

KANSAS FARMER

AND

MAIL & BREEZE

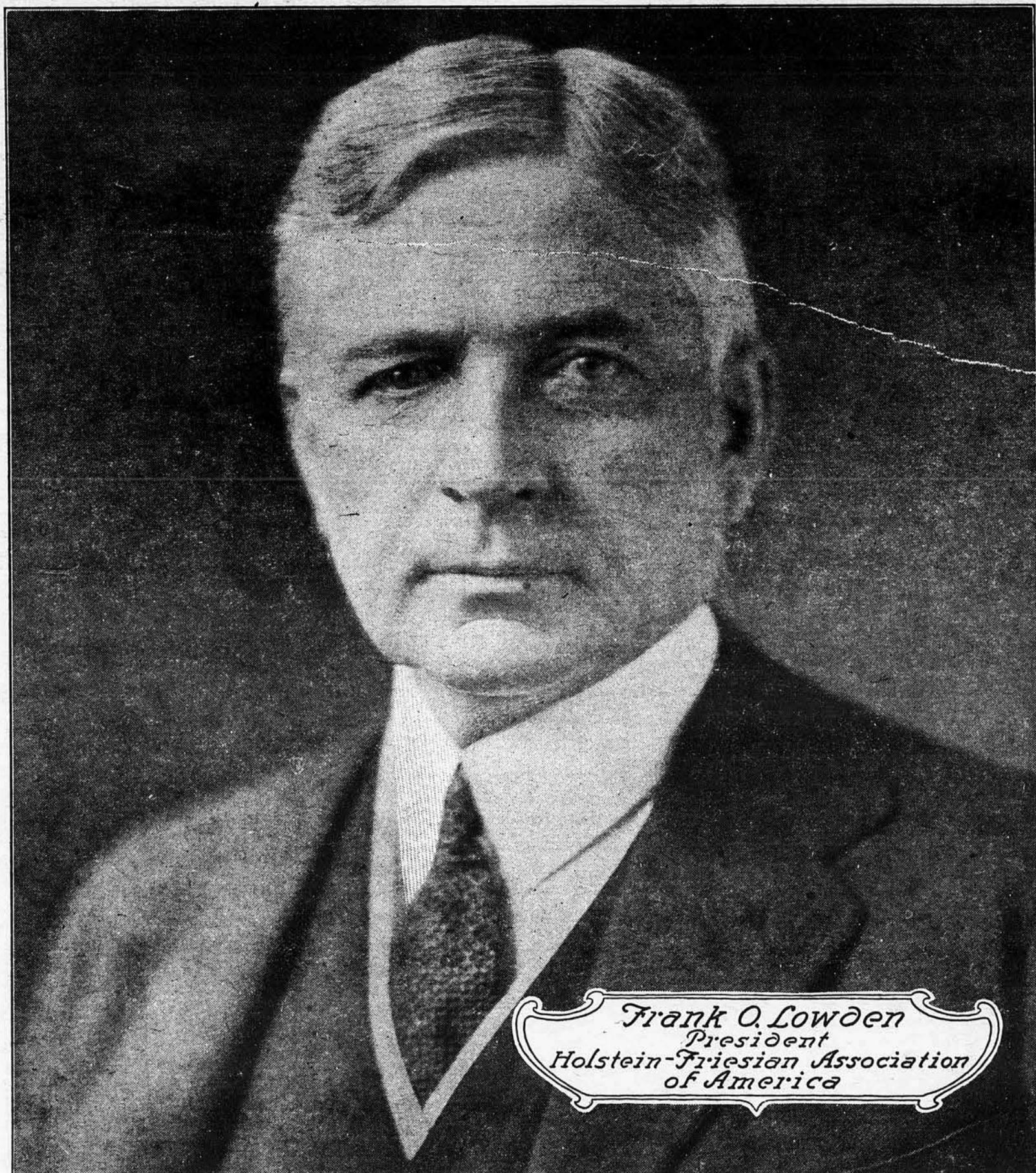
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Volume 60

June 3, 1922

Number 22



Frank O. Lowden
President
Holstein-Friesian Association
of America



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Better Wheat in Southwest

Campaign for General Improvement in Quality of Grain Outlined at Conference Held in Topeka Last Week

A PRETENTIOUS plan for the improvement of the quality and an increase of yield of wheat in the Southwest was drafted and approved at a conference of representatives of farm organizations of four states, Kansas, Missouri, Nebraska and Oklahoma held in Topeka last week. Action was taken at request of the Southwest Wheat Improvement Association which has pledged itself to carry out this program. The campaign will be under the direction of H. M. Bainer, manager.

The conference was attended by representatives of agricultural colleges, state boards of agriculture, the agricultural press, the Southwest Millers' League and the Kansas City Board of Trade.

