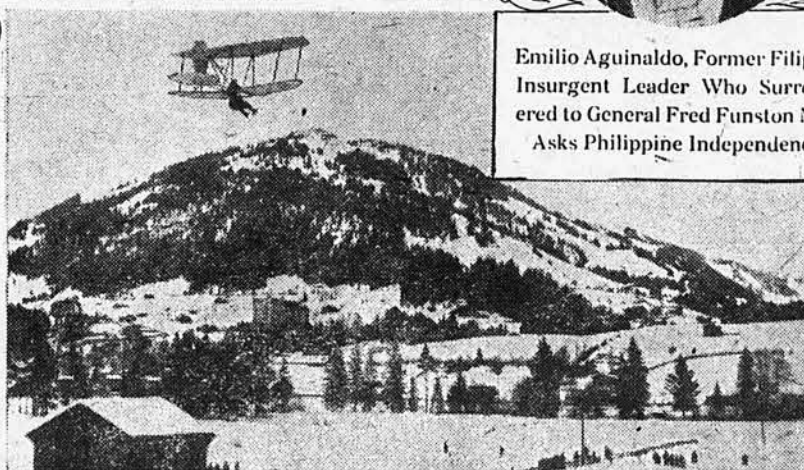
America Gives France and England 100 Million Tree Seeds for Reforestation.



Emilio Aguinaldo, Former Filipino Insurgent Leader Who Surrendered to General Fred Funston Now Asks Philippine Independence.



Room in St. George's Palace in Genoa, Italy; It is the Assembly Place of the Genoa International Economic Conference.



Motorless Airplane Glider Carries Pilot at Bern, Switzerland; This Remarkable Flight Lasted 40 Seconds and a Height of 50 Meters Was Reached.

Trimming A River's Claws

Jefferson County Farmers Organized a Drainage District Which Straightened the Delaware River and Protected Thousands of Acres of Farm Land

By Frank A. Meckel

STRAIGHTENING the Delaware River and shortening its course 13 miles in Jefferson county has been the means of protecting approximately 25,000 acres of good farm land against periodical floods and subsequent damage.

The old river bed meandered all over several townships and had a very small fall thruout its entire length in Jefferson county. The drainage area was rather large and several substantial tributaries which empty into the Delaware added to the flood menace after a heavy rain. The damage was tremendous and levees and dykes did not seem to be effective. It was clearly a case for organized action on the part of the farmers all up and down the stream.

Jefferson County Farmers Organize

In 1912 these Jefferson county farmers got together to organize a drainage district. Charles Hoffman was made president of the organization which was called Delaware River Drainage District No. 1. The project was surveyed and mapped and a call was made for bids on the work. It meant that a number of cuts had to be made to force the stream into a straight channel. The longest of these cuts was a little over a mile while some of the shorter cuts were only a few hundred feet in length.

A contracting firm from Kansas City made the lowest bid for moving the ground and secured the contract. The price was 11.95 cents a cubic yard and the work was done with drag-line shovels.

The shovels started in at the lower end of the project close to Thompsonville and it was about six years before the work was completed. Wet weather and winter caused many delays, while bridges had to be constructed over which the shovels could be transported when ditches and other streams were encountered, but when the work was completed, the river was muzzled. The original length of the river bed in Jefferson county had been 38 miles,

while the new channel measured 25 miles. In other words, the fall of the original 38 miles has been put into a flow of 25 miles which means that the water is removed in about one third less time than formerly.

The work of the river is very evident now. The straight cuts have been widened by the force of the water itself, and after a heavy rain, instead of water being spread all over thousands of acres of valuable farm land, it is all held in the banks of the stream. It rushes down the shortened channel in a torrent, and in places where it does get out of the banks occasionally, it is all drained back into the stream in a few hours, instead of standing for weeks as it formerly did.

The entire cost of the drainage project was about \$110,000. The money was raised by a bond issue and by taxation. The district issued \$80,000 worth of 17 year bonds bearing 5 per cent interest. The other \$30,000 was raised by taxation on adjacent land. Wherever the channel passed thru a man's farm, the land was assessed by a board of three assessors, and the man was paid accordingly. If he did

not like the value placed on his land by the assessors, he could appeal to the district court, but this was very seldom done, so glad were these farmers to have the benefits of a good drainage project.

The cuts which were made were tremendous in many instances. The dredges went down after the dirt to a depth of over 26 feet, moved the dirt back to a point 60 feet from the bank before dumping it on either side. In this manner, the dirt taken out for a channel was piled up on each side, forming a large levee and the actual measurement from levee to levee was 165 feet, with a depth of between 27 and 40 feet. It was at the time, the largest ditch in the state of Kansas.

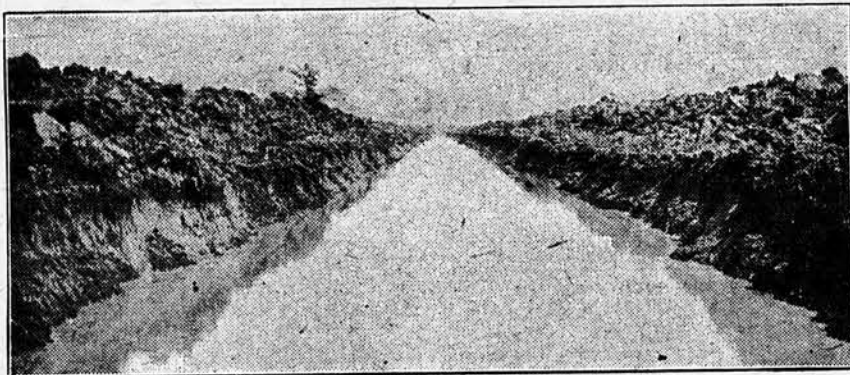
Not only has the new channel made it possible for the water to run off rapidly and prevent flooding, but it has made possible the filling in of the old channel. For the first year or two, the water would get out and into the old channel. Some of the farmers were pessimistic about the value of the new channel if this thing continued, but to their amazement they soon discovered that the old channel was rap-

idly filling up. On the farm of Charles Hoffman, the old channel made a large bend into some of his fields. During the last four years, the old channel has filled in over 15 feet of fine silt, and in several places Hoffman is able to farm right over it. He says that in a few more years he can farm the old channel at any point on his farm. At the very first, he had to construct two bridges over the old river bed, but it filled up so fast that he had to raise his bridges 7 feet on two occasions, and now the soil is right up to the bridges again. He will just permit it to fill in over the bridges now and use the solid ground for crossing.

Levees and Dykes are Built

Since the work was all done starting at a point about 5 miles north of the mouth of the Delaware, some of the Kaw bottom farmers complained at the tremendous amount of water that was being dumped upon them without warning. However, two smaller drainage districts have been formed in the bottom now and a number of levees and dykes have been constructed, which protect the bottom-land farmers fairly well. The one thing which causes most of the trouble there now is the fact that the railroad bridge of the Union Pacific is too narrow to permit sufficient water to pass under it during high water. If this bridge were made larger, there would be no flooding of the farm land below the railroad. Steps have been taken to correct this, and with the co-operation of the railroad, there will be completed one of the most important drainage projects in Kansas.

It has taken time and money, but when one considers the magnitude and tremendous value of the work, the time has been exceedingly short, and the money a mere pittance. The expenditure of \$110,000 for the improvement and permanent protection of 25,000 or more acres of valuable farm land is very slight indeed, and it just shows what a little money will do.



The Water Which Formerly Traveled 38 Miles By a Round-about Route Now Goes More Nearly Straight and Cuts Off 13 Miles Along the Way

Why Scheetz Puts Hens First

When a Flock of 129 Birds and \$71.60 Worth of Baby Chicks Produced \$631 in 8 Months, Shawnee Farmer Made Poultry His Life Business

By James H. Cloture,

A FLOCK of 129 purebred White Leghorn pullets with which he started in the poultry business two years ago, didn't cost August Scheetz a cent. He was out only his work. He bought 300 baby chicks. The cockerels sold the first year paid for the baby chicks and also for the feed consumed by the flock.

Chickens are the most profitable livestock on the Scheetz farm. Six head of purebred Holsteins rank next and purebred Duroc Jersey hogs are close competitors. Scheetz rents a 100 acre farm near Richland. He couldn't make a satisfactory living from it on the average if he grew nothing but crops. At least he concluded he never could expect to do more than that and his ambition demanded more than a living.

He determined on poultry as his major enterprise because he could get quicker action on his money that way and because the farm was equipped with an excellent poultry house. He got purebred stock because he expected to develop a breeding flock and to seek the cream in the poultry business.

At the same time he realized the value of dairy cows. There always is a demand for milk or cream and he needed milk for his chickens and manure for his land. He bought purebreds but they are not registered. A little later he expects to get papers for his cows. Scheetz also felt that the farm was not complete without hogs. He has four purebred Duroc Jersey sows and 40 head of fall and spring pigs. His boars are all eligible to registry.

Scheetz is thoroly sold on the slogan,

"A cow, a sow and some hens on every farm in Kansas," as a bit of advice that will make money for every farmer who follows it, but he would turn it around and put the hens first.

His reason is this: From January 1 to September 1, 1921, he sold \$320.95 worth of eggs from a flock of 129 hens; sold \$83.43 worth of chickens; used \$36.35 worth of eggs and chickens in his home; sold 42 cockerels at 60 cents apiece for \$25.20 and at the end of the period had left 166 pullets valued at \$166. The total income from the flock and the value of the increase, was \$631.93 in eight months.

During that period expenditures consisted of \$121.16 for feed and \$71.60 for baby chicks bought, or a total of \$192.76. This left a net return from the flock of 129 hens and the investment of \$71.60 in baby chicks, of \$439.17.

There are 230 hens and pullets in the flock now and the monthly sale of eggs is averaging from \$75 to \$85. He sells eggs for hatching purposes only. Scheetz operates three incubators with a total capacity of 490 eggs. This spring he plans to hatch 1,500 chicks. Early in April he had passed the 700 mark.

All the pullets and the best cockerels will be retained for laying and for breeding purposes. The other cockerels will be sold as broilers. Hatching started February 1. The cockerels from that hatching went onto the market as broilers about April 15 and of

course they brought top prices because of the extra good demand at that time. Scheetz figures on getting an average of 50 cents apiece for the broilers. Thruout the season he will have a bunch to sell every three weeks, which will give him a steady income to buy feed for the pullets he retains.

This year Scheetz plans to increase his flock to 600 hens and pullets as he is equipped to handle that many. He is making poultry the principal business on the farm.

Feeding baby chicks is an art in itself. Scheetz has tried out various combinations of food and schedules of feeding and out of his experience he has determined on the following as the most successful:

Clabber or sour milk is the piece de resistance of the diet. This is supplemented during the first two weeks with a mixture of hard boiled eggs and oatmeal. The eggs are mashed and rolled in the oatmeal. The mixture is fed five times a day, the amount being what the chicks will clean up in 10 minutes. One egg is mixed with 1 pound of oatmeal.

At the end of the first week scratch grain consisting of cracked wheat, kafir and corn is fed and the feeding of the egg-oatmeal mixture is reduced to three times a day.

After the chicks are 2 weeks old a dry mash is kept before them all the time, and they are given scratch grain three times a day. Sprouted oats and alfalfa also are included. The chicks are

penned up until they are 8 weeks old.

Laying hens and pullets have constant access to hoppers containing a dry mash. This consists of bran, 100 pounds; shorts, 100 pounds; cornmeal, 100 pounds; meat scrap, 25 pounds; charcoal, 3 pounds and salt, 3 pounds.

The grain ration consists of 100 pounds of kafir; 100 pounds of cracked corn; 32 pounds of oats and 50 pounds of wheat. One hundred hens receive 7½ pounds of this mixture a day. One fourth is fed in the litter in the morning and the remainder is fed in the evening. One square inch of sprouted oats to the hen also is fed. The dry mash for baby chicks is the same as that for laying hens with the exception that meat scrap is left out.

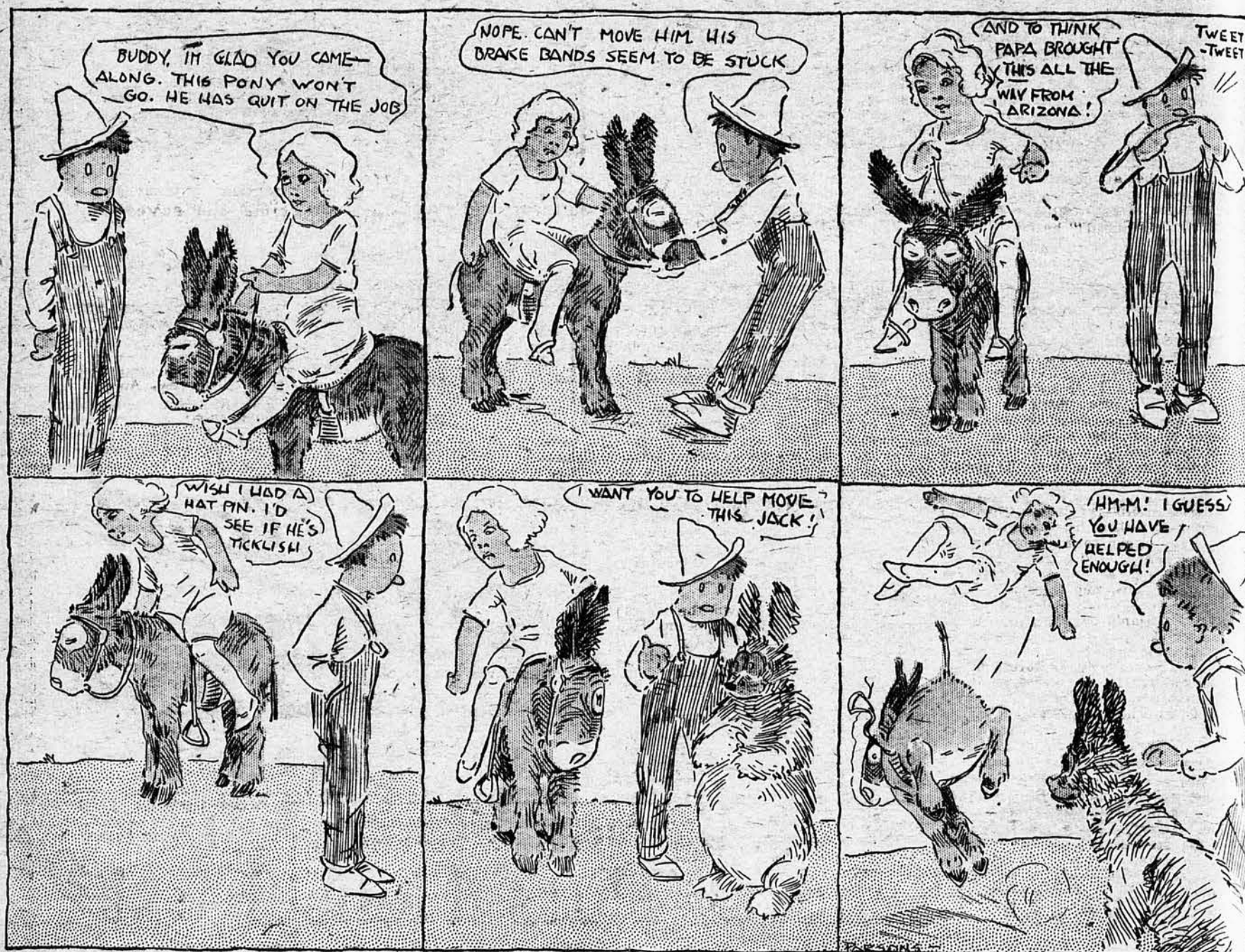
The poultry house is made of stone. It is 16 by 32 feet in size. The entire south wall, with the exception of a 12 inch foundation, is of glass. The windows are set close together and slide up and down so ventilation is easy.

A space 10 feet wide at one end of the house has been partitioned off with building paper and is used as a brooder house for baby chicks. It is heated with wood stoves. Nests in the poultry house are located under the dropping board and open away from the light. Eggs are removed thru small doors in the front side of the nest.

This year Mr. Scheetz has added a large scratching shed on the east end of his poultry house where the hens are given their grain ration. The flock is kept on open range the year around, except during storms. Both alfalfa and bluegrass pasture is available for the hens in the spring and in the summer.

The Adventures of the Hoovers

When the Burro Refused to Move Buddy Called Bruno to His Assistance and Then Things Began to Move in a Telling Way



The Indian Drum

By WILLIAM MacHARG
and EDWIN BALMER

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

A little later another letter came with a check for \$100 and a request that Alan come to Chicago immediately and report at the home of Benjamin Corvet at a certain address on Astor Street.

On his arrival at the place designated Alan finds no one there except Constance Sherrill, a daughter of one of Mr. Corvet's business partners. From her he learns that Mr. Corvet had suddenly gone away and no one knew where he was. Later he meets Lawrence Sherrill, her father, who gives Alan a brief history of Mr. Corvet as he knew him, and of his separation from his wife in 1896. He also gave Alan a short account of his own life and of his later association with Mr. Corvet and Mr. Spearman in the lumber industry. Mr. Sherrill then handed to him a deed conveying from Corvet

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

(Copyright by Edwin Balmer)

to Alan certain property and the house on Astor Street.

Alan has a number of adventures in the house on the night of his first visit and gets into a fight with a daring intruder but finally drives him away.

Subsequently Alan meets Spearman and recognizes him as the intruder who had attacked him in Mr. Corvet's house, and he does not hesitate to let Mr. Spearman know it. Finally he also learns to his astonishment there was more than just an ordinary bond of friendship existing between Spearman and Miss Sherrill.

A New Voice

Alan started and went quickly to the open door of his room, as he heard voices now somewhere within the house. One of the voices he recognized as Wassaquam's; the other indistinct, thick, accusing—was unknown to him; it certainly was not Spearman's. He had not heard Wassaquam go downstairs, and he had not heard the door-bell, so he ran first to the third floor; but the room where he had seen Wassaquam was empty. He descended again swiftly to the first floor, and found Wassaquam standing in the front hall, alone.

"Who was here, Judah?" Alan demanded.

"A man," the Indian answered stolidly. "He was drunk; I put him out."

"What did he come for?"

"He came to see Ben. I put him out; he is gone, Alan."

Alan flung open the front door and looked out, but he saw no one.

"What did he want of Mr. Corvet, Judah?"

"I do not know. I told him Ben was not here; he was angry, but he went away."

"Has he ever come here before?"

"Yes; he comes twice."

"He has been here twice?"

"More than that; every year he comes twice, Alan. Once he came oftener."

"How long has he been doing that?"

"Since I can remember."

"Is he a friend of Mr. Corvet?"

"No friend—no!"

"But Mr. Corvet saw him when he came here?"

"Always, Alan."

"And you don't know at all what he came about?"

"How should I know? No; I do not." Alan got his coat and hat. The sudden disappearance of the man might mean only that he had hurried away,

but it might mean too that he was still lurking near the house. Alan had decided to make the circuit of the house and determine that. But as he came out on to the porch, a figure more than a block away to the south strode with uncertain step out into the light of a street lamp, halted and faced about, and shook his fist back at the house. Alan dragged the Indian out on to the porch.

"Is that the man, Judah?" he demanded.

"Yes, Alan."

Alan ran down the steps and at full speed after the man. The other had turned west at the corner where Alan had seen him; but even tho Alan slipped as he tried to run upon the snowy walks, he must be gaining fast upon him. He saw him again, when he had reached the corner where the man had turned, traveling westward with that quick uncertain step toward Clark Street; at that corner the man turned south. But when Alan reached the corner, he was nowhere in sight. To the south, Clark Street reached away, garish with electric signs and with a half dozen saloons to every block. That the man was drunk made it probable he had turned into one of these places. Alan went into every one of them for fully a half mile and looked about, but he found no one even resembling the man he had been following. He retraced his steps for several blocks, still looking; then he gave it up and returned eastward toward the Drive.



The side street leading to the Drive was less well lighted; dark entry ways and alleys opened on it; but the night was clear. The stars, with the shining sword of Orion almost overhead, gleamed with midwinter brightness, and to the west the crescent of the moon was hanging and throwing faint shadows over the snow. Alan could see at the end of the street, beyond the yellow glow of the distant boulevard lights, the smooth, chill surface of the lake. A white light rose above it; now, below the white light, he saw a red speck—the masthead and port lanterns of a steamer northward bound. Farther out a second white glow appeared from behind the obscuration of the buildings and below it a green speck—a star-board light. The information he had gained that day enabled him to recognize in these lights two steamers passing one another at the harbor mouth.

"Red to red," Alan murmured to himself. "Green to green—Red to red, perfect safety, go ahead!" he repeated.

It brought him, with marvelous vividness, back to Constance Sherrill. Events since he had talked with her that morning had put them far apart once more; but, in another way, they were being drawn closer together. For he knew now that she was caught as well as he in the mesh of consequences of acts not their own. Benjamin Corvet, in the anguish of the last hours before fear of those consequences had driven him away, had given her a warning against Spearman so wild, that it defeated itself; for Alan merely to repeat that warning, with no more than he yet knew, would be equally futile. But into the contest between Spearman and himself—that contest, he was beginning to feel, which must threaten destruction either to Spearman or to him—she had entered. Her happiness, her future, were at stake; her fate, he was certain now, depended upon discovery of those events tied tight in the mystery of Alan's own identity which Spearman knew, and the threat of which at moments appalled him. Alan winced as there came before him in the darkness of the street the vision of Constance in Spearman's arms and of the kiss that he had seen that afternoon.

Calling for the Sherrills

He staggered, slipped, fell suddenly forward upon his knees under a stunning, crushing blow upon his head from behind. Thought, consciousness almost lost, he struggled, twisting himself about to grasp at his assailant. He caught the man's clothing, trying to drag himself up; fighting blindly, dazedly, unable to see or think, he shouted aloud and then again, aloud. He seemed in the distance to hear answering cries; but the weight and strength of the other was bearing him down again to his knees; he tried to slip aside from it, to rise. Then another blow, crushing and sickening, descended on his head; even hearing

left him and, unconscious, he fell forward on to the snow and lay still. "The name seems like Sherrill," the interne agreed. "He said it before when we had him on the table upstairs; and he has said it now twice distinctly—Sherrill."

"His name, do you think?" "I shouldn't say so; he seems trying to speak to some one named Sherrill."

The nurse waited a few minutes. "Yes; that's how it seems to me, sir. He said something that sounded like 'Connie' a while ago, and once he said 'Jim.' There are only four Sherrills in the telephone book, two of them in Evanston and one way out in Minnoota."

"The other?" "They're only about six blocks from where he was picked up; but they're on the Drive—the Lawrence Sherrills."

The interne whistled softly and looked more interestedly at his patient's features. He glanced at his watch, which showed the hour of the morning to be half-past four. "You'd better make a note of it," he said. "He's not a Chicagoan; his clothes were made somewhere in Kansas. He'll be conscious sometime during the day; there's only a slight fracture, and—perhaps you'd better call the Sherrill house, anyway. If he's not known there no harm done; and if he's one of their friends and he should * * *

The nurse nodded and moved off. Thus it was that at a quarter of five Constance Sherrill was awakened by the knocking of one of the servants at her father's door. Her father went down stairs to the telephone instrument where he might reply without disturbing Mrs. Sherrill. Constance, kneeling over her shoulders, stood at the top of the stairs and waited. It became plain to her at once that whatever had happened had been to Alan Conrad.

"Yes * * * Yes * * * You are giving him every possible care? * * * At once."

She ran part way down the stairs and met her father as he came up. He told her of the situation briefly.

"He was attacked on the street late last night; he was unconscious when they found him and took him to the hospital, and has been unconscious ever since. They say it was an ordinary street attack for robbery. I shall go at once, of course; but you can do nothing. He would not know you if you came; and of course he is in competent hands. No; no one can say yet how seriously he is injured."

Worrying About Alan

She waited in the hall while her father dressed, after calling the garage on the house telephone for him and ordering the motor. When he had gone, she returned anxiously to her own rooms; he had promised to call her after reaching the hospital and as soon as he had learned the particulars of Alan's condition. It was ridiculous, of course, to attach any responsibility to her father or herself for what had

(Continued on Page 11)

Radio Will Influence Lives

RADIO telegraphy is more than 20 years old, but radio telephony, in its present form, is a very recent product of inventive genius. A year ago there were scarcely 50,000 radio receiving sets in the United States. According to a recent estimate there are now more than 500,000, and there are sending stations of sufficient power to cover the entire area under favorable conditions. The aggregate number of those who "listen in" to the evening programs of the broadcasting stations probably approaches 1 million, and the audience reached by a single station may be 10,000 or more.

The radiophone is a new publicity agent which literally has everybody "by the ears." It immediately takes its place with the telegraph, telephone, postoffice, press, pulpit, school and theater as a means of reaching the public and its possibilities are obviously so great that it cannot be regarded as a plaything or a passing fad.

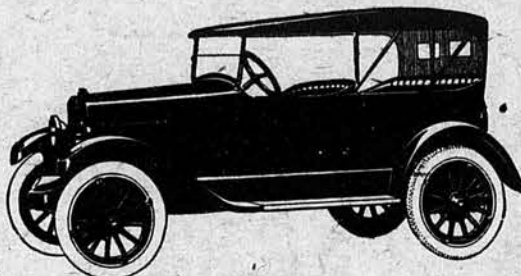
The telephone has not supplanted the telegraph and radio is not likely to supplant either. It is already in general use for trans-oceanic communication, and this application will be extended, but radio will not under present conditions supersede the telegraph or telephone for obvious reasons.

The great publicity field for radio is the broadcasting of information or entertainment designed to reach large numbers. If the matter is of universal interest and importance it would be radiated from a few suitably located stations of great power. Matter of more local interest would be broadcast from less powerful stations, which would be installed at suitable intervals thruout the land.

Radio will exert a powerful influence on the press, the pulpit, the schools and the theater, but it will not supplant them. Public taste will be educated and it will be more critical. It will demand higher standards. There will be a beneficial evolution of press, pulpit, school and theater in which the inferior and the mediocre will be eliminated.

Radio broadcasting carries with it responsibility. It is to be hoped and expected that the power to say something loud enough to be heard by thousands will give rise to a desire to say something worth while.

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Think You Can Spell?

Here's a mighty good one for you. How many words can you make? Five, ten, twenty or more. Be the best speller and win a cash prize.

Win \$100! Try It!

Capper's Farmer will give a prize of \$100.00 in cash to the person who sends in the largest list of correctly spelled words made out of the word "DECORATION," providing the list is accompanied by 25c to cover a one-year subscription to Capper's Farmer. Every person who sends in a list of words accompanied by a one year subscription and 25c—whether they win the \$100.00 or not—will receive a prize. See how many words you can make out of DECORATION. See if you can be the one to win the \$100.00.

The Rules Are Simple

Everyone living in the United States may submit an answer, except no answer will be accepted from employees of Capper's Farmer, residents of Topeka and former cash prize winners in any Picture or Word Spelling Club conducted by the Capper Publications. Write as plainly as you can. Make as many words as you can out of DECORATION. A few of the words you can make are "rat," "cat," "on," "ran," "tie," "hear," etc. Do not use more letters in the same word than there are in DECORATION. Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be counted as one word. Your list will not be accepted in the Spelling Club unless you send in a one-year subscription to Capper's Farmer accompanied by a remittance of 25c. In the event of a tie between two or more Club Members, each tying Club Member will receive a prize of the same value in all respects to that tied for. This Spelling Club closes June 10, 1922, and as soon as your list of words with remittance is received we will acknowledge the order, and the winner will be announced as soon after the closing date as the three judges can determine to the best of their ability who has submitted the largest list of correctly spelled words. Each participant agrees to accept the decision of the judges as final and conclusive. Webster's New International Dictionary will be used as authority.

When sending in your list of words and subscription with remittance of 25c be sure and state to whom we are to send Capper's Farmer for one year.
CAPPER'S FARMER, Spelling Club Dept. 651, TOPEKA, KANSAS



Jayhawker's Farm Notes

By Harley Hatch

THE soil is still soaked and sodden from continuous rains. Oats have gone by the board as a crop on the Jayhawker Farm this season, as it is now entirely too late to sow. There are some oats in this neighborhood which have been up for some time; they look well enough to make me wish we had taken a chance on February sowing. Wheat is growing very well and only needs some dry weather. Native grass is growing fast and indicates early pasture while alfalfa gives promise of a first crop to be cut in May this year.

Good Time to Fix Fences

When the ground is as wet as at present there is not much farm work that can be done except fix fences. There is plenty of that to do in the territory visited by the cloudburst as it was in destroying fences that the flood did the most farm damage. On this farm no fences went out except those across the creek and that is something we expect with every flood. The fence is cut at the creek bank and a short section put in separately and when the creek gets up, this part alone is taken and sometimes even that is not harmed. A big flood seldom takes out our creek fence as then the drift rides over it. It is the flood that barely clears the top of the fence that is sure to take it out. We found a hardware merchant in Burlington the other day who had a lot of staples in his cellar which were under water and we bought a 100-pound keg, which had just been hauled out, for \$3 so we will have plenty of staples for awhile.

Potato Planting Delayed

It has been so rainy and wet here that many have no potatoes planted yet. It is time that the seed of even the late crop was in the ground but it cannot be planted so long as the ground is sodden. We have our early potatoes planted and would like to plant the later ones within the next week if possible. The ground where the potatoes are to be planted is of a sandy nature and well drained but even that must have a day or so of drying weather before it can be plowed. We would also like to give the ground a coat of manure for we have found that there is nothing equal to that to push potatoes along altho there is more danger of scabby potatoes when the soil has just been freshly manured before planting. We have enough Eureka seed saved to plant; the Early Ohio planted beside Eureka last year yielded as much but the quality fell far below Eureka.

Good Calf Crop Expected

We expect our calf crop this year to number 27 head if there is no bad luck. Almost half that number have already arrived—13 to be exact—and all are lively and in good condition. We started into the winter with 49 head of cattle and it now seems as if we would have close to 75 to provide feed for next winter, if we do not sell any. This means a lot of corn to be planted for it is surprising what an immense bulk of feed 75 cattle will eat in the course of a winter. There is one advantage in making cattle the main livestock crop here instead of hogs; if it is not a corn year, the hogs have to be sold or expensive grain bought but it is very seldom that we have a season that does not produce enough grain to make corn fodder the best of feed. By making cattle our main stock we feel that we are safe in putting out a lot of corn, knowing that we can realize on it no matter how dry.

Another Big Wheat Crop Expected

And now, after harvesting five full wheat crops, there is at this date every indication of another. Wheat in this neighborhood has a full 100 per cent condition but, of course, that does not insure a 100 per cent crop. We still have to run the gauntlet of the weather and insect pests. The weather condition which would harm us most would be too much rain. We

never have seen a season here when it was too dry for wheat in the last two months of its growth. We often think more rain would help, yet we have all learned that the drier the season, the better the wheat will be in this part of Eastern Kansas. The insect pests we have most to fear are chinch bugs and many think the recent heavy and continued rains have effectually checked them for the early part of this season, or long enough to permit the wheat to get such a start that the bugs cannot harm it. The wheat is now so intensely green that it shows for long distances and one can stand on some elevation and estimate about what part of the cultivated land is in this crop. From such a casual survey we believe that 60 per cent of all the cultivated land in this part of Coffey county was in wheat.

Maple Sugar Season Arrives

Knowing that a large number of my readers are interested in maple sugar I will note here that the sugar season is on in Vermont with rather more trees tapped than there were one year ago. In our old Vermont home county of Orleans there are tapped this year 1,100,000 trees which in an average year will produce a little more than 2 million pounds of sugar. Considerable sugar was kept over from 1921 in the hope of a raise in price but the raise did not come. The price of maple sugar follows that of cane sugar to a large extent, which means rather low prices again for the main crop. Some sugar makers who make a fancy product and who have found buyers who care more for quality than price find no difficulty in getting more than double the usual price. Ordinary maple sugar is being assessed in Vermont this spring for 10 cents a pound, which is supposed to be actual value.

Satisfactory Cattle Feeds

Corn, including grain and stalk, makes one of the best cattle feeds to be found. Kafir is far from being as good. In fact kafir grain is so small and hard that cattle do not seem to get much out of it. Our present plan is to plant 10 to 15 acres of kafir, which is more than we should have planted could we have sown some

oats. If we have to use the grain from this kafir for cattle feed our intention is to head the grain, thresh it and then grind it and feed it mixed either with oats or bran. This makes considerable trouble and expense but we think it best to do this rather than feed the kafir on the stalk. Whole kafir has not only always seemed poor cattle feed but poor hog feed as well. Good hogs can be made on kafir but not by feeding it whole and dry. Years ago when we raised much more kafir than we do now, we had good success in feeding it to hogs by grinding the grain and mixing it with shorts using just water enough to soak up the mixture.

Slate Surfaced Roofings Durable

An inquiry from Allen county asks regarding the slate surfaced roofing of which we have spoken several times. We have been able to buy this roofing from the mail order houses and from our local lumber dealer as well. Properly put on it makes an excellent roof being almost fireproof as well as rainproof. We have four roofs on this farm covered with this roofing and it all turned the rain of March 23, when 5 inches fell in less than 2 hours. This would seem to be about as severe a test as one would be likely to get. The cost of this roofing, laid down in Eastern Kansas, probably will be something like \$2.50 a 100 square feet. This is much cheaper than shingles, costs much less to lay and on a roof rather flat is likely to last fully as long as the best shingles. The main thing lies in getting it well fastened down so that our celebrated Kansas winds cannot tear it off. To do this, battens every 4 feet should be used, nailed thru to the rafters with 8-penny nails.

Losing \$1,200,000 a Year

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necessary. If cream cans are placed in cold water and the cream stirred a bit, it can be kept in good condition.

The value of a can half full of cool cream can be wiped out in a minute if the dairyman pours a bucketful of warm cream from the separator into it. The new cream should be cooled before it is mixed with that which already has been chilled.

Cellars where vegetables have been stored, kitchens and stables all are prolific of odors. Cream is a great little absorber of odors. It takes them all in and it never gives any of them up. So cream should never be kept in the

kitchen or cellar or near stables. Odors are the bane of creameries which are trying to produce high quality butter and they grade down the cream which contains them. Lots of cream that would grade No. 1 in other respects is pushed into the inferior class because it contains odors which cannot be gotten out.

Losses lurk in milk cans. Stations usually wash the cans before returning them to the dairyman but they are not sterilized. Every one should be scalded.

Quality, which depends to a considerable degree on acidity or sourness of the cream, can be retained only a short time. Dairy men will profit by delivering their cream at least twice a week in the summer and at least every four days in the winter, oftener if possible. The sweeter the cream the sweeter the price it will bring.

Cream cans, like babies, should be wrapped in warm blankets. In winter the blankets keep the cream from freezing. In summer they keep it cool. Frozen cream loses quality. It costs a dairyman 3 cents a pound to permit his cream to freeze, because it likely grades as No. 2. A sidewalk conversation between a dairyman and a friend, while the cream cans stand in the truck on the street and the cream freezes, is a costly form of entertainment—\$3 on 100 pounds of cream.

This is wild onion time. When grass is scarce in April and May cows on pasture eat wild onions and weeds, thereby imparting to their milk and to its cream, a unique and tenacious flavor. Creameries hate onionized cream because it puts too much jazz in the butter.

Creameries both in Kansas and adjoining states, are trying hard this year to encourage grading and the production of superior cream in the state. The Beatrice Creamery Company, always an exponent of this practice, is taking the lead. The Kansas State Dairy men's Association is giving its wholehearted support to the movement and officers hope for improvement which will mean upwards of a million dollars a year in extra revenue to the men who produce the cream.