Chief Features of Campaign

The program, the chief feature of which is an advertising and publicity campaign to inform the public as to the principal essentials of the plan of wheat improvement and the danger of deterioration of quality unless preventive measures are taken, follows:

1. Conduct a campaign of publicity and advertising to inform the whole public regarding the principal essentials of the situation with reference to the quality of wheat in the Southwest. This campaign should utilize advertising and news services, extension services. It should emphasize, particularly, the importance to the entire Kansas City territory of preventing the occurrence of what has taken place in various other wheat growing regions with reference to the general deterioration of wheat quality.
2. Obtain, and distribute thruout the territory, type samples of wheat grades together with figures showing approximate average price spreads between grades.
3. Expand present activities in field inspection of wheat by the agricultural colleges and state agencies in co-operation with the pure seed growers' organizations in the various states.
4. Disseminate at once, information on the effects of various methods of harvesting and storing on the quality and market price of wheat.
5. Conduct special wheat trains beginning later than July or August, 1922, to be devoted to the use of good seed, proper seedbed preparation, and other simple facts which are highly influential in determining the milling quality of wheat.
6. Conduct special wheat grading short courses and demonstrations to inform both wheat growers and country buyers of wheat regarding the relation of grades to market values of wheat.

Adoption of the program followed a morning of discussion by representatives meeting in the public utilities hearing room at the state house. The conference, called by President W. M. Jardine, of the Kansas State Agricultural College, brought representatives from four states, Kansas, Nebraska, Oklahoma and Missouri. President Jardine presided and J. C. Mohler, secretary of the Kansas state board of agriculture, acted as secretary.

Quality Determines Price

In opening the conference President Jardine pointed out that the difference in quality of wheat must be reflected in prices paid at country elevators if real progress is to be made in improving the wheat grown in the Southwest and this attitude was taken by every speaker.

Harry Randall, chairman of the

Southwest Wheat Improvement Association committee, told how the idea first came from action taken along the same line in the Northwest. He explained that Marco Morrow, assistant publisher of The Capper Farm Press, and George Piper, of the same organization, had called a meeting in Topeka at which interested persons were present, to effect an organization to put the idea across and that this was the start of what work has been accomplished. He described how from this start the millers of the Southwest had taken it up and how other organizations had voted approval and pledged financial support. He invited the delegates to outline a program that the association could carry out.

George Stuhler, commissioner of agriculture in Nebraska, suggested that a licensing plan for country grain dealers might be advisable.

Presents General Program

A general program for wheat improvement for Kansas was presented by Dean F. D. Farrell of the Kansas State Agricultural College.

John Fields, editor of the Oklahoma Farmer, urged the convention to concentrate on a program that did not take in too much territory, so that whatever was attempted could be carried out. He warned against trying to do too much.

Following this general discussion the conference voted to name a committee to draft a program to be carried out by the Southwest Wheat Improvement Association and which had the approval of the various farm organizations represented. This committee, appointed by President Jardine, consisted of Dr. H. J. Waters, chairman; Dean F. D. Farrell, J. A. Whitehurst, Oklahoma; George Stuhler, Nebraska; H. M. Bainer, manager of the campaign, Kansas City; W. C. Etheridge, Columbia, Mo.; L. A. Fitz, Manhattan; L. E. DeVoss, Farmers' Union Jobbing Association, Kansas City, Mo.; and Frank Snyder, Kansas State Farm Bureau Federation, Manhattan, Kan.

Frank O. Lowden Greets You

Frank O. Lowden, the former governor of Illinois was elected president of the Holstein-Friesian Association of America at the Annual Convention held at Syracuse, New York, June 1 and 2.

His picture adorns the cover page of the Kansas Farmer and Mail and Breeze this week and no doubt many of our readers will have the pleasure of meeting him personally in the coming meeting of the National Holstein-Friesian Association in Kansas City, June 5 to 10.

In China there are produced no fewer than 80 known varieties of oranges.

Barnyard manure saved is money saved. Spreading it over the fields from day to day is the best practice.

Heart of America Dairy Show

BY JOHN W. WILKINSON

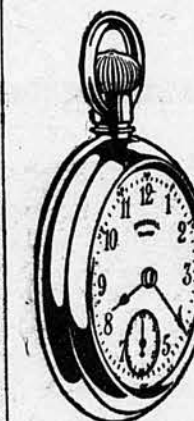
KANSAS dairymen and farmers are urged to make their plans to attend the National Convention of the Holstein-Friesian Association of America at Kansas City on June 7 and also the Heart of America Dairy Show that will be held from June 5 to June 10 in connection with the convention.

In speaking of this meeting the Holstein-Friesian World of May 20 says: "Unusual efforts are being put forth to make this gathering a real educational event. Located at the gateway to the Southwest, it presents a wonderful opportunity to bring the story of better dairying and better cattle to a region of limitless possibilities that is ready and waiting for the message. A real dairy show will be staged, lasting the whole week. The main feature will be the splendid specimens of the Holstein breed to be sold in the National Holstein Sale. In addition, there will be a magnificent exhibit by the United States Department of Agriculture which was the outstanding feature of all the exhibits at the National Dairy Show last year; also, exhibits of dairy equipment, feeds, and a novel display demonstrating the importance of better sires."

"Side trips have been arranged to a number of the important Holstein establishments near by with a barbecue as one of the appealing attractions. It will be well worth the time and expense involved for every member of the Holstein-Friesian Association and every man who is interested in the Holstein breed to spend the week of June 5 at Kansas City and to bring his wife and family with him. The city of Kansas City and the Holstein clubs of Kansas and Missouri are extending a most cordial invitation to everybody to attend every session during the entire week."



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30x3	\$ 8.75	34x4	\$18.60
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32x3½	13.50	33x4½	22.15
31x4	14.75	34x4½	23.20
32x4	16.10	35x4½	24.05
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KANSAS FARMER and MAIL & BREEZE

June 3, 1922

By *Arthur Capper*

Vol. 60 No. 22



Frye Makes Over His Farm

For 11 Years Montgomery County Farmer has been Growing Sweet Clover, Building Up His Soil and Getting Bigger Yields of Every Other Crop

By James H. Cloture

MONTGOMERY county farmers who attended a sale in 1910 were peeved when a farmer got up and began to praise sweet clover. They were ready to throw him out of the window and heckled him thruout his talk for boosting a "weed" that they said would take a farm if permitted to get a start.

John C. Frye, who lives northeast of Independence, was in the crowd and enjoyed the fun but he listened to what the man had to say. That year he had harvested 960 bushels of wheat from 120 acres, an average of 8 bushels an acre, and he had to draw on his bank account to keep going. He was in the mood to grab at the first straw that came along.

Legumes Build Up Soil Fertility

The speaker declared that Sweet clover would build up fertility in the soil and would increase yields of other crops if properly handled. He told of an 80-acre field of Sweet clover on his farm on which he had pastured 60 head of cattle and sold the seed for \$3,700. He also described how, by turning under the Sweet clover, he had increased the yields of other crops grown on the same land.

Frye went home. He kept thinking about Sweet clover in connection with his low yield of wheat. Finally he bought 2 bushels at \$17.50 a bushel and sowed it in the fall of 1911, obtaining a good stand but it was winter-killed. The next spring he sowed 1 bushel getting a hay crop and some pasture. In 1913 Frye let his crop of Sweet clover of 4 acres go to seed. From 1 bushel planted he sold \$395 worth of seed and kept enough to sow 20 acres the following spring.

The Sweet clover was planted with wheat in March and was pastured un-

til late in the season. When the wheat was harvested the Sweet clover was plowed under and the field replanted to wheat in the fall. Mr. Frye declares that his yield the next harvest was 8 bushels more an acre than in the previous year.

Encouraged, Frye sowed 40 acres to clover, took off a hay crop and also harvested a large quantity of seed. The second crop was turned under and the ground planted to wheat in the fall. Wheat also was planted on adjacent land on which Sweet clover never had been grown.

Land without the clover produced 20 bushels of wheat to the acre while the yield on the Sweet clover land was 32 bushels. That experience definitely

turned Frye into a Sweet clover fan, and it explains why this year he has 126 acres of Sweet clover growing on his 240 acre farm. It is everywhere, in his pasture as well as on his cultivated land.

Foxtail was giving Frye trouble in his alfalfa field so he sowed Sweet clover there and killed out his weed pest. Last year's crop of Sweet clover on one field was turned under as green manure. Frye got a fine early stand with oats planted on the same field. He also sowed the field to Sweet clover later in the spring for pasture. The oats and Sweet clover will be cut together and Frye expects to fan out 4 bushels of clover seed to the acre when he threshes. All of the straw from the

oats and Sweet clover is saved as it makes good feed for cattle. Three crops were growing on this field early in May, oats, the early Sweet clover which had seeded itself and Sweet clover from spring seeding.

Frye now has 126 acres of Sweet clover growing on his farm. This year he sowed 96 acres, there are 10 acres of last year's planting and 20 acres are volunteer.

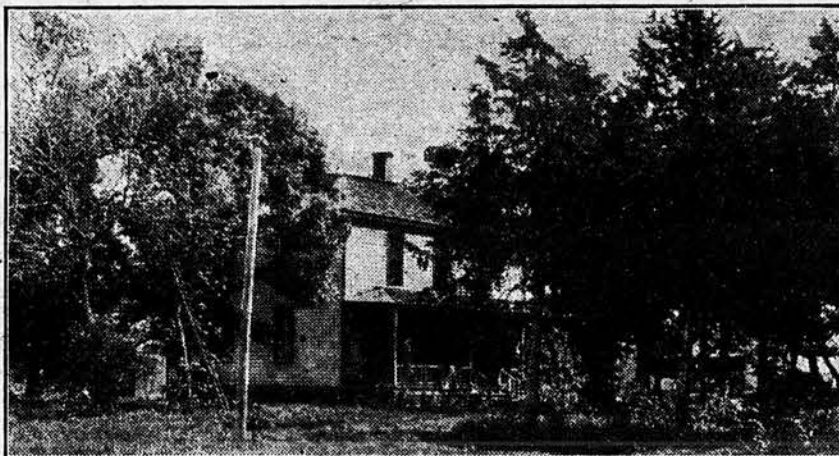
Sometimes, if he is short of feed, Frye cuts his Sweet clover for hay before turning it under as green manure but this is not a regular practice as the clover is more valuable as fertilizer than as hay.

Frye broadcasts the Sweet clover in the spring on his fall planted wheat, sowing 15 pounds to the acre. It is plowed under usually in August when it stands hip high. Frye plows 7 inches deep. "I like to see the dirt turn," said he, "and cover up everything there is to cover."