Invest Safely and Profitably

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

The Call of the Farm

This was written by the late A. L. G. Fields shortly before his death.

I wish to go so far back from city life that the crowing of the cock and the cackle of the hen will tell me when it is time to get up rather than the blowing of the whistle or the ringing of a bell. I wish to go back yonder where the setting sun rather than the city lights tell me when it is night. I wish to hear the crickets and the whirp-poor-will as we heard them in evenings long ago; while we listened with bated breath to the jack-o-lantern legends that stirred our childish fancy until the croaking of frogs sent us to bed to dream of things uncanny. I wish again to live in the happiness of the autumns when the frost is on the pumpkins and the corn is in the shock; when hickory nuts falling on the ground call the squirrels; when the stars gleam bright enough to bring a "possum out of a tree with the old musket. And when the snow hides the paths and roads like the old, big white coverlet on the big bed in the spare room. I wish to sit by the fire with the apples glistening on the hearth and corn popping in imitation of a hail storm.



The Indian Drum

(Continued from Page 9)

happened to Alan—a street attack such as might have happened to any one—yet she felt that they were in part responsible. Alan Conrad had come to Chicago, not by their direction, but by Benjamin Corvet's; but Uncle Benny being gone, they had been the ones who met him, they had received him into their own house; but they had not thought to warn him of the dangers of the city and, afterward, they had let him go to live alone in the house in Astor Street with no better adviser than Wassaquam. Now, and perhaps because they had not warned him, he had met injury and, it might be, more than mere injury; he might be dying.

She walked anxiously up and down her room, clutching her kimono about her; it would be some time yet before she could hear from her father. She went to the telephone on the stand beside her bed and called Henry Spearman at his apartments. His servant answered; and, after an interval, Henry's voice came to her. She told him all that she knew of what had occurred.

"Do you want me to go over to the hospital?" he asked at once.

"No; father has gone. There is nothing any one can do. I'll call you again as soon as I hear from father."

He seemed to appreciate from her tone the anxiety she felt; for he set himself to soothe and encourage her. She listened, answered, and then hung up the receiver, anxious not to interfere with the expected call from her father. She moved about the room again, oppressed by the long wait, until the phone rang, and she sprang to it; it was her father calling from the hospital. Alan had had a few moments' consciousness, but Sherrill had not been allowed to see him; now, by the report of the nurse, Alan was sleeping, and both nurse and internes assured Sherrill that, this being the case, there was no reason for anxiety concerning him; but Sherrill would wait at the hospital a little longer to make sure. Constance's breath caught as she answered him, and her eyes filled with tears of relief. She called Henry again, and he evidently had been waiting, for he answered at once; he listened without comment to her repetition of her father's report.

"All right," he said, when she had finished. "I'm coming over, Connie."

"Now?"

"Yes; right away."

"You must give me time to dress!" His assumption of right to come to her at this early hour recalled to her forcibly the closer relation which Henry now assumed as existing between them; indeed, as more than existing, as progressing. And had not she admitted that relation by telephoning to him during her anxiety? She had not thought how that must appear to him; she had not thought about it at all; she had just done it.

New Bonds to Consider

She had been one of those who think of betrothal in terms of question and answer, of a moment when decision is formulated and spoken; she had supposed that, by withholding reply to Henry's question put even before Uncle Benny went away, she was thereby maintaining the same relation between Henry and herself. But now she was discovering that this was not so; she was realizing that Henry had not required formal answer to him because he considered that such answer had become superfluous; her yes, if she accepted him now, would not establish a new bond, it would merely acknowledge what was already understood. She had accepted that—had she not—when, in the rush of her feeling, she had thrust her hand into his the day before; she had accepted it; even more undeniably, when he had seized her and kissed her.

Not that she had sought or even consciously permitted that; it had, indeed, surprised her. While they were alone together, and he was telling her things about himself, somewhat as he had at the table at Field's, Alan Conrad was announced, and she had risen to go. Henry had tried to detain her; then, as he looked down at her, hot impulse had seemed to conquer him; he caught her, irresistibly; amazed, bewildered, she looked up at him, and he bent and kissed her. The power of his arms about her—she could feel them yet, sometimes—half frightened, half

enthralled her. But his lips against her cheek—she had turned her lips away so that his pressed her cheek! She had been quite unable to know how she had left then, because at that instant she had realized that she was seen. So she had disengaged herself as quickly as possible and, after Alan was gone, she had fled to her room without going back to Henry at all.

How could she have expected Henry to have interpreted that flight from him as disapproval when she had not meant it as that; when, indeed, she did not know herself what was stirring in her that instinct to go away alone? She had not by that disowned the new relation which he had accepted as established between them. And did she wish to disown it now? What had happened had come sooner and with less of her will active in it than she had expected; but she knew it was only what she had expected to come. The

pride she had felt in being with him was, she realized, only anticipatory of the pride she would experience as his wife. When she considered the feeling of her family and her friends, she knew that some would go through the formal deploring that Henry had not better birth, all would be satisfied and more than satisfied; they would even boast about Henry a little, and entertain him in her honor, and show him off. There was no one—now that poor Uncle Benny was gone—who would seriously deplore it at all.

Constance had recognized no relic of uneasiness from Uncle Benny's last appeal to her; she understood that thoroughly. Or, at least, she had understood that; now was there a change in the circumstances of that understanding, because of what had happened to Alan, that she found herself re-defining to herself her relation with Henry? No; it had nothing to do with Henry,

of course; it referred only to Benjamin Corvet. Uncle Benny had "gone away" from his house on Astor Street, leaving his place there to his son, Alan Conrad. Something which had disturbed and excited Alan had happened to him on the first night he had passed in that house; and now, it appeared, he had been prevented from passing a second night there. What had prevented him had been an attempted robbery upon the street, her father had said. But suppose it had been something else than robbery!

She could not formulate more definitely this thought, but it persisted; she could not deny it entirely and shake it off.

To Alan Conrad, in the late afternoon of that day, this same thought was coming far more definitely and far more persistently. He had been awake and sane since shortly after noonday. The pain of a head which

Secretary Wallace Says:

"We must learn how to take some of the speculative risk out of farming"

"In one sense, the farmer is the greatest speculator in the world. His business is subject to risks which he cannot insure against. He is at the mercy of the weather. In an hour, a hailstorm may completely destroy the results of six months' work."

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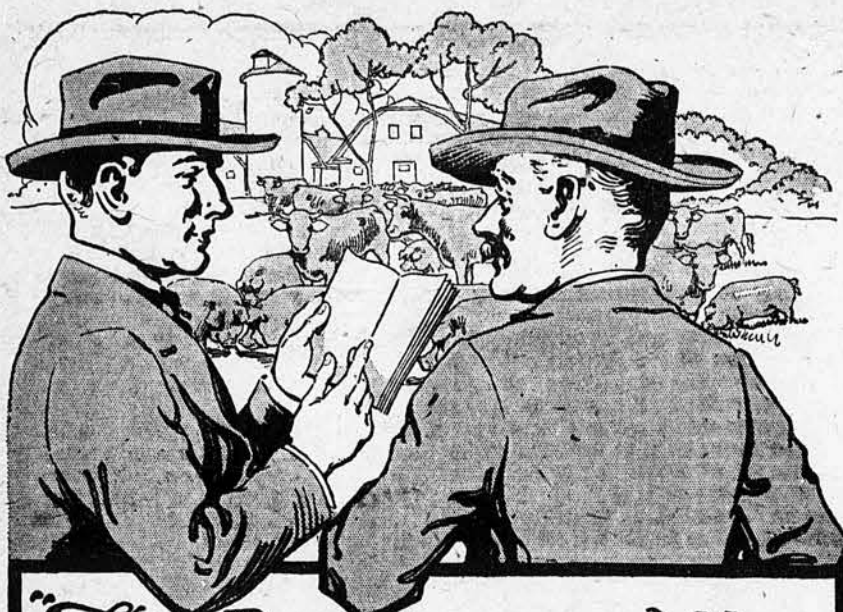


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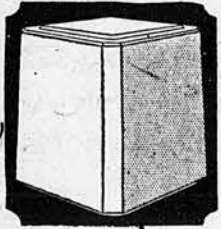
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ached throbbingly and of a body bruised and sore was beginning to give place to a feeling merely of lassitude—a languor which revisited incoherence upon him when he tried to think. He shifted himself upon his bed and called the nurse.

"How long am I likely to have to stay here?" he asked her.

"The doctors think not less than two weeks, Mr. Conrad."

He realized, as he again lay silent, that he must put out of his head now all expectation of ever finding in Corvet's house any such record as he had been looking for. If there had been a record, it unquestionably would be gone before he could get about again to seek it, and he could not guard against its being taken from the house; for, if he had been hopeless of receiving credence for any accusation he might make against Spearman while he was in health, how much more hopeless was it now, when everything he would say could be put to the credit of his injury and to his delirium! He could not even give orders for the safeguarding of the house and its contents—his own property—with assurance that they would be carried out.

The police and hospital attendants, he had learned, had no suspicion of anything but that he had been the victim of one of the footpads who, during that month, had been attacking and robbing nightly. Sherrill, who had visited him about two o'clock, had showed that he suspected no other possibility. Alan could not prove otherwise; he had not seen his assailant's face; it was most probable that if he had seen it, he would not have recognized it. But the man who had assailed him had meant to kill; he had not been any ordinary robber. That purpose, blindly recognized and fought against by Alan in their struggle, had been unmistakable. Only the chance presence of passers-by, who had heard Alan's shouts and responded to them, had prevented the execution of this purpose, and had driven the man to swift flight for his own safety.

Alan had believed, in his struggle with Spearman in Corvet's library, that Spearman might have killed rather than have been discovered there. Were there others to whom Alan's presence had become a threat so serious that they would proceed even to the length of calculated murder? He could not know that. The only safe plan was to assume that persons, in number unknown, had definite, vital interest in his "removal" by violence or otherwise, and that, among them, he must reckon Henry Spearman; and he must fight them alone. For Sherrill's liking for him, even Constance Sherrill's interest and sympathy were nullified in practical intent by their admiration for and their complete confidence in Spearman. It did not matter that Alan might believe that, in fighting Spearman, he was fighting not only for himself but for her; he knew now cer-

tainly that he must count her as Spearman's; her! Things swam before him again dizzily as he thought of her; and he sank back and closed his eyes.

A little before six Constance Sherrill and Spearman called to inquire after him and were admitted for a few moments to his room. She came to him, bent over him, while she spoke the few words of sympathy the nurse allowed to her; she stood back then while Spearman spoke to him. In the succeeding days, he saw her nearly every day, accompanied always by her father or Spearman; it was the full two weeks the nurse had allotted for his remaining in the hospital before he saw her alone.

Words of Sympathy

They had brought him home, the day before—she and her father, in the motor—to the house on Astor Street. He had insisted on returning there, refusing the room in their house which they had offered; but the doctor had enjoined outdoors and moderate exercise for him, and she had made him promise to come and walk with her. He went to the Sherrill house about ten o'clock, and they walked northward toward the park.

It was a mild, sunny morning with warm wind from the south, which sucked up the last patches of snow from the lawns and dried the tiny trickles of water across the walks. Looking to the land, one might say that spring soon would be on the way; but, looking to the lake, midwinter held. The counterscap of concrete, beyond the withered sod that edged the Drive, was sheathed in ice; the frozen spray-hummocks beyond steamed in the sun; and out as far as one could see, floes floated close together, exposing only here and there a bit of blue. Wind, cold and chilling, wafted off this ice field, taking the warm south breeze upon its flanks.

Glancing up at her companion from time to time, Constance saw the color coming to his face, and he strode beside her quite steadily. Whatever was his inheritance, his certainly were stamina and vitality; a little less—or a little dissipation of them—and he might not have recovered at all, much less leaped back to strength as he had done. For since yesterday, the languor which had held him was gone.

They halted a minute near the south entrance of the park at the St. Gaudens' "Lincoln," which he had not previously seen. The gaunt, sad figure of the "rail-splitter" in his ill-fitting clothes, seemed to recall something to him, for he glanced swiftly at her as they turned away.

"Miss Sherrill," he asked, "have you ever staid out in the country?"

"I go to Northern Michigan, up by the straits, almost every summer for part of the time, at least; and once in a while we open the house in winter too for a week or so. It's quite wild—trees and sand and shore and the water. I've had some of my best times up there."

Agriculture as an Industry

THE success of Congressman Strong in getting a favorable report on the farm bloc bill to include agriculture among interests which the banking system must consider is said to assure the passage of the bill. The Senate farm bloc had already put it thru the Senate and President Harding had given his approval of the principle of the bill.

So a great dust storm is cleared away which had been blown up by Wall Street concerning the design of the farm bloc to destroy good banking and the Federal Reserve System by poisoning it with the selection of a representative of agriculture on the board.

The whole insides of the controversy amount simply to this: The law required that a certain number of persons not bankers should be on the Federal Reserve Board, these persons representing "commerce and industry." It might have been assumed that industry was a term intended to be comprehensive and to clear all industries, not excepting one as vital as agriculture. But when any other industry was deemed fit to supply representatives of "industry" on the board and no representative of agriculture ever was appointed and it appeared to be the consensus that none ever would be and that agriculture was outside the breastworks, not to be regarded as among the industries of the country, the farm bloc made its attack on so limited a view of the meaning of the term "commerce and industry." The bill as it passed the Senate and as it will probably shortly pass the House simply makes sure that agriculture is an industry, and not a negligible factor in the country's business, by amending the act so that members shall be appointed to the Federal Reserve Board representing "agriculture, commerce and industry."

Had agriculture been accepted as among national industries this amendment would have been unnecessary. But under the interpretation put upon the act the only way to include agriculture was to name it. It is the largest single industry and the only one, until the farm bloc forced its recognition, held to be outside of the pale of industries competent to provide an active representative of any kind on the banking system.

"You've never been out on the plains?"

"Just to pass over them on the train on the way to the coast."

"That would be in winter or in spring; I was thinking about the plains in late summer, when we—Jim and Betty, the children of the people I was with in Kansas—"

"I remember them."

"When we used to play at being pioneers in our sunflower shacks."

"Sunflower shacks?" she questioned.

Sunflower Homes in Kansas

"I was dreaming we were building them again when I was delirious just after I was hurt, it seems. I thought I was back in Kansas and was little again. The prairie was all brown as it is in late summer, brown billows of dried grass which let you see the chips of limestone scattered on the ground beneath; and in the hollows, there were acres and acres of sunflowers, three times as tall as either Jim or I, and with stalks as thick as a man's wrist, where Jim and Betty and I . . . and you, Miss Sherrill, were playing."

"I?"

"We cut paths thru the sunflowers with a corn knife," Alan continued, not looking at her, "and built houses in them by twining the cut stalks in and out among those still standing. I'd wondered, you see, what you must have been like when you were a little girl, so, I suppose, when I was delirious, I saw you that way."

She had looked up at him a little apprehensively, afraid that he was going to say something more; but his look reassured her.

"Then that," she hazarded, "must have been how the hospital people learned our name. I'd wondered about that; they said you were unconscious first, and then delirious and when you spoke you said, among other names, mine—Connie and Sherrill."

He colored and glanced away. "I thought they might have told you that, so I wanted you to know. They say that in a dream, or in delirium, after your brain establishes the first absurdity—like your playing out among the sunflowers with me when we were little—everything else is consistent. I wouldn't call a little girl 'Miss Sherrill' of course. Ever since I've known you, I couldn't help thinking a great deal about you; you're not like any one else I've ever known. But I didn't

want you to think I thought of you—familiarily."

"I speak of you always as Alan to father," she said.

He was silent for a moment. "They lasted hardly for a day—those sunflower houses, Miss Sherrill," he said quietly. "They withered almost as soon as they were made. Castles in Kansas, one might say! No one could live in them."

Apprehensively again, she colored. He had recalled to her, without meaning to do so, she thought, that he had seen her in Spearman's arms; she was quite sure that recollection of his was in his mind. But despite this—or rather, exactly because of it—she understood that he had formed his own impression of the relation between Henry and herself and that, consequently, he was not likely to say anything more like this.

They had walked east, across the damp, dead turf to where the Drive leaves the shore and is built out into the lake; as they crossed to it on the smooth ice of the lagoon between, he took her arm to steady her.

"There is something I have been wanting to ask you," she said.

"Yes."

"That night when you were hurt—it was for robbery, they said. What do you think about it?" She watched him as he looked at her and then away; but his face was completely expressionless.

"The proceedings were a little too rapid for me to judge, Miss Sherrill."

"But there was no demand upon you to give over your money before you were attacked?"

"No."

She breathed a little more quickly: "It must be a strange sensation," she observed, "to know that someone has tried to kill you."

"It must, indeed."

"You mean you don't think that he tried to kill you?"

(TO BE CONTINUED.)

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Farm Organization News

BY RURAL CORRESPONDENTS

ANOTHER use has been found for an incubator on the farm, according to Avery C. Maloney, Bourbon county agent. He says William Campbell of Bronson, uses an incubator to test seed for germination. Mr. Campbell marked a cloth into squares, put alfalfa and kafir seed in the squares, rolled the cloth up carefully, dampened it and put it into the warm incubator. In two days the live seeds had all sprouted.

Poultry Net Him \$1,191.77

A net profit of \$1,191.77 was made by J. O. Coombs of Sedgwick, Kan., on a flock of 300 Single Comb White Leghorn hens, according to E. J. Macy, Sedgwick county agent. This was a net profit of \$3.97. The record was kept from November 1, 1920, to November 1, 1921. The total receipts from eggs were \$1,013.16. Mr. Coombs sold \$409.67 worth of broilers and stock, and 160 pullets worth \$1.25 apiece were added to the flock during the year. The total receipts were \$1,622.83 and the total expenses \$431.06. The gross receipts for eggs in January, 1921, were \$180.78 and for December, 1920, \$179.72. The smallest receipts were in October when the return for eggs was only \$24.69. In November, 1920, egg receipts amounted to \$98.46. Receipts for other months were, February \$80.43, March \$82.98, April \$75.36, May \$73.83, June \$64.04, July \$71.51, August \$42.93 and September \$26.43.

Fertilizers for Apple Trees

A number of tests to determine whether nitrate of soda and acid phosphate will give results as fertilizers for apples are being conducted in Doniphan county this year. F. H. Dillenback, county agent says that last year a series of similar experiments were conducted. Some of these seemed to indicate that it would pay to use these fertilizers in limited amounts.

However, he says no very definite results were obtained on account of the failure of the apple crop. Mr. Dillenback says that on some orchards where the twig growth has been small the nitrate probably will give results by making a tree that is stronger and better able to resist injury from disease. Mr. Dillenback makes it clear that the farm bureau is not recommending a general application of any fertilizer until a more thorough try-out has been made.

Growing Interest in Canning

Some time ago Mrs. Julia Kiene, Shawnee county home demonstration agent, sent a questionnaire to women of the county to determine if possible whether they are making use of canning information presented by the home demonstration agent. She reports that replies to 36 of the 61 questionnaires were received and all of the 36 women who answered had used the information and that 35 of them had passed the information on—have taught someone else what they learned at the different meat canning demonstrations. All of the 36 women who replied stated that they would like to have more work with the home demonstration agent and a majority of them expressed a desire for some means of marketing farm products direct to the consumer.

Kansas Wool Pool Gets Results

The wool pool in Kansas is showing the producer that wool is paid for on a quality basis, according to C. G. Elling, acting manager of the Sheep and Wool Growers' Association. Mr. Elling says that every consignor to the pool is issued an "Account of Sales." This shows the exact grade of every consignment and gives the producer an idea of what kind of wool brings the most on the market.

As an example Mr. Elling cites the fact that a lot of wool from a single consignor last year was graded into nine commercial grades, ranging in price from 6 cents to 22 cents a pound. The consignment contained 148 pounds of bright fine and fine medium clothing wool, which sold for 21 cents a pound; 65 pounds bright half blood

clothing at 22 cents; 352 pounds bright three-eighths blood staple at 21.5 cents; 215 pounds bright quarter blood staple at 20.5 cents; 85 pounds low quarter at 13 cents; 391 pounds medium burry at 15.5 cents; 21 pounds medium black at 13.5 cents; 222 pounds fine burry at 15 cents, and 2 pounds of tag ends at 6 cents.

Mr. Elling says the grading, storing, handling, selling and freight charges are figured on the pound basis and make the marketing of low quality heavy grades expensive.

Mr. Elling says this expense of marketing is practically the same whether the wool is sold thru the pool or thru other channels. These items, he says, are either taken out of the price at the time of sale or deducted later as expenses.

Accredited Herds for Allen County

Twenty-four herds of dairy cattle in Allen county, are either on the accredited list, or application has been made for federal supervision. They are as follows: Shorthorns: S. M. Knox, Humboldt; G. A. Laude, Humboldt; C. W. Beeman, Humboldt; R. O. Ferneaux & Son, Moran.

Jerseys: Tom Scantlin, Savonburg; F. J. Dudley, Iola; A. J. Coope, La Harpe.

Dutch Belted: E. L. Yount, Humboldt.

Holsteins: J. W. Hamm, Humboldt; S. E. Ross, Iola; Allen County herd, Iola; Mrs. Bertha Weisner, Iola; Herman Balzer, Iola; Alva Shadwick, Iola; B. A. Ray, Iola; J. I. Conger, Iola; I. M. Baptist, LaHarpe; G. B. Darnold, LaHarpe; B. F. Houk, Moran; B. F. Dozier, Bayard; Fred Paul, Bayard; Stony Point Dairy, Carlyle.

Herefords: T. W. Whitlow, Moran. Aberdeen Angus: L. Spencer, Chanute.

Potato Tests in Wyandotte

The Wyandotte County Farm Bureau and M. G. Dreyer, of the Turner community, are co-operating in an experiment to determine the best and most successful method of treating potato seed to control black scurf, scab, and blackleg. The test will be made of potatoes treated 30 minutes, 60 minutes and 90 minutes with corrosive sublimate to determine the right length of time of treatment. The hot formaldehyde treatment also will be tried out. Last year many growers treated their seed only 30 minutes and were not successful in controlling these diseases. Others treated a longer period of time and received better results. Another test similar in character is being carried on on the John Taylor farm near Edwardsville.

Lime Tests for Bourbon County

A series of tests to determine the value of lime for alfalfa ground are being made in Bourbon county. According to A. C. Maloney, county agent, tests were made recently on the Jess Numer farm and on the J. W. Casner farm in the Scott community by R. B. Hendrick, committeeman in charge of this work. A third test is to be put out later in the spring on the John Foy farm in that community. Another test has been put out on the farm of Ed Wolf in the Ridges community, according to Clarence Holeman in charge of alfalfa work for the farm bureau in that community.

In these tests, 100 pounds of lime were spread on a plot of alfalfa 2 rods square. Every plot was staked off and marked and from time to time during the season committeemen will report as to whether or not the growth of alfalfa on the limed plot is greater than on the unlimed plots.

Seventy-five Boys Join Pig Clubs

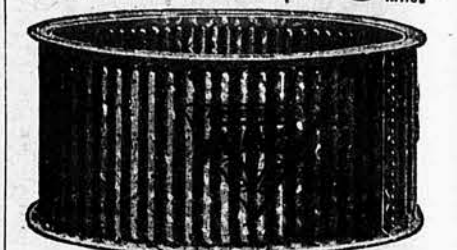
Seventy-five pig club members have been enrolled in Nemaha county, according to E. L. McIntosh, county agent. All applications for pig club work must be made before May 1 and Mr. McIntosh is making an effort to get all those who wish to do pig club work to enroll as early as possible. He says any farmer boy or girl, between 10 and 20 years old may enter the contests.

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We will send this Kitchen Apron Pattern, No. 9600, FREE to all who send in one new subscription to Capper's Farmer at 25¢. Your own renewal will count. Be sure and give size you want and mention Pattern No. 9600.

Capper's Farmer, Apron Dpt. 102, Topeka, Kan.

Middle West Plains News

BY EARLE H. WHITMAN

APPROXIMATELY 55,000 acres in two districts near Fort Morgan and Sterling, Colo., which 15 years ago were worth less than \$275,000 now are valued at 8 million dollars, according to a report of the U. S. Land Office at Denver. Federal reclamation is the explanation of the tremendous increase in value. The area embraced is known as the North Sterling district, near Sterling, and the Riverside district, near Fort Morgan.

Good Display Advertising

A piece of display advertising measuring 360 feet long and 75 feet wide is the boast of the Florence, Kan., consolidated school. On a smooth hillside the pupils and instructors of the school constructed huge letters, each 25 by 8 feet, using rocks of all dimensions. From 150 to 200 rocks, some weighing as much as 200 pounds, were used in constructing each letter. When completed, the top line read: "Florence Consolidated School," and below, "None Better." This unique sign overlooks the Santa Fe Trail, and the Santa Fe Railway, thus daily attracting the attention of a tremendous number of travelers.

New Potato Grade for Colorado

Following is a copy of the "Colorado Grade Standard," adopted by the Division of Marketing March 18, 1922. This is to be added to potato standards already in use.

"Two-thirds of the potatoes of this grade shall meet all requirements of U. S. Grade No. 1. The remaining one-third shall meet the size requirements of U. S. Grade No. 1 and shall meet the quality requirements of U. S. Grade No. 2, except that no dry rot shall be permitted, aside from the tolerance.

"In order to allow for variations incident to commercial grading and handling, 5 per cent, by weight, of the entire lot may be under the prescribed size, and, in addition, 6 per cent, by weight, of the entire lot may be below the quality requirements of U. S. Grade No. 2, but no more than one third of such 6 per cent, that is to say, not more than 2 per cent by weight of the entire lot, may have the flesh injured by soft rot.

"Since there is not any tolerance provided in the two-thirds which shall meet all requirements of U. S. Grade No. 1, the entire tolerance shall be included in the remaining one-third of the lot.

"All lots of potatoes shall be certified as one of the following: U. S. Grade Fancy; U. S. Grade No. 1; Colorado Grade Standard; U. S. Grade No. 2.

"When Colorado Grade Standard is used it should be followed by the percentage of U. S. No. 1 stock contained, the lowest limit being 'Colorado Grade Standard, 67 per cent No. 1,' and the highest limit being 'Colorado Grade Standard, 93 per cent No. 1.' This shall be shown on certificates, as well as notes.

"Any one can demand certification

as 'Ungraded' only if a lot is actually field run stock from which none of the better potatoes have been removed.

"Anyone can demand to have any lot whatever, good or bad, certified as 'Unclassified,' in which case they shall be described.

"Unclassified' shall not be used any longer, unless demanded by owner of the stock; excepting that lots which do not meet the requirements of U. S. Grade No. 2 shall be certified as 'Unclassified.'

"Terms such as 'Undergrade' and 'No Grade' shall not be used."

Four Farms Market 6,000 Eggs Weekly

Six thousand eggs delivered in Lyons weekly by four farmers is an indication of the importance poultry raising is beginning to assume in Rice county, Kansas. A flock of mixed White Leghorns and Barred Rocks, owned by James Laugen, lays between six and seven cases, or around 2,500 eggs, a week. Fred Babcock markets approximately 1,700 eggs a week from a flock of Leghorns and Rocks. E. G. Kimple brings in from three to four cases weekly, while Ira Burdette averages three cases. Even at the low time of the year so far as egg prices are concerned, one farmer reports a profit of 100 per cent on his feed thru a three-months period.

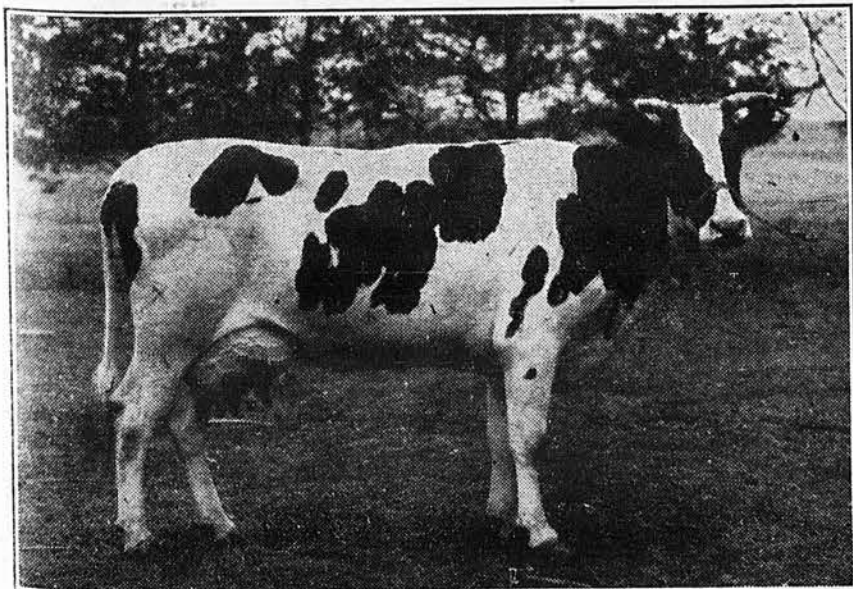
Some Interesting Mortgage Figures

According to a preliminary report recently issued by the Department of Commerce, thru the Bureau of Census, the total mortgage debt on owned homes and farms in Colorado in 1920 was \$101,670,549. The total value of these mortgaged homes and farms was \$305,552,445, the mortgage debt thus representing 33.3 per cent of the total value. Rented homes, tenant farms, and farms that are partly owned and partly rented, are not included in this report. When only owned farms are taken into consideration, the total mortgage debt was \$62,623,338, while their total value was \$211,700,699, the ratio of debt to value being 29.6 per cent.

Raising Onions in Finney County

Nick Merrill of Garden City, Kan., sold \$2,800 worth of onions from 4½ acres last summer. This year he is putting out 12 acres. Big results have come from Mr. Merrill's success. An association of truck growers has been completed and that section of Finney county promises to make a name for itself by production of onions. It is interesting to note that the development of this industry was forced to some extent by the need of farmers to raise some crop which would help to meet increased taxation caused by the cement highway and the Holcomb consolidated school, and onions promise to be the solution.

A bill has been introduced in Washington to make Armistice day a permanent legal holiday.



Among the Good Holstein Herds of Colorado is That of McKay Brothers at Hillton. One of Their Good Producers is Shown Here

Don't Put It Off



Put It On



DON'T put off painting. Put it on. It's cheaper to put it on than to put it off.

Cheaper because you have to put less on.

Put less on, because the wood drinks up less.

Waiting until an axle squeaks before you grease it, sure, isn't good wagon sense.

Waiting until your barn fairly cries for paint, before you paint, isn't good paint sense.

The cheapest time to paint is before you need to paint, not after. For your barns we make a special barn paint that has long lastingness.

It's sold by the one best dealer in each town. Send for circular giving you the full facts about our Standard Barn Paint.

The Lowe Brothers Co.

512 East Third St., Dayton, Ohio

Factories: Dayton, Toronto

Boston New York Jersey City Chicago Atlanta Memphis
Minneapolis Kansas City Toronto



Lowe Brothers
Paints - Varnishes

WIN \$15!

You can do it if you can spell
G-o-l-d-m-i-n-e-r

Above are nine letters. How many words can you make out of them? Ten? Twenty? Twenty-five? Read the rules carefully and try it. You may win \$15 cash prize.

\$15 Cash to Winner

The Kansas Farmer and Mail & Breeze will give \$15.00 in cash to the person who complies with the rules of this contest and sends in the largest number of correct words made from the letters in the word "Goldminer."

A Prize for Every List of 20 or More Words

To every person who complies with the rules of the contest and sends twenty or more words, we will give his or her choice of the following articles: String of Beads, Pocket Dictionary, four-lead Clutch Pencil, New Testament, Rag Doll, and a Stamped Organdie Collar and Cuff Set. Be sure to state choice of prize.

Read These Rules Carefully:

1. Make as many words as you can from the letters in "GOLDMINER". A few of the words you can make are: dime, role and in. Do not use more letters in the same word than are in GOLDMINER. A letter cannot be used more than once in the same word.
2. Every list of words must be accompanied by a one-year subscription to the Kansas Farmer and Mail & Breeze, at \$1.00 a year.
3. Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be counted as one word.
4. In case of a tie, each tying contestant will receive \$15.00 cash.
5. This contest closes June 3, 1922.
6. Three disinterested persons will act as judges and their decision will be final.
7. Webster's New International Dictionary will be used as authority.

Send Your List TODAY. Contest Closes June 3, 1922.

KANSAS FARMER AND MAIL AND BREEZE
Topeka, Kansas



GOLDMINER

See how many words you can make from the letters in "Goldminer." The Kansas Farmer and Mail & Breeze will give \$15.00 in cash to the person who complies with the rules of this contest and sends in the largest list of words. If you can make 20 words and will comply with the rules you will win a prize.

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Song of Life

A traveler on a dusty road
Strewed acorns on the lea;
And one took root and sprouted up,
And grew into a tree.
Love sought its shade at evening-time,
To breathe its early vows;
And Age was pleased, in heights of noon,
To bask beneath its boughs.
The dormouse loved its dangling twigs,
The birds sweet music bore—
It stood a glory in its place,
A blessing evermore.

A little spring had lost its way
Amid the grass and fern;
A passing stranger scooped a well
Where weary men might turn.
He walled it in, and hung with care
A ladle on the brink;
He thought not of the deed he did,
But judged that Toil might drink.
He passed again, and lo! the well,
By summer never dried,
Had cooled ten thousand parched tongues,
And saved a life, beside.

A nameless man, amid the crowd
That thronged the daily mart,
Let fall a word of hope and love
Unstudied from the heart,
A whisper on the tumult thrown,
A transitory breath.
It raised a brother from the dust,
It saved a soul from death.
O germ! O fount! O word of love!
O thought at random cast!
Ye were but little at the first,
But mighty at the last.

—Charles Mackay.

Rinsing Plays Leading Role

Rinsing is the all-important part of the washing. Its purpose is the essential one—the removal of the soil loosened in the rubbing.

When this is not accomplished, the clothes have a greyed appearance. Yellowed garments are caused frequently by the failure to remove all traces of the soap in the rinsing.

Warm water is more effective than cold. For white clothes, a scalding rinse is excellent.

To remove all the soil the rinse water needs to be forced back and forth thru the meshes of the garments. If one uses a washing machine, it is easier and better to rinse the clothes in it. Its mechanical force moves the water thru and about the clothes, giving good results.

When one does not use a washing machine, a hand operated plunger is helpful. It is nothing more than an inverted cylinder or funnel attached to a handle similar to a broom stick. As this is pushed down on the clothes and lifted up, its force and suction bring the water in and out of the clothes. With it come the soil and soap suds.

After this rinse, during which the pockets, pillow slips and stockings are turned wrong side out to be cleansed inside as well as out, the clothes are put in another one which contains bluing. The bluing is added and then the tubful of water is stirred so that the coloring will be distributed evenly. The garments are opened out when put in this rinse and are then wrung into the clothes basket.

Nell B. Nichols.

When Father Goes to Town

We used to be inclined to view the town trips of the man of the house as a source of enjoyment rather than real work.

It was not infrequent that I called out at the last minute to "not forget my 5 yards of lace" without giving father the slightest idea of the kind I wanted. Then daughter would call hurriedly from an upstairs window to "remember my face powder, I must have it!" And small son screamed that he needed a new battery for his flashlight. Poor father! He would jump into the car and scramble off lest some other member of his flock appear with last minute requests.