Makes Good Winter Pasture

Every year Frye leaves some Sweet clover for winter pasture. This he plows under in the spring and plants the field to oats or corn. This gives him a rotation which he has found valuable. The chance of getting a good stand of alfalfa is much better if Sweet clover has been grown on the land for a year or two, Frye says. It inoculates the ground, puts humus in it and adds nitrogen which gives the alfalfa a good start.

"Sweet clover also is mighty good for kafir," said Frye. "I have gotten one-half more grain and fodder from kafir following clover than from kafir on ground on which clover never had been grown. That increased yield certainly is worth having under such conditions." (Continued on Page 10)



The Home of John C. Frye Near Independence is Surrounded by Beautiful Trees Set in a Clover and Bluegrass Lawn That are Restful and Inviting

Cows Banish Graper's Worries

By Raymond H. Gilkeson

SIXTEEN dozen quarts of milk as well as many pints of cream marketed daily, and 100 pounds of butter sold every week eliminate worries about fluctuations of the grain and livestock markets for Elmer Graper of Eldorado, Kan.

It was three years ago that Mr. Graper decided to sell the crops from his 225 acre farm in this concentrated form, and he is thoroly convinced that dairying is one of the most profitable propositions of the farming world. A few grade Holsteins started the dairy herd, and following a system of keeping all heifer calves, Mr. Graper has built up his herd until at present he has about 60 head. But Holstein grades did not carry out the plans of having only purebred milkers, so just recently Mr. Graper started changing over to purebreds and to Ayrshires, his favorite breed, by purchasing eight head of purebred Ayrshire cows and a purebred bull. "It will take time to change over," said Mr. Graper, "but just as surely as I built up the herd of Holstein grades, I will build up my herd with Ayrshires. I am making the change so that I can supply my customers with the richest milk sold in Eldorado."

Along with building up a high producing herd Mr. Graper has given attention to providing equipment that will permit him to give his cows the very best of care with the least possible waste of time, and handle the milk under the most sanitary conditions. He built a dairy barn 30 by 60 feet with stall room for 30 cows. The stalls are of the Graves type, built in two

rows the length of the barn, and arranged so the cows face the center. Back of every row of stalls, shallow cement gutters were laid. On the inside edge of the gutters are 2-inch sides. This together with the outward sloping of the gutters, affords complete drainage for the stalls. The 2-inch sides also keep the cows from lying in the manure. Between the feed box and gutter in every stall is just enough space for comfortable standing room, so when a cow lies down she will put her head under the feed box, which is sufficiently high, take a step forward, and lie down instead of lying on the cement edge.

A V-shaped manger solves the problem of getting alfalfa hay to the cows from the 75-ton hay loft. This manger runs the length of the barn, each side serving a row of cows. Shallow troughs connect the individual feed boxes thus forming a trough along the bottom of the manger in every stall which catches the alfalfa leaves that fall from the manger, eliminating this waste. Feed boxes, connecting troughs and stalls are thoroly cleaned every day. At one end of the barn is a 70-ton pit silo. "It means a little more work to get silage out of a pit silo, but I am satisfied it keeps better," said Mr. Graper. Last year this silo was filled three times. Mr. Graper favors kafir silage, because he has found that his cows produce more and richer milk when fed kafir than when fed any other kind of silage.

Small scales in the dairy barn make it convenient to weigh every cow's milk separately. Mr. Graper believes in feeding a cow in proportion to the amount of milk she produces. For every 3 pounds of milk a cow gives, she is fed 1 pound of a mixture consisting of 4 parts corn chop, 3 parts bran and 1 part oilmeal. Along with this ration every cow gets all of the alfalfa she will eat, and in two feedings a day receives 25 pounds of silage. The barn and feed lot provide ample room for the cows during the winter months, but in the summer they are turned in the well shaded woods bordering the stream that runs thru the Graper farm. "I don't let the cows run on pasture," said Mr. Graper, "because in hot weather it cuts down the milk production, and then the flies bother too much. However in lieu of the green pasture I give them a cutting of fresh alfalfa every day."

A pneumatic water system carries water to all parts of the farm where it is needed. In the feed lot is a concrete water tank which is kept full of fresh, clean water at all times. Cows drink out of this trough 365 days out of the year, getting cool water direct from the well in summer, and when they go to the trough on winter days they find the water warm enough to drink. When building the trough, Mr. Graper put a furnace under it. "One fire a day under the water has been enough so far," he said.

To care for the milk properly a spe-

cial concrete milk house was built, 40 feet long and 16 feet wide. It is divided into a receiving and cooling room, bottle washing room and churning room. The fourth room is the largest, and is fitted up for a garage, blacksmith shop and work shop.

As soon as Mr. Graper finishes milking with the double unit milking machine the milk is rushed to the cooling room. Here it is run thru a series of coils over which water pours. This is done before the milk is packed in ice over night, to cut down on the ice consumption. The water that runs over the coils is piped into stock tanks and is not permitted to go to waste. Immediately after milking of a morning the new milk is packed in ice, and after being cooled to the proper temperature, is taken, together with the night's milk, to the bottling room. Here, an automatic bottling machine makes quick work of filling the quart and pint bottles and saves much valuable time and labor.

The milk bottles and containers are not only thoroly washed, but are sterilized with hot steam. The milk house, with its special room and equipment for every different operation, is responsible for putting on the market in Eldorado, milk which has the lowest bacteria count of any milk sold in that city. Mr. Graper runs the milk route once a day.

Mr. Graper started in the dairy game with stock and equipment valued at about \$1,000 and thru careful management has built up a dairy business that has paid for itself, and today is valued at more than \$15,000 in cash.

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Entered as second-class matter February 16, 1906,
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Member Agricultural Publishers Association
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Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.

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F. B. NICHOLS, Managing Editor **T. A. McNEAL, Editor**
JOHN W. WILKINSON and RAY YARNELL, Associate Editors
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 fer financial loss thru fraudulent dealing resulting
 from such advertising, we will make good such loss.
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 date of this issue; that we are notified promptly, and
 that in writing the advertiser you state: "I saw your
 advertisement in Kansas Farmer and Mail and Breeze."

Passing Comment—By T. A. McNeal

QUITE recently I have traveled over a num-
 ber of country roads. In a few cases I
 have found what seemed to me to be near-
 ly perfectly built and well kept roads.
 They had been properly graded and well drained
 and then they were dragged just at the right time
 and in the right way. They were not graded up
 to a peak, so that the automobile was traveling on
 a side hill all the time but were just enough
 rounded on top to give good drainage to the sur-
 face of the road. The culverts were well built
 and the ditches along the side of the road were
 evidently laid out by an experienced engineer.
 These roads are excellent during all the time ex-
 cept when there are heavy and long continued
 rains. Of course no dirt road is very good when
 it is very wet weather.

Unfortunately I cannot make this kind of a
 report on all the country roads I have recently
 traveled over. Some of them are as bad as the
 country roads I knew when I was a boy. They
 were not properly drained or properly graded and
 were not dragged when they should have been
 and as a result after even a moderate rain they
 were nearly impassable.

I am convinced that dirt roads properly con-
 structed and properly cared for will be excellent
 roads except in very wet weather and the cost of
 upkeep would be little if any more than the cost
 of keeping up a bad road.

There are people who seem to think anybody can
 build a first class dirt road. There never was a
 greater fallacy. It requires nearly as much skill
 and experience to make a first class dirt road as
 it does to make a first class concrete highway, but
 the concrete highway perhaps will cost 30 times
 as much as the good dirt road. There is a great
 deal we ought to learn yet about making roads.

The Navy League

THERE is an organization in Washington
 known as the Navy League of the United
 States. I do not know just how this organiza-
 tion is supported but evidently it is fairly well sup-
 plied with funds.

For a long time I have been receiving bulletins
 from this organization and I presume I am only
 one among many thousands who receive the same
 kind of literature. Always this Navy League has
 been urging a bigger navy. No matter how many
 men or ships we had the bulletins informed me
 that there was very grave danger to the country
 unless the navy is increased.

When the World Conference met at Washington
 it decided that the three big navy nations, Great
 Britain, Japan and the United States should be
 permitted to build navies in the proportion of
 three to Japan and five to the United States and
 Great Britain.

It did not say that either of these nations must
 maintain a navy of a certain size but permitted
 a certain maximum.

A large number of the members of the House of
 Representatives favored reducing our navy to a
 personnel of 65,000 men. The advocates of a big
 navy managed however to keep the number up to
 86,000 enlisted men. The bulletin just received
 says that the British navy will be kept up to more
 than 100,000 men and therefore we should have
 that many.

Personally I think that 86,000 men is 26,000 too
 many and that instead of trying to keep up with
 Great Britain we should set the example of reduc-
 ing our own navy and bringing economic pressure
 on both Britain and Japan to compel them to re-
 duce theirs.

Stands by Truthful James

I NOTICE in a recent issue of your paper," writes
 a Lyons subscriber, "a remarkable story of
 the weather by Truthful James. Some of my
 neighbors to whom I lend my paper, seem to doubt
 the veracity of Truthful's statements, saying they
 never have witnessed such weather as he tells about.
 "Now I have no patience with any one who will
 doubt the statement of another simply because he,
 the doubter, never has seen anything like it.

"I remember the storm Mr. James tells about
 quite well. I was living on Honest creek in Ne-
 braska at that time. Of course it did not get so
 hot up there but I distinctly remember seeing the
 hens standing up in their nests, fanning their eggs
 with their wings to keep them from getting too

hot to hatch during this very hot spell of weather.

"When the wind came from the north it did get
 cold up there. The blizzard lasted three days
 and nobody ever knew how cold it did actually
 get. Uncle Jodad McGosky had the only thermom-
 eter in the neighborhood and the bottom was
 busted out of it before noon of the first day. Hon-
 est creek froze so that it bulged clear out upon
 the prairie and it was three weeks before it
 thawed enough so that we could put it back where
 it belonged.

"But the strangest thing of all was that all the
 calves born and the pigs farrowed after the storm
 that spring had their backs frost bitten and their
 ears and tails about half frozen off. I left Ne-
 braska soon after that because I did not wish to
 take chances on such another spell of weather."

About the Governorship

RECENTLY I received a couple of letters from
 friends of mine who seem to have some
 doubt as to whether I have announced my
 candidacy for governor. I supposed that I had
 made that matter entirely clear a good while ago.
 Unless I die before the primary, and I may say that
 I am in excellent health at this writing, my name
 will be on the primary ballot and every man and
 woman in the state who calls for a Republican
 primary ballot will have the opportunity of voting
 for me if they so desire.