He did his best while buying machinery repairs and groceries and seeking a market for his late produce to remember my 5 yards of lace, Sue's face powder and Billy's flashlight battery. When he arrived home without the powder, with a flashlight battery that didn't fit and 5 yards of heavy linen lace instead of the valenciennes that I wished—well, the day ended none too pleasantly.

We have found that father's trip to town is much pleasanter and the results more satisfactory since we established an iron-clad rule to the effect that every article must be written down and some description of it given. For instance, I write "5 yards of white valenciennes lace, 3/4 inch wide." This saves father and the saleslady no end of trouble. Billy's request for a flashlight battery includes the make of the flashlight and the size of the battery; and Sue's face powder never fails to put in an appearance when she gives the name of the kind she wants.

Riley County. Mrs. L. C. D.

From "Worst" to Live Wire

Little Valley school district No. 24, of McPherson county, became tired of being called the "worst district in the county," so the patrons organized a club last September to promote community welfare. They made out a definite program of work for the entire season. The programs dealt with such topics as better schools, club work, patriotism and health.

Several weeks before the health program, State Board of Health posters were placed in the school room for the boys and girls to study. A week before the program, pictures that had been clipped from magazines were given to

The usual program was dispensed with and the afternoon was devoted to examining the children under 5 years. One of Manhattan's leading physicians examined each child, testing heart, lungs, vision, hearing, mentality and temper. A nurse in attendance checked off each item as the doctor directed. The baby was then weighed and measured. These figures were placed upon a card and the cards sent to the county health office in the county seat. I understand that of the 14 children examined, none scored 100 per cent.

The women in planning the clinic were careful to emphasize that this was to be a clinic, not a contest. "It's not so important to learn who has the most nearly perfect baby as it is to know whether there is any defect in our own," they said.

Surely we need not only better pigs, calves and colts, but also "better babies" on the farm.

Mrs. John Dobson, Jr.
Riley County.

Sons' Favorite Dessert

Had you thought about making some Lincoln snowballs for dessert? During the spring days the most of us find it rather difficult to prepare "something different." This recipe has

One of Our Oldest Pioneers

It is 72 years since Mrs. Catherine Beck came from her girlhood home in the "blue grass region" of Kentucky

to Leavenworth. The Kansas prairies, valued at that time at 17 cents an acre, were the finest hunting grounds in America and the Indians wandered at will over this land promised them by ancient treaties "so long as grass grew or water ran." It was 17 years after that before the tide of immigration disturbed them.

Mrs. Beck was five days coming by boat on the Missouri river from St. Louis to Fort Leavenworth. Her husband was stationed at Fort Leavenworth. General Sherman and his family were her nearest neighbors and the Custers were her friends.

Was Civil War Nurse
During the Civil War she was active as a nurse and admits that memories of her girlhood left a soft spot in her heart for the wounded Southerners. She is department president of the Society of Civil War nurses, and attends all meetings.

Altho 90 years old, Mrs. Beck is so tall and straight and has so few gray hairs that she "doesn't look the part." She lost her husband and children many years ago, and now makes her home in the Masonic home in Wichita. Mr. Beck was a charter member of the first Masonic lodge in Kansas.

Loved mementoes of early days give Mrs. Beck's pleasant room a "homey" look. Among them are a "whatnot," chain-stitched pillow shams, tidies and a clock of historic fame. But her special pride rests in her shawls. A handsome Paisley shawl is but a background when she brings out her Persian shawl brought to her mother by her grand-uncle, a navigator who, at one time, was with Admiral Perry on the Great Lakes. The shawl, valued at \$1,000 is made of camel's hair and Thibet goats' hair. Three men were four years in making it.

Elizabeth Palmer Milbank.

Likes Apple Geranium

The apple geranium does not have a blossom that amounts to much and the plant has no special beauty to recommend it but it is very sweet. Our grandmothers loved it for the ripe apple fragrance of its leaves.

This geranium is a trailer and is grown in hanging baskets. When the leaves are touched the delightful fragrance scents the entire room. The slender stems can be looped and wound together and will make a pretty effect. By planting some close compact bloomer in the center of the basket a pretty and showy effect may be had. It can be used in porch boxes, also.

Bertha Alzada.

Change in Lunch Box Menu

To provide a change in the school lunch box, orange cookies are worth considering. Practically all children like them.

Orange Cookies

1/2 cup shortening
1 cup sugar
Grated rind of 1 orange
1 egg
1/2 cup orange juice
3 cups flour
4 teaspoons baking powder

Cream the shortening and add the sugar. Stir in the egg and other ingredients. Chill before rolling. Roll on a floured board into a thin sheet, cut and bake in a moderate oven. More flour may be needed.

Wilson County. Mrs. L. R. P.

Mothers Have a Night Off

Athletics Replace Fancywork in Blue Rapids Club

BY LULU MAY ZELLER



Refreshments Follow the Game

THE women of Blue Rapids, Kan., have established a new precedent in women's clubs. They have departed from the usual type of social and literary club and have taken a step in the field of athletics. Every Monday night they meet at the local high school gymnasium for an hour or more of frolic on the basketball court. Three years ago, Mrs. Grace Brown

of Blue Rapids founded what is called the "Diversion Club." Its purpose is a "night out" for the matrons. The club has been in existence ever since and during this time the interest never has lagged.

The club is composed of women of middle age, who leave their babies and home duties with their husbands while they enjoy this one night of diversion. The regular meeting night is Monday, and on this night the local high school gymnasium is a scene of much merriment. The women come prepared to play basket ball, volley ball or any game their fancy dictates.

Mrs. Brown, founder of the club, is an accomplished athlete. She has three grown children—two sons and a daughter. Her two sons attend the Kansas State Agricultural College, and her daughter is a senior at Northwestern University. Mrs. Brown has given special attention to her children's athletic training, and all three of them have distinguished themselves in athletics at college. Well developed bodies aid in advancement.

the children. They were instructed to make posters and give them titles. These boys and girls have learned a double lesson while preparing these posters.

Mrs. A. H. W.

McPherson County.

Club Holds Baby Clinic

The Fortnightly Club of Ashland, township, near Manhattan, is composed of wide awake farm women who keep tab on current affairs and who believe that the good things of the cities are possible for farm people.

They reasoned that if it is well to hold clinics in the cities where babies may be examined and have their defects pointed out, the country children should have the same attention. So arrangements were made for holding a clinic at the home of Mrs. John Linn.

proved to be quite popular with my three sons.

Lincoln Snowballs

1 cup rice
1 teaspoon salt
5 or 6 small apples
Sugar to suit taste
Cinnamon

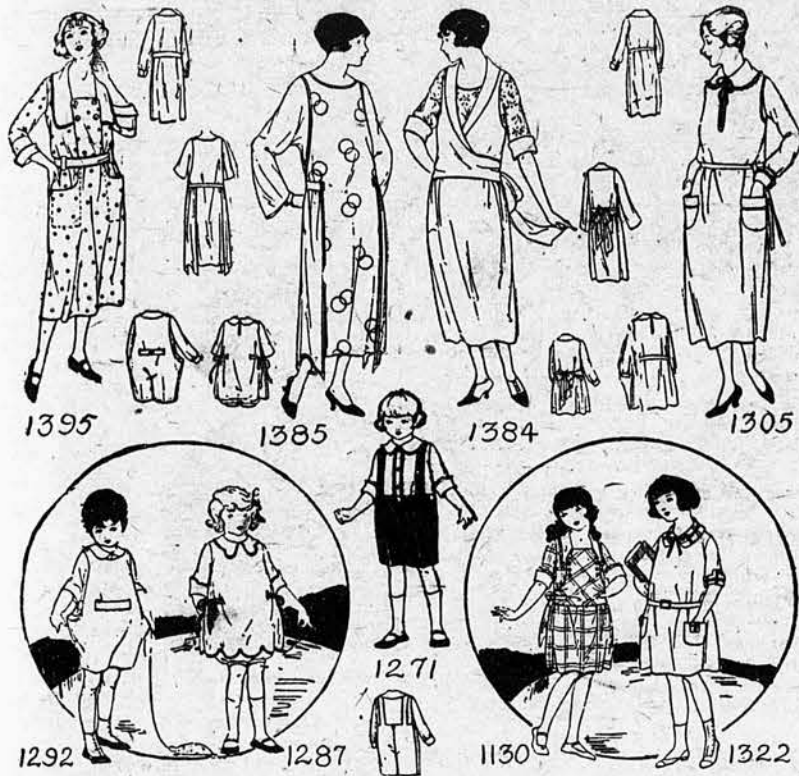
Steam the rice until it is soft. Core and pare the apples. Have ready 5 or 6 pieces of cheesecloth about 10 inches square. Dip into hot water and wring. Lay one at a time on a plate and spread with a layer of cooked rice about 1/2 inch thick. Place an apple in center, fill center of apple with rice and draw the cloth around the apple, being careful to cover it with the rice. Sprinkle with sugar and cinnamon. Tie the cloth rather tight. Place in steamer and cook until the apples are soft. Serve with cream and sugar. Apricots or peaches may be used.

Mrs. S. M.
Lincoln County, O.

New Styles Are Alluring

Featuring Chic Modes in Children's Clothes

BY MRS. HELEN LEE CRAIG



1395—Woman's House Dress. Sizes 36, 38, 40, 42 and 44 inches bust measure. Size 36 requires $3\frac{1}{2}$ yards of 36-inch material with $\frac{3}{4}$ yard of 36-inch contrasting material and $4\frac{1}{4}$ yards of binding.

1385—Woman's and Misses' Jumper Dress. Sizes 16 years and 36, 38, 40, and 42 inches bust measure. Size 36 requires $2\frac{1}{2}$ yards of 36-inch material with $2\frac{1}{2}$ yards of 36-inch contrasting material.

1384—Woman's and Misses' Jumper Dress. Sizes 16 years and 36, 38, 40 and 42 inches bust measure. Size 36 requires $4\frac{1}{2}$ yards of 36-inch material with $1\frac{1}{4}$ yards of 36-inch contrasting material.

1305—Woman's and Misses' Jumper Dress. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure. Size 36 requires $2\frac{1}{2}$ yards of 36-inch material for dress and $1\frac{1}{4}$ yards of 36-inch material for guimpe.

1292—Boys' Suit. Sizes 2, 4 and 6

years. Size 4 requires 1 yard of 36-inch material for trousers and $\frac{7}{8}$ yard of 36-inch material for waist.

1287—Child's Dress With Bloomers. Sizes 2, 4, 6 and 8 years. Size 4 requires $2\frac{1}{4}$ yards of 36-inch material with $4\frac{1}{4}$ yards of binding.

1271—Boys' Suit. Sizes 2, 4 and 6 years. Size 4 requires $\frac{3}{4}$ yard of 36-inch dark material with 1 yard of 36-inch light material.

1322—Girls' Dress. Sizes 6, 8, 10, 12 and 14 years. Size 8 requires 2 yards of 36-inch material with $\frac{1}{4}$ yard of 36-inch contrasting material.

1130—Girls' Dress. Sizes 6, 8, 10, 12 and 14 years. Size 8 requires $2\frac{1}{4}$ yards of 36-inch material with $\frac{1}{4}$ yard of 36-inch contrasting material and $1\frac{1}{2}$ yards of ruffling.

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

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

Blushing

Why is it some persons blush more easily than others?—Mrs. G. H.

The degree of redness that shows in the face when one is embarrassed depends on the amount of blood in the blood vessels and the thickness of the outer skin. Most of the blood vessels lie in the inner skin which is covered with the epidermis.

Christening Age

At what age should a child's christening take place?—Mrs. W. R. S.

A child usually is christened when 6 to 8 weeks old. Some parents prefer an earlier date.

Mending Storm Curtains

Kindly tell me how to mend a broken place in a rubber storm curtain.—A. S.

Purchase some rubber mending tissue. Place the tissue on the right side of the tear, turn the curtain and carefully cover the wrong side. Press lightly with a hot iron.

Shoe Trees Preserve Shoes

Is there any way I can keep my dress shoes from losing their shape?—Mrs. S. W. R.

You can purchase shoe trees which are made for helping shoes retain their shape. These are inexpensive. Or you can stuff your shoes with soft paper.

How to Wash Hair Brush

Kindly print directions for washing a hair brush.—Mrs. I. J.

Comb the loose hair out of the brush. Strike the bristles against a smooth, hard surface to loosen dust and dandruff. Wipe bristles with a coarse

towel. Put 1 tablespoon of ammonia in 1 pint of medium hot water. Dip the bristles in the water. Do not immerse the back of the brush in the water for the glue will be softened and the bristles will fall out. Rub the bristles with the hand until all of the dirt is removed. Rinse the brush in 1 pint of clear water to which 2 teaspoons of alum have been added. The alum will toughen the bristles. Stand the brush on the bristles while it dries.

Water Spots on Waxed Floors

Please tell me how to take water spots off of waxed floors.—Mrs. L. C.

Dip a flannel cloth in turpentine and rub the spot with a circular movement. The turpentine will partially soften the wax so that it will give up the dirt.

Dehydration Preserves Flavor

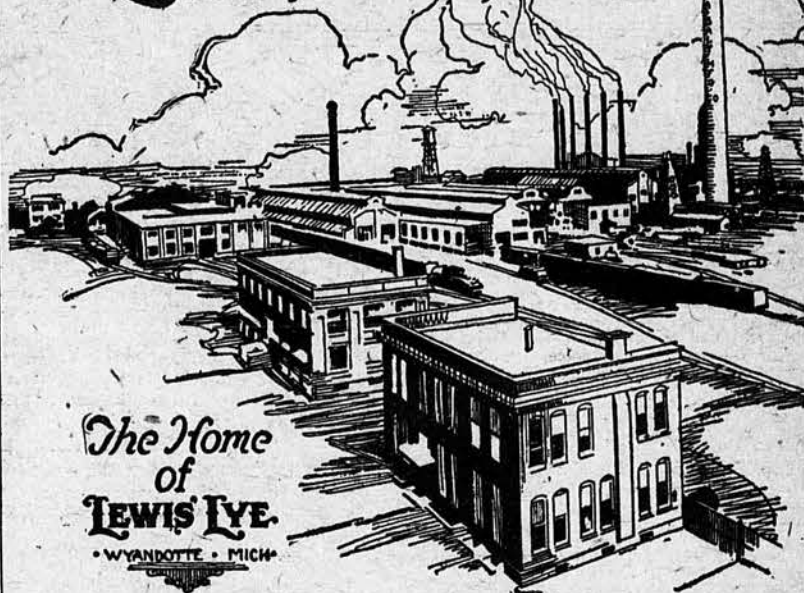
When vegetables peep thru the ground and fruit trees burst into bloom housewives begin thinking about preserving foods. Recent years have shown an increased interest in preserving food by dehydration instead of drying.

Broadly speaking, dehydration is a method of extracting the water from food quickly without rupturing the membranes or cell walls. Thus only the water is taken away and the volatiles, the flavoring essences, the colorings and the nutritive properties are left in the cells. When dehydrated foods are soaked in water for a time their cells absorb moisture and furnish fresh food materials which may be cooked like the original raw foods.

Drying, on the other hand, is a slow process, so slow that the cell walls crack open allowing the volatiles and aromatics to escape and the coloring principles to change; hence the flavor and appearance of dried products are not and cannot be equal to those of dehydrated products.

LEWIS' LYE

The Supreme Soap Maker



The Home of LEWIS' LYE.

WYANDOTTE, MICH.

SATISFIED families everywhere, who will use nothing else but Lewis' Lye for soap making and general cleaning, have made this tremendous factory necessary. Every day Lewis' Lye is shipped from the factory to supply the ever increasing demand from a nation which has learned that Lewis' Lye is the best cleaner and soap maker ever used.

The good will which is back of this factory has been built upon years of square dealing with the public.

For a period of more than 60 years Lewis' Lye has been the most popular soap-maker.

In your soap-making this spring, and in your general cleaning work throughout the year, use Lewis' Lye whose standard for purity, uniformity and strength has been maintained for more than 60 years. It is superior because it is the only lye-made, packed and sold by manufacturing chemists. For sale everywhere by All Good Grocers.

The Truth about a Lye

This is the famous booklet which has made soap making easy and profitable—has brought relief from many household drudgeries—has helped to keep farm utensils clean and free from germs.

Over a million copies have already been distributed at a cost of many thousands of dollars to us. It is a valuable book—37 recipes—40 other uses—keep it. If you have not received yours—write for it at once. We will send it to you FREE.

PENNSYLVANIA SALT MFG. CO.

Manufacturing Chemists

Philadelphia : Penn.

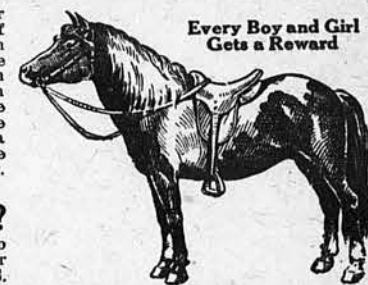


Pony, American Flyer and a Bicycle Given

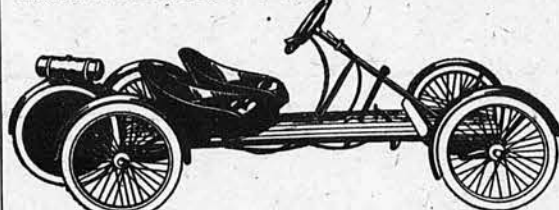
Every boy and girl should have the proper kind of enjoyment, pleasure and exercise out of life. What could give you more enjoyment than to be the proud owner of a real live pony; a little automobile that will run from 4 to 25 miles an hour or a dandy bicycle like the one shown in the picture? You may have your choice of any one of these rewards, and the one you select will be sent to your home all charges prepaid. I have a reward for you, so write and tell me which one you would like to have. It will cost you nothing. For full information mail coupon below.

Which of the Rewards Do You Want?

Just fill out the coupon below and be sure to mention which reward you want—Pony, Auto or Bicycle—and I will tell you how to get it FREE. I have given away a great many Ponies, Autos and Bicycles to boys and girls and each one who has received a reward filled out and mailed in a coupon promptly, just like I am asking you. Only one reward to a family.



Every Boy and Girl Gets a Reward



Here is a Dandy Automobile for the Young Folks

80 Miles on One Gallon of Gasoline. This is not a toy, but a real Automobile, built especially for boys and girls. It gets its power from the motor wheel at the rear and will easily carry two passengers. It is just the thing to run errands in for your Father and Mother—the farther the distance, the better you will like the job. You can be the proud owner of one of these dandy rewards. But you must hurry. Mail the coupon today.

UNCLE DICK, The Reward Man, 519 Capper Building, Topeka, Kansas.

Dear Uncle Dick: The reward I would like to have is..... Please tell me how I can get it without one penny's cost.

Name

P. O. State.....

St. and No. R. F. D.

Lost Springs, Kan., Nov. 10
Dear Sir: My Shetland Pony arrived on Nov. 4th. He surely is a fine pony, and I certainly think him a prize well worth working for. I am a little girl just nine years old. I ride my pony to school now as I have two miles to go and he comes in handy. I thank you for my dandy prize.
ENOLA OLIVER

I have given away 100 Ponies, Autos and Bicycles to boys and girls. If you want one of the rewards, use the coupon today.



We will pay the express on each reward so it will not cost you one penny.

"Starts Me Right—
Makes Me Grow!"



Brooks Buttermilk Chick Starter contains the lactic acid and vitamins, that helps to prevent white diarrhea 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
BOX 9, FORT SCOTT, KANSAS

Low R. R. Rates to Western Canada

Excursions on 1st and 3rd
Tuesday of Each Month

Single Fare Plus \$2 Only
for the Round Trip

The recent advance in the price of farm produce warrants increased interest in farming. Economically, Western Canada, on account of its low priced lands and their high productive quality, today stands pre-eminent in its position as far the best field for economic agriculture. Take advantage of the low railway rates, which are to be had on these excursion dates, to inspect Western Canada lands, examine into their resources and the profits so easily to be obtained.

Write the Canadian Government Agent who is nearest to your home for particulars as to rates, dates and any other information you may desire.

F. H. HEWITT,
2012 Main St., Kansas City, Mo.
Authorized Canadian Government Agent

EMPIRE ICELESS REFRIGERATOR

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For Our Young Readers

Big Achievements Shown by State Champions in the Kansas Boys' and Girls' Clubs for 1921

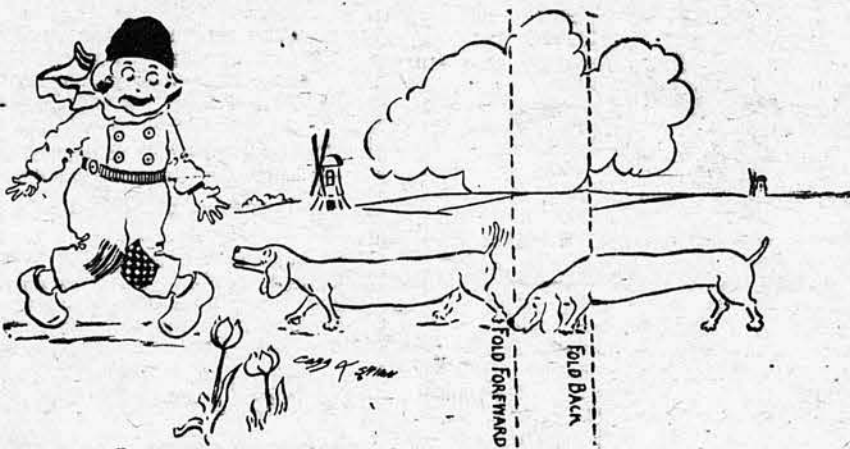
CANNING 931 quarts of food in one season, besides making a profit of \$299 from a garden; baking 780 loaves of bread and countless numbers of buns, biscuits and muffins; winning first prize on a bedroom set exhibit at six fairs; raising seven pigs and making a profit of \$117 from them—these are some of the achievements of the state champions in the Kansas boys' and girls' clubs in 1921.

State champions named by the state club office are: Geneva Kuchera, McLouth, poultry club champion; Frances Shaw, Bonner Springs, own-your-own-room club champion; Edyth Brune, Jarbalo, bread club champion; Lucile Mannen, Paola, clothing club

\$283 in poultry work. Frances Shaw made furnishings for her room and won first prize on her furnishing exhibit at three local fairs and at the three state fairs. Edyth Brune did all the family baking for a year, baking 780 loaves of bread, 83 dozen buns, 93 dozen biscuits and muffins, 89 cakes, 75 dozen cookies and 84 pies. She also prepared 541 meals.

Erma Pashman sold \$310 worth of vegetables from her garden. In addition she canned 341 quarts of fruit, 514 quarts of vegetables and 66 quarts of meat. Lucile Mannen had the best clothing exhibit at the Kansas Free Fair last fall and made all her own clothes during the year.

Fold This Right and You'll See a Strange Sight!



champion; Erma Pashman, Perry, garden and canning clubs champion; Giles Swan, Centralia, corn club champion; Wilbur Mannen, Paola, sow and litter club champion; Junior Manchester, Chiles, pig feeding club champion; Franklin Homan, Peabody, sheep club champion; Raymond Overton, Overbrook, calf club champion; Adolphus Grabbe, Antonio, sorghum club champion; Jack Elliott, Effingham, baby beef club champion.

Geneva Kuchera made a profit of

Giles Swan raised 60 bushels of corn on his club acre and made \$23.92 profit. Wilbur Mannen raised seven pigs from a purebred Duroc Jersey sow and sold them when they weighed 225 pounds a head. His profit was \$117.58. Junior Manchester made a profit of \$9.95 by feeding one hog. Adolphus Grabbe raised 12 acres of kafir and won first prize on his exhibit at the Ellis county fair. Jack Elliott fed a grade Shorthorn steer for 178 days and sold him for \$169.95.

From Our Letter Writers

I have two pets, a dog and a cat. The dog's name is Don Ned Will. The cat's name is Buster. Don likes to hunt. One day he was hunting and hurt his leg. I had my little wagon along and I let him get in. He rides anywhere I go. My cat likes to hunt, too. He catches mice, gophers, rabbits and rats. One day Papa saw Buster bring a big rat up to the house. It was about as large as the cat. I am 11 years old. **Aura Evans.**

A Hand-Shaking Horse

I am 12 years old and live 5 miles from town. I am in the eighth grade at school to which I walk 2 miles. I have a dog named Shep and two cats named Tom and Spot. My dog chases the cattle and horses and my brother takes him with him when he goes for the cows. Sometimes I go for the cows and ride a horse named Dan. Dan will shake hands with me when I tell him to. My brother drives Dan to his buggy. He holds the shafts up and Dan will walk under them. I milk

two cows every night and morning. Their names are Brindle and Valley. I help my mother with her chickens and she gives me some for my own. They are Rhode Island Red chickens and I think them very pretty.

Opal Partington.
Fall River, Kan.

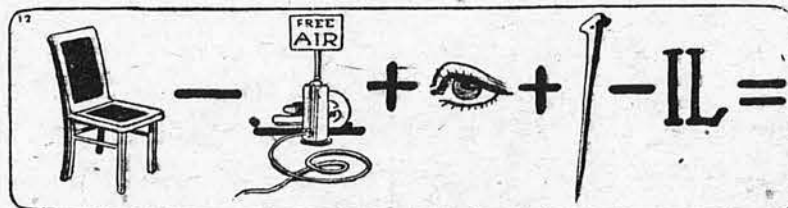
Susie and the Little Pigs

I am 8 years old. I have a sow. I named her Susie. She has eight little pigs. They are 2 weeks old. We weighed one of them and it weighed 83-10 pounds. I have 10 calves, a horse and 10 baby chicks. I am in the third grade. **Lois Adams.**

Modoc, Kan.

Never Missed a Day

I am 12 years old. I went to school 8 months without missing a day—or being tardy. We milk four cows. We have a dog named Rover. When we come home from Belmont he will run and play. He shakes hands, too. We have 165 chickens. We expect to have a lot more soon. I am in the fifth grade at school. I will close. **Belmont, Neb.** **Howard Peery.**



Here is another geography puzzle. When you find what country it represents send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze. There will be a package of postcards each for the first 10 boys or girls answering correctly.

Solution April 8 puzzle: When it rains cats and dogs is the worst weather for rats and mice. The winners are Blanche Hubka, Louise Symms, Mamie Logan, Wilson Boyd, Evelyn Nuzman, Vera Haney, Leona Fowler, Avis Merryfield, Fred Krafft and Violet Wernet.

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NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail and Breeze and any two or more other magazines you want.

Kansas Farmer and Mail and Breeze, Topeka, Kansas.

Enclosed find \$..... for which please send me all the periodicals named in Club No. for a term of one year each.

Name

Address

Health in the Family

Treatment for Eczema Requires Careful Dieting

BY DR. C. H. LERRIGO

LATELY the medical profession inclines more and more to the theory that most cases of eczema are explained by an undue sensitiveness of the patient to certain proteins which are chiefly taken as food, altho they are equally irritating to the patient if introduced into the system in other ways.

It is rather hard to lay down absolute rules for a favorable diet in eczema. Patients learn for themselves, after a little study, what foods are well borne. As a rule, if the patient is poorly nourished and anemic, he should eat hearty food such as mutton, beef, milk and cream, as well as fresh vegetables. When the starch digestion is poor the patient may usually get aid from fatty foods and often does well by adding olive oil to the meals and in some cases cod-liver oil. In the over-fed plethoric patient, however, the diet must be restricted to the lowest point consistent with the health of the individual. In such cases good results are often obtained from an absolute milk diet, or if that is too radical, a diet of bread and milk kept up for several weeks. Remember that certain articles of food are especially likely to produce skin irritation. Chief among these are eggs, cheese, pork, sausage, coffee, tea, cocoa, oatmeal, confectionery, shell-fish, grapes and their skins, strawberries, gooseberries, raspberries, certain canned goods and vinegar. A good way to discover your own particular enemy is to go on a milk diet and gradually add only such articles as prove harmless.

Constitutional treatment in eczema consists in curing up every bodily ailment. Even the most remote disturbance may prove to be the key to the eczema treatment. If there is constipation, it must be overcome; indigestion must be corrected; hemorrhoids, varicose ulcers, old pus sinuses of any kind, being especially provocative of eczema, must receive careful attention. All sources of external irritation must be removed and this includes the irritation produced by scratching. It is no easy job to cure eczema but it can be done in most cases if the patient is willing to pay the price of eternal vigilance.

Probably Nervousness

How can I break my 2-year-old child from the habit of biting her finger nails? She seems to swallow them, is it injurious?
K. L. C.

Covering the nails with adhesive plaster will help but it may be necessary to put a pasteboard splint on each elbow so that the child cannot get her hands to her mouth. This is a very bad habit and indicates some fault in the nervous system. The child should be studied from every angle to see just where the fault lies.

Use of Hot Water Bottle

Would a hot water bottle kept in contact with the body all night be of any benefit to old people?
A. H.

In cold or damp weather-artificial heat is very acceptable to old people and will often be the very thing needed to give them comfortable sleep. Usually the heat is most needed at the knees and the feet. Be very sure that the water bottle is not leaky and that the heat is not enough to burn.

A Case for Special Treatment

When I am coughing I pass urine involuntarily. I cannot keep it back no matter how often I empty the bladder. Please advise treatment.
MRS. H. M.

Get the cough cured for one thing. That is essential for many reasons. It is no uncommon thing for women to have a weakness of the bladder such as yours. A good doctor can give some relief but the condition is hard to cure during child-bearing life. Each case calls for treatment according to its own special symptoms.

No Specific for Bronchial Asthma

Bronchial asthma can be cured entirely by medical treatment, or if patient be over it during summer, will it return again the following winter, when patient again takes cold? Is there anything that will prevent the smothering, gasping breath attacks which occur in this? Is it natural in cases of this kind for the breathing to seem rather

difficult during the day, with a heavy feeling in the abdomen, making one feel very uncomfortable?
JENNIE D.

Bronchial asthma, when it has become chronic, is a disease that is very hard to cure. It requires constitutional changes. Getting over it in a dry season is no indication that it will not come back when exposure occurs. It is not usual for the breathing to remain heavy and labored after the attack has passed, but it will become so on slight exertion. Removal to a dry, sunny climate may be necessary. There should be a careful examination of the heart to determine what amount of exercise the patient may take and the whole order of living should be regulated.

Proving Profit in Poultry

(Continued from Page 2)

up in 15 or 20 minutes was fed at 7:30 p. m. and also early in the morning. A small quantity of sprouted oats was given to the birds every noon.

The scratch ration consisted of 50 per cent coarsely cracked corn and 50 per cent high grade wheat screenings.

Artificial light was used with this flock. The lights were turned on at 4:30 o'clock in the morning and burned

until daylight. They were used again in the evening when the hot mash was fed.

In submitting a report to the county agent Mrs. Thompson wrote:

"My flock was in poor condition at the start of the contest being in a partial molt but the birds have made a steady gain and still are going strong. I have used the following schedule for feeding: Lights are turned on at 4 a. m. and equal parts of wheat and corn are fed in litter; 8 a. m., moist mash; noon, sprouted oats; 4:30 p. m., a heavy feed of scratch grain; 7:30 p. m., all the moist mash the chickens can clean up. Lights are turned out as soon as the mash is eaten.

"Dry mash was kept before the birds all the time. The last month powdered buttermilk was kept before them continuously. A decided gain was made as a result of this addition. The fertility of the eggs has not been damaged by this ration, thus far averaging 87½ per cent, hatching strong, vigorous chicks. My expenses during the contest were about \$48.65."

"The contest also proved," said Mr. Adair, "that persons who hatch chicks at the proper time can get high egg production. Leghorns should be hatched from March 25 to April 25 and the heavier birds two weeks earlier. If pullets begin laying before cold weather starts they are likely to continue. It is difficult to get them started once cold weather comes."

In the record book sent to every contestant some poultry hints were given:

"Give the hens the best of care—it will pay. Keep the flock on a dry floor and in a house free from drafts. Plenty of sunlight and fresh air keep the

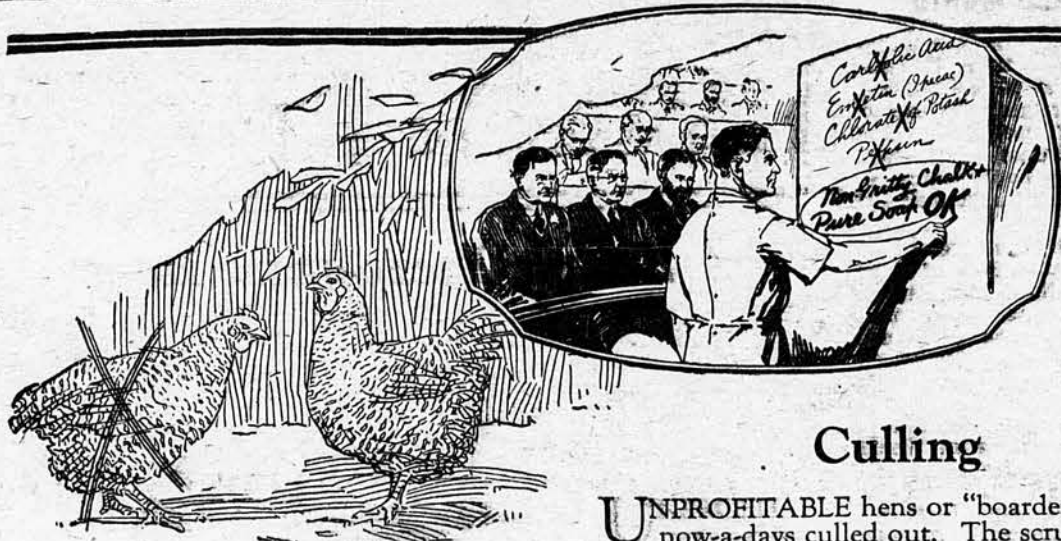
hens well. Get every louse by using sodium fluorid. Fight the mites by spraying with a good coal tar dip or kerosene and crude oil. Give the flock a dose of Epsom salts before starting the contest and again so soon as any sickness occurs. A dose is 1 teaspoon to the bird, dissolved in water and sprinkled over the mash. Take out every sick bird immediately."

A second contest is planned for next year and it is probable that the prize money will be doubled so that 10 prizes may be awarded. It is felt that the full benefit of the 1922 contest only can be realized if another is given so the things farmers participating in the first contest learned, may be applied in the second.

Apron Pattern Free

The busy houseworker will readily appreciate our new one piece Apron Pattern as it is the most practical that can be worn and it only takes 2 yards of 36-inch material for apron, size 36. It is simple, attractive and comfortable. The pattern is cut in three sizes; 36, 40, 44 and will be given free with one new one-year subscription to Capper's Farmer at 25c. Be sure and give size you want, and mention pattern No. 9600. Address Capper's Farmer, Apron Dept. 51, Topeka, Kan.—Adv.

A huge range finder, with a metal tube 100 feet long, mounted on a carriage which swings on a circular track like a turntable, has been developed in England; and is said to be the largest in the world. It is three times larger than any used in the World War and will locate an object as far away as 22 miles.



Culling

UNPROFITABLE hens or "boarder-cows" are now-a-days culled out. The scrub passes—the purebred remains. Likewise in selecting a dentifrice for family use you have to choose between the "culls" and the really worth while tooth cleansers.

"Cull" tooth pastes may contain drugs for which impossible claims are made. Or they may contain harsh grit which scratches or scours the precious, protective enamel of the teeth.

COLGATE'S Cleans Teeth the Right Way

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Colgate's is a good, honest, common sense dentifrice without drugs or harsh grit. Colgate's Ribbon Dental Cream loosens clinging particles from the teeth and "washes" them away without scratching or scouring. No dentifrice can do more. And the flavor of Colgate's is delicious—it leaves the mouth clean, cool and refreshed.

More dentists recommend Colgate's Ribbon Dental Cream than any other dentifrice—they know it's not a passing fad—but a "true-to-type" dental cream. A LARGE tube of Colgate's costs only 25 cents—why pay more?

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Good Teeth - Good Health

CONDITIONS of Kansas crops and farming in general continue to improve and there is no gloom today on Kansas farms. Recent rains have caused a marked change in wheat for the better and a fairly good crop is now expected. Spring pastures are at least two weeks in advance of the condition that they showed at this time last year. "The new wheat crop," says S. D. Flora, the state meteorologist, "was favored by the week's weather. In the eastern third wheat, almost without exception, is looking fine. It is jointing in the southeastern and a few south central counties and stooling satisfactorily elsewhere in that district, where stands completely cover the ground. Wheat in the western and north central counties is much behind the crop in the eastern part of the state. Some of it is stooling and covers the ground, but a great deal has come up so recently the ground seems almost bare even yet and Russian thistles, which in many places have as much of a start as the wheat, threaten to choke it out."

"Alfalfa and pastures are doing fine generally. In Montgomery county alfalfa is 6 to 8 inches high and in the northeast counties pastures will soon support stock. Peach, apricot, pear, and plum trees are blooming generally. In some of the more southern counties fruit has already set on these trees." The heavy rains now have thoroughly moistened the subsoil as well as the soil so that all spring planted crops will get an excellent start, and even if only moderate rains fall thru the summer fairly good crops will be raised in every part of Kansas.

Implement Manufacturers Hard Hit

Farmers were very much discouraged last fall on account of the low prices paid for many farm products, but they are now realizing that they were not the only persons who were hard hit. When farmers under such discouragements quit buying machinery and equipment manufacturers of tractors, motor cars and farm implements, implements were hard hit and suffered along with the farmers.

One of these concerns in a recent report shows an operating loss of more than 2 1/2 million dollars. So far as the cost of materials and labor used in their manufacture are concerned farm implements now are lower priced than ever before. In fact materials which make up 80 per cent of the cost of producing farm machinery now cost 65 per cent more than before the World War, yet the average price of implements is less than 50 per cent higher than the pre-war level. Manufacturers of all kinds of machinery have been hard hit and they are taking their medicine just as the farmers took their dose last fall.

Lower Prices for Machinery

In a recent report the United States Department of Agriculture says: "The average of prices for things farmers buy was 1.6 per cent lower February 15, than on January 15, according to a survey made by the United States Department of Agriculture. The decline since February 15, 1921 is 20.2 per cent. The declines for the month were most pronounced in the case of machinery and tools such as tractors, cream separators, harrows, lumber, manure spreaders, mowers, scythes, and wheelbarrows. Prices of fertilizer and leather goods such as harness and shoes show but little change."

State Crop Report

Farmers generally I think are feeling more cheerful about the outlook for farming this year and are going right ahead with all of their farm work. In the last weekly report of the Kansas State Board of Agriculture, dated April 15, J. C. Mohler says:

"Plowing, harrowing and seeding were being rushed the last of the week in all sections, except East Central Kansas where the soil is still wet. The high winds the last two or three days have done no damage so far as soil blowing is concerned and have been of great help in drying the ground sufficiently for cultivation. Rivers in Eastern Kansas have been bank-full and during the last week many of them have overflowed causing some loss on bottom land fields of wheat and alfalfa. This is especially true along the Neosho River in Coffey, Allen and Neosho counties.

"Generally wheat in Eastern Kansas is in excellent condition but is growing rank because of the continued wet

No Gloom on Kansas Farms

Crops and Livestock are in Excellent Condition

BY JOHN W. WILKINSON

weather. Thru north central and southwestern counties the condition is very spotted with poor fields predominating. Oats sowing is still going on in the northern part of the state altho it is very late for this work. If dry weather continues this week the preparation of corn ground will be the principal field work in the more southern counties and potato planting thru the Kaw Valley and northeastern section. Up to Saturday of last week fruit was in very good condition and no damage was noted at that time."

County Farm Prospects

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

Anderson—We had heavy rains last week which caused all creeks to overflow and considerable damage is reported. Fields are too wet to work, however, farmers are still planning to sow oats. The fruit is all right so far. Farmers are still reporting heavy losses of pigs. Drillers are striking oil all over the county. Roads are in good condition. Prairie hay brings from \$3 to \$5; alfalfa hay from \$6 to \$12 and eggs are worth 19c.—J. W. Hendrix, April 15.

Barton—There is plenty of moisture. Pastures and wheat are in excellent condition. Only a few oats have been sown here. Prices at public sales are satisfactory. Hens are worth 20c; eggs, 19c; potatoes, \$1.50 and butter is 25c; butterfat, 30c; seed alfalfa, \$8.—Elmer J. Bird, April 16.

Chase—It has been rainy and wet for a month. It also has rained every day during the past week. Some wheat is 3 inches high. Very few oats have been sown and just about half of the potatoes have been planted. Indications are that there will be a good fruit crop. Grass is well started. F. O. Pracht, April 17.

Clay—Farmers are putting in oats between showers. Only a small amount of the oats has been sown. Some oats have been drilled in wheat in the northern part where wheat is not growing satisfactorily. Alfalfa fields are green. Not many gardens have

been made. Peach, plum and apricot trees are in full bloom. Wheat is worth \$1.17; corn, 45c; butterfat, 30c and hogs are \$8.75; eggs, 19c.—P. R. Forslund, April 17.

Edwards—Moisture is plentiful. Oats and barley are starting nicely. Wheat plants are weak and will have a hard fight with weeds. Forty-five per cent of the wheat will be abandoned but the remainder shows 50 per cent of a normal crop.—Frank Carlson, April 15.

Elk—Excessive wet weather has retarded farm work. Wheat and oats show rank growth. Alfalfa and prairie grass are starting nicely. The public sale season is over. There is some demand for choice farm horses and mules. Newspapers are over-estimating optimism among farmers for increased crop acreages. General tendency among farmers this season is for fewer acres in crops.—D. W. Lockhart, April 16.

Ellis—We are still having dry weather and moisture is needed very much. Some oats and barley are being sown, however a few farmers are waiting for moisture before they plant. Wheat is becoming green a little, but we haven't half a stand. The weeds are coming so thick that we fear they will take the wheat. A considerable amount of wheat has been blown out by high winds. Very few public sales are being held but livestock brings very unsatisfactory prices. Not much wheat is going to market. Wheat is worth from \$1.25 to \$1.35; corn, 55c; butterfat, 30c and eggs are 18c.—C. F. Erbert, April 17.

Ellsworth—Frequent rains have soaked the ground thoroughly and delayed spring work. Oats seeding is just being completed. Early sown oats are up and growing nicely. Parts of the county have good wheat and other parts are poor. The average condition is below normal. Prospects for early grass are not very good. Eggs are worth 17c and butterfat is 27c; corn, 61c; wheat, \$1.30.—W. L. Reed, April 15.

Finney—We have had plenty of moisture recently. We are having excellent weather. Ground is in good condition for oats and barley. A considerable amount of oats and barley have been sown this spring. Wheat is excellent. Not many public sales are being held. Butter is worth 25c and eggs are 17c.—Max Engler, April 16.

Ford—The wind storm of last week did considerable damage to crops. Wheat is not as thrifty as it should be at this time of year. Farmers are divided in their opinion as to the possible outcome of the crops. Oats and barley are being sown in some of the wheat fields and later some will be planted

to corn. Wheat is worth \$1.31; barley, 50c; corn, 55c; butter, 30c and oats are 53c; eggs, 17c.—John Zurbuchen, April 17.

Gove and Sheridan—We are having warm, cloudy and damp weather. The wheat is starting nicely, however, some fields are a thin stand. Farmers are sowing oats and barley. A considerable amount of plowing is being done. Very few public sales are being held. Eggs are worth 16c and butter is 28c; cream, 20c.—John I. Aldrich, April 15.

Greenwood—Heavy rains fell last week. For awhile the creeks and rivers were all out of their banks and a great deal of damage was done. The creeks were higher than they have been for years. Farmers have been trying to get their oats planted but not many have done so. Some think it is too late, while others will plant any time in April. Wheat is excellent and is growing rapidly. Pastures have all been burned off and grass is starting. There is plenty of prairie hay but not much other feed.—A. H. Brothers, April 16.

Harvey—We had another soaking rain last week which means no oats sowing for several days. Wheat and alfalfa are excellent. Butter is worth 30c; butterfat, 34c; lettuce, 30c and eggs are 19c; potatoes from \$1.40 to \$1.75; onions, 12 1/2c a pound.—H. W. Prouty, April 17.

Kearny—We are having excellent weather. Farmers are sowing barley. Grass will probably do to pasture about May 5. Livestock brings good prices at public sales. Butter is worth 35c; butterfat, 25c and eggs are 17c.—Cecil Long, April 15.

Labette—We are having lots of rain. Only about half of the oats and potatoes are in the ground. Wheat and oats are growing very rapidly. Peaches and plums are in full bloom. There are some green bugs in wheat. Farmers were lucky who fall plowed. Flour is worth \$2; corn, 55c; bran, \$1.25 and seed potatoes are \$1.50; oats, 35c; eggs, 20c; shorts, \$1.35.—J. N. McLane, April 16.

Lane—At a farm sale during last week horses sold for very poor prices; cattle brought a fair price; milk cows went high and machinery brought all it was worth. There has been no rain here since last fall. The snow gave us some moisture. Wheat is just coming up. The early wheat made a poor stand caused by worms but the late wheat is making a good stand. All of the barley and oats have been sown. Cattle and horses are in good condition. Grass is just starting. Butterfat is worth 28c; wheat, \$1.30; barley 50c and eggs are 17c.—S. F. Dickinson, April 17.

Linn—We have been having very wet, damp weather most of the time for the last 10 days. Creek banks are full. No farm work is being done. There will be less oats sown than usual. Grass and wheat is growing and trees are blooming. Stock is on grass in some places. There have been many fires recently. Not many sales are being held. A number of country schools are out. Hogs are worth \$8.50; eggs, 18c; potatoes, \$1 and butter is 25c; flour, \$1.90.—J. W. Glinesmith, April 15.

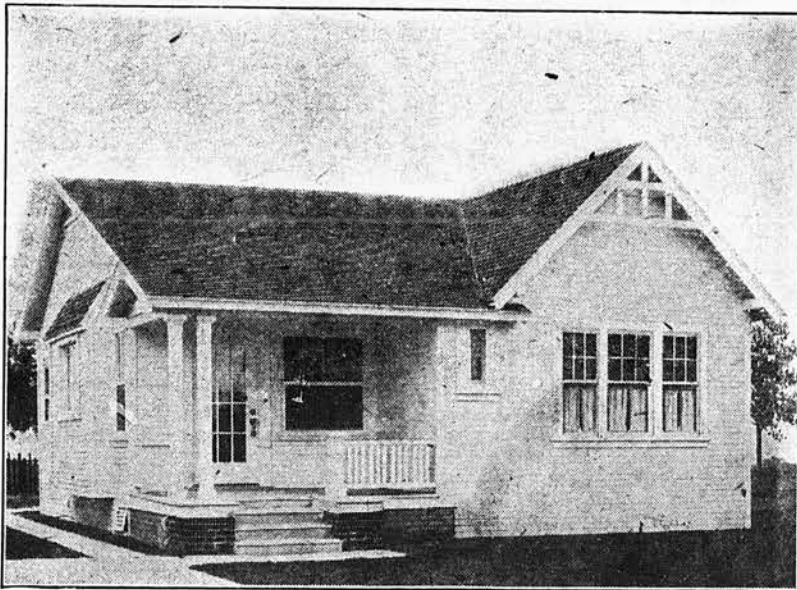
Lyon—We received heavy rains last week and the ground is thoroughly soaked. Just about half of the farmers have sown their oats or planted potatoes. Wheat, alfalfa and grass are growing rapidly. All kinds of livestock are in excellent condition. Very few public sales are being held. Roads are rough.—E. R. Griffith, April 16.

Meade—We are having excellent weather and plenty of moisture. The early wheat is excellent but the late wheat is very thin. Farmers are sowing barley and oats. There is more than the usual number of little pigs. All kinds of livestock are in excellent condition. Feed is plentiful. Not much land is selling. Wheat is worth \$1.30; corn, 45c; kafir, \$1; butterfat, 28c; and eggs are 18c; hens, 18c.—W. A. Harvey, April 17.

Morris—We have had several inches of moisture since March 1. The ground has been too wet for farm work this spring. Wheat has stoolled well and is making a good start. Very little oats have been put in, nor can any field work be done for several days yet. Very few potatoes have been

(Continued on Page 33)

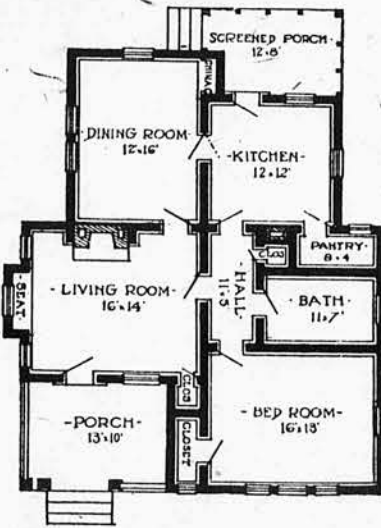
A Simple Inexpensive Home



SHOULD you desire to build a home, you of course wish to build an attractive one. It costs no more to build a given amount of material into a well appointed, well lighted and conveniently arranged structure, having an attractive outside appearance, than it does to build the same material into a slovenly, poorly designed shack. A well designed plan will aid you in doing this.

The accompanying illustrations provide a fair example of how attractive and convenient a small house may be made. There is nothing expensive in this construction. There is abundant space and comfort in every room. There are plenty of closets. The privacy of the bedroom is absolute, yet it has immediate access to all other parts of the house. It is excellently lighted and ventilated and in all ways so complete that the one planning a small house could be sure that the dissatisfaction which so frequently comes because the completed house has not turned out to be just what the builder had in mind, would never fall to his lot. Satisfaction is worth striving for. The surest way to achieve it is by well laid-out plans, in building even

Plans and specifications for this Design No. 1,062, will be sent on receipt of \$7.50 by the Home Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. Send in your requests as early as possible.



Applique Patches Given

Here is one of the niftiest, newest articles that ever has come to the attention of Kansas Farmer and Mail & Breeze. It is the very latest thing in embroidery work—applique patches, all ready to be applied to your material.

Don't get the idea that this is merely a set of transfer patterns, stamped on paper—it is the designs themselves, stamped on a large piece of art linen, 18 by 33 inches. We can supply these designs in blue and old rose.

These designs may be used to decorate unbleached musline aprons, bed spreads, luncheon sets, dresser scarfs, table covers, and the like. The tops go especially well on little boy's suits; the anchor designs are just the thing for girls' middie blouses; the cup and saucer designs go well on lunch cloths.

The large birds are precisely what you want for draperies; for baby pillows and bed spreads, the little chickens and geese are exactly what you have been looking for. The rabbits, candles and funny faces go well in baby's sleeping room. The morning glories will fit in a hundred and one different places. Remember that you get all the designs mentioned, and more, too, all stamped on the same piece of Art Linen.

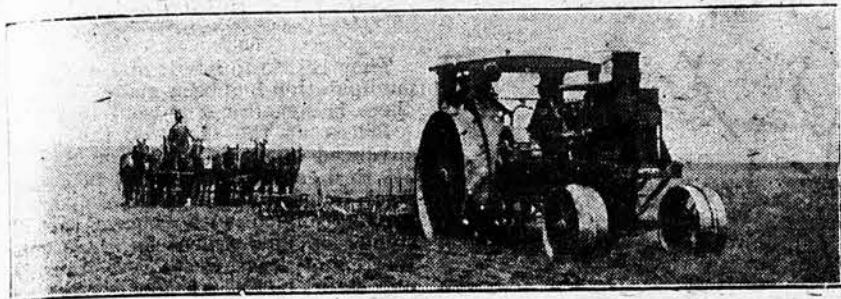
We have arranged to give these designs to our readers on a very liberal offer. When you consider that some of the best stores haven't yet had an opportunity to get these designs, and that you can get them so easily from us, you will realize what a bargain we are offering. Just send a postal today saying, "Please tell me how to get the beautiful Applique Designs." Address Kansas Farmer and Mail & Breeze, Topeka, Kan.—Advertisement.

APRIL 22, 1922.

Figures From Tractor Farms

Power Farming Becoming More Popular and Efficient

BY FRANK A. MECKEL



ONCE more there has been a survey made of horse and tractor farms. This time one has been made for Kansas, especially out in the wheat belt of the state, tho the figures include sections of Northern Oklahoma and Southern Nebraska.

The survey brings out the following facts very clearly:

That the crop acres have been increased by about 50 acres where the tractor is used, and that tractors have reduced the amount of farm labor about 1.4 months out of the year. Horses to the extent of 3.3 head to the farm have been displaced, leaving on the average, 8.3 horses actually kept on farms where tractors were used, but the owners themselves state that they could get along with fewer horses. In fact, if the horses were reduced in number to the estimates of tractor owners, there would be only 6.5 horses on each tractor farm.

It is estimated that about 40 per cent of the drawbar work on the farms is done with the tractor, and that the amount of belt work could be increased considerably thus making the tractor even more efficient.

The average cost of using tractors for drawbar work on these farms was \$484 a year while the cost of keeping work horses on farms where tractors were not used was \$701. The cost of keeping the 8.3 head of work horses on farms that had tractors was \$541 but the farmers themselves agreed that this could be reduced to the cost of keeping 6.5 head of work stock.

It is interesting to note what the tractor owners think of their machines, for 75 per cent of them believed that

their tractors were profitable investments, and 72 per cent intended to buy more tractors when needed. The principal advantages mentioned were the ability of the tractors to do more work in a given time and save horses in hot weather. Tractors were used as primary sources of power on 59 per cent of the farms investigated while they were used as supplementary power on 41 per cent of the farms. It was believed by 21 per cent of the tractor owners that there had been an increase in crop yields after the tractor came on the farm.

The survey was carried on during the early part of 1921 on 354 tractor farms. The prices of tractors have been reduced approximately one third since this survey was made, while the price of fuel and oil has also been substantially reduced since that time. This is to the advantage of tractor farmers.

Motor Car Sales Increase

With returns received from all states, the Bureau of Public Roads of the United States Department of Agriculture reports that the motor vehicle registration for the year 1921 totaled 10,448,632. This represents an increase of more than a million over the 1920 figures, or a number equal to the total number at the beginning of 1913.

The greatest increases in registration were in industrial sections, the agricultural sections in general showing a smaller amount of increase. No state reported a registration less than the 1920 figures. The total amount collected as fees of various kinds amounted to \$122,478,654.

This Will Pull 'em Out

HOW often have you been "stumped" by an old patriarch of a stump that refused to come loose? The next time you have some tough ones to pull, try this device and see how easily the stumps come out.

A piece of old telephone or light pole, mortised into a piece of round log as a roller will answer very well. Fasten a heavy log chain tightly around the stump and pole, tilting the pole backwards as shown in the upper picture. Fasten another log chain pretty well up on the pole and hitch to the doubletrees of a good team. It will take just about one good pull to bring up the stump, with all of its roots.





Save One Half!

\$1.97

PLUS POSTAGE ON ARRIVAL


Don't Send a Single Penny

Only \$1.97 for this Munson last Army work shoe; constructed of best grade wax veal leather; soft and pliable yet guaranteed manure and acid proof. Soles of selected, best wearing leather stock; guaranteed counters; leather insoles and heels; seams double-sewed to prevent ripping. Made on the Munson last which conforms to the foot and is the most comfortable for work and every-day wear.

And you don't risk a single penny. It's just like buying on approval. No money down; just pay the postman when the shoes arrive. Your money back at once if you don't think them the biggest work shoe bargain in the world today. Order now.

Gordon Bates Co.
Minneapolis, Minn.

Sizes 6 to 12
Order No. 181-C3




One Man Can Move 300 to 800 Bushels of Grain An Hour With the

LIBERTY GRAIN BLOWER

Elevate, clean and grade your grain in one operation. A powerful fan does all the work. Only one moving part. No buckets, chains or gears to get out of order. No inside scooping necessary. One man can move it. Assembled or taken down in five minutes. Costs only half as much as old style elevators. Pays for itself in a few days.

FREE! Liberty Grain Blower and special 1922 price offer. Send name today for FREE Booklet describing the

Midwest Steel Products Co., 405 American Bank Bldg., Kansas City, Mo.



Get This \$100 Harmograph



FREE

Can You Make 15 Words From Harmograph?

Brighten up on your spelling! If you can make as many as 15 or 20 words using only the letters found in HARMOGRAPH, mail your list to me AT ONCE and I will tell you how to get a \$100 Harmograph Talking Machine, absolutely FREE.

It's Dead Easy

Here are a few words you can make: ham, arm, go, gram, map. Do not use the same letter twice in any one word, unless it occurs twice in HARMOGRAPH. This may look hard at first but it isn't. You can do it in ten minutes. Sit down right away and make up your list of words and send it to me by the next mail. If you have as many as 15 correct words, I will make you a member of my club, give you credit for 1,000 points toward the Talking Machine and tell you how you may earn many more points AT ONCE.

Send No Money

The club member who has the largest number of points to his credit at the close of the club will be given the Talking Machine FREE—all charges prepaid. Just send the list of words and your name and address—nothing more, but HURRY.

**W. Hartley, 68X,
8th and Jackson, Topeka, Kansas**

Want Work In Spare Time? We Need You

Mrs. C. H. Paul of Rice County, Kansas, recently made a valuable discovery. She learned that by spending a few hours each week in talking to her friends about the CAPPER PUBLICATIONS, she could greatly increase the family income. A number of women in different parts of the country make from

\$20 to \$50 a Month

by helping us look after the new and renewal subscriptions for Capper's Weekly, Household and Capper's Farmer. We need a woman in your community who is willing to devote her spare hours to this kind of work. Write for further information. You will find our offer a liberal one.

Capper Publications, Capper Bldg., Topeka, Kansas, Desk 145.

Gentlemen: Please send me information about your plan for spare time work. If I do not like it, I am under no obligations to accept it.

Name..... R. F. D. or St.....

Town..... State.....





The Kansas Farmer's Business

Market News — Buying and Selling



THE Agricultural industry of the Middle West can be made to assume its proper place of importance only thru a system of diversified farming in which livestock is made an important feature. Practically every good farmer can handle a few cattle and hogs to some advantage. On many farms sheep also can be made a profitable sideline. Beef cattle however, form the keystone of livestock farming and afford the best and most profitable means of marketing farm crops under ordinary conditions in normal times. Beef cattle fit into the farm economy more perfectly than other meat animals because they are less subject to disease, require less labor for their care, they consume cheap roughages and high priced concentrates in proportions better suited to ordinary farm rotations and ordinarily their product is less subject to speculative and seasonal fluctuations than other kinds of livestock.

Sell Crops Thru Livestock

Often cane, corn stalks, low grades of hay, stunted forage crops, and pastures cannot be marketed direct at profitable prices even when grain sells readily for cash. Cattle supply the necessary market for both crops and farm labor and at the same time build up the fertility of the farm thru the manure added to the soil. Everything seems to indicate an increasing demand for meat and livestock that cannot be fully met.

Western farmers are beginning to realize more and more the importance of livestock farming and are giving serious attention to this important industry. According to statistics collected by the United States Department of Agriculture the center of cattle production has moved steadily westward ever since 1840. In that year the center of all cattle production was about 10 miles south of Spencer in West Virginia and about 50 miles north of Charleston, the capital of that state. At that time no distinction was made by the United States Census between "milk" and "other" cattle. In 1850 the center of beef cattle production was at Richmond, Ky., and 50 years later it was located at Waverly, Kan., and at this time it is in the vicinity of Ellsworth, Kan. The center of production for dairy cattle in 1850 was at Crown Center in Ohio and now it is at London Mills, Ill. The center of production for all kinds of cattle in 1850 was at Morehead, Ky., and in 1920 it had advanced to Carrollton, Mo. The map published on this page shows how the center of production for beef and dairy cattle has advanced westward for every decade since 1850. A close study of this map will prove interesting in many ways.

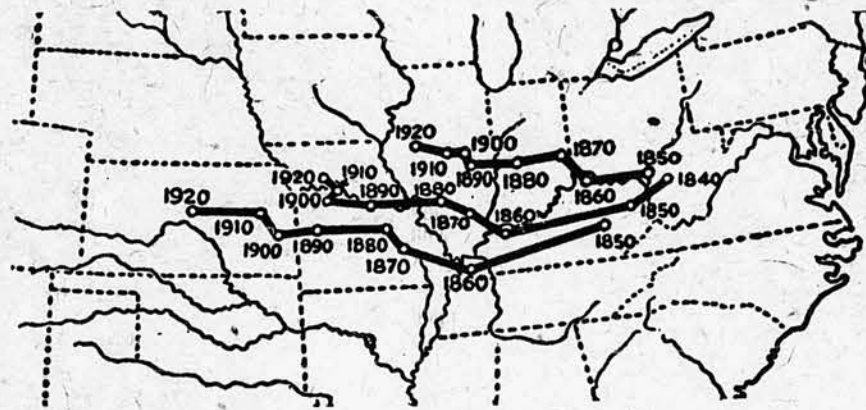
Kansas City Livestock Sales

The Middle West it seems is destined to become the center of livestock production for the entire Nation. The growing demand for beef, mutton and pork never can be fully met and fair prices in the future may be confidently expected. At present there is a good demand for fat cattle at Kansas City and a moderate net advance in prices has resulted. Export demand was the largest of the season, and local killers increased orders for light and handy weight cattle. Hog prices were higher early in the week but turned down Wednesday and closed with small net changes. Sheep and lambs broke in the last two days closing the week 35 to 50 cents net lower.

Receipts were 25,746 cattle, 5,150 calves, 40,850 hogs, and 33,700 sheep, compared with 23,325 cattle, 3,225 calves, 35,250 hogs, and 31,450 sheep last week, and 28,750 cattle, 2,975 calves, 42,650 hogs and 33,375 sheep a year ago.

Heavy Steers Sell at \$8.50

After fluctuating within a 15 to 25 cent range the cattle market closed with a moderate net advance. Early in the week there was a hesitating tone in the trading but increased orders for light and medium weight cattle from local killers and large buying of weighty grades by exporters brought general activity at higher



Note How Livestock Production Centers Moved Westward From 1840 to 1920. Top Line Shows Dairy Cattle; Second Line, All Cattle; Third Line, Beef Cattle

prices. More than 600 heavy steers were taken for export. Demand from Atlantic seaboard cities for strong weight steers was large also. The top price \$8.50 was paid for heavy steers, Yearlings, mixed yearlings, and light weight steers sold up to \$8.40 and the bulk of the fat steers brought \$7.50 to \$8.25. Cows were steady, prime heifers higher, veal calves declined \$1.

Demand for thin steers suitable for grazing purposes continued active at firm prices. Fleshy feeders suitable for a short finish sold slowly. The movement of southwest cattle to northern pastures is under way.

Hogs Top Market at \$10.60

Hog prices finally were 30 to 35 cents under Tuesday and about steady with a week ago. The top price of the week \$10.60 was paid Tuesday. The top at the close was \$10.25, and bulk of sales \$10.10 to \$10.20. The spread in final prices was the narrowest of the season. Pigs are selling at \$9.25 to \$10.35.

In the last few days sheep and lambs broke 25 to 35 cents. Fat lambs in fleece are quoted at \$15 to \$15.25, clipped lambs \$12 to \$13.25, and clipped wethers \$9 to \$9.50. Most of the clipped offerings are Texas sheep and lambs. The few spring lambs offered sold at \$19.

Good rugged work horses and mules sold readily at strong prices. Plain and ordinary classes and light weight grades sold slowly.

Hides and Wool

Demand for hides at Kansas City is fair and no change in prices is noted. The following prices are quoted on green salted hides: No. 1 hides 7c; No. 2 hides, 6c; side brands, 4c; bulls, 4c; green glue, 3c; dry flint hides, 8 to 10c; horse hides, \$2.25 to \$2.75 apiece; pony hides, \$1 to \$1.50.

Little change in wool prices is reported this week. The following prices are quoted at Kansas City for Kansas, Oklahoma and Nebraska wool: Bright medium wool, 21 to 23c; dark medium, 18 to 20c; light fine, 20 to 22c; heavy fine, 15 to 18c; light fine

Colorado and New Mexico wool, 20 to 25c.

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

Butter—Creamery, extra, in cartons, 30c; firsts, 33 to 34c; seconds, 25 to 30c; butterfat, 30c; packing butter, 16c; Longhorn cheese, 18c; Brick, 17½c; Roquefort, 68c; Limburger, 23c; New York Cheddars, 24c; Swiss, 33c; New York Daisies, 25c.

The following prices are quoted at Kansas City on poultry and poultry products:

Live Poultry—Hens, 22c; broilers, 55c; roosters, 13c; turkeys, 34c; old toms, 31c; geese, 12c; ducks, 22c.

Eggs—Firsts, 21½c a dozen; seconds, 18c; selected case lots, 26c.

Kansas City Grain Markets

Strong advances in wheat prices were made at the close of the market both at Kansas City and Chicago. There was a spectacular fight at Chicago in the wheat pit between the Armour packing and grain interests and the huge combination headed by James Patten, the grain king.

Traders in the Chicago wheat mart declared the sudden rise of 9 cents a bushel in May wheat amid wild excitement at the close of the market was due to the struggle for control of millions of bushels of grain by the Armour interests fighting the Patten combine.

Patten, who years ago made a "killing" when he cornered the corn market, was reported associated with Arthur Cutton, a leading Chicago dealer; Julius Barnes, former head of the United States Grain Corporation of the Federal Food Administration, and two Winnipeg grain men.

The Armour interests are said to own 1,300,000 bushels of wheat at Kansas City, which they are attempting to bring to Chicago. Vessel bottoms have been chartered for transport of 1 million bushels of wheat from Duluth to Chicago to "feed the bulls." Officials of the board of trade have scoffed at stories of the corner, pointing to the rigid rule against "corners."

They refuse to admit any attempt at manipulation has been made, but agree there is something unusual in the air.

Prices at the close of the market advanced about 10 cents for May and 5½ to 6 cents for July and September. Reports of coming heavy export demands coupled with reports that the stands of new wheat in the Central West and Southwest were thin and uncertain had a tendency to send prices upward.

Kansas City Wheat Supply Large

Kansas City still has a record amount of wheat on hand. Its visible supply is estimated at 34,165,000 bushels or nearly twice as much as it was a year ago. Shipments of wheat and flour from the United States and Canada last week showed a total of 4,955,000 bushels as compared with 5,370,000 bushels for the preceding week and 6,895,000 bushels a year ago.

Corn futures were strengthened by the wheat advance and at the close of the market showed rises of 2¼ to 2½ cents. Shipments from the United States last week were 3,235,000 bushels as compared with 4,401,000 bushels the preceding week and 1,167,000 bushels a year ago.

Oats futures made gains of 1¼ to 2¼ cents and followed the upward movement in wheat. Reports of reduced acreages of the new crop on account of wet and unfavorable weather also had a tendency to advance prices.

The following quotations are given at Kansas City on grain futures: May wheat, \$1.28½; July wheat, \$1.18½; September wheat, \$1.12½; May corn, 55½c; July corn, 58½c; September corn, 61¼c; May oats, 35½c; July oats, 38c.

Cash Grain Sales

The sensational advance in futures caused a rise of 3 to 5 cents a bushel on all grades of wheat at Kansas City. The following quotations on cash sales are given at Kansas City:

No. 1 dark hard wheat, \$1.40 to \$1.56; No. 2 dark hard, \$1.39 to \$1.56; No. 3 dark hard, \$1.37 to \$1.54; No. 4 dark hard, \$1.34 to \$1.51; No. 5 dark hard, \$1.50; No. 1 hard wheat, \$1.29 to \$1.50; No. 2 hard, \$1.28 to \$1.50; No. 3 hard, \$1.25 to \$1.47; No. 4 hard, \$1.20 to \$1.42; No. 5 hard, \$1.18 to \$1.25; No. 1 Red wheat, \$1.31 to \$1.34; No. 2 Red, \$1.28 to \$1.31; No. 3 Red, \$1.22 to \$1.23; No. 4 Red, \$1.16 to \$1.24; No. 1 mixed wheat, \$1.18.

Corn in Good Demand

At Kansas City corn is in good demand at advances of 1 cent to 2 cents a bushel. The following sales are reported:

No. 2 White corn, 56c; No. 3 White, 55½c; No. 4 White, 55c; No. 2 Yellow, 57c; No. 3 Yellow, 56½c; No. 4 Yellow, 56c; No. 2 mixed corn, 54½ to 55c; No. 4 mixed, 54c.

The following quotations are given at Kansas City on other grains: No. 2 White oats, 38 to 38½c; No. 3 White, 37c; No. 4 White, 35 to 36c; No. 2 mixed oats, 36 to 37c; No. 3 mixed, 33 to 35c; No. 2 Red oats, 36 to 37c; No. 3 Red, 33 to 36c; No. 4 Red, 31 to 33c; No. 2 White kafir, \$1.17 to \$1.20 a hundredweight; No. 3 White, \$1.17 to \$1.18; No. 4 White, \$1.16 to \$1.17; No. 2 milo, \$1.30; No. 3 milo, \$1.27 to \$1.31; No. 4 milo, \$1.27; No. 2 rye, 93c; No. 3 barley, 55 to 56c; No. 4 barley, 54 to 55c.

Little Change in Millfeeds

This week no great change is reported in the market for millfeeds. The following quotations are given at Kansas City:

Bran, \$1.05 to \$1.07 a sack; gray shorts, \$1.27 to \$1.35; brown shorts, \$1.22 to \$1.28; linseed meal, \$56 to \$61 a ton; cottonseed meal and nut cake, \$53.50 a ton; cold pressed cottonseed cake, \$46; tankage, \$70; No. 1 alfalfa meal, \$18 to \$21; No. 2 alfalfa meal, \$15 to \$16.50; brown alfalfa meal, \$13.50 to \$14.

Receipts of hay at Kansas City have been moderate and all hay of good quality sold readily. The following sales were made at Kansas City: Choice to fancy dairy alfalfa, \$26 to \$30 a ton; choice alfalfa, \$24 to \$26 a ton.

(Continued on Page 33)

The Present Low Wheat Supplies

AFTER playing the market up and down and sideways for months wheat traders on the Chicago Board of Trade are quoted as questioning whether there is enough wheat in the world to carry milling thru the crop year. If wheat corners were not believed to be a thing of the past (the Leiter corner was the last, and there has been none in 20 years) these traders produce figures that would make cornering tempting. They compare the present season with 1909, when the so-called Patten corner occurred, tho not a corner in fact or at any period of the Patten movement. In March of 1909 farm reserves in the United States were reported 12 million more than this year, the visible supply was about the same as now, afloat and in store in the United Kingdom was 6 million bushels greater than this year. United States wheat stocks were 7 million less than now reported, while flour stocks were about the same as now.