I stated in the beginning that I had neither the
 time nor the money necessary to make a state-
 wide campaign. That is just as true now as when
 the statement was made.

I have also stated that I do not have a state-
 wide political organization and cannot have. I
 wish to say that no candidate for governor can
 establish headquarters and effect a state-wide
 political organization without violating the law.
 The law, which I have heretofore quoted, limits
 the amount he can spend for campaign purposes,
 or cause to be expended, (please mark those
 words), to \$500. This does not include his own
 necessary traveling and hotel expenses but it does
 include the traveling expenses of those employed
 by him or traveling at his expense.

It does include the expense of postage and sta-
 tionery, printing campaign literature, rent for
 headquarters, stenographer hire and all other ex-
 penses incident to his campaign. That is less than
 \$5 to a county. A state-wide organization simply
 cannot be perfected and carried on for that amount.

Perhaps that limit is too low. Perhaps a candi-
 date should be permitted to expend or cause to be
 expended an amount sufficient to acquaint all
 the voters of the state of his candidacy and what
 he stands for.

I did not make this law. It is the law and no
 candidate for the high office of governor has a
 right to either disobey it directly or to evade it
 and by some subterfuge get by in making his
 report of expenses.

If there is any man who should be especially
 careful to obey the laws of the state both in letter
 and in spirit it is the governor, for he is the chief
 executive of the state and it is one of his duties to
 see that the laws of the state are enforced so far
 as that is possible.

The law makes the expenditure of more than
 \$500 by a candidate for governor in a primary
 campaign a misdemeanor and the candidate who
 violates that law is subject to a fine of not to ex-
 ceed \$1,000. If elected and convicted of having
 violated this law, his conviction automatically
 ousts him from office.

Now I know that I cannot effect a state-wide
 political organization without becoming a law vi-
 olator. I also am of the opinion that no other candi-
 date can effect such an organization without
 becoming a law violator. I also hold that every
 candidate should be held to a strict accountability.
 He should be held to a stricter accountability in
 fact than the private citizen because of the posi-
 tion to which he aspires.

I have not taken up a great deal of space talk-
 ing about my candidacy. I do not expect to do so.
 There are at least three prime requisites for a
 good governor; he should be thoroughly honest, com-
 petent and have the courage to do his duty. If in
 your opinion I lack in any one of these then you
 ought not to vote for me either at the August
 primary or in November, if I get the nomination.

Of course you cannot know for certain whether
 I do possess all of these qualifications, I am not
 certain about it myself, for one does not know
 until he is tried just what he will do under cer-
 tain conditions.

I have tried to state frankly what I would
 hope to accomplish if nominated and elected. I
 might be disappointed and also the people of
 Kansas might be disappointed.

There are many persons who profess to be
 wise to the political situation. I do not. I receive
 a great many letters which seem to be very en-
 couraging, in fact I cannot believe that the out-
 look is as favorable as these letters indicate.
 Speaking frankly, here is the situation as I see
 it. W. Y. Morgan has been working on the job of
 running for governor for a good while. He has
 more country newspaper support than any other
 candidate. To what extent these newspapers con-
 trol their readers I do not know. He has by all
 odds the most complete and expensive political or-
 ganization among the candidates. He is maintain-
 ing expensive headquarters and sending out a
 great deal of literature. The state administration
 is supporting him and he is generally recognized
 as the administration candidate. Now the governor
 and other members of the state administration
 have an entire right to support Mr. Morgan. I do
 not mention the fact complainingly, but simply
 as a fact.

Next to that of Mr. Morgan the most extensive
 and expensive political organization will, I think
 be that of W. R. Stubbs. His managers say that
 it will be thoro and state-wide, but then this must
 be an exaggeration as surely Governor Stubbs
 would not consent to a political organization that
 would necessitate a violation of the law.

Mr. Lambertson does not seem to have a state-
 wide political organization but has done more
 traveling than any other candidate; in fact he has
 visited every county in the state with I think one
 exception. This of course has been very expensive
 but is not a violation of the law. The only ques-
 tion is whether the results justify the expense.
 That, however, is a matter which Mr. Lambertson
 has a right to determine for himself.

Of Mr. Knapp's campaign I know almost nothing.
 I know that he has made some speeches in differ-
 ent localities but do not know what he has done
 in the way of forming a political machine.

Fish Raising in Kansas

AT PRESENT I am collecting information about
 fish raising in Kansas and intend to write a
 somewhat extended article about it later, but
 among the letters received from those who are try-
 ing to raise fish I find several who complain that
 they have not been able to get any results worth
 mentioning from trying to raise bass in ponds.

I took this matter up with our state fish and game
 warden and asked him to write to one of the pond
 owners who has been trying to raise bass without
 success.

A part of the warden's letter may be of interest
 and value to other fish raisers. He says:

"The history of rearing black bass in such re-
 stricted water is, that within a few years you have
 a few very large fine black bass and no other fish
 in your pond. In extended and varied waters the
 black bass has no equal, but in small ponds it is
 utterly impossible to produce them in reasonable
 quantities, or any other fish in the same water
 where bass are placed. They are very rapid grow-
 ers, great eaters and are absolutely carnivorous.
 The Country Club at Pittsburg has had the same
 experience and I could cite you to many cases ex-
 actly in line with yours. If my surmise is correct,
 I would advise that you get rid of your bass en-
 tirely and stock your lake with blue gill and
 crappie, also white perch. These fish get along
 well together and will soon give you an abundance
 of good food, but of course they are not the game
 fish the bass are."

No Room to Criticise Russia

RECENTLY a mob of supposedly civilized
 white people in the state of Georgia took a
 negro boy, 15 years old, who had been ac-
 cused of assaulting a white girl, tied him to a
 stake, tortured him with a fiendishness never ex-
 ceeded by the Apaches and finally burned him
 to death.

Now in order to visualize this, just look at the ordinary 15-year old boy; he is little more than a child. This black boy was probably under developed mentally and even if an average of boys of his age he was only a child. Possibly he was guilty of the crime charged against him, altho there did not seem to be any very positive proof of that, but in any event he should have been given a fair trial and if found guilty should have been incarcerated where he could not be a menace to other persons.

The white people who engaged in this barbarism were as brutal as the black boy they tortured and as deserving of punishment. It is entirely too much to hope that the authorities of the state of Georgia will take any steps to punish the perpetrators of this hideous crime. If they would make a real earnest effort to do that it would go a long way toward wiping out the disgrace that rests on the state of Georgia.

We are likely to throw up our hands in horror when we read of the cruelties practiced in Soviet Russia, yet I never have read of any act of the Bolsheviks that equaled this Georgia case for fiendish cruelty.

Not only is this a disgrace to Georgia, but it is also a disgrace to the entire United States.

The Dyer Anti-Lynching bill seems to be pigeon-holed in Congress and may be permitted to die on the calendar. It has become common to apologize and even defend the white mobs of the South for burning negroes, and yet we wonder that a spirit of lawlessness grows in this country.

A Word for the Ayrshires

I AM just now in receipt of the following letter: I notice your editorial in last week's Kansas Farmer and Mail and Breeze relative to the Holstein cow being generally used at the public institutions of Kansas and Missouri. For your information I desire to say that Ayrshire cows produce the milk supply for the Hutchinson Reformatory and

they are proving very satisfactory.

Newton, Kan.

ALVAH SOUDER.

I am very glad to make this correction. I know of several fine Ayrshire herds and have the impression that as dairy cattle the Ayrshires really have no superiors.

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.

Settlement of Promissory Note

A sued B and his wife on a \$300 note which they had given. They have no more property, however, than that which is exempt by law. B's wife is one of nine children who inherit an estate. Can A get an attachment on the part that B's wife gets of this estate?

U. S.

Whenever a judgment debtor acquires more property than is exempt under the law, the judgment against such debtor attaches to this property. I do not think this debtor would have the right to an attachment but when the estate comes into the possession of B, if it then exceeds the exemption, execution could be levied on the judgment.

Who are the Heirs?

A and B are husband and wife. This is a second marriage, both having grown families by their first marriage. A buys some property which was sold for taxes in a small town in Kansas, makes use of the property and pays the taxes but has no deed. After 10 years or at A's death, B rents the property and makes her home with her children. She pays the taxes 18 years still in A's name, then the property is sold again but is redeemed in B's grandson's name. At B's death who are the heirs to this property? Can there be a deed obtained and if so how?

E. B. F.

If A held this property for three years or more

after the tax sale, paying the taxes on it, he was entitled to a tax deed and after his death his wife is entitled to have this deed issued and the value of the property divided between herself and A's children. If no deed has ever been issued, I think perhaps it would be best to apply to the court for an order that a deed should be issued to the administrator of the estate so that it may be divided between the heirs of A and B. In that case one-half of it would go to A's children and one-half to B's children.

The Tenure of a Lease

A rented B's farm for 1921 with the understanding that if both were satisfied B was to have a five-year lease on the farm. When the time came to make out a new lease A would not grant any more than a one-year lease. Can B hold the farm for five years?

W. R. G.

No. The original contract provided that both must be satisfied in order that a five-year lease should be made out. Evidently the owner of the land is not satisfied to continue this arrangement and there is no way in which he could be compelled to do so.

When Tenant Violates His Contract

A and B are father and son. A bought a farm, and made a verbal contract with B to farm the land. There was no length of time specified. A and B were each to pay for half the stock and implements and divide the income fifty-fifty. B is doing all the managing without A's advice. He is taking off stock that should be kept on the farm and lets the people beat him on his judgment. B is of age and single. He and his father live on the farm. How can A proceed to get B off the farm?

S. K. F.

B is what is termed under our statutes a tenant at will. Apparently he is violating the terms of his contract. It would be necessary, however, to give him 30 days' notice in writing in order to oust him. This seems to be a very unpleasant situation. The father and son should try to get along together and I would not advise resort to legal proceedings except as a very last resort.

"Riding For a Hard and Heavy Fall"

Grain Gamblers Soon to Face a Stronger Law

By Senator Arthur Capper

THE Chicago Board of Trade is "riding for a fall" says the Northwestern Miller, highest milling authority in the United States, in a vigorous, plain-spoken editorial in its issue of May 10 discussing and scoring the board's annual "May squeeze" in wheat. I reprint below much of the hide-removing comment made by this country's leading milling journal on the vicious practices of the Chicago grain exchange.