Such a comparison with the year of greatest shortage in memory is emphasized by the fact that in 1909 six great exporting countries outside of the United States contributed 301 million bushels to the world's requirements, while this year three of those countries, Russia, Austro-Hungary and India are not exporters but actual importers of wheat.

While it was estimated when the crop was harvested that this country would have not to exceed 200 million bushels for export this crop year, exports have passed 230 millions and will probably reach 250 million bushels.

The Western wheat growers next summer are therefore anticipating a profitable price. They need it.

To Depict Kansas Progress

Topeka Merchants' Gigantic Show With Automobile Exhibits and "Lane of Wonders" Opens April 26

THE Pageant of Progress to be presented under the auspices of the business men of Topeka is practically completed.

When the gates swing open Wednesday, April 26, at noon, the people of Topeka and surrounding territory will see one of the most beautiful arrangements of commercial and trade exhibits ever brought together at one time in Kansas.

No expense has been spared upon the plan, buildings, musical program, the wonderful-historical spectacle, the bungalow booths, street and building decorations, bands, free attractions and carnival features.

Educational as well as instructive entertainment is combined in a manner surpassing in real interest anything that has ever been planned in Kansas.

Motor Car Show is Popular

Every foot of space in the automobile show was sold the same day it was announced. All of Topeka's leading car and accessory dealers will be represented in the automobile show. The proprietors will be on hand to greet the people who attend.

Practically every commodity, manufactured or sold in Topeka, will be represented in this big exposition. Three exhibits will be housed in especially constructed bungalow booths, or cottages, enclosed by fencing and protected from rain or sun.

These bungalows are artistically designed, with attractive awnings, flower boxes and overhead decorations. The streets in front will be shaded by day and lighted by night.

The Court of Commerce

The Court of Commerce connects directly with the automobile show and extends from about the center of the auditorium building on Quincy to Eighth Avenue, then on Eighth to a main entrance on Kansas Avenue. This will be a beautiful "Lane of Wonders," well worth going many miles to view.

The main entrance will be located at Eighth and Kansas Avenue. Street car service will be routed in another direction to permit the construction of Pageant of Progress buildings. There will be another entrance at the Automobile Show at Seventh and Quincy.

One of the interesting features of the Pageant of Progress will be the crowning of the "Queen of Topeka" on Friday evening, April 28.

The keenest competition has developed among 12 Topeka girls for the greatest honor that will be bestowed in all the Pageant activities.

So keen has become the contest that thousands of Topeka men and women are rallying to the support of their favorite candidate and the sale of advance tickets is nearing the 40,000 mark.

Every matinee ticket sold by one of the contestants entitles her to 25 votes. The only way these matinee tickets can be purchased is thru the contestants. The regular admission to the big Pageant of Progress will be 50 cents. Sale of tickets will close when the contest closes at 10 o'clock Thursday evening.

The winner of the contest will receive in addition to the honor of being crowned "Queen," a \$400 diamond ring. The purchaser of the matinee tickets will be entitled to an equal chance with all other purchasers on a

Ford coupe, which will be given away Thursday evening.

The race for the diamond ring and crown as "Queen of Topeka" still stands in doubt. One day one girl is ahead. The next day some other girl is in the lead. The strong contestants are working day and night selling tickets so they will win the coveted prize.

Three disinterested persons will make the final count of votes filed by the contestants. The votes are being collected and tabulated daily. The three judges will check up the results and award the Ford coupe to some Pageant visitor. The Ford will be fully equipped with shock absorbers, bumpers, spot light, rear safety light, over-sized steering wheel and other features.

Every contestant has a record of tickets sold and the person winning the Ford need not be present in order to receive his prize.

There will be presented in the auditorium every evening of the week a spectacle employing 500 people and horses, and a ballet of 200 beautiful girls. This wonderful production will surpass anything yet staged in the city of Topeka.

The stage in the auditorium will be enlarged by three times its present size and there will be installed complete facilities for handling many sets of scenery. A special electrical arrangement for producing all colors and effects has been planned.

The great organ and an orchestra of 30 pieces will provide music to accompany the dancing. Those interested in this feature will be glad no doubt to learn that there will be dancing in the automobile show from 10 to 11:30 every evening. A special jazz orchestra has been engaged for this feature alone.

New Bloc Leader

From Pueblo, Colo., Star.

Apparently the agricultural bloc in the Senate will not lose any of its effectiveness by the retirement of Senator Kenyon to become a federal judge. The new Senator from Iowa has affiliated with the bloc and Senator Arthur Capper of Kansas has been elected chairman of the bloc to succeed Kenyon. Capper was the natural choice for leader of this Republican-Democratic combination formed for the purpose of acting as a unit in matters of vital interest to the farmers of the country. Capper has been in close touch with farming interests for many years and since becoming a member of the Senate has been active in farm legislation. His selection as head of the bloc will be entirely satisfactory to the farmers of the country.

The agricultural bloc is not swayed by the political beliefs of its members. Politics is laid aside when matters affecting the farming interests come before the Senate. The bloc has been condemned vigorously, especially in Republican circles, because the bloc at times goes contrary to the wishes of the party leaders. The bloc is a powerful group and may be likened to the old progressive group of Republicans and Democrats which eventually brought about the downfall of the Republican party thru formation of the Progressive party.

The world's speed record for an airplane is 212 miles an hour.

Topeka Welcomes You

Pageant of Progress

April 26=27=28=29

The Business Men of Topeka have combined in giving a Big Spring Show. They will be on hand to greet their out of town customers and friends.

Make arrangements to attend the Pageant of Progress and rest assured that it will be well worth your while.

The Automobile Show alone will repay all efforts necessary in attending. In addition there will be a hundred other features.

Topeka Merchants Association



These Motor Cars Parked at the Kansas Free Fair Last Year Show That All Progressive Kansas Farmers and Business Men Now Travel in Automobiles

A United Community Activity

Topeka Pageant of Progress

April 26 = 27 = 28 = 29

Greatest Historical Pageant ever staged in Kansas. No expense has been spared to make this the BIGGEST AND MOST SPECTACULAR SPECTACLE DEALING WITH KANSAS EVENTS DURING THE PAST 100 YEARS.

KANSAS

ONE HUNDRED YEARS OF KANSAS HISTORY PORTRAYED IN SONG AND STORY. A CAST OF 500 PEOPLE. BALLET OF 300 CHARMING GIRLS AND HANDSOME MEN. Grand Ball in Honor of Pageant Queen, Friday Night, April 28.

Some Features of Pageant

Thrilling and Daredevil Free Attractions. Two Big Bands. Two Symphony Orchestras. Twenty Shows. A Seating Capacity of 3,000. A Chorus of 300 Voices. Special Programs by the Civic Clubs of Topeka. Dancing Every Night in Auditorium, Automobile Show, Court of Commerce and Build Your Own Home Show.

Made Possible thru the Co-operation of the Live Civic Organizations of Topeka, including the Topeka Merchants Association, Chamber of Commerce, Rotary, Co-Operative, Kiwanis, Lions, Square Circle and Women's Clubs, Washburn College, Bethany College, High Schools, and many other organizations interested in making the

Pageant of Progress

A Big Success and Worth While for Kansas People

Gate Admission 50 Cents

One Ticket admits to entire show, including Historical Spectacle in City Auditorium, Automobile Show, Merchants and Manufacturers Exhibition, Own Your Own Home Show, Free Attractions on Exposition Grounds, Dancing at Night.

A United Community Activity

Topeka Pageant of Progress

April 26 = 27 = 28 = 29

The Automobile Show

The biggest and most expensive Automobile Show ever held in Topeka. Thousands of feet of floor space dedicated to this feature of the Pageant of Progress. Huge building erected on Quincy Street to house motor equipment and accessories.

Build Your Own Home Show

Everything that goes into the erection, furnishing and enjoyment of a Home will be displayed in this big array of Bungalow Booths, being constructed on Eighth Avenue, between Quincy and Kansas avenues. Beautifully decorated display spaces.

Here are some of the commodities used in building and furnishing a home that will be on display:

Architectural designs, tile, stone, cement, brick masonry, lumber, roofing materials, interior decorations, paintings, calsomines, electric supplies, furnaces, furniture, draperies, rugs, wall paper, glass novelties, hardware, pumps, laundry machinery, sewer pipe, mill work, and half a hundred other building necessities.

One Ticket Admits to All

For Details Address

Milton Tabor, Secretary-Manager, Topeka, Kansas

Who Will Be Queen of the Pageant of Progress Ball?

This will be held in the
City Auditorium, Topeka
Friday Night, April 28

Vote for Your Favorite
25 Votes With 25c Ticket

Buy a 25c matinee ticket for the pageant and receive 25 votes to be cast for your favorite among these charming contestants.

Can You Pick the Pageant Queen?
Here are the contestants:

Amy Brown..... Hayes Florist Shop
Addie Strunk..... Hall Stationery Co.
Teresa Layden..... 812 Monroe
Regina Schmidt... 1255 Harrison
Helen Wagner.... Santa Fe Offices
Viola Tucker..... 421 Locust
Florence Dschuden Reserve State Bank
Edna Clary..... 1523 Redden
Estella Slatten.... 1308 East 8th
Marguerite Inscho Pelletier's
Velma Howell.... Capper Publications
Retta Main..... 715 Quincy St.

April 26-27-28-29
Don't Miss It

Topeka Plans Big Pageant

No Expense Has Been Spared to Make Big Exposition a Success, and Fully 100,000 Persons Will Attend

EVERYBODY in Topeka is boosting for the Pageant of Progress. This comes more nearly being 100 per cent popular than any civic activity that has been planned in recent years.

From the smallest civic service club to the city commission the business men and women of Topeka have combined with the general committee in charge of arrangements to make the Pageant of Progress a big annual institution in Topeka civic life.

The business men along the streets where the huge buildings will be erected have nobly consented to the possible inconvenience that will necessarily come from so large a structure. In fact the business on Eighth Avenue, between Quincy and Kansas avenues, have petitioned the Pageant Committee to use their street.

Every Store Decorated

Every merchant in the city is decorating his store front and interior for the big event. Thousands of banners, posters and cards have been distributed by the decorating committee. These will give the whole city a gala appearance for the week preceding and during the show.

The city commission has issued orders vacating the streets necessary to use in erecting the big buildings. Special officers will be on the grounds continually to preserve order and guard against possible injury to the thousands of visitors who will throng the exposition grounds and city auditorium.

Just by way of showing the magnitude of the Pageant of Progress your attention is called to the fact that approximately 200,000 feet of lumber will be used in erecting the big buildings that are to be used for the exposition and the Topeka Automobile Show. Five thousand feet of electrical wiring will be installed to provide current for the 3,000 electric light bulbs that will make the Midway as light as day. Some 60,000 feet of beaver board will be used in the sides and panels that will carry the elaborate decorations. More than 12,000 feet of roofing and 2,000 gallons of paint will be used. Thirty kegs of nails have been purchased to nail the lumber.

The Pageant committee has ordered 8,000 pennants and 1,000 large American flags. There will be 3,600 seats for the visitors at the big free show in the city auditorium. The largest stage ever used in Kansas has been constructed in the auditorium. Over 30,000 pieces of literature advertising the Pageant have been distributed in Topeka's trade territory.

Fifty Thousand Tickets Sold

Fifty thousand tickets for the afternoon show have already been sold. Twenty thousand complimentary tickets have been mailed out by Topeka merchants, manufacturers and jobbers to their out of town customers.

Space for 20,000 dancing couples has been arranged. Free dancing each night after 10 o'clock is included in the program.

J. A. Darnaby, general director, is furnishing 3,000 costumes for the cast taking part in the "Historical Spectacle." A daily parade 1 mile in length will precede every afternoon show. The 800 or more persons taking part in the big exposition and pageant will have part in this parade. Thirty experienced stage hands have been employed to help in putting on the historical spectacle.

The total cost of buildings, fixtures and decorations for the entire show will be approximately \$25,000. The exhibits and displays will be valued at \$100,000. There will be 100 demonstrations of various manufactured articles, pure food and the like.

Excellent Music Provided

Three big bands have been employed to play continually during the afternoon and night performances. Two symphony orchestras will also add to the musical attractions. A specially trained chorus of 200 voices will sing at the Topeka Pageant spectacle.

Organ recitals will be given daily by Dean H. V. Stearns of Washburn College who will make use of the finest pipe organ between Chicago and Salt

Lake City, if not in the entire Nation.

"Topeka's Pageant of Progress has reached the point where the entire community recognizes its worth and what it will mean to the city," declared J. A. Darnaby, director of the event, recently. "Every civic organization of Topeka has declared its readiness to boost the project and it has met with a most welcome response everywhere."

"In a few instances, perhaps, the impression has been created that the Pageant of Progress is a merchants' campaign of some kind. This is untrue. The merchants, realizing that Topeka needed such an event, only sponsored the undertaking. It is a community event and of interest to every Topekan and those in surrounding territory."

"The event should not be confused with a carnival or spring show. While it is true that one of the attractions will be a carnival company, the carnival is merely an adjunct."

"The Pageant of Progress is not a money making scheme. It is the same sort of event that has been good for several of the larger cities over the country. Topeka has come to the place where it, too, needs such an event. What's good for other cities also is good for Topeka."

It is anticipated that only 55,000 Topekans and 50,000 other Kansans will attend the Pageant of Progress, April 26, 27, 28 and 29.

Next to the Kansas Free Fair, Topeka's Pageant of Progress will be the largest exhibition of its kind ever held in Kansas.

Topeka business men, long realizing the need of a big show in the springtime, have gone into the Pageant plans on a large scale. They are sparing no expense to make it a huge success.

Chicago's Pageant of Progress, Omaha's Ak-Sar-Ben, and the Mardi Gras of New Orleans have been taken as examples in planning the big exhibition and many attractions. J. A. Darnaby, who has had wide experience in putting on shows mentioned, is general director. He is an expert of the first magnitude in planning and carrying out trade shows, pageants and all the features that go to make a big exposition.

The Best Shopping Place

Topeka, located as it is in the Kaw Valley, one of the most fertile valleys in the world, is the center and natural shipping point of Kansas. The crops of the Kaw Valley are as certain as crops of any part of the United States. It might be interesting to the readers of this article to know that this Valley is known as one of the most productive potato districts in the country. This is only one of the products raised in the valley adjacent to Topeka. Dairying and raising of wheat and corn also play an important part in the prosperity of the Kaw Valley and territory surrounding the capital city.

Speaking of Topeka proper, and its splendid shopping facilities, no town in Kansas has better railroad facilities which affords the merchants of Topeka an opportunity to make the prices right to their customers and also to furnish them the best of service.

The merchants of Topeka take pride in giving to their customers the best quality of goods obtainable and the very best possible service; they appreciate very highly every customer they have in Kansas and are sparing no effort to furnish quality merchandise at right prices with a service that is unequaled anywhere in this part of the country.

Topeka is fortunate in having large flour mills, packing plants, creameries and other concerns that purchase farm products. Topeka is located on three trunk line railroads; the Atchison, Topeka & Santa Fe, Chicago, Rock Island & Pacific, and Union Pacific, which tap the most fertile farm territory in the United States.

Eighty-six trains daily give Topeka adequate passenger and freight service to all parts of the country. People living on any one of these lines can come to Topeka and do their shopping and return the same day, which gives them an opportunity to take advantage of the splendid shopping facilities of Topeka, without being forced to be more than one day in making the trip.

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 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 dozen 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. I will 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

Address

City

State

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

Capper Poultry Club

"Rain, Rain, Go Away, Come Again Another Day"

BY RACHEL ANN GARRETT
Club Manager

THE weather man seems to have it in for us, doesn't he? But despite the fact that heavy rains have swept over Kansas in the last few weeks, many counties have had the courage to hold meetings. However, it has looked at times as if a boat would be of more service to club members than a car. I'm just real proud of the way in which club work is progressing, and every time I read enthusiastic letters from the girls I become more excited, and feel like giving a yell for the entire Capper Club, all by myself.

I certainly am well pleased with the way in which monthly reports came in this month, for the majority were



Claire Jamison, Cloud County

on time. That's one more proof that everyone means business this year, and I'm glad to say, too, that almost every report shows a neat little gain for March.

Today I wish for all of the club members to become acquainted with Claire Jamison, leader for Cloud county. Of course, some of you who have been in the club for several years know Claire, and know that she is a worker. It won't be her fault if Cloud county doesn't capture the cup this year, for she's in to win. Don't you wish to look over my shoulder for a moment, and see for yourself what Claire says about it?

Mixing Business and Pienic

"I wanted to tell you about our meeting we held yesterday, April 9, at the home of Fern Milholland of Concordia. There were 12 club members present. After a big basket dinner we had our business and social meeting. We had a part of the business meeting first, and then the program. We were very fortunate in having our county agent give us an interesting talk on the care of baby chicks. He began by telling us what kind of stock the parents should be, and finished by suggesting a good feed ration.

"We decided to have blue and white for our colors. All together there were 46 persons present and the club members traveled a total of 190 miles. Our next meeting will be held at the Robinson home at Simpson, Kan. Watch Cloud county win the cup this year."

Vera Smith, Osage County Leader

I'm glad to tell you that the long, long sleep of Osage county really is broken, and that the members are back in the game, ready to win. In a letter from Vera Smith, who was elected county leader, we catch a glimpse of the way in which Osage means to work. Vera says: "I am certainly proud of the honor and thank you very much for appointing me county leader for Osage county. I am going to work at once to line the girls up for hard work, for we're in to win. We will hold a meeting as soon as the rains stop and as soon as we find out when the pig club meets, as we do not wish to have our meeting the same day. I will do my best to win the cup."

"Peppy" Team in Linn County

"I received your letter today saying that I am to be county leader for Linn this year," writes Elsie Morrell.

"While I was not at all surprised, as the girls said they were voting for me, still I appreciate the appointment, and will do my best to be worthy of it. I'm planning on having a 'peppy' team in Linn county this year, at least I will do my part, and I think the others will do their part, too. It has been raining here for the last week, so it is rather difficult to plan a meeting.

"I surely wish you could see my little chickens. I have about 30 and have some still hatching. We have a very nice brooder house for them with the water heating system. My old chickens certainly are doing better than they did last year. I gathered more eggs this month than I did any month last year."

Breeders' Prizes Still Come

Surely the girls who enter Single Comb Rhode Island Reds should be happy, for here is a letter from Mrs. G. W. Langderfer of Route 5, Lawrence, Kan. Mrs. Langderfer offers one of her best cockerels and a setting of eggs to be used as prizes. We have both first and second prizes offered to the girls making the best and next best records with this breed, so we will offer Mrs. Langderfer's cockerel as third prize, and the setting of eggs as fourth prize. I know these prizes are better than those usually offered for third and fourth prizes, and for this reason the girls who win them should be proud indeed. Now let's see how hard we can work to get them.

Biggest Profit in Poultry

Twenty years ago Mr. and Mrs. E. L. Jewett of Burlington, Kan., began breeding purebred Barred Rocks and today they are the proud owners of a very fine flock which is playing an important part in paying the family's living expenses. This flock has been developed with the idea of getting more eggs and at the same time losing nothing in the size of the fowls which would make them less desirable for the market.

Little success was gotten along this line until Mr. Jewett obtained three cockerels from the Kansas State Agricultural College. These had been bred under the supervision of Prof. N. L. Harris of the extension department and were from a good laying strain.

The addition of this blood resulted in a strain of heavy laying, heavy-weighting Barred Rocks. Mr. Jewett has two 160-acre farms and keeps one pen and one free range flock on each farm.

Baby chicks are not fed by Mrs. Jewett until they are more than 24 hours old. Then for two or three days she gives them dry bread run thru a food grinder. After they are a week old they are fed dry cracked corn several times every day and given plenty of clean water. Some sour milk is fed. Sodium fluoride is used and the hens and chicks occasionally and the coops are sprayed.

The flock was culled two years ago and only one pullet was rejected as a non-layer, Mr. Jewett said. The flock was examined and certified by Mr. Harris January 3, 1922. There were no discards among 150 hens and pullets.

"Had I put one-tenth as much money into purebred poultry as I did into other purebred livestock, and had I given them one quarter as much time and attention, I would have been on 'easy street' now," said Mr. Jewett. "We figured it was just as cheap to keep purebred poultry as mongrel birds and they always have brought us a good price on the market. We frequently have taken a case of eggs to the poultry house in Burlington and had it graded as No. 1.

"For many years our poultry was our hobby, but recently it has been one of the best income producers on the farm."

MINERALIZED WATER ROUTS CHICKEN LICE

Tablets Dropped into Drinking Founts
Banish Vermin, Make Fowls Grow
Faster and Increase Egg Yield.

Any poultry raiser can easily rid his flock of lice and mites, make chickens grow faster and increase their egg yield by simply adding minerals to the fowls' drinking water. This does away with all bother, such as dusting, greasing, dipping and spraying. The necessary minerals can now be obtained in convenient tablets, known as Paratabs. Soon after the fowls drink the mineralized



water, all lice and mites leave them. The tablets also act as a tonic conditioner. The health of the fowls quickly improves, they grow faster and the egg yield frequently is doubled. Little chicks that drink freely of the water never will be bothered by mites or lice.

The method is especially recommended for raisers of purebred stock, as there is no risk of soiling the plumage. The tablets are warranted to impart no flavor or odor to the eggs and meat. This remarkable conditioner, egg tonic and lice remedy costs only a trifle and is sold under an absolute guarantee. The tablets are scientifically prepared, perfectly safe, and dissolve readily in water.

Any reader of this paper may try them without risk. The laboratories producing Paratabs are so confident of good results that to introduce them to every poultry raiser they offer two big \$1 packages for only \$1. Send no money, just your name and address—a card will do—to the Paratab Laboratories, Dept. 952, 1100 Coca Cola Bldg., Kansas City, Mo., and the two \$1 packages, enough for 100 gallons of water, will be mailed. Pay the postman \$1 and postage on delivery, and if you are not delighted with results in 10 days—if your chickens are not healthier, laying more eggs and entirely free from lice and mites—your money will be promptly refunded. Don't hesitate to accept this trial offer as you are fully protected by this guarantee.

Get Rid of Mites and Lice

Don't let these little parasites sap the vitality of your flock and cheat you of your profits. Easy to get them out and keep them out. No spraying, painting, dusting or dipping necessary. Simply use the patented Hagan Sanitary Poultry Roost.



The Roost Does It All

The old, common sense, time-tested remedy of ordinary kerosene, applied scientifically and without bother is the secret of the success of Hagan Roosts. Hundreds of satisfied users. Sold direct from factory. Write today for descriptive list and prices.

Sanitary Roost Company, Hope, Kansas

\$13.95 Buys 140-Egg Champion Belle City Incubator

Hot-Water, Copper Tank, Double Walls, Fibre Board, Self Regulating. \$19.95. 140 Eggs. 140 Chick. Hot Water. Brooder. Or both for only \$19.95.

Express Prepaid. East of Rockies and allowed to points West. Users Guaranteed. Order now. Share in our \$1,000,000.00. Write for Free Book "Hatching Facts". It tells everything. Jim Rohan, Pres.

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

Sick Baby Chicks? GERMOZONE is a positive remedy for roup, colds, bowel trouble and such costly ailments. Preventive as well as curative. A wonder worker for poultry. On market over 20 years. Endorsed by many thousand users. Don't lose your baby chicks. Get GERMOZONE TODAY. At drug and seed stores. If no dealer, order by card. 75c and \$1.50 sizes. Postmen will collect. No extra charge. GEO. H. LEE CO., Dept. 15, Omaha, Neb.

MEN WANTED

\$35.00 to \$100.00 per week. Part or full time. Country or city work. For country work auto or team required. Begin at once or later, as desired, but arrangements must be made now. Write at once for particulars. Koch V. T. Co., Box K, Winona, Minn.

HIDES Tanned for Leather

Don't give your hides away. Summer hides make splendid leather. We'll tan them into harness leather for you or send you immediately harness leather in exchange. This makes your hides worth 10c to 20c a pound to you and at same time gives you genuine oak tanned harness leather—the same as in your best harnesses—at less than half the regular price. Send today for FREE BOOKLET on how we tan harness leather for you, giving prices and showing the big saving we make you. Do it now.

OMAHA TANNING CO. 4513 S. 27th St. Omaha, Neb.

FARMERS' CLASSIFIED ADVERTISING

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	\$3.20	26.....	\$2.60	\$8.32
11.....	1.10	3.52	27.....	2.70	8.64
12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
25.....	2.50	8.00			

RELIABLE ADVERTISING

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

Special Notice All advertising copy must be received at the office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

MEN WANTED—GOOD PAY—STEADY work in city or country. See adv. on page 27. Koch V. T. Co., Box K, Winona, Minn.

NICHOLS EARNS \$181.52 WEEKLY selling woolen goods direct to consumer. Big profits. Agents with auto wanted. Fergus Falls Woolen Mills, Fergus Falls, Minn.

HIGH CLASS LOCAL AND FARM SALES- men wanted for glazed and unglazed hollow tile for silos, residences, barns, store buildings etc. The Farmers Silo Co., 1822 Main St., Kansas City, Mo.

BE OUR PART TIME SHOE AGENT IN your locality. Pleasant work, good earnings. Sell from our catalog to wearers. We send shoe book with your name on front cover direct to your customers. For particulars address Tanners Shoe Mfg. Co., 116 South St., Boston, Mass., Dept. 4.

WANTED—RELIABLE, ENERGETIC MEN to sell National Brand fruit trees and a general line of nursery stock. Unlimited opportunities. Every property owner a prospective customer. Carl Heart earned \$2,112.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. Outfit and instructions furnished free. Steady employment. Cash weekly. Write for terms. The National Nurseries, Lawrence, Kan.

SERVICES OFFERED

PLEATING, REPLEATING, HEMSTITCH- ing, pinking. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka.

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

HINTS AND HELPS TO THE RUPTURED. Tells how to prevent strangulation and how to return if strangulated, etc. Price 50c, no stamps. Wm. Schuerg, Menard, Tex.

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

INVENTORS WRITE FOR OUR ILLU- strated 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.

BUSINESS OPPORTUNITIES

BEST PAYING GENERAL CASH STORE Moffat county, annual sales \$25,000. Investment \$4,000, opportunity homestead, close investigation solicited. Postmaster, Great Divide, Colorado.

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

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

WANTED TO BUY

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Field Seeds, St. Louis, Mo.

AUTO SUPPLIES

AUTOMOBILE OWNERS, GARAGE MEN, mechanics, repair men, send for free copy of this month's issue. It contains helpful, instructive information on overhauling, ignition troubles, wiring, carburetors, storage batteries, etc. Over 120 pages illustrated. Send for free copy today. Automobile Digest, 622 Butler Bldg., Cincinnati.

EDUCATIONAL

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

LAWRENCE BUSINESS COLLEGE, LAW- rence, Kansas, trains its students for good paying positions. Write for catalog.

EARN \$25 WEEKLY, SPARE TIME, WRIT- ing for newspapers, magazines. Exp. unrec. Details free. Press Syndicate, 547, St. Louis, Mo.

RAILWAY MAIL CLERKS WANTED, \$133 month. Men, over 17. List positions free. Write Franklin Institute, Dept. D-15, Rochester, N. Y.

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

FOR SALE OR TRADE

FOR SALE—12-25 AVERY TRACTOR, BAR- gain. Schwaborn Brothers, Ellinwood, Kan.

GARDEN PLANTS ALL KINDS AT REA- sonable prices. Duphorne Bros., Harper, Kan.

FOR SALE—TUBULAR RADIATOR, SIZE 30x30 inches, and fan for \$75. Suitable for Avery and others. Levi M. Broman, R. 1, Falun, Kan.

SANDUSKY TRACTOR, 15-35, AND SIX disk LaCrosse plow; in good shape, for sale or trade; cheap; delivered any place. Write Ivan Lasher, Wymore, Neb.

FOR SALE OR TRADE—THRESHING RIG complete. New Avery separator 36x64. Thirty horse power Minneapolis engine. New cook shack completely furnished. Two new wagons and water tank. Will trade for livestock or land or sell for cash. Clyde Wells, St. John, Kan.

FOR THE TABLE

5 POUNDS FULL CREAM CHEESE, \$1.35 postpaid. Roy C. Paul, Moran, Kan.

HIGHEST GRADE EXTRACTED HONEY, 50 pounds, \$6.50; 120 pounds, \$12; here. Drexel & Sons, Beekeepers, Crawford, Colo.

KODAK FINISHING

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

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

FREE KODAK ENLARGEMENT WITH this trial order only. Mail 45 cents with any roll for developing and 6 best possible prints. Wichers Studio, Dept. M, Russell, Kan.

TOBACCO.

HOMESPUN TOBACCO, 5 POUNDS, \$1.25; 15 pounds, \$3. Send no money, pay when received. Farmers Association, Jonesboro, Ark.

TOBACCO—HOME SPUN EXTRA FINE chewing, 10 lbs., \$3. Smoking, 10 lbs., \$2; 20 lbs., \$3.50. Producers Exchange, Mayfield, Ky.

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

NATURAL LEAF TOBACCO, CHEWING, 5 pounds, \$1.50; 10 pounds, \$2.50. Smoking, 5 pounds, \$1.25; 10 pounds, \$2. Send no money. Pay when received. Tobacco Growers Union, Paducah, Ky.

TOBACCO—NATURAL LEAF, THREE years old. Extra fine smoking, 6 lbs., \$1. High grade chewing, 6 lbs., \$1.50. Pay for tobacco and postage when received. Farmers' Exchange, 125-A, Hawesville, Ky.

KENTUCKY TOBACCO—DON'T SEND ONE penny, pay for tobacco and postage on arrival. Extra fine quality leaf, 3 years old, nature cured. Chewing, 10 pounds, \$3. Smoking, 10 pounds, \$2.50. Farmers' Union, D107, Hawesville, Ky.

MACHINERY

FOR SALE, 25-50 AULTMAN TAYLOR tractor; 32x56 Minneapolis separator. Horn Brothers, Garnett, Kan.

25 AULTMAN TAYLOR ENGINE, 36x64 Avery separator. Complete outfit fully equipped. Arthur Snapp, Milo, Kan.

RUMELY 16-30 TRACTOR, 28x44 SEPARA- tor, nearly new, \$2,800. Rumely 12-20 new. Rumely, 12-20, used, \$600. Can use Rumely 20-40. Ira Emig, Abilene, Kan.

FOR SALE, 25-45 TWIN CITY TRACTOR in excellent condition. Ready to go right in the field and do business. Priced to sell. Woodbury & Marshall, Clay Center, Kan.

FOR SALE: 28x46 AVERY SEPARATOR, threshed only 12,000 bushels, well housed, 16-30 Rumely tractor; 4-bottom power lift Deere plow. Plowed 300 acres only. Must sell. Will sell separator alone. J. F., care Mail & Breeze.

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ENGLISH BARRON SINGLE COMB WHITE Leghorn eggs, high producing females mated with cockerels from 288-300 egg imported hens, \$1.25 setting; \$6 100. Roy Blackwelder, Isabel, Kan.

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COMPARE OUR BLOOD, OUR PRICES. Original stock 1919 from world champions 288 eggs, world champion (304 eggs) hen's grandsons headed flock last year. Only high producing hens, selected by state judge, kept this year with high testing 225 cockerels heading flock. Eggs, \$6 100. Pure Tom Barron Single Comb White Leghorns. Perry Dietrich, Miltonsale, Kan.

MINORCAS

LARGE TYPE PURE SINGLE COMB Black Minorca winners. Eggs \$6 per 100; chicks 16c. Herbert Rhodes, Clifton, Kan.

BLACK MINORCA BABY CHICKS, MAY delivery \$16 hundred, \$70 five hundred, \$125 thousand. Claude Hamilton, Garnett, Kan.

Minorca—Eggs

SINGLE COMB BLACK MINORCA EGGS, \$6 100. Henry Schumaker, Clifton, Kan.

S. C. BLACK MINORCA EGGS, \$6 100. Pleasant Hill Poultry Farm, Arlington, Kan.

PURE GIANT STRAIN SINGLE COMB Black Minorca eggs, \$6 100. Martha Greenwood, Clifton, Kan.

Orpington—Eggs

241 EGG STRAIN S. C. BUFF ORPINGTON eggs, \$10 per 100; world's champion layers, Hogan tested flock. Catalog free. Walter Bardsley, Neola, Iowa.

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Orpington—Eggs

FINE BUFF ORPINGTON EGGS, 15, \$1.50; 100, \$6. Postpaid. J. Thompson, Logan, Kan.

PURE BRED S. C. BUFF ORPINGTON EGGS, \$4.50 100. Mrs. S. Hutcherson, Oak-hill, Kan.

BUFF ORPINGTON EGGS, \$5 100, GOOD layers. Mrs. Harry Priddy, R. "C." Lib-eral, Kan.

CRYSTAL WHITE ORPINGTON EGGS, Kellerstrass, \$5 100. Gordon North, White City, Kan.

BUFF ORPINGTON EGGS, 11 LB. COCK-erels, 8 lb. hens, \$2 15. Walter Brown, Perry, Kan.

BUFF ORPINGTON EGGS, 5 CENTS EACH. Baby chicks, 12 cents each. J. R. Slentz, Chase, Kan.

ROSE COMB BUFF ORPINGTON FARM range eggs, 15, \$1; 100, \$5. Mamie Howell, Colony, Kan.

PURE BRED BUFF ORPINGTON EGGS, 75c setting; \$3 per 100. M. L. Young, Sawyer, Kan.

PURE SINGLE COMB BUFF ORPINGTON eggs. Good layers. \$4 100; 75c 15. Elmer Graves, Clifton, Kan.

WHITE ORPINGTON EGGS FROM HEAVY winter layers. 100, \$5. Mrs. Isabelle San-ford, Parkerville, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5 per hundred prepaid. Frank C. Leon-ard, R. 2, Emporia, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5 per hundred. Owen's strain. Mrs. Wray Hight, White City, Kan.

BUFF ORPINGTON EGGS, GOOD TYPE. \$1.50 15; \$8 100. Fern Laird, 1217 N. Washington, Wellington, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5 per hundred. Certified flock class B. Mrs. Harry Blythe, White City, Kan.

PURE BRED SINGLE COMB BUFF OR-ption eggs, \$1 per 15; \$5 per 100 pre-paid. Mrs. George McAdam, Holton, Kan.

BUFF ORPINGTON EGGS, BEAUTIFUL flock, carefully culled, fine layers, 30, \$2; 100, \$5.25 prepaid. Mrs. Elsie Welter, Flush, Kan.

WHITE ORPINGTON EGGS FROM FIVE pens of layers and blue ribbon winners. Goodrich and Harper, 712 Topeka Ave., To-peka, Kan.

BUFF ORPINGTONS, BRED FROM CHI-cago and Kansas City first prize winners. Eggs per setting, \$2.50 and \$3. J. A. Kauff-man, Abilene, Kan.

BUFF ORPINGTONS EXCLUSIVELY. Closely culled. Carefully bred for twelve years. Good layers. Prize winners. Eggs \$7 100; 15, \$1.25. Olive Carter, Mankato, Kan.

PLYMOUTH ROCKS

BARRED ROCK EGGS, \$4 100, CHICKS, 13c. Postpaid. Mabel Young, Wakefield, Kan.

WHITE ROCK EGGS FIFTEEN-\$1. HUN-dred \$5. Baby chicks 15c. Clark Earnest, Luray, Kan.

FOR SALE—WHITE ROCK EGGS, FISHEL and La Gear strain, \$1.50 per 15; \$6 per 100. P. W. Shaffer, Route 5, Salina, Kan.

LINDAMOOD'S BARRED ROCKS. UTIL-ity eggs \$1.00 per 15, \$6.00 per 100. Spe-cial matings \$5 per 15. Circular. C. C. Lindamood, Walton, Kansas.

IMPERIAL RINGLET BARRED PLY-mouth Rock eggs and chicks for sale, from breeding yards headed by largest males in Kansas. Weight 9 1/4 to 14 each. Eggs, 15, \$2; 100, \$10. Chicks, 50, \$12.50; 100, \$20. Satisfaction guaranteed. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

Plymouth Rock—Eggs

BUFF ROCKS, MATING LIST, WILLIAM A. Hess, Humboldt, Kan.

BUFF ROCKS, MATING LIST, WILLIAM A. Hess, Humboldt, Kan.

PURE BUFF ROCK EGGS, \$4.50 100. MRS. Hedgespeth, Wiley, Kan.

BUFF ROCK EGGS, 30-\$2.25; 100-\$6. Mrs. Guy Nelson, Circleville, Kan.

BARRED ROCK EGGS, \$6 PER 100. MRS. Annie Galbraith, White City, Kan.

100 BUFF ROCK EGGS, \$5; 50, \$3. MRS. Maggie E. Stevens, Humboldt, Kan.

BARRED ROCK EGGS, \$5 100. W. E. Richardson, Box 128, Barnard, Kan.

RINGLET BARRED ROCK EGGS, \$6 HUN-dred. Mrs. Lynn Bailey, Lyndon, Kan.

WHITE ROCK EGGS, \$6 100 PREPAID. Mrs. Theodore Steffen, Broughton, Kan.

RINGLET STRAIN DARK BARRED ROCKS. Eggs, 15, \$1. Mrs. Gill, Piedmont, Kan.

PURE BARRED ROCK EGGS, \$1 15; \$5 100. Mrs. R. N. Wilcox, Sylvan Grove, Kan.

PURE BRED WHITE ROCK EGGS, 100, \$5; 15, \$1. Mrs. Elwin Dales, Eureka, Kan.

WHITE ROCK EGGS, 200 EGG STRAIN. \$1 15; \$4 100. C. L. Loewen, Hillsboro, Kan.

BARRED ROCK EGGS, 15 FOR \$1.50 OR 100 for \$5 prepaid. Lewis Stewart, Colby, Kan.

BUFF ROCKS, PRIZE STRAIN, 100 EGGS, \$6; 15, \$1.25. Mrs. Robt. Hall, Needesha, Kan.

BARRED ROCKS, PARKS STRAIN. AFTER May 1st, \$5 100. E. McArthur, Walton, Kan.

PARK'S BARRED ROCKS, BRED TO LAY 32 years. Ask for egg prices. R. B. Snel, Colby, Kan.

FISHEL'S SELECTED WHITE ROCKS. Heavy layers. 100 eggs, \$7. Vera Basye, Coats, Kan.

PURE BRED BARRED ROCK EGGS, 30-\$1.85, 100-\$5.00. Catharine Beightel, Hol-ton, Kansas.

BUFF ROCK EGGS, PRIZE WINNERS. \$1.50 per 15. E. L. Stephens, Colorado Springs, Colo.

LARGE BONED WHITE ROCK FISHEL strain eggs 15-\$1.25 postpaid. P. L. Thiel-en, Dorrance, Kan.

BUFF ROCK EGGS, \$1.50 15; \$7 100. BRED for exhibition and egg production. Emery Small, Wilson, Kan.

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"Please discontinue my present poultry advertisement as I have sold all my breeding stock. It went like hot cakes."—A. L. H., Coffeyville, Kansas.

Plymouth Rock—Eggs

EXHIBITION HEAVY LAYING BARRED Rocks, Mating list. 100 eggs, \$6. Sylvan Miller, Humboldt, Kan.

PURE BRED BARRED ROCK EGGS. Thompson strain. Choice matings. F. M. Worley, Abilene, Kan.

BARRED ROCK EGGS, PARK'S 200 EGG strain, \$5 30; \$8 100 delivered. Gem-Poul-try Farm, Haven, Kan.

HIGH PRODUCING WHITE ROCKS. 200 egg strain. Now \$4 100, \$1 15. H. C. Loewen, Peabody, Kan.

WHITE ROCKS THIRTEEN YEARS. Good layers. Eggs, \$6 100; \$1.25 15. M. Mulanax, Cassoday, Kan.

BUFF ROCKS, TWENTIETH YEAR. EGGS, \$6 per hundred; \$3.50 per fifty. Mrs. Homer Davis, Walton, Kan.

BARRED ROCKS—84 PREMIUMS. \$5 firsts. Eggs, 15, \$3; 30, \$5. Mattie A. Gillespie, Clay Center, Kan.

REMEMBER OMER PERREAULT, MOR-ganville, Kansas, has Aristocrat dark Barred Rock eggs, 100 for \$5.

WHITE ROCK EGGS, DRUMM'S WINTER-lay 200 egg strain, \$1 15; \$6 100. Mrs. Frank Sutter, Effingham, Kan.

RINGLET BARRED ROCK EGGS, LAY-ing strain. Hogan tested. 30, \$2.25; 100, \$6. Frank Armstrong, Columbus, Kan.

"RINGLET" BARRED ROCKS, EXTRA layers. Eggs, 60, \$5; 120, \$8. Harper Lake Poultry Farm, Jamestown, Kan.

PURE BARRED ROCK EGGS, SELECTED heavy winter layers. 15, \$1; 100, \$5. Postpaid. G. C. Dresher, Canton, Kan.

BARRED ROCK EGGS, 7 CENTS EACH. Straight. Prepaid. Hogan tested. Well barred. Mrs. E. E. Shull, Ottawa, Kan.

NUGGET STRAIN BUFF ROCKS, FINE layers. Eggs, \$1.25 15; \$4 60; \$6 100 post-paid. Mrs. E. B. Powell, Higginsville, Mo.

RINGLET BARRED ROCK EGGS, FINE selected range 100-\$6; Pens 15-\$5; Parks 15-\$5. Mrs. Kaesler, Junction City, Kan.

WHITE ROCKS EXCLUSIVELY, FARM range. Eggs for hatching, \$6 hundred. \$1.50 setting. Mrs. Sam Lash, Abilene, Kan.

BARRED ROCKS, STANDARD BRED. Se-lected eggs, 100, \$6. First yard, 15, \$5; second, 15, \$3. Mrs. J. B. Jones, Abilene, Kan.

BARRED ROCKS—BRADLEY STRAIN. Layers. Weighers. Best quality. 100 eggs, \$6; 15, \$1.25. Mrs. Ira Emig, Abilene, Kan.

WHITE ROCK EGGS, EXHIBITION TRAP-nested strain, range, \$8.00-100 prepaid. Two special matings. Chas. Blackwelder, Isabel, Kan.

WHITE ROCKS, TWENTY-ONE YEARS selective breeding, 100 eggs, \$6.00; 50-\$3.50; 15-\$1.25, prepaid. Bracken Fogle, Williamsburg, Kan.

BUFF ROCKS—FARM FLOCK, PURE. Good laying strain with vitality. Eggs postpaid, 16, \$1.50; 50, \$3.50. F. J. Landes, Route 1, Abilene, Kan.

HEAVY LAYING STRAIN OF BARRED Rocks, 18 years select breeding. Eggs, \$1.25 per 15; \$6 per 100. Mrs. Helen Romary, Olivet, Kan.

RINGLET BARRED ROCKS, THOMPSON strain. Eggs from fine selected hens, \$1.25 setting; 3 settings, \$3.25; \$5 100. Mrs. F. R. Wycoff, Wiley, Kan.

WHITE ROCK LINE BRED HEAVY LAY-ers, winners at Kansas State show. Eggs, \$2.50 15 prepaid. Fertility guaranteed. Al-bert Heit, Parsons, Kan.

BARRED ROCKS, WINNERS BRED TO lay. Thompson strain. 15, \$1.50; 100, \$5. Special pens either mating, \$5 15. Wm. C. Mueller, R. 4, Hanover, Kan.

BARRED ROCKS—PURE BRED PRIZE winners and egg producers. Eggs, pre-paid, \$1.25 per 15; \$3 per 50; \$5.50 per 100. Mrs. James Dille, Beattie, Kan.

WHITE PLYMOUTH ROCKS, HEAVY LAY-ers. Show birds at farmer's prices. Spe-cialized 15 years. Eggs, \$1 per 15; \$5 per 100. H. L. White, Independence, Kan.

TOMPSON STRAIN BARRED ROCKS, KEL-low legs, 60, boned, red eyes, barred to the skin. Eggs, 100, \$6; setting, \$1.25. Mrs. Fred Miller, R. 3, Box 24, Abilene, Kan.

EXHIBITION QUALITY BARRED ROCKS. Stock from Thompson, none better, heavy layers, fertility guaranteed. Selected eggs, 100, \$6; 50, \$3; 15, \$1.50. Prepaid. D. A. Rodgers, Concordia, Kan.

BUFF ROCKS BRED FROM CHICAGO AND Kansas City first prize winners, fine, large, even colored, heavy laying stock. Eggs per setting, \$2.50, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.

BARRED ROCK EGGS REDUCED, LIGHT and Dark hens, headed by cockerels direct from Holtermans, \$3.00 per 15; \$5.00 per 30. General flock \$5.00 per 100. 38 prizes at last three shows. Dr. Hincley, Barnard, Kan.

BUFF ROCKS—FIFTH HIGHEST PULET to date against all breeds among 384 at Arkansas National Egg Laying Contest. Heart of America first prize winners. Eggs, \$2.50 per 15 or \$10 per 100. Dinmore Alter, Lawrence, Kan.

RHODE ISLANDS

ROSE COMB WHITE EGGS, SIX DOL-lars. Baby chicks, \$18. Heavy layers. Lloyd Kimball, Manchester, Kan.

FINE LARGE VIGOROUS SINGLE COMB Rhode Island R'ds. Tested. Exhibition, laying strain. Eggs, \$6 per 100 prepaid. Chicks, A. E. Trapp, Wetmore, Kan.

AFTER MAY 10TH FIRST COCK AT KAN-sas State Red Meat and all of my Rose Comb Reds in one flock. Eggs \$7 per 100. Chicks 17c. Mrs. E. C. Grizzell, Clifton, Kan.

EGGS FROM LARGE DARK RED ROSE Comb pure bred Rhode Island Reds. Five dollars hundred prepaid by insured parcels post. Mary Shields, Route 1, Barnes, Kan.

Rhode Island—Eggs

ROSE COMB RED EGGS, LARGE STOCK. Jerry West, Colony, Kan.

SINGLE COMB REDS, 100 EGGS, \$5.00. Gertrude Haynes, Grantville, Kan.

ROSE COMB RED EGGS, \$2 15; \$9 100 prepaid. Easterly & Easterly, Winfield, Kan.

ROSE COMB PURE BRED, EXCELLENT type. 15 eggs, \$1 postpaid. Ada Dilling-ham, Sabetha, Kan.

MEIER'S SINGLE COMB REDS, FIRST prize winners at Chicago and Kansas City. Extra quality eggs. \$5 per 50, \$10 per 100. H. A. Meier, Abilene, Kan.

Rhode Island—Eggs

ROSE COMB RED EGGS, \$5 100. THOMAS Spachek, Pilsen, Kan.

LARGE DARK S. C. RED EGGS, 15, \$1.25; 30, \$2. George Slater, Emporia, Kan.

QUALITY SINGLE COMB REDS, EGGS, \$3 for 15. J. R. Harner, Penola, Kan.

DARK SINGLE COMB RED EGGS, \$1.50 15; \$6 100. John Greenleaf, Mound City, Kan.

DARK ROSE COMB REDS ON FREE range, \$1.25 setting; \$6.50 100. Mrs. L. H. Conard, Rush Center, Kan.

PURE ROSE COMB DARK RED RHODE Island eggs, \$6.50 100 postpaid. Mrs. Ed Whiteside, Waterville, Kan.

PURE BRED RED TO THE SKIN ROSE Comb Rhode Island Red eggs, 15, \$1; 100, \$6. Dr. L. B. Caniwell, Syracuse, Kan.

BEANS PURE, EVEN, DARK ROSE COMB R. I. Red. Certified. \$1.25 15; \$3 50; \$6 100. Mrs. Lillie Wayde, Burlington, Kan.

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LARGE DARK RED SINGLE COMB EGGS, 15, \$1.50; 100, \$7. 250 egg strains. Pedigreed males. Mrs. Frank Smith, R. 2, Law-rence, Kan.

SATISFACTION—SINGLE COMBED RHODE Island Reds. Pens running with range. Eggs, \$4, \$5 100. J. A. Bockenstette, Sa-betha, Kan.

ROSE COMB RED EGGS, HENS PRO-duce \$50 male. Mated to \$5 to \$15 birds. 30 eggs, \$3; 50, \$4; 100, \$7.50. W. R. Hus-ton, Americus, Kan.

HOGANIZED 300 EGG STRAIN S. C. R. I. Reds. Eggs, \$5 per hundred; \$1.25 per 15. Also baby chicks, 20c each. Gertrude R. Huston, Emmett, Kan.

SINGLE COMB RHODE ISLAND EGGS. Healthy, mature, deep rich reds. Hogan-ized. \$8 100 prepaid. Cockerels, Mrs. Geo. Long, St. John, Kan.

ROSE COMB REDS; RICH COLOR SPLEN-did layers. Pen eggs, \$3, \$5 per 15; 50-\$10. Range, \$6-100. Alice Clinkenbeard, Westview Farm, Wetmore, Kan.

EGGS FROM DARK RED ROSE COMB Reds. Certified flock. \$2 15; \$8 100. Pure bred Bourbon Red turkey eggs, \$5 dozen. Ralph Scott, Burlington, Kan.

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PURE ROSE COMB RHODE ISLAND Whites. Strong range flock. Excellent layers. Eggs, hundred, five dollars; fifteen, one dollar; postpaid. Mrs. F. E. Peek, Wellington, Kan.

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BEAUTIFUL SILVER WYANDOTTE cockerels. \$5. Eggs, \$3 for 15. Mrs. Edwin Shuff, Plevna, Kan.

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SILVER WYANDOTTES, STATE TEST, certified. Eggs, range flock, \$1.50 15; \$6.50 100. Pen, 15, \$2.50. Chicks, 22 cents. Lawrence Blythe, White City, Kan.

WHITE WYANDOTTES, MARTIN AND Keeler strains direct. Record layers. Closely culled, 500 eggs, \$30; 200, \$12.50; 100, \$6; 50, \$3.50; 30, \$2.75; 15, \$1.50. Orders filled promptly. Baby chicks April and May delivery prepaid. Safe delivery and satis-faction guaranteed. Garland Johnson, Mound City, Kan.

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BRED TO LAY WHITE WYANDOTTE eggs, \$1.25 setting; \$4 100. J. Lilly, West-phalia, Kan.

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WHITE WYANDOTTE EGGS, PURE BRED. 15, \$1; 100, \$5.50. Sadie Springer, Man-hattan, Kan.

COLUMBIAN WYANDOTTE EGGS, 100-\$6; 50-\$4.50; 15-\$1.50. Postpaid. P. J. Voth, Goessel, Kan.

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PURE SILVER LACED WYANDOTTE eggs, \$3.50 for 50; \$5 hundred. Mrs. Will McEnaney, Seneca, Kan.

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WHITE WYANDOTTE EGGS FOR HATCH-ing. Record layers. Catalogue free. Mrs. A. J. Higgins, Effingham, Kan.

REGAL STRAIN DIRECT WHITE WYAN-dotte eggs from heavy laying prize win-ning stock, \$1.25 15; \$6 100; 4 prepaid. Mrs. Beni. Carney, Marion, Kan.

SILVER WYANDOTTE EGGS FROM LAY-ing strain, \$1.50 setting; \$7.50 hundred. Henry L. Brunner, Newton, Kan.

WHITE WYANDOTTES, CAREFULLY SE-lected winter layers. Eggs, \$3.50 50; \$6 100. Emma Savage, Miltonvale, Kan.

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WHITE WYANDOTTES, EXTRA LAYERS, closely culled. Royal Dorcas cockerels from Martin of Canada head flock. 100 eggs, \$5.50; 20, \$2.50. Fertility, safe de-livery guaranteed. Chas. Kaiser, Miltonvale, Kan.

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WYANDOTTES, PARTRIDGE AND Whites. Special April and May. Pens \$1.25 15 eggs; range, \$4.50 100. O. E. Collins, Paola, Kan.

WHITE WYANDOTTES, BARRON'S LAY-ing strain. Setting, \$2; 50 eggs, \$5; 100, \$9; all prepaid. Guarantee 60% hatch. H. A. Dressler, Lebo, Kan.

PARTRIDGE WYANDOTTE, MAHOGANY strain, also Golden Wyandotte, all prize winning eggs. 15, \$1.50; 100, \$8. E. Mont-gomery, Independence, Kan.

EGGS; BRED TO LAY, WHITE WYAN-dottes mated to Barron cockerels. 100, \$4.50. Pen Barron pullets mated to Martin cockerels, 15, \$2. Mrs. H. E. Thornburg, Formoso, Kan.

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PRIZE WINNING GIANT BRONZE TUR-keys. Eggs, \$1 each; 10, \$9. Beautiful Ringlet Barred Rocks, 75c setting. White Pekin ducks, \$1.25 setting. Ed Lockwood, Kinsley, Kan.

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WHITE HOLLAND EGGS, \$5 DOZEN. F. A. Enke, Green, Kan.

WHITE HOLLAND EGGS \$5-13. Mrs. Her-bert Rhodes, Clifton, Kan.

BOURBON RED TURKEY EGGS, 40 CENTS each or \$35 per 100. Carrie Yapp, Jewell, Kan.

PURE BOURBON RED TURKEY EGGS \$5 dozen postpaid. C. F. Hisey, Holcomb, Kan.

BOURBON RED TURKEY EGGS, CHOICEST stock, \$5 per 10. Mrs. Clyde Meyers, Fredonia, Kan.

PURE BOURBON RED TURKEY EGGS, \$4.50 per 11. Mrs. Grant Griffin, Ellis-worth, Kan.

GIANT BRONZE TURKEY EGGS FROM large select stock, \$1 each. Trio to sell, Vira Bailey, Kinsley, Kan.

MAMMOTH WHITE HOLLAND TURKEY eggs. 75 cents each. Certified class A. Stevens Whistler, Diamond Springs, Kan.

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MAMMOTH BRONZE TURKEYS FROM Chicago and Madison Square winners. Eggs, \$1 each; 11 for \$10. E. Biddleman, Kinsley, Kan.

WANTED: BRONZE, WHITE AND BOUR-bon Red Turkey eggs. Write me what you have to offer. Also need Runner Ducks. Paul Frehse, Clarinda, Iowa.

EGGS FROM GIANT BRONZE TURKEYS. 40 lb. toms several generations. 75c each. White Pekin ducks, prize winning strain, \$1.25 setting. Elmer C. Larson, Courtland, Kan.

GIANT BRONZE TURKEY EGGS. BEST of breeding. \$1 each. First prize tom at Wichita State Poultry Show at head of flock. Booking orders. Ben Ely, Kinsley, Kan.

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TOULOUSE GESE, LIGHT BRAHMA eggs. Walter Seimears, Howard, Kan.

1949 COCKERELS, HATCHING EGGS, 40 varieties. Free book. Aye Bros., Box 6, Blair, Neb.

ALL VARIETIES OF BETTER BRED poultry produced by specialists. For money saving prices on chicks or eggs write, stating breed desired, to Milton Smith, Sec-etary, Rocks County Poultry Association, Plainville, Kan.

EGGS FROM CHOICE BLUE ANDALU-sians. Excellent layers. Winners where ever exhibited. Also from Irish grey black breasted red blue Marines, Red Cuban, Pit Games, pure stock, \$2 15; \$8 100. Prepaid. Insured. Henry Green, Wellington, Kan.

EGGS FOR HATCHING, PURE BRED poultry 272 to 300 laying strain. Black and White Langshans, Light Brahmas, An-conas, \$1.50 per setting; \$7 per 100. Barred and Partridge Rocks, Sicilian Buttercups, \$2 per setting. Satisfaction guaranteed. Mrs. Elmer Caywood, Raymond, Kan.

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BLUE RIBBON BUFF ORPINGTONS, BUFF Wyandottes, Sicilian Buttercups, 15 eggs, \$1.50. Wm. Turner, Fredonia, Kan.

ROSE COMB SILVER LACED WYAN-dotte eggs, 15, \$1; 30, \$1.50; 100, \$5. Baby chicks, 12c each. Buff Orpington duck eggs, 12, \$1.50. Toulouse geese eggs, 25c each. Herbert Kruger, Seneca, Kan.

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OFFER YOUR BROILERS AND OTHER poultry to us. Cash bids any time. "The Copes," Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

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CURE AND PREVENT ROUP AND BLACK-head. Roup, \$1. Blackhead, \$1. Both, \$1.50. Ridgeway Ranch, Exeter, California.

A National Arbor Day

The Golden Anniversary of Arbor Day, established 50 years ago in "tree-less Nebraska," will be celebrated throughout the United States, April 22, the final day of "Forest Protection Week." Every state heretofore has set its own date for holding tree-planting exer-cises. This year, however, being a notable anniversary of the custom started in Nebraska, President Har-ling, by proclamation, has asked all the states to observe the occasion on the day celebrated by the pioneer state where the idea originated.

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80 WEST. KAN., excellent wheat land, \$15 to \$20 per a. Joe McCune, Elkhart, Kan.

80 ACRES, 5 miles town, good improvements. \$5,000. Trades a specialty. Franklin Co. Investment Co., Ottawa, Kan.

IF YOU want to buy, sell or trade your land for income or general mdse. write Ringy & Nelson, 114 W. 8th, Topeka, Kan.

320 ACRES, Grant county on Santa Fe building from here. \$20 acre. Near new station. Terms. John D. Jones, Satanta, Kan.

160 ACRES in Kearney county, all level, \$17.50 per acre. Terms. Take in good used car. H. L. Baker, LaCrosse, Kansas.

320 ACRES, Scott county, unimproved, level, all in grass, only \$20 acre. Terms. Jas. H. Little, LaCrosse, Kansas.

8. E. KANSAS FARM, \$75.00 ACRE 150 acres highly and newly improved. Culver & Clay, Humboldt, Kansas.

80 ACRES HIGHLY IMPROVED, \$65 ACRE 1/2 mile of town, 2 railroads, best bargain in Kan. Sewell Land Co., Garnett, Kan.

80 ACRES, 5 miles Ottawa; all tillable; 2-room house; barn; well located. Must sell. \$6,500. Easy terms. Mansfield Land & Loan Company, Ottawa, Kansas.

80, 160, 320. All imp., 2 to 6 miles from good town in southern Greenwood county. These farms must be sold. Come quick. A. M. Brandt, Severy, Kansas.

160 ACRES, 5 miles south of Solomon. Good imp. 10 acres oats, 100 acres wheat, all good. Price \$100 an acre. Georgia E. Baker, Route 2, Box 15, Solomon, Kansas.

480 ACRE fine wheat farm, special bargain, improved, near depot, elevators, county seat and high school, \$46.66 per acre. J. S. Dawson, Topeka, Kansas.

LAND producing \$100 to \$1,000 per acre, 5 to 40 acre, payments, \$50 to \$300 down. Send for booklet. The Magnolia State Land Company, Jola, Kan.

480 ACRES virgin soil, \$7750. Best wheat land. Stanton county, near Ry. (now bldg.) \$4,000 cash, bal. annual payments, 6% int. Write owner, James Herrick, Johnson, Kan.

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Jola, Kan.

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

160 ACRES, choice farm land, located 1 1/2 miles from market. All in grass. Price \$22.50 per acre; only \$600 cash, balance at 7%. Don T. Edwards, Plains, Kansas.

WHY PAY RENT when we can offer you a 320 acre farm located in Gray Co., Kan., well improved, 160 acres wheat. Located 2 mi. Copeland. Possession Aug. 1. Price and terms reasonable. Frank McCoy, Sublette, Kan.

SEVERAL good wheat farms and ranches in southwest Kansas. Clear. To trade for eastern Kansas or Missouri farms if clear. Clay McKibben Land Co., Dodge City, Kan.

QUARTER ON NEW R. R. Haskell Co., 4 miles from town on Santa Fe building out of Satanta. Price \$2,900. Terms on \$1,500. All level wheat land. Write owners, Griffith & Baughman, Liberal, Kan.

LAND AHEAD OF DEVELOPMENT On two lines of railroads under construction. You do the developing and reap the reward. Will give terms. Write owner, John W. Baughman, Liberal, Kansas.

320 ACRES, five miles town, good improvements, 40 acres wheat. Price \$40.00 per acre. Want highly improved farm close to town. Write for list and Kansas map. Mansfield Investment & Realty Company, Healy, Lane County, Kansas.

YOU CAN OWN A FARM under these terms. 1,600 acres good farm land in any size tract near Ulysses, Grant Co., Kansas. New Santa Fe railroad now under construction near this land. Price \$25 acre, one-fourth down, bal. in ten annual payments, int. 6%. R. R. Wilson, Owner, Dodge City, Kansas.

CUT IN RATES

For Real Estate Advertising
New Rates
45c a line per issue on 4 time orders.
50c a line per issue on 1 time orders.
(Rate was 75c a line.)

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.

KANSAS

FARM and ranch land, \$10 to \$50 a. Tell me your wants. R. M. Crawford, Hugoton, Kan.

80 ACRES, 6 miles Ottawa, good imp., worth \$150 a. Take \$110, good terms, possession. 165 a., 3 mi. R. R. town, high school, Franklin Co., good imp., \$80 per a., extra good terms. Write Spangler Land Co., Ottawa, Kan.

FOR SALE—210 a. high class grain farm; well improved; 2 miles of town; ideal farm for dairying. For full particulars of this and other farms write the Mansfield Land Mortgage Co., 312-13 New England Bldg., Topeka, Kansas.

STANTON, GRANT AND HASKELL county, Kansas, land, 1/4 section and up, \$15 to \$20 acre. Buffalo grass sod. Best wheat land. Santa Fe Ry. now under construction. 1/2 cash, balance 5 years 6% annually. This land will double in value after R. R. is built. Bargains in S. W. Kansas improved farms. Write Eugene Williams, Minneola, Kansas.

280 ACRE FARM to be sold at once in order to settle estate. Near Dennis, Kansas; 140 acres cultivation, 80 acres pasture; 60 acres hay; near 3 towns affording good markets; 5 room house; cellar; barn; granary; silo; telephone and rural route. Write Box 213, Coffeyville, Kansas.

THE HOME YOU HAVE ALWAYS WANTED 320 acres rich fine land on oil road, beautiful drive to K. C., wheat, corn, alfalfa, bluegrass, clover grow to perfection, living water, 6 r. house, large barns, cribs, granary, finely located, near two good towns, school across the road, possession, forced sale; \$95 per acre, attractive terms. Where can you duplicate it? See this farm. MANSFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., Kansas City, Mo.

FOR BEST BARGAINS in Grant Co., Ark., farms, write P. E. Teter, Sheridan, Ark.

2 IMPROVED OZARK FARMS: 160 acre stock ranch, \$3,500; 80 a. stock and fruit farm, \$1,600; immediate possession; terms. Write J. H. Dale, R. 3, Sulphur Springs, Ark.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

160 ACRE FREE HOMESTEADS, Arkansas Ozarks. Raise corn, cotton, clover, potatoes, fruit. Close schools, church, railroad. Deer, turkey hunting, fishing. Can file now, take possession next fall. Special terms to soldiers. Particulars free. Maurice F. Decker, Norfolk, Arkansas.

65 ACRE TOWN DAIRY, fourth produce; 20 acres, \$100; \$5 monthly. Own 34 orchards, apiaries, dairies, poultry, truck, stock, fur rabbitry and unimproved; take fourth crop payments, work, auto; healthful Ozarks. White river, railroad, college, springs; no malaria, blizzards, floods, cyclones, fuel famines, droughts, as elsewhere. Fishing, boating, pearling, hunting, trapping; resort prospectus; maps (state buyers' homestead plots) guides, views, Facts vs. Fiction, 35c. K. F. Hitchcock, Norfolk, Arkansas.

ARKANSAS

FOR BEST BARGAINS in Grant Co., Ark., farms, write P. E. Teter, Sheridan, Ark.

2 IMPROVED OZARK FARMS: 160 acre stock ranch, \$3,500; 80 a. stock and fruit farm, \$1,600; immediate possession; terms. Write J. H. Dale, R. 3, Sulphur Springs, Ark.

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COLORADO

COLORADO, 480 acres, bargain. Write owner, John B. Fried, Jamestown, No. Dakota.

30,000 ACRES, heart of Baca Co. farming belt. Wheat and corn average 30 bu. acre. Price \$15 to \$30. Chas. Stoner, Villa, Colo.

CHOICEST, most productive farm lands, \$12.50 to \$25.00 per acre. Baca county. Syndicate Land Co., Springfield, Colo.

360 ACRES, well improved, in eastern Colo. where every acre put in crop will pay for itself the first year. Price \$30 per acre. J. Stellwagen, Kendrick, Colorado.

COLORADO STOCK RANCH—Big bargain. 17,000 a. (1,680 a. deeded, bal. state leased land). Near Colorado Springs, elegant grass, good water, fences, 2 sets improvements, cash price \$55,000. Immediate possession. C. C. Carson, Owner, Jefferson City, Mo.

HALT! READ THIS! THEN ACT! The north 1/4 of Sec. 34, Township 31, Range 46, Baca Co., Colo., 6 miles south Springfield, 1 mile from state highway, 1 mile from telephone line and daily mail service. 40 a. in cultivation and fenced. Good well. This must sell. Price only \$12.50 acre. Can arrange some terms if necessary. Otto Alexander, Springfield, Colo.

CANADA

IDEAL SOILS, LOW ALTITUDE. Eighteen hours sunshine with abundant precipitation. Produces wonderful results. Write Bettles Land Co., Swan River, Manitoba.

FLORIDA

FREE BOOKLET—"FLORIDA HOMES" Florida Investment Company, Tampa, Fla.

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

\$1 WEEKLY will buy a home of 20 acres, good land, in sunny south Missouri. Particulars free. W. A. Merriam, Taneycomo, Mo.

277 ACRES, rich level black land, joining Sedalia, Mo. 3 sets imp., will subdivide, terms. C. E. Kroh, Scarritt Bldg., K. C. Mo.

THREE GOOD FARMS—\$5 to 160, 3 miles good county seat and college town, good roads, good soil, good water, bargain prices. Liberal terms. West Realty Co., Bolivar, 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 425-0, Carthage, Missouri.

ATTENTION FARM BUYERS—I have all size farms for sale. Well improved. Good soil. Good water. Mild climate. Low prices. Good terms. List free. Write Frank M. Hamel, Marshfield, Mo.

MICHIGAN

MICHIGAN farms for sale. Send for farm folder. Large tracts grazing lands. Greacens Real Estate Agency, Kalkaska, Mich.

MONTANA

MONTANA WHEAT LAND Write F. P. Rowell, Judith Gap, Mont.

MINNESOTA

WONDERFUL OPPORTUNITY to get farm home. Your money refunded with interest after 1 year's trial. You take no chances. Clover land, cannot be excelled. Low prices, easy terms. Rullen Land Co., Baudette, Minn.

OREGON

FOR SALE—62 acre farm 48 miles south of Portland. Running water. Horses, cattle, machinery, household goods all go for \$6,000. A. H. Koppang, Silverton, Ore., Star R. R.

TEXAS

FOR SALE—1,300 acres, 1 mile Santa Fe station, Seipscomb Co., Tex. Near Okla. line; good for grain or stock ranch. For particulars write Milo J. Owen, Barton, Vt.

CATTLE RANCH, buy half section, good well, \$20 per acre. Lease 4 sections from owners \$65 per section. Age reason. Box 44, Ware, Dallam Co., Texas.

WISCONSIN

\$25 PER ACRE—80 acres level land midway Bruce and Weyerhaeuser, Wis. O. L. Olson, Weyerhaeuser, Wisconsin.

MISCELLANEOUS

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

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

FREE GOVERNMENT LANDS Our official 112-page book, "Vacant Government Lands," lists and describes every acre in every county in U. S.; tells location, place to apply, how secured free, 1922 diagrams and tables, new laws, lists, etc., price 50 cents postpaid. Webb Publishing Co., Dept. 92, St. Paul, Minn.

THE GREAT NORTHERN RAILWAY has 8,000 miles of railroad in Minnesota, North Dakota, Montana, Idaho, Washington, and Oregon. In this vast empire lands are cheap and taxes low. Send for free books describing grain lands, dairying, fruit growing and stock raising. We can locate you no matter what line of agriculture you wish to follow. Low round trip homeseekers fares. E. C. Leedy, Dept. G, St. Paul, Minn.

120-Acre Missouri Farm \$1,500 Team, poultry, 18 cattle, hogs, implements included; good house, barn. Only \$1,500, part cash. Page 103 free catalog.

STROUT FARM AGENCY, 831GP New York Life Bldg., Kansas City, Mo.

SPECIAL LOW ROUND TRIP HOME-SEEKERS' TICKETS will be in effect the first and third Tuesday of each month to Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Send for free book describing opportunities for securing grain lands, dairying, stock raising and fruit growing. Cheap land and opportunities for all. E. C. Leedy, Dept. 57, Great Northern Railway, St. Paul, Minn.

700 ACRES, 1/4 mi. R. R., high school, 1285 cult., 80 alfalfa, 80 wheat, for hdw. or general mdse. L. S. Hoover, Eureka, Kan.

FOR SALE OR TRADE—Garage, rooming house, shoe store, farms, suburban tracts, city property, ranches. H. H. Johnsmeyer, Marion, Kansas.

SALE OR EXCHANGE for stock of mdse., modern broom factory, Centralia, Mo. Labor conditions unexcelled. Capacity 75 to 90 doz. Cash price \$16,000. Fully equipped. C. C. Carson, Owner, Jefferson City, Mo.

\$16,000 STOCK OF MDSE. Groceries and new buildings, in good Lyon county town, has good trade and is making money, wants a good farm well imp. equal value. Many other good trades and cash bargains in Lyon county farms. E. B. Miller, Miller, Kansas.

TO THE INVESTOR We have some bargains in farms, ranches and income property for sale and exchange. If you have something for exchange tell us your wants. Also have grocery stores, confectioneries and other small business propositions for sale. If you are in the market for anything get in touch with us. Hemphill Land Company, Lawrence, Kansas.

FINE APARTMENT, income \$6,510 per year, operating expenses \$1,800 per year, price \$65,000, incumbrance \$22,000. Want clear farm for equity.

480 acres, highly improved, fine stock and grain farm; 2 sets improvements; fine new modern \$17,000 home built 1921; 4 miles Lawrence; price \$200 per acre; incumbrance \$52,000. Want land or business building. Mansfield Investment Co., Lawrence, Kan.

NEAR KANSAS CITY 528 acre farm, less than one hour's ride from Kansas City, Mo.; 200 acres in blue grass, balance in crops; good 7 room house, barn, granary, cattle barn and cribs; price \$250 per acre; mortgage \$65,000, due 3 yrs. at 6%. Want to exchange this for farm clear of debt, in Missouri, Kansas, Oklahoma or Texas. Write W. R. Buchanan, Agent, 907 Exchange National Bank Bldg., Tulsa, Okla.

A REAL FARM WANTED Have client with five story, well located, down town Kansas City business building and a beautiful boulevard residence in a highly restricted district, lot 180 by 160. Refused \$300 monthly rental for residence. Wants to exchange both for first class farm up to \$125,000.

HARRISON & START, 209 East 10th St., 4 trunk lines, Main 5280 Kansas City, Mo.

FOR SALE OR EXCHANGE for Ke farm, 110 acres in the Imperial Vall California, 7 1/2 miles from Imperial, the finest irrigation system in Cal. Rich soil, adjoins main ditch and all for perfect irrigation. Will grow cotton, grape fruit, grapes, garden trialfa or any crop suited to a semi-climate. Will exchange for good farm priced right or will sell as w divide and make terms to suit res, person. This land has bank appra one year ago of \$13,000 and I am pri at \$100.00 per acre, which is \$25.00 to under similar land. Get you a farm w there is practically no winter and cro never fail. H. W. Dorsett, 1750 East 2d St., Long Beach, California.

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

SMALL FARM WANTED—If you have a good low priced farm for sale or exchange write me at once with full description and lowest price. John D. Baker, DeQueen, Ark.

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

SALE OR EXCHANGE

LIST MDSE. with us for land and income. Triplett Land Co., Garnett, Kansas.

SELL and exchange Franklin Co. land, \$75 a. and up. Lyman Dickey & Co., Ottawa, Kan.

TRADE east Kansas farms for west Kansas land. Rafter Mtg. Co., Holton, Kansas.

WANTED a small hardware stock in a good town in exchange for a good farm. Address, 2274 Russell Ave., Kansas City, Kan.

320 ACRES, bottom, 1/4 mi. R. R., high school, 1285 cult., 80 alfalfa, 80 wheat, for hdw. or general mdse. L. S. Hoover, Eureka, Kan.

FOR SALE OR TRADE—Garage, rooming house, shoe store, farms, suburban tracts, city property, ranches. H. H. Johnsmeyer, Marion, Kansas.

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

The Population of Kansas

The population of Kansas, as shown by the United States Census of 1920, was 1,769,257. Of these 1,708,906 were whites, 57,925 were negroes, 2,276 were Indians, 68 were Chinese, 52 were Japanese, and 30 under the classification, "All Others." Under those classified as of native parentage were 667,403 males, and 641,401 females; those classified under foreign parentage included 84,388 males and 79,567 females; under mixed parentage are included 63,681 males and 61,879 females.

How to Study Birds

Herbert Keightley Job has written a book on "How to Study Birds" which should be of interest to every person who is a friend of "our feathered friends." It provides a technique for the study of this form of life which is decidedly helpful, and which is lacking as a rule until one has obtained some training from a specialist. The book is unusually well illustrated. It is issued by The Macmillan Company, 66 Fifth Avenue, New York City, N. Y.; the price is \$1.50.

Twenty-five hundred thousand francs' worth of radium is to be purchased by the city of Paris to be used for the treatment of cancer in public hospitals;

Important Land Auctions

If you want a farm investigate these farm auctions:

Clifton, Kan., Wednesday, April 26

120 acres, highly improved. 105 in cultivation; nice dwelling; good barns and other buildings. A splendid river bottom farm. Liberal terms.

Clifton, Kan., Thursday, April 27

240 acres, all in cultivation, a real farm known as the Hans Hansen farm. Attend both sales. Come to Clifton. Good hotel. Ask your railroad agent to route you. For further particulars write to

Mid-West Sales Co., Manhattan, Kansas

Aucts.: C. Vernon Noble, Manhattan, Kan.; Jas. T. McCulloch, Clay Center, Kan.

Tucker's Poland Production Sale

At Farm 15 Miles Wichita, Kan., Thursday, May 4

35 sows and gilts and 5 boars. MASTERPIECE WONDER 2ND, by Masterpiece Wonder out of Big Maid, (a linebred Grandmaster boar) REX KING by Joe's Rex Americus out of Queen Forrest 4th, and T'S MASTERPIECE by Masterpiece out of Miss Pacemaker are the sires to which most of the females are bred.

GILT ATTRACTIONS—1 by King Pin out of Belle Orange. (King Pin is by Fashion-Piece, a littermate of the \$17,200 Fashion Girl.) 2 by Masterpiece out of Miss Pacemaker by Checktaker (Giant and Grandmaster breeding combined). These gilts won 1st and junior championship at a number of recent hog shows. 1 by The Joker out of a dam by The Yank. 1 by Masterpiece Wonder. 2 by Masterpiece Wonder 2nd, 1 by Fashion Liberator bred to T's Joker, 4 by Joe's Rex Americus, 1 by The Yank, 6 by W's Yank out of a daughter of Big Maid, 3 by J's Constructor out of Big Maid, 2 by Rex Americus, etc. ALL TO FALLOW IN MAY AND JUNE. 10 tried sows, some with pigs at side sell.

SPRING BOARS—One each by W's Yank out of Big Maid 5th, by Masterpiece out of Miss Pacemaker, by The Yank out of a granddaughter of Nemo S., by M's Great Jones out of a Morton's Giant dam, and by Joe's Rex Americus. One of the herd sires as well as a number of the females to be sold are out of BIG MAID, one of the best breeding Poland sows in the southwest. The Tucker Poland herd is one of the best in Kansas and the southwest and this production sale provides opportunity for one to get excellent purebred sows and gilts that farrow in May or June when weather conditions insure saving a high percentage of the pigs. Write today for catalog, mentioning Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter, Address

Joe Tucker, 140 South Belmont Ave., Wichita, Kansas
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

POLAND CHINA HOGS

Mammoth Type Poland Chinas

30 Bred Sows

Sale Pavilion,

Colby, Kan., May 2

First Semi-annual sale of high class registered Poland China young sows. Most of them by King Dick Wonder, a 900 pound boar. Others by Wonder Timm, by Wonder Again. Some are bred to Wonder Timm and others to Bow Picture Darkness. For sale catalog address

J. R. HUSTON, GEM, KANSAS

Deming Ranch POLANDS

Two-year-old sows bred to Latchnits for April farrow. Choice September, October and November pigs, either sex. A few Latchnits litters among October and November pigs. If you want a Latchnits pig get your order in early.

H. O. Sheldon, Supt. Swine Dept., Oswego, Kan.

FREEDOM STOCK FARM

Extra large type Poland China fall boars, and Sept. farrow, sired by Jumbo Giant, champion Belleville 1921 and Long Randall Big Bob. We breed for "size quality" to get the most pounds. "Size quality" to get the most pounds. "Size quality" to get the most pounds.

Judge to know your wants.

VIERCINSKY, BELLEVILLE, KAN.

Poland Pigs (Immured)

and gilts sired by Joe's Designer and d and out of 700 lb. dams. Write me your prices. J. S. Flaska, Swanton, Nebraska.

Immured Poland Pigs

able males, \$25; bred gilts, \$30; and Sept. \$15. GEO. J. SCHOENHOFER, Walnut, Kan.

Poland Baby Pigs For Sale

at weaning time. Price \$25; pair, \$45; trio, \$65; not related. Mrs. A. J. Swingle, Leonardville, Kan.

GOOD, GROWTHY POLAND CHINA BOARS

by Valley Jumbo of fall farrowing, from big litters. Price \$20 and \$25, satisfaction guaranteed. E. M. Wayde, Burlington, Kansas.

SPOTTED POLAND CHINA HOGS

Cloverdale Spotted Polands

Weaned pigs by Royal Duke 45063, one of the best sons of Y's Royal Prince 6th. These pigs out of five to six hundred pound sows, mostly granddaughters of Old King of England. Are choice well marked with plenty of length, height and extreme bone. At \$20 each or \$55 for an unrelated trio. They sell guaranteed to suit you or money back. Ship C.O.D. if desired.

WM. ATWELL, BURLINGTON, KANSAS

Spotted Poland Chinas

Stock of all ages. The best blood lines. A. S. Alexander, Burlington, Kansas.

Gilts Bred to Son of Grand Champion

Leopard King 6339, also good herd boar. Everything double immune and priced to sell. T. L. CURTIS, DUNLAP, KANSAS

Spotted Polands, Both Sexes

Big type and English. C. W. Welsenbaum, Altamont, Kan.

HAMILTON'S SPOTTED POLANDS

Best of breeding. All ages. Exceptionally good Sept. boars. Prices right. Satisfaction guaranteed.

W. P. Hamilton, Belle Plaine, Kansas

HAMPSHIRE HOGS

Walter Shaw's Hampshires

200 HEAD: REGISTERED. Immured, tried bred sows and gilts, serviceable boars.

WICHITA, KANSAS, RT. 6, Telephone 3918, Derby, Kan.

Purebred Hampshire Pigs

for sale, either sex, each \$15; pair, \$25; trio, \$37.50. Joe O'Bryan, St. Paul, Kansas.

WHITEWAY HAMPSHIRE ON APPROVAL

Choice fall boars and gilts. Big hardy fellows sired by the champion. Immured pairs and trios not related. F. B. WEMPE, FRANKFORT, KANSAS.

SUMMIT HOME

Choice fall gilts and boars ready for service, prize winning strain. Immured and shipped on approval. S. W. Shinneman, Frankfort, Kan.

HORSES AND JACK STOCK

35 Head of Registered Jacks

as good as grows, by Grand Champions at Southern State shows, 2 to 7 yrs. old, 15 to 16 hands high, 9 to 10 inch bone used in our stables last season, can show colts. Few Belgian and Percheron Stallions. This stock must be sold in next 60 days. We have what we advertise. Can ship over Santa Fe, Mo. Pac. and Frisco.

J. P. MALONE, LYONS, KANSAS
M. H. MALONE, CHASE, KANSAS

35 Mammoth Jacks

Big heavy bone, black jacks, 15 and 16½ hands, weight up to 1200 pounds, 3 to 5 years old. Guaranteed. We have colts to show you. High class Percheron mares and fillies and young stallions.

Al E. Smith, Lawrence, Kan.

6 Percheron, Ton Breeding Stallions

7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors.

GEO. SCHWAB, CLAY CENTER, NEB.

GREAT SHOW AND BREEDING JACKS

Priced right. Hineman's Jack Farm, Dighton, Kan.

Reg. Belgian Stallion, 7 Years Old

For sale or trade, wt. 1800 lbs., sure breeder. Will accept good note. Wm. Littlefield, St. Marys, Kansas

Four Registered Percheron Stallions

for sale, three blacks and 1 bay from 2 to 3 years old. Price \$150 each. C. E. Whittlesey, Mound Valley, Kan.

CHESTER WHITE HOGS

CHESTER WHITE BOARS

Fall boars, wt. 175 to 225 lbs., by Chief Justice 2nd and Alpha Model, big type breed, prize winning blood. Weanling pigs, special prices on trios, not akin. Everything immune. Shipped on approval. Write for circular. Alpha Wiemers, Diller, Nebraska.

40 O. I. C. PIGS

large smooth type. Harry Haynes, Grantville, Kan.

One Extra Choice October Boar

immune. HENRY MURR, Tonganoxie, Kan.

FALL BOARS, WEIGHT 200 POUNDS

Sired by prize winners, \$35 and up. Shipped on approval. Henry Wiemers, Diller, Neb.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer

217 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

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

Vernon Noble, Auctioneer

Manhattan, Kan. Livestock and Real Estate.

HOMER BOLES, RANDOLPH, KANSAS

Purebred stock sales, land sales and big farm sales. Write or phone as above.

The Livestock Service of the Capper Farm Press

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

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

Following are the territory and office managers:

W. J. Cody, Topeka, Kansas, Office.
John W. Johnson, Northern Kansas.
J. T. Hunter, Southern Kansas.
Stuart T. Morse, Oklahoma.
Jesse R. Johnson, Southern Nebraska.
R. A. McCartney, Northern Nebraska.
O. Wayne Devine and Chas. L. Carter, Missouri.

T. W. Morse, Director of Livestock Service
Kansas Farmer and Mail and Breeze
Topeka, Kansas

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

FIFTY-FOUR counties now are entered in the "Better Bull" contest, in which the Kansas City Chamber of Commerce is offering \$2,000 in prizes for the greatest replacement of scrub bulls by registered bulls. Forty-nine of the counties entered are farm bureau counties. The entries in non-farm bureau counties are made by county breeders' associations. The recent entries are Gray, Labette, Lyon and Stafford counties.

Dr. L. E. Shay's Holstein Sale

Dr. L. E. Shay's Holstein dispersion at Atchison, Kan., Saturday, April 15, drew a good crowd of Holstein breeders and farmers from Atchison and adjoining counties. There were several there from Missouri. William Zimmerman, Cameron, Mo., being the heaviest buyer. Among other breeders who attended was Arthur Mosse, Leavenworth, Kan. He and his daughter attended a number of the leading sales during the winter and bought top cattle in all of them. In this sale they bought the herd bull, King Aaggie Pontiac Oak, a splendid sire and at the bargain price of \$180.

They also bought one or two females. Ben Schneider, Nortonville, Kan., was there and made a short talk in the opening of the sale. Other buyers were J. E. Baker, Bendena, Kan.; W. G. Talbott, Marysville, Kan.; H. J. Koch, St. Joseph; William Myer and Clarence McCoy, Valley Falls; C. D. Walker, Atchison, and others of Atchison and vicinity. The average price paid was \$123.50 for everything including calves a few weeks old and six grade cows. It was a good sale. Mr. Shay who advertised in the last two issues of the Kansas Farmer and Mail and Breeze before his sale received 76 inquiries as a result of this advertising which indicates pretty clearly that farmers want Holsteins.

Kansas Takes Top Shorthorns

A. C. Shallenbarger of Alma, and Thomas Andrews of Cambridge, Neb., held their 22nd annual Shorthorn sale in the big pavilion at Cambridge, April 6. Many noted breeders were in attendance but the best sales were to former patrons of these good breeders.

A. F. Ballau & Son of Cambridge bought the highest priced female paying \$710 for the Great Maud Marr heifer Maud 86th, a daughter of Gainford Marshall. H. Roberts of Oberlin, Kan., bought the top bull, taking home with him the outstanding good yearling son of Scotch Mist for which he paid \$610. A. E. Pilwaack of Atwood, Kan., made a good purchase in the selection of the nice roan yearling, Sittytton Dale for which he paid \$400.

Haigler Ranch bought several head of strictly tops and A. Benjamin & Co., of Arapahoe, Neb., bought the second highest priced heifer, another daughter of Gainford Marshall, paying \$700. Thirty-three females sold for \$12,260, average \$385. Eleven bulls sold for \$3,185, average \$289.60, general average \$351. The offering was one of the best ever sold by these good Nebraska breeders and should have brought more money. But everything considered the sale was entirely satisfactory.

Jersey Cows Break Kansas Records

Count's Gold Marjoram 409389, starting test when 3 years and 10 months old, produced 11,103 pounds of milk. 543.33 pounds of butterfat. This record makes her the champion senior 3-year-old of Kansas. She is owned by E. W. Mock, Coffeyville, Kan.

The other record is in the junior 4-year-old class. Count's Winsome 428313 becomes the champion on her production of 11,500 pounds of milk, 577.83 pounds of butterfat, starting test at 4 years and 4 months of age. This animal is owned by L. R. Fansler, Independence, Kan.

Shorthorns Sell Below Their Value

The satisfaction that their cattle were going into the hands of farmers who eventually would be benefited more than they realize must be a part of the reward of breeders of good livestock after holding a sale

where prices seem far out of proportion to values. Blank Brothers, Kleen & Lauer, and a few other consignors held their annual Shorthorn sale at Franklin early in April. Prices ranged low but everything considered the firm believes that they have nothing about which to complain. Nearly every animal in the sale was bred on the farms of the consignors and fed only the feeds that were grown on their farms.

The offering was composed almost entirely of very young animals and no cows with calves were sold. Prices ranged all the way from \$57.50 for calves to \$365, this price being paid by Henry Foush of Red Cloud, Neb., for the Scotch heifer, Golden Belle, a daughter of the great breeding bull Golden King. William Versaw of Franklin bought Lot No. 13, another very choice heifer for \$250. The entire offering averaged a trifle below \$125 a head.

Members of the firm expressed themselves as well pleased with the sale and readers of this paper may look forward to a sale one year from now with just as good or a better lot of cattle that will be offered for sale.

Stafford County Duroc Futurity

The annual Stafford County Livestock Show at Stafford, Kan., has become a fixed institution of importance to breeders of that section of the state. The date this year is October 17-20. C. C. Horn, Stafford, Kan., superintendent of the Duroc show states that the National Duroc Jersey futurity prizes this year will be \$100 for fall pigs farrowed on or after September 1, 1921 and \$200 for spring pigs farrowed on or after March 1, 1922. Persons living in that part of the state and having no futurity show in their county are invited to nominate their herds for the Stafford County Duroc show. Good premiums are offered in the open classes and a sale of high class Durocs will be held in connection with the show. If interested write C. C. Horn, Stafford, Kan.

Learning Marketing

Ninety county agents, directors and managers of county livestock shipping associations, representing 25,000 shippers in Kansas and Missouri, attended the third annual short course for livestock shipping association managers, held in Kansas City, Mo., April 4 and 5.

Marketing specialists from the University of Missouri and the Kansas State Agricultural College and from packing house firms spoke at the conference. One of the accomplishments was the inauguration of a uniform system of accounting in the county associations.

Delayed Registration Papers

Delay in receiving registration papers of purebred livestock bought at auction sales is sometimes due to the purchaser's neglect to give his address to the clerk of the sale and consequent difficulty in the clerk or former owner being able to locate the address of purchaser.

Barbecue for the Hays Roundup

Free lunch will be served to the visitors at the annual stockmen's roundup to be held at the Fort Hays Experiment Station Saturday, April 29.

The superintendent has several baby beavers on full feed and the best ones of the lot will be selected for use in making a real beef sandwich for the feast.

Letters from all over the state advise that the writers will attend the round-up. The many inquiries received indicate that the meeting to be held at the station will be one of the largest gatherings of farmers and stockmen to be held in Western Kansas this year.

The first wire suspension bridge in the world, built in 1816, was across the Schuylkill River in Philadelphia Pa. Supported by cables of six 3-inch wires, it had a span of 408 feet and was 18 inches wide. Not more than eight people were permitted to walk on it at one time.

A Farm on Paradise Flats

BY SAUNDERS NORVELL
In America at Work

I have the fondest recollections of Kansas. At first the way the wind blew all the time day and night rather got on my nerves, but after I became accustomed to the wind Kansas was all right. I slept many nights very comfortably in sod houses and I must tell the story of how I acquired a farm on Paradise Flats north of Hay City in the neighborhood of Plainville.

A customer of ours in Plainville was about to fail and he owed us \$800. When I called to collect the amount he told me he had a beautiful farm of 160 acres near the town and if I would take his farm for the account, he would give it to me. It was Hobson's choice, so I took a deed to the farm. Shortly afterward I returned to St. Louis and I told the treasurer of the Company, A. E. Dann, what a good collection I had made. Mr. Dann said: "How much is this farm worth?" I told him "What a beautiful place Paradise Flats was. 'All right,' said he, 'you have some money to your credit here in the house. Will you buy it from me for \$500?' I was stuck so I bought the farm but I never saw it.

A customer of ours at Plainville paid the taxes for me regularly year after year and I permitted some farmer to cut hay on my farm for the taxes. Finally years afterward I sold this farm for \$1,500 and I understand today it is worth \$100 an acre, or \$16,000! Papers in Plainville please copy! I have often thought since that it was too bad that I never saw the only farm I ever owned.

Then at Wakeeney, I made a home-estate entry. I had a friend in a real estate office who showed me how to do it. I drove out near Wakeeney and took a look at these 160 acres. That is all I ever did. Afterward my real estate friend sold my claim. I have forgotten how much it was but I remember at the time I thought it was very easy money.

In those days it was a common thing to see antelope and coyotes in driving on the Western prairies. Every now and then in our travels we would run into a dance. I remember arriving at Lenora one night, when a dance was in full blast at the hotel. No one could sleep on account of the noise so the only thing to do was to dance. The modus operandi of running a dance in those days was to step up to the hotel register, enter your name and plank down \$1. At this time there were about 20 girls and 60 men. For every dance 20 numbers would be called out. Then you stepped into the room, picked out your girl and had your dance. Everything was well systematized and you could dance once out of three times. In the meantime the men not dancing stood around the windows of the hotel, most of them working their hip pockets.

The gentlemen jingled as they walked as they wore chaps and spurs and many of them carried a belt full of cartridges with a Colt's revolver hanging convenient. I remember on this occasion there was a pretty, neat girl who wore a red jersey. Jerseys were then in style. After I danced with her three times in succession I stepped out to join my cowboy friends on the outside and one of them who had not attended the Disarmament Conference walked up to me and remarked: "Look here, stranger, I didn't say nothin' when you danced with my girl twice but I just think that three times is enough and if you dance with her again you and I are going to disagree." I decided I had danced enough. The next morning at breakfast I felt a little tired and when I heard a sweet voice inquiring whether I would have beefsteak or liver I looked up and there was the same girl in the same red jersey—happy days!

Editor's Note—Mr. Norvell formerly was a traveling hardware salesman in Kansas.]

To War With Jim Crow

Every spring farmers revive their old feud with the Jim Crow family, carrying on a desultory battle by means of scarecrows, epithets, and the more effective deterrents of coal tar and poison. Coal tar, which may be obtained at gas plants and some paint shops, is not a poison, but it imparts a disagreeable gassy odor to the seed grain that is distasteful to crows and other pests. It has the advantage, not possessed by some other deterrents on the market, of not affecting the germi-

nation of the corn when used in limited quantities. A tablespoon of it is used to ½ bushel of seed. The grain is first heated by an application of warm water, and then drained. The coal tar is added immediately, and a thoro stirring will give every kernel an even coating. The seed is then spread out to dry or is dried by the addition of sifted ashes, land plaster, or powdered earth.

The best deterrent, however, is strychnine, which may be applied to corn in a paste made up in the proportion of 1 ounce of powdered strychnine, 2 tablespoons of starch, and 1½ pints of water to 20 quarts of corn. The starch and strychnine are put into the water, which is heated to boiling, and stirred well when the starch begins to thicken. This paste is poured on the corn and stirred into it until distributed thoroly. The corn is spread to dry and is then ready to use.

This method is better than the old one of steeping the corn in a strong strychnine solution. Because of their wariness it will not be possible to kill many of the crows, but a little of this poisoned corn scattered over the field of sprouting corn will get a few of them and the rest will take the warning and leave. Using whole corn for bait lessens the danger of poisoning smaller seed-eating birds. Care should be taken not to distribute the poisoned grain near the farm buildings where domestic animals might pick it up.

The Kansas Farmer's Business

(Continued from Page 22)

\$25.50; No. 1 alfalfa, \$22 to \$23.50; No. 2 alfalfa, \$16 to \$19; No. 3 alfalfa, \$13.50 to \$15.50; No. 1 prairie hay, \$12 to \$13.50; No. 2 prairie, \$10 to \$11.50; No. 3 prairie, \$7 to \$9.50; packing hay, \$5.50 to \$6.50; No. 1 timothy, \$16.50 to \$17.50; standard timothy, \$15.50 to \$16; No. 2 timothy, \$13.50 to \$15; No. 3 timothy, \$10.50 to \$13; light mixed clover, \$16.50 to \$17; No. 1 clover \$14 to \$16; No. 2 clover, \$10.50 to \$13; straw, \$8.50 to \$9.

The following quotations are given in Kansas City on seeds: Flaxseed, \$2.11 to \$2.12 a bushel; alfalfa, \$11.50 to \$16 a hundredweight; timothy, \$4.75 to \$5.50; clover, \$16 to \$20; bluegrass, \$30 to \$50; German millet, \$1.10 to \$1.40; Siberian millet, \$1.15 to \$1.25; cane, 70c to \$1.40; Sudan, \$3.50 to \$4.

The following sales of broomcorn are reported at Kansas City: Fancy whisk brush, \$275 a ton; fancy hurl, \$250; choice Standard, \$180 to \$220; medium Standard, \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common Oklahoma Dwarf, \$110 to \$130; common stained Dwarf, \$70 to \$90; badly damaged Dwarf, \$50 to \$70 a ton.

This Lawyer Charges No Fee

The argument was getting rather warm. It was over the form of a lease. Each man was sure he was right.

Seeing there was no chance for an agreement, Bill finally said: "Well, let's leave it to a lawyer."

"That's a go," said Henry. "I've got one in the house; we'll ask him."

The Vest Pocket Lawyer was consulted. It settled the argument right off the bat.

That little book is filled with legal information. Questions of law frequently come up on the farm. Often there is no time to consult an attorney and it is necessary that the point be properly settled.

Pay a 50-cent fee and have all your legal questions answered and gain a knowledge of law besides. On receipt of 50 cents, mailed to the Book Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan., the Vest Pocket Lawyer will become a member of your family, arriving by return mail.—Adv.



Big Hog Sale

Laptad Stock Farm 19th Auction

Wednesday, April 26, 1922

GROWER OF CERTIFIED SEEDS:
"Kanota" Oats all Sold
"Kanred" Wheat in season
Kan. Crop Improvement Association,
Fred G. Laptad, Pres.

PURE SEED CORN
Laptad's 90 day Red, \$2.00
Reid's Yellow Dent, \$1.50
Improved Yellow, \$1.00

60 Head of Polands and Durocs

Boars, gilts and Tried sows. All cholera immune. New and popular blood lines. Send for catalog.

Fred G. Laptad, Lawrence, Kan.

Auctioneers: Rule, Crews, & McCulloch.

SHAWNEE COUNTY DUROC JERSEYS

38 head, 10 boars and 28 gilts. Sale in the sale pavilion, fair grounds.

Topeka, Kansas, Thursday, May 4, 1922

The regular spring sale of the Shawnee County Duroc Jersey Breeders' association. 10 well known breeders consigning:
John Morrison & Son, Tecumseh; Fred Sabin, Topeka; O. H. Doerschlog & Sons, Topeka; H. A. Johnson & Sons, Perry; Ralph Searle, Tecumseh; F. H. Lukert, Topeka; C. C. Witwer, Topeka; J. F. True & Son, Perry; John J. Hadden, Auburn; C. E. Wood, Topeka.

A splendid selection of young boars ready for service and an excellent lot of young gilts old enough to breed. For the catalog address,

O. H. Doerschlog, Sale Manager, Topeka, Kansas

C. M. Crews, Auctioneer.

DUROC JERSEY HOGS

Shepherd Calls a Halt

No bred sows and gilts for sale at this time. Offering fall boars by Shepherd's Orion Sensation and Pathfinder Jr., Good ones. Write us.

G. M. SHEPHERD, LYONS, KANSAS

Royal Herd Farm Durocs

Cracking Sept. boars and gilts by the champion, Victory Sensation. Write or better still come and see them.

B. R. ANDERSON, McPHERSON, KANSAS

Valley Spring Durocs

Sensations, Pathfinder, Orions. Boars all ages. Sows and gilts bred to outstanding boars. Immunized, pedigree furnished, guaranteed breeders. Year's time if desired.

E. J. Bliss, Bloomington, Kan., Osborne Co.

HERD BOAR PROSPECTS

All ages. Priced right. Shipped on approval. By Greatest Sensation, half brother to 1921 Topeka champion, and Waltemeyer's Giant by Mahaska Wonder. Also BRED SOWS AND GILTS.

W. R. HUSTON, AMERICUS, KANSAS

DUROCS

No bred sows or gilts at this time. Twenty fall gilts open. Ten fall boars. Eight spring yearling boars. All good ones.

D. C. ASHER, LAWRENCE, KANSAS

FALL BOARS

Great Wonder's and Orion Cherry King's. Priced right. S. D. SHAW, Williamsburg, Kan.

Duroc Boars \$20.00 to \$25.00

150 to 200 lbs. Well bred good bone and length. Order from this advertisement direct and I will ship you a good pig. J. E. WELLER, HOLTON, KAN.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler Pathfinder and Valley Wonder Sensation. E. C. MUNSELL, RUSSELL, KANSAS.

Wooddell's Fall Boars

Growthy, well bred boars. Priced right. G. B. WOODDELL, WINFIELD, KANSAS

Staad's O. K. Strain of Durocs

Fall boars by Wonder's Giant I Am. Our motto, "Size with Quality." J. F. Staadt & Sons, Ottawa, Kan.

Fall Boars and Gilts By Jack's Great Orion

Booking orders for spring pigs by Orion the Great. Sid Replogle, Cottonwood Falls, Kan.

WEANLING DUROCS FOR SALE

By Major Sensation Col., Grand Master and other good sires. At prices any farmer can afford to pay. Overstake Bros., Atlanta, Kansas

No Gloom on Kansas Farms

(Continued from Page 20)

put in and very few gardens made. Feed is getting scarce but grain will come soon if it stays warm. Fruit trees are blooming and indications are excellent for a good fruit crop. A county wide campaign is being put on to poison gophers, the county furnishing the poison.—J. R. Henry, April 15.

Osborne—Since the last report the weather has been more favorable for spring work. We have had several showers but no soaking rains yet. Some wheat looks fairly good while some looks poor. A great deal of wheat ground is being put to barley and oats.—W. F. Arnold, April 16.

Prowers—Two big snows and a rain in March leaves the ground in excellent condi-

DUROC JERSEY HOGS

Weanling Durocs—Uneeda High Orion Breeding 15 dollars, reg. Charles Frank, Copeland, Kan.

SEPT. BOARS BY GREAT PATHFINDER, 1920 Kansas grand champion, and Long Pathfinder by Pathfinder Chief 2nd. Out of good dams. Priced reasonably. E. G. Hoover, Wichita, Kan.

EARLY FALL BOARS, IMMUNED Orion, Pathfinder, Col. breeding. Priced right. L. A. Poe, Hunnewell, Kansas.

ANGUS CATTLE

CHOICE ANGUS BULLS

For Sale. One 3-year-old and one yearling. These bulls are of the best breeding. Choice individuals, and are good enough to head any herd. At the prices asked anyone wanting a good Angus bull can afford to use them. Write for prices, breeding and description to GEO. M. McADAM, R. S. HOLTON, KAN.



ANGUS BULLS

18 from 12 to 18 months old. 12 that are from six to 10 months old. Real herd headers. J. D. MARTIN & SONS, Lawrence, Kan.

SHORTHORN CATTLE

Four Real Shorthorn Bulls

thirteen months old, two roans, two whites by Missie's Standard, 2100 lb. bull by Missie's Last. Priced to sell.

J. P. SPRINGER, GARRISON, KANSAS

Shorthorn Bulls

Reds, whites and roans. Scotch and Scotch topped. Write your needs and come and see us. C. W. TAYLOR, ABILENE, KANSAS Dickinson County

SHORTHORN BULLS

Ready for service. Best of breeding. Can spare a few females. Come, phone or write. Prices right. W. P. HAMILTON, BELLE PLAINE, KAN.

A REAL HERD BULL PROSPECT Roan, sired by Gloster Cumberland 399387 by Cumberland's Best by Cumberland's Last, dam by Dale's Challenger by Double Dale. Other good ones too. L. E. Wooderson, Route 6, Caldwell, Kansas

POLLED SHORTHORN CATTLE

POLLED SHORTHORN BULLS

We have for sale bulls 10 to 12 months old, sired by the great show bull, Meadow Sultan. Shipping stations, Phillipsburg or Stockton. T. S. SHAW, GLADE, KANSAS

One Polled Shorthorn Bull For Sale

10 mo. old. Some Duroc gilts bred, also some weanling pigs. Pedigrees furnished. Robt. Dowlin, Barnard, Kan.

Roan Polled Shorthorn, 15 Mos. Old Good individual. Grover Easter, Abilene, Kan.

POLLED SHORTHORNS

Both bulls and females for sale at prices according to times. C. M. HOWARD & SONS, HAMMOND, KAN.

GLENROSE LAD 506412

the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address R. M. Anderson, Beloit, Kansas.

Holstein-Friesian Ass'n of Kansas

Has a membership of 500 breeders who own over 7,000 purebred Holsteins. June 8-9-10—National Association Sale, Convention Hall, Kansas City, Mo. Walter Smith, Pres., Topeka. W. H. Mott, Sec'y-Treas., Herington, Kan. This section is reserved for members of this association. For rates and other information address, Copper Farm Press, Topeka, Kansas.

WAKARUSA FARM HOLSTEINS
Nicely marked registered Holstein bull calves, some from A. R. O. dams. Price \$35 to \$50. Also three bulls ready for service. Write for description and photo. Reynolds & Sons, Box 52, Lawrence, Kan.

Corydale Farm Herd Holsteins
Bulls and cows for service, from A. R. O. dams at hard time prices. Write for information. L. F. CORY & SON, BELLEVILLE, KAN.

BULLS Sired
by Sir Lady Gilda, his dam 3 times 32 lb. dam and from good dams. J. P. MAST, SCRANTON, KANSAS

FOR SALE VERY REASONABLE
12 cows, 5 two yr. old heifers, 4 yearling heifers, 4 heifer calves 1 to 6 months old. Herd bull, nearest two dams milk 23,000 lbs. Butter 1040 lbs. Other bulls ready for service. E. E. STUEWE, Alma, Kan.

BRAEBURN HOLSTEINS
Service bulls are 'out.' If you want to save money, buy a calf that won't cost much to move, and raise him yourself. From six months down. H. B. COWLES, 608 Kansas Ave., TOPEKA, KAN.

30 POUND HERD BULL
For sale. Dam 30.52 lb. seven days. State record when made. Sire's dam 31.16 lbs., weighs over 2,000 lbs. 4 yrs. old, one-half white. Price \$150.00. V. E. CARLSON, FORMOSO, KANSAS.

GUERNSEY CATTLE
SEE MY GUERNSEY HERD AT RENO CO. Dairy Show, Hutchinson, Kan., May 4-5. Geo. Newlin, Hutchinson, Kan.

POLLED HEREFORD CATTLE
20 Reg. Polled Hereford Bulls
and 20 one and two-year-old heifers for sale. If you need a herd bull don't fail to see this herd. R. H. LANGHOFER, HERINGTON, KAN.

HEREFORD CATTLE

150 BULLS
Western Kansas
Reg. Herefords
At Auction Stock Yards
Denver, Colo.,
Thursday, May 11

Your name for the big sale catalog should be sent at once to C. G. Cochran & Sons of Hays, Kan., who have selected these bulls from the production of their great herd.

These bulls are the get of 7 of the best herd bulls of the West. The dams are a wonderful lot of Kansas raised breeding cows.

C. G. Cochran & Sons,
Hays, Kansas

Western Kansas Bulls

100 Hereford bulls, yearlings and two years old.
50 Shorthorn bulls, same ages. Part of them at Fort Collins, Colo., and the rest at the home ranch Hays, Kan. Write at once for descriptions and prices. C. G. COCHRAN & SONS, HAYS, KAN.

CLOVERDALE HEREFORDS
Choice young bulls ready for service. At farmers' prices. W. M. Atwell, Burlington, Kan.

Kansas Hereford Breeders' Sale

This is the annual spring sale at the college. 41 head, 34 females, seven bulls. Sale in the livestock judging pavilion.

Manhattan, Kan., Monday, May 8

This is an offering of real Herefords, selections from the herds of these 10 Kansas breeders: E. S. Jones, Emporia; J. M. Rodgers, Beloit; Emery Johnson, Emmett; W. M. Waldo, Ames; L. J. Blythe, White City; E. L. Washington, Manhattan; J. R. Goodman, White City; Dan D. Casement, Manhattan; Kinus Bros., Bendena; John Poole, Manhattan.
The offering is practically all by sons of Bright Stanway, Caldo 2nd, Young Beau Gomez, Letham Fairfax, Dainty Julius, Imported Farmer and one or two others. The sale catalog is ready to mail. For your copy address,

B. M. Anderson, Sale Mgr., Manhattan, Kansas

Auctioneers: P. M. Gross and L. R. Brady.

SOME CHOICE BRED HEIFERS
Bred to our junior sire, a son of King Segis Pontiac Count. Bull calves from this sire at attractive prices. Ask for photos and breeding. W. H. MOTT, HERINGTON, KANSAS

BULLS ALL SOLD
Nothing to offer at present, but watch this space. We're still in business at the same old place. T. M. EWING, INDEPENDENCE, KANSAS

YOUNG BULL
nearly ready for service by a 30 pound sire and out of a 20 pound two year old dam. A bargain if you write soon for photo and price. W. E. ZOLL, RT. 2, LEAVENWORTH, KANSAS

KING PONTIAC MUTUAL SEGIS
Bulls, calves to long yearlings. Priced right. Raised everything offered for sale. Tuberculin tested herd. Herd sire, King Pontiac Mutual Segis by the great King Segis Pontiac. Cleland & Williams, Hildville, Kan.

SONS AND GRANDSON
of Vanderkamp Segis Pontiac for sale. Vanderkamp Segis Pontiac is Kansas' leading sire of production. Buy bulls priced right from an accredited herd. COLLINS FARM COMPANY, Sabetha, Kan.

YOUR NEIGHBOR BREEDER
If he breeds Holsteins he needs the association's help. See to it he joins. Send his name and check for \$5 to SECRETARY W. H. MOTT, HERINGTON, KAN.

HOLSTEIN CATTLE

Columbine Segis Ormsby Fobes
Born Aug. 7, 1921. Almost white; sire, the grand champion, Sir Pieterie Ormsby Fobes. Dam, Columbine Segis Pontiac, butter at 2 yr. 1 mo. 15.31 lbs., butter, 365 days, 519.16 lbs. Price \$125. Chas. C. Wilson, Mgr., Turkey Creek Farm, Colorado Spgs, Colo.

HOLSTEIN & GUERNSEY CALVES, 7 weeks old, 31-32nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$35. Edgewood Farms, Whitewater, Wis.

TWO HOLSTEIN SERVICE BULLS
Sires dam 38.93. Dam 26 and 21 lbs. butter. G. Regier & Sons, Whitewater, Kansas

JERSEY CATTLE

Echo Farm Jerseys
Federal accredited herd. A son of Mory from Sibby's Choice \$35 fat A. A. heads our herd. Some choice bulls for sale, serviceable ages, out of R. M. cows. E. H. TAYLOR & SON, KEATS, KANSAS

HILLCROFT FARMS JERSEYS
Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs. M. L. GOLLADAY, PROP., HOLDEN, MO.

High Class Registered Jersey Cows
Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited. R. A. GILLILAND, DENISON, KANSAS

Cheaper to Buy Your Herd Sire Young
4 wks. son of Bosnian's Golden boy. Dam averaging 42 lbs. milk per day. W. R. LINTON, DENISON, KANSAS

Scantlin Jersey Farm, Savonburg, Ks.
Financial Kings, Raleigh and Noble of Oakland breeding.

FEDERAL ACCREDITED JERSEY BULLS
Serviceable age. R. M. dams, prize winning sires. A. H. Kneoppel, Colony, Kansas.

BULLS OUT OF REGISTER OF MERIT
dams, for sale. Herd Federal accredited. Sylvia Jersey Ranch, Sylvia, Kansas

REGISTERED JERSEY BULLS
February to two-year-olds. Priced to sell. O. W. Fishburn, Haven, Kansas

RED POLLED CATTLE

Fort Larned Ranch
12 coming two Red Polled Bulls which must be sold immediately. Write for prices. E. E. FRIZELL & SONS, Frizell, Kan.

Choice Red Polled Bulls and Females
All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

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

FOSTER'S RED POLLED CATTLE
A few choice young bulls. C. E. Foster, Route 4, Eldorado, Kan.

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

When writing advertisers mention this paper

tion. A considerable amount of spring wheat and barley are being put in where the ground is dry. We are having warm weather and grass is starting. The farm sale season is over. Wheat is worth \$1.15; cream, 28c; corn, 90c and eggs are 16c.—Kathryn Cline, Frowers County, Colorado, April 17.

Rawlins—We had a rain April 3 and an 8-inch snow April 4. Nearly 2 inches of water fell and the ground is soaked thoroughly. Wheat, barley and grass, and gardens which have been planted, are doing nicely.—A. Madsen, April 16.

Rawlins—We have had no rain since March 18 and the ground is getting very dry. The wheat in central part of county looks good but in the northwest and southwest part it doesn't show up very well. A considerable amount of oats has been sown this spring. No public sales are being held, and everything seems to be at a standstill.—J. S. Skolout, April 15.

Riley—Continued rains have kept the farmers out of the fields for two weeks. Only a small acreage of oats has been sown. Wheat fields are green and stooling out. Young pigs are not doing very well and there are many losses. Alfalfa and pastures are becoming green. Roads are very muddy and traffic is very slow. Business is picking up but farmers are rather slow in buying. Eggs are worth 19c and butter is 20c; wheat, \$1.18; corn, 50c.—P. O. Hawkinson, April 16.

Roos—We have had some rain but not enough to soak up the sub-soil. The condition of wheat for this time of year runs from 30 per cent to 50 per cent. Wheat is worth \$1; corn, 50c; bran, \$1.20; butterfat, 21c and eggs are 20c; shorts, \$1.40; oats, 45c.—C. Thomas, April 17.

Rush—We have had a few frosty nights and slight damage has been done. Alfalfa has made a good growth during the recent rains which have brought everything up. In some localities wheat looks rather discouraging. Some fields which are bare have been seeded to oats and barley. Pastures are getting green and in a few weeks will be good for grazing. Farmers are doing spring work. Wheat is worth \$1.23; butterfat, 28c and eggs are 18c.—A. E. Grunwald, April 16.

Sherman—Grass is getting a good start. Wheat on sod is 100 per cent but most of that on plowed ground and ground which has no obstructions, and which did not catch the snow the middle of March, is very spindling and thin, and won't stool or outgrow its weakened condition without more moisture all thru April. Weeds are up and are thrifty enough. Some barley was sown before the snow and is up and looks excellent. A large acreage of barley has been sown. Some farmers are putting barley in their thin wheat stands and we believe there is moisture enough to germinate it. Stock is being fed yet but feed is scarce.—J. B. Moore, April 15.

Stafford—Rainy weather still continues. Some wheat looks excellent while some is very poor. There will not be as much wheat sown this year as usual. Alfalfa is making a good growth. Fruit conditions at present are favorable. Wheat is worth \$1.25; corn, 50c.—H. Kachelman, April 16.

Wichita—This county was visited with a fierce blizzard April 10, causing a large loss of livestock. Farmers are preparing to sow corn and are sowing barley. A few public sales have been held and stock is bringing good prices. Old machinery sells for almost as much as new. Seed potatoes are \$2 per bushel, barley is worth 35c; corn 50c.—E. W. White, April 13.

Public Sales of Livestock

Shorthorn Cattle
Apr. 25—Coffee Co. Shorthorn Cattle Breeders' Ass'n, Burlington, Kan. C. H. White, Mgr., Burlington, Kan.

Apr. 27—H. W. Estes, Sitka, Kan.
May 3—Hubert Harshberger, Humboldt, Neb.
May 10—Northwest Kansas Shorthorn breeders' association at Concordia, Kan. E. A. Cory sale manager, Concordia, Kan.
May 11—H. C. Lookabaugh, Watonga, Okla.
May 16—T. A. Ballantyne, Herington, Kan.
May 17—Park E. Salter, Wichita, Kan.
May 18—Atchison county breeders at the K. G. Gistad farm, Lancaster, Kan. Harry Gistad, Lancaster, and A. W. Sholz, Huron, Kan., sale mgrs.

Holstein Cattle
June 8-9-10—National Holstein-Friesian Assn. sale, Convention Hall, Kansas City, Mo. W. H. Mott, Sale Mgr., Herington, Kan.

Hereford Cattle
April 25—Northern Kansas Hereford Breeders' association, Blue Rapids, Kan. J. A. Howell, Marietta, Kan., sale manager.
May 4—Johnson County Hereford Breeders' Association, R. L. Whittitt, Holden, Mo., Sec'y.

May 8—Consignment sale, livestock judging pavilion, Agricultural college, Manhattan, Kan. B. M. Anderson, sale manager, Manhattan, Kan.
May 11—C. G. Cochran & Sons, Hays, Kan. Sale at Stock yards, Denver, Colo.

Polled Shorthorn Cattle
May 2—J. C. Banbury & Sons, Pratt, Kan.

Poland China Hogs
Apr. 26—Fred Luptad, Lawrence, Kan.
May 4—Joe Tucker, 140 S. Belmont Ave., Wichita, Kan.

Duroc Jersey Hogs
Apr. 26—Fred Luptad, Lawrence, Kan.
May 4—Shawnee County Duroc Jersey Breeders' association. Sale at fair grounds, O. H. Doerschlag, Topeka, Sale Mgr.
May 31—L. A. Ego, Hunnswell, Kan.
Aug. 25—W. T. McBride, Parker, Kan.
Oct. 21—Homer T. Rule, Ottawa, Kan.
Oct. 28—H. W. Flook & Son, Stanley, Kan.

Field Notes

BY J. W. JOHNSON

E. H. Taylor & Son, Keats, Kan., Riley county, are breeders of Jersey cattle who start their advertisement again in the Mail and Breeze with this issue. Look it up and write them if you need a bull. Their herd is federal accredited and one of the good herds.—Advertisement.

Atchison County Shorthorn Breeders' Sale
There are 10 Atchison county Shorthorn breeders consigning to the big Atchison county Shorthorn sale to be held on K. G. Gistad's farm one mile north of Lancaster, Thursday, May 18, and 41 selections from the 10 herds will be sold in this first Atchison county breeders sale. The sale will be advertised soon in the Mail and Breeze but you can ask either of the sales managers for the catalog at once. Address either A. W.

Scholz, Huron, Kan., or Harry Gistad, Lancaster, Kan., for your copy of the sale catalog right away and you will get it as soon as they are off the press which will be very soon. Watch for the sale advertisement in the Mail and Breeze soon.—Advertisement.

Geo. M. McAdam's Angus Herd
Geo. M. McAdam of Holton, Kan., is advertising two Angus bulls for sale. One of these bulls is three years old and the other a yearling. They are of best breeding and are good enough to head any herd. Mr. McAdam is making prices on them that place them within reach of anyone wanting a good Angus bull.—Advertisement.

J. R. Huston's Poland China Sale
J. R. Huston, Gem, Kan., sells mammoth Poland China bred sows in the livestock sale pavilion, Colby, Kan., Thomas county, Tuesday, May 2. He is selling a choice lot of bred sows and you should write for the catalog at once. You will get it by return mail. Address, J. R. Huston, Gem, Kan., for the catalog but the sale is Tuesday, May 2, at Colby, Kan.—Advertisement.

Ballantyne's Shorthorn Dispersion Sale
The dispersion of Abbotsford herd of Shorthorns, 45 of them, T. A. Ballantyne's well known herd, Herington, Kan., May 16, will be advertised soon in the Mail and Breeze. If you know about Shorthorn affairs in Kansas for the last thirty years you know about Abbotsford Shorthorns and T. A. Ballantyne & Sons. Well this is the herd, stronger and better in every way than it has ever been during the past 30 years. But it is going to be sold, every animal with reservation at the Ballantyne farm one mile south and a half east of Herington on the above date. Look for the display advertisement soon in the Mail and Breeze but you just as well write him for the catalog today.—Advertisement.

Shawnee County Duroc Breeders Sale

The Shawnee County Duroc Jersey Breeders' association is holding its annual spring sale of last summer and fall boars and gilts at the fair grounds in Topeka, Thursday, May 4. There will be about 10 very choice young boars ready for service and 28 selected gilts. The offering is made up of selections from 10 herds and each consignor has selected his best for this sale. It is going to be a good place to buy your boar or a few gilts to breed for fall farrow. The blood lines represented in the sale are of popular sires and dams such as Pathfinder, the Orions, Sensations and other noted families. O. H. Doerschlag, Topeka, Kan., is sale manager. He will be glad to send you the sale catalog upon request and you better write him at once for it. The sale will be held in the big modern sale pavilion at the fair grounds rain or shine. Ask for the catalog today.—Advertisement.

Shorthorn Breeders Meeting and Banquet

R. B. Donham, Talmo, Kan., secretary-treasurer of the Northwest Kansas Shorthorn Breeders' association, has suggested that every member should attend the annual banquet and that he should bring his wife with him or a written excuse for not doing so. The banquet which is arranged by the business men of Concordia is held in the banquet room of one of the fine Concordia churches and is always a delightful affair. If you let your wife miss this enjoyable affair this time you will have to account to "Bob" Donham sale day and he is a sure enough six footer. But seriously why not make this the best get together meeting the association ever held. Come to the banquet and bring your wife and urge any Shorthorn breeder, whether he is starting or whether he is a member and hesitating about coming to be at this big meeting and sale. The sale is advertised in this issue of the Mail and Breeze.—Advertisement.

C. G. Cochran & Sons' Hereford Sale

C. G. Cochran & Sons, Hays, Kan., sell 150 big, rugged western Kansas grown Hereford bulls ranging in ages from 18 months old up to two years, at the stock yards, Denver, Colo., May 11. There are several hundred head of Hereford cows in the C. G. Cochran herd of Herefords in Hays and Trego counties and every one of them were bred and developed on this ranch. The six or seven sires of these 150 bulls are among the choice breeding bulls to be found in the west. A fortune is invested in the Cochran herd bulls. The announcement of the sale will be found in the advertising section of the Mail and Breeze this week but the main advertising starts next week. Kansas and Colorado Hereford breeders and Hereford farmers are invited to send their names at once to C. G. Cochran & Sons, Hays, Kan., for the catalog. You are urged to do this at once. Watch for the advertising next week.—Advertisement.

Hereford Sale at Manhattan

Ten Kansas Hereford breeders are consigning to the spring sale at the agricultural college, Manhattan, Kan., May 8. I believe there is a general feeling among Hereford breeders all over Kansas that these annual spring sales at the college should be encouraged and that this sale in particular should be the starting place for more interest in the Hereford sales every spring at the college. B. M. Anderson, who is now connected with the animal husbandry department at the college, is managing this sale and has worked hard to secure a good offering and 10 Kansas breeders have consigned 41 head to the sale. Thirty-four are females and there are seven young bulls, all of serviceable ages that are worthy the consideration of anyone looking for a good bull. Twenty are open heifers.

LIKES KANSAS FARMER AND MAIL AND BREEZE SERVICE

"My spring pigs are coming along fine, only lost 3 or 4 in the storm. I think they are making a good start for a fall sale and I sure want you and the Mail and Breeze to help me tell them about it. Again thanking you for your untiring efforts to make my sale a good one, also thank the Mail and Breeze for its wonderful service, I beg to remain."—M. I. Brower, Sedgwick, Kan., Breeder of Duroc Hogs. March 3, 1922.

ready to breed to your own herd bull. Others are young cows, some with calves at foot and others bred. It is an offering of good honest, useful cattle that is sure to sell within the reach of all. Breeders looking for good cows and heifers and beginners looking for good foundation cattle at reasonable prices and the man that wants a good bull are all invited to write for the sale catalog and to attend the sale. It is a Kansas sale for Kansas breeders, beginners and farmers. Mr. Anderson is working for the seller and the buyer alike in this sale and will welcome any letters from those who are interested and such letters will receive prompt answers. Write to him at once for information and for the sale catalog. Address B. M. Anderson, Sale Manager, Manhattan, Kan.—Advertisement.

Northwest Kansas Shorthorn Breeders' Sale

The Northwest Kansas Shorthorn Breeders' association sale is advertised in this issue of the Mail and Breeze. It will be held at Concordia, Kan., Wednesday, May 10. E. A. Cory, Talmo, Kan., the association sale manager, says it is the best offering ever made by the association and you know they have made two sales each year, the annual fall sale and the annual spring sale ever since the association was organized. Fifty head will be sold and are now cataloged and the catalog is ready to mail to those who write for it. The offering is not a large one, only 50 head, 25 bulls and 25 females, but it is a strong one in individual merit and in choice Scotch families that are represented. It is a pretty sure thing that when Sale Manager Cory selects cattle from 21 herds to make up an offering of 50 head that he is after good cattle. These association sales are good places to buy cattle. The consignor likes to consign something good that will reflect credit on his herd and when 21 breeders are of this notion you can expect 50 good cattle in this sale. The banquet the evening before the sale will be held in one of Concordia's beautiful churches and it is desired that as many ladies attend this banquet as possible. Secretary Donham has issued a "call" to every breeder to bring his wife to this banquet. If you want reservations made for you and your wife write to Sale Manager Cory and he will attend to it for you. There will be good speaking and other entertainment. The annual meeting will be held the morning of the sale. This is the place to buy your herd bull or some choice females and it is for your annual meeting and the banquet is for your entertainment. The sale is advertised in this issue of the Mail and Breeze.—Advertisement.

BY J. T. HUNTER

Geo. Newlin, Hutchinson, Kan., has one of the best Guernsey herds in Kansas. He is sold down about as closely as he cares to sell. Might sell a few more tho. He will have his herd at the Reno county dairy show, Hutchinson, Kan., May 4 and 5. Look his herd over and make arrangements for later purchases from his good herd. Tell him you saw this announcement in Mail and Breeze.—Advertisement.

G. B. Wooddell's Durocs

G. B. Wooddell, Winfield, Kan., starts a card in this issue of Kansas Farmer and Mail and Breeze advertising fall Duroc boars. Some are sired by Chief's Surprise and I Am Great Wonder, out of Great Orion 3d and Kansas Queen dams. The Wooddell herd is one of the best Kansas herds. It will pay to investigate this herd. Mention Kansas Farmer and Mail and Breeze when writing.—Advertisement.

Last Call Rule & Woodlief Duroc Sale

Rule & Woodlief, Ottawa, Kan., sell 58 registered Durocs at Ottawa, Kan., Saturday, April 22. This is the last Duroc sale of the season. Inclement weather at early farrowing time reduced the pig crop. Duroc breeders are slow about turning loose of their hogs at this time. See issues of April 8 and 15 for display advertisements. Attend the sale and buy some good Durocs.—Advertisement.

Wooderson's Shorthorn Bulls

L. E. Wooderson, Caldwell, Kan., is offering for sale a number of good Scotch Shorthorn bulls of serviceable age. Among them are two especially commendable bulls by Gloster Cumberland; one of which is out of a Dale's Challenger dam and the other is out of a Cruickshank Braworth dam. These bulls are real herd header types. When writing Mr. Wooderson, please mention Kansas Farmer and Mail and Breeze.—Advertisement.

A Southwestern Kansas Shorthorn Sale

See last two preceding issues of Kansas Farmer and Mail and Breeze for advertisements of the H. W. Estes Shorthorn sale at Sitka, Kan., Thursday, April 27. At that time Mr. Estes sells 20 bulls and 35 cows and heifers. Some of the offering will be Scotch, a number of which are Scotch bulls that will make good herd headers. A number of the cows are of milking strains and proven good milkers. Attend this sale.—Advertisement.

BY JESSE R. JOHNSON

Foundation Shorthorns Being Dispersed

The Ruben Harshbarger Shorthorn dispersion at Humboldt, Neb., May 3, should attract the best buyers from several states. Mr. Harshbarger has been building this herd for a good many years and has spent large sums of money in getting together some of the best blood and greatest individuals of the breed. This is an absolute dispersion and the sale will be full of real attractions, for instance the herd bull, Village Choice, one of the best sons of Village Supreme and out of a cow by Choice of All a son of Choice Goods. The dam of Village Supreme is a wonderful cow and still in her prime also sells as does one of her daughters (a full sister to Village Choice). Another attraction will be the \$2,000 cow, Parkdale Augusta 7th. She sells well along in calf to Village Choice. Village Baron, a young bull good enough to head any herd, is a son of this cow and Village Choice. Many of the greatest families are represented such as Golden Chains, Broadhooks, Butterfly's, Rosewood's, etc. Nine young bulls in age from 12 to 18 months and all by Village Choice go in the sale. Eighteen cows with calves at foot by Village Choice and nearly all bred again to him or his best son, Village Marquis, whose dam was a daughter of Avondale. The 12 heifers are all but one daughters of Village Choice, half of them are bred and half sell open. The cows are mostly daughters of Village Choice, Supreme Certificate, Collyne Goods and Sir Charming 10th. Write today for catalog and mention this paper.—Advertisement.

Scotch Shorthorn Cattle Dispersion Humboldt, Neb., Wednesday, May 3

10 bulls including the herd bulls, VILLAGE CHOICE and VILLAGE MARQUIS.

18 choice young cows with calves at foot and bred back to the herd bulls.

Among the attractions is PARKDALE AUGUSTA, selling heavy in calf to Village Choice, a daughter of The Choice of All. This cow is the dam of Village Choice. A full sister to this great bull is also included.

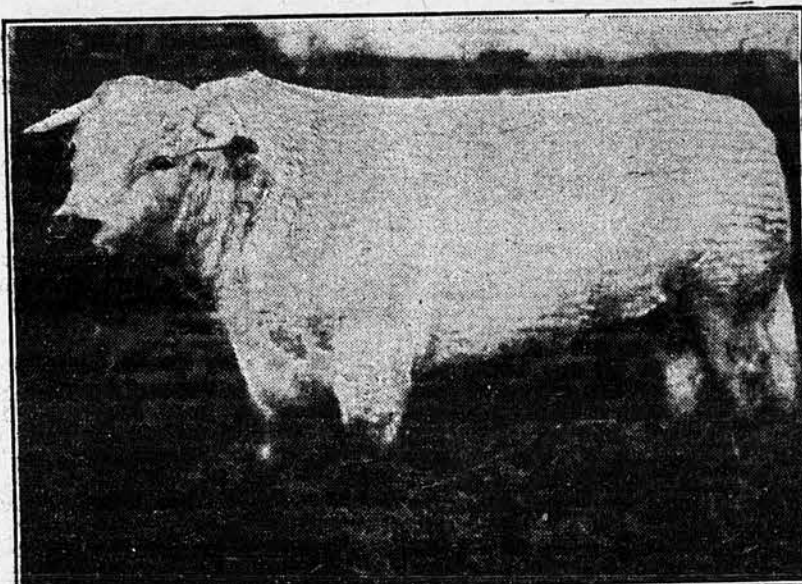
6 bred heifers and 6 open heifers, sired by VILLAGE CHOICE.

The cows are mostly daughters and granddaughters of former herd bulls, Collyne Goods, Supreme Certificate, Sir Charming 10th; all bulls of great merit. Everything in the sale is of the best Scotch breeding. Foundation stock has been secured from the best herds in America.

Henry H. Kuper is consigning 4 young bulls all straight Scotch breeding. Write at once for catalog and mention Kansas Farmer and Mail & Breeze.

Reuben Harshbarger Humboldt, Nebr.

Aucts.: N. G. Kraschel, Herman Ernst.
Jesse R. Johnson, Fieldman for Capital Farm Press.



Village Choice 753794 included in the sale and sire of most of the bulls and heifers in the sale.

N. W. Kansas Shorthorn Breeders

The 1922 spring round up. An unusual offering selected from 21 herds. Sale at the usual place.

Concordia, Kan., Wednesday, May 10, 1922

50 HEAD—25 BULLS, 25 FEMALES

The 25 Scotch bulls cataloged for this sale are as good as have been or will be sold at auction in some time. The 25 females, some with calves, others open heifers but all choice animals, all with Scotch or close up Scotch topped pedigrees.

These 21 breeders are the consignors: J. M. Nielson, Marysville; A. A. Tennyson, Lamar; Joe Stroh, Cawker City; S. B. Young, Osborne; B. M. Lyne, Oak Hill; Meall Bros., Cawker City; R. Hanson, Concordia; C. P. Moore, Munden; H. A. Johnson, Osborne; Moose Bros., Delphos; A. Henderson & Son, Hollis; E. A. Cory & Sons, Talmo; E. A. Ostland, Clyde; C. A. Sulanka, Concordia; F. J. Colwell, Glasco; John Stroh, Cawker City; Will Kasl, Concordia; S. A. Hill, Smith Center; A. W. Segerhammar & Sons, Jamestown; W. T. Hammond, Portis; E. A. Campbell, Wayne; Clarence Borger, Cawker City.

Banquet the evening before the sale. All are invited that are interested in Shorthorns. Annual meeting, 9 o'clock, morning of the sale. Sale catalogs are now ready. For your copy address

E. A. Cory, Sale Manager, Talmo, Kansas

Auctioneers: Jas. T. McCulloch, G. B. VanLandingham, Will Myers, Dan Perkins.
J. W. Johnson, Fieldman Mail and Breeze.

Officers of the Association: T. M. Willson, Lebanon, Kan., President; R. B. Donham, Talmo, Kan., Sec'y-Treas.

Banbury & Sons' Polled Shorthorns Pratt, Kan., Tuesday, May 2, 1922

A great offering from one of the best Polled Shorthorn herds of the country. The Banbury herd of over 200 head provides this select offering of 40 Polled Shorthorns as follows: 10 bulls that are real herd bulls. The herd header kind. 15 bred cows and heifers, some with calves at foot and including many of the best of the herd. 9 yearling heifers. A choice lot. 6 heifer calves. Good enough to go into any herd. Most of the offering bred to or sired by the 4 herd sires that have made the Banbury herd what it is—a herd unsurpassed in the west.

HERD Sires—Roan Orange, in breeding condition weighed 2400 pounds. Sultan's Pride by True Sultan, the undefeated grand champion. Sultan's Pride won junior championship in three states. Grand Sultan, a great grandson of Whitehall Sultan, has 5 Cruickshanks on each side of his pedigree. Scottish Orange by Roan Orange is an exceptionally good breeder and show bull.

These Polled Shorthorns are pure Shorthorns bred hornless. Certificates of the two associations with transfers are furnished buyers. This herd has recently passed a clean health test.

Sale under cover at farm 8 miles southeast of Pratt, Kan. Trains met at Pratt, Kan., and Sawyer, Kan. Write for catalog, mentioning Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter, care of

J. C. Banbury & Sons, Pratt, Kansas

Boyd Newcom, Auctioneer

J. T. Hunter, Fieldman.



Money Made in Dairying

Keeping Separator Clean Improves Cream Quality

BY J. H. FRANDSEN

NOT long ago I asked a prominent creameryman what, in his opinion, is the most frequent cause of bad cream, and without a moment's hesitation he replied: "Failure to wash the farm separator is the cause of more cream spoiling than any other one factor." Practically no one would think of eating dinner out of the same dishes that were used for breakfast before having had them washed carefully, and yet, in spite of all that has been said on this subject, there is still a considerable percentage of separators that are not being washed after each usage. If one would stop to consider the serious effects of forcing the fresh, warm milk thru a separator bowl that contains the dirt, slime and bacteria by the millions from a previous separation, it would not be difficult to understand just why such cream quickly sours and develops undesirable odors of various kinds. The separator should of course be washed every time it is used. All of the parts should be first rinsed in cold water, then thoroly washed in warm water containing some good washing powder, and then should be immersed in boiling water. This insures thoro cleaning, sterilization and drying, so that no bacteria or bad odors will be imparted to milk and cream the next time the separator is used.

Bowl Needs Careful Attention

Cleanliness of the bowl, however is fully as necessary from an efficiency point of view, for the bowl will not run smoothly or work properly if the slime collecting around the disks is permitted to remain in it from one time to another. Frequently this sediment collects on one side of the bowl in sufficiently large quantities to throw the bowl out of balance. Contrary to the opinion of some, flushing of the bowl does not satisfactorily remove sediment that has accumulated. The best way to do this is to separate the bowl parts and thoroly cleanse all of them. Cleanliness in this matter always results not only in a much better quality of cream, but in more efficient skimming. If the unwashed separator is standing in a place where it is likely to freeze, there is danger of the milk and water left in the machine freezing enough to expand, dent or bend some of the parts in a manner quite likely to throw it out of balance.

Proper Adjustment Essential

It must be remembered that cream is an important food product and that all parts of the separator and the room where the separator is kept should be as clean and neat as one would expect to find a kitchen where other foods are prepared. The best place to keep the cream separator is the milk house, or other good, clean place where there are no bad odors to affect the milk or cream. The separator must be carefully set so that it is level and firmly fastened. Whenever this is not done, the machine will not work efficiently and there will be more or less loss of butterfat in the skim milk.

The separator should be oiled as often as used, and whenever the bowl bearings become gummed they should be flushed with kerosene to remove all gummy, sticky material. Of course one must be very careful to see that no oil or kerosene gets into the bowl or in contact with the milk or cream. The machine should always be run according to the directions sent out by the manufacturer. This applies to speed, method of oiling and suggestions for cleaning. A cream separator is one of the most delicate machines in use on the farm, and should be handled accordingly. Emphasis cannot be laid too strongly on the matter of care given the separator, for if this is neglected, we will fail to produce clean, sweet-flavored cream—the first essential in the making of good butter.

Kansas Jersey Produces

Count's Gold Marjoram 409389, a junior 3 year old Jersey owned by E. W. Mock at Coffeyville, Kan., has completed a milk and fat record which places her second in the state for her

age. She produced 11,103 pounds of milk containing 543.33 pounds of butterfat in class A, carrying a calf 247 days during the year.

This is second silver medal daughter of the bull La Veta's Count, his first being La Veta's Financial Countess who holds the state record for yearlings with 11,149 pounds of milk, 532.23 pounds of butterfat. Other daughters of this bull have proved to be good producers, and promise to make him the first Silver Medal Jersey bull in Kansas.

College Guernsey Breaks State Record

The high state record for the Guernsey breed has been broken by Imp. Pallas 65709, a mature Guernsey cow owned by the Kansas State Agricultural College at Manhattan. Pallas produced 13,240.4 pounds of milk con-

taining 624.75 pounds of butterfat. This displaces the record formerly held by the senior 3 year old Guernsey, Imp. Daisy of the Hall 35212, owned by C. F. Holmes at Overland Park, Kan., where she made 11,366.4 pounds of milk and 581.18 pounds of butterfat.

Imp. Pallas is one of six Guernsey heifers imported from England in 1916, and purchased by the Kansas State Agricultural College from F. S. Peer at Cranford, N. J. The oldest daughter of Pallas is also on yearly test, making a creditable record for her age.

Linndale Farm Wins National Honors

The French cup has been awarded by the Ayrshire Breeders Association to Rob's Buttercup F. 32313, a mature Ayrshire cow owned by John Linn & Sons at Manhattan, Kan. Buttercup won her honors by making the highest mature Advanced Registry record completed in the mature class in the United States during 1921. Her record is 19,267 pounds of milk containing 704.95 pounds of butterfat. This record takes second rank among Kansas

records, being below that held by Canary Bell who also won the French Cup in 1918, making 19,863 pounds of milk, 744.51 pounds of butterfat.

Rob's Buttercup F. is the dam of Good Buttercup, who formerly held the junior 3-year old state Ayrshire record, making 8,560 pounds of milk and 361.66 pounds of butterfat.

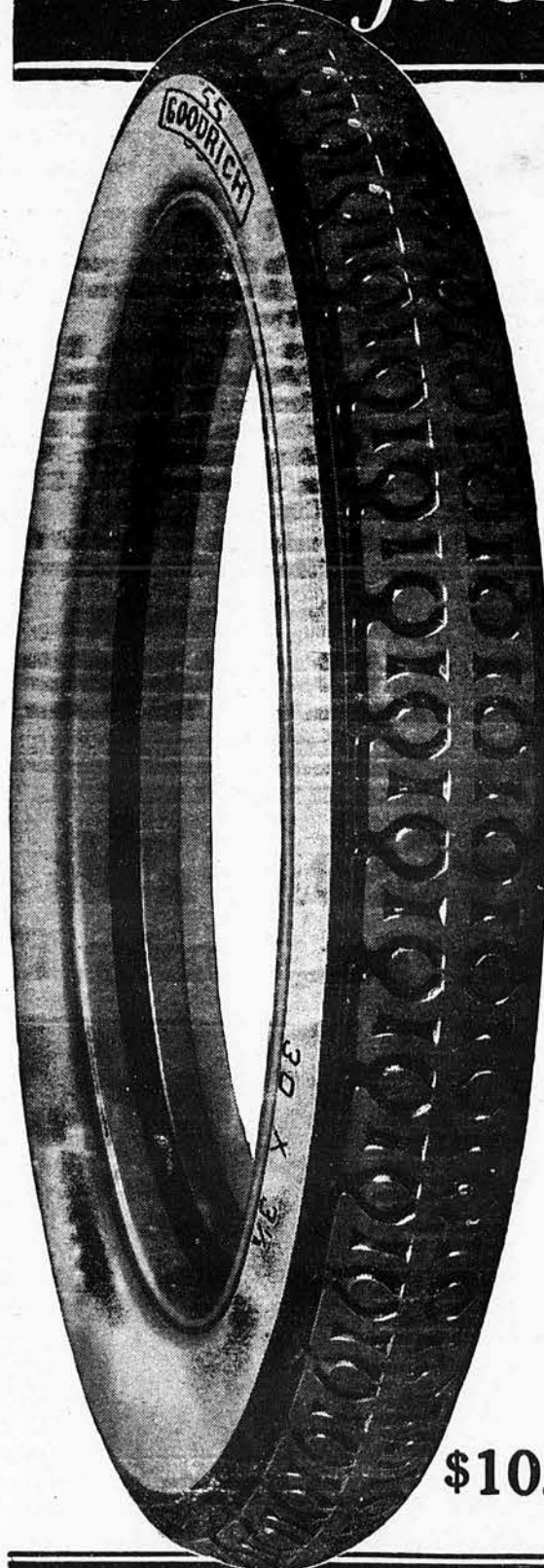
Forty-five Advanced Registry records have been completed at Linndale Farm, which average 10,306 pounds of milk and 410.23 pounds of butterfat. The average of all the Advanced Registry Ayrshires in the United States is 9,907 pounds of milk and 393.73 pounds of butterfat. The United States Department of Agriculture reports the average production of Kansas cows to be 3,250 pounds of milk. All Cow Testing Association cows in Kansas completing a year's record during 1920-1921, averaged 6,068 pounds of milk and 223.9 pounds of fat. This shows the standard at Linndale Farm.

Two herd sires are maintained in this herd, both of them being from world's record cows. The herd is being built up mostly with daughters of these two bulls.

R. B. Becker.

Goodrich "55"

The Tire for Small Cars



The Last Word in Tire Economy

If you drive a Ford, Chevrolet, Willys Overland, or any other car using 30x3½ or 30x3 clincher fabrics, see and feel the Goodrich "55."

New qualities of durability, of strength and of safety added to that half-century old Goodrich quality make the Goodrich "55" a most remarkable value.

Its scientifically designed tread grips like a tractor. It unerringly holds your car to the road. It checks skidding and sliding. It makes driving easier.

And further—

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