For more than a month this squeeze, resulting in an erratic wheat market, has seriously and injuriously affected legitimate business in every grain center in the United States. It was going on at the very moment that the United States Supreme Court handed down its decision declaring Section 4 of the Capper-Tincher law for federal control of grain exchanges invalid because "as the court held, 'sales for future delivery in grain exchanges are not of themselves interstate commerce.'"

With the brazen effrontery of the "dead game sport" the Chicago grain gamblers seized upon this very decision, which gives the world's greatest gambling game another lease of life, to further manipulate the market to the injury of those who make use of the grain exchanges to carry on the actual grain business of the country.

Speculators Manipulate Markets

In this reckless proceeding the grain gamblers have but assisted recent market history to repeat itself. Last summer when the Capper-Tincher law was passed and the 1921 crop was moving to market, the grain gamblers, seizing upon the passage of the law as a pretext, worked the same game they worked last week, except at that time they reversed the process and deliberately brought about a slump in the price of wheat for the purpose of prejudicing the farmers of the country against the very legislation adopted by Congress to protect the farmers from these wolves. Then they were "soaking" the producer. This time they are throwing the grain-and-milling-trade machinery out of gear on the eve of another crop season.

There was absolutely no legitimate reason why this decision of the court should have affected the price of wheat one way or the other. It simply demonstrated what a grip the gamblers have on the markets as they are being conducted today.

The general effect of these frequent and unwarranted demonstrations of power to manipulate the market, is to rob the beholder of any confidence in it, of any faith that a dependable or probable stability may be forthcoming at any time of year, based on actual conditions. This makes of the entire marketing process by which wheat is transformed into bread, little more than what it actually is—a colossal game of chance whereby the big and the little gamblers win or lose their bets.

However, let the greatest milling journal, the recognized authority of the milling trade in 48 states, say it:

"It will require more even than the practiced skillfulness of the grain trade's publicity department to convince the country that recent developments on the Chicago Board of Trade and elsewhere have not been the direct result of speculative manipulation. The sudden pressure on May wheat, the

hurried purchases by shorts who were in the process of being squeezed, the advance in prices on the thinnest of excuses, or with no excuse at all; every phase of the performance bears the characteristic marks of that form of speculation which the public regards as gambling.

"When wheat option prices jump 6 or 8 cents in the course of one day's trading, and when the current news provides absolutely no information indicating either an increased demand for actual wheat or a prospective shortage of supplies, there is only one possible conclusion to be drawn. When the same thing happens year after year at almost exactly the same time, becoming so familiar that the 'May squeeze' is marked on Chicago's calendar as methodically as Easter or Decoration Day, the natural assumption is that the speculative leaders feel so sure of their ground that they dare to defy public opinion."

In 1920 and 1921, when the shadow of Government control still rested darkly over the grain trade, there were profuse promises of reform. Speculation of the kind represented by the "May squeeze" was to be eliminated, and transactions in grain futures were to be maintained only to permit of legitimate hedging. There was to be no more opportunity for price manipulation by gamblers who never held a bushel of actual wheat, but who bought or sold paper promises in such a way as to force wheat prices up or down as they saw fit.

"The devil was sick, the devil a monk would be; the devil was well, the devil a monk was he." The grain exchanges, or those who use them for purely speculative purposes, have of late given a vivid interpretation of the old adage. The official leaders plead helplessness; if members of the exchanges in good standing choose suddenly to buy or sell a particular option, the managers are obviously powerless to prevent it. The men who really direct operations say nothing, and pocket their immense profits.

May Force Government Control

This method of doing business, if persevered in much longer, will lead to one of two things: either the principal buyers of actual wheat will ally themselves closely with the farmers' selling agency, or else the Government will once more interfere, and this time will not be put off by specious promises of reform.

The United States Grain Growers, Incorporated, has seen troublous times, but it is by no means defunct. Its leaders made the mistake of promising too much and too rapid results, but they must have known all along that it would take years for them to build up such an organization as they had planned. Just now the grain exchanges are playing straight into their hands; they are giving them a powerful argument, not alone with the farmers or the public, but with the men whose business it is to buy grain.

The millers are utterly out of patience with the

vagaries of grain prices as manipulated on the exchanges. They know that the greatest obstacle to steady and consistent flour buying is the fluctuation of wheat prices for causes utterly unrelated to supply and demand. At the Chicago meeting last June it was apparent that the millers, far from being in close sympathy with the grain exchanges during their period of tribulation, were acutely conscious of themselves being the chief sufferers from unrestrained gambling in grain.

The immensely complex machinery for financing, distributing and storing the Nation's grain crops has an incalculable value, and the millers, as the principal buyers of wheat and other milling grain, have every reason to desire that it should be kept intact and able to operate efficiently. Their position makes them almost inevitably close allies of the grain trade, and its welfare means almost as much to them as that of their own industry. They cannot, however, have any sympathy with the use of that machinery, in open contempt of the public good, for purposes of gambling for the sole benefit of a few powerful interests. The grain exchanges will either have to find some way of putting a stop to such speculative activities as are exemplified in the present "May squeeze," or somebody else will do so for them.

Retribution is Assured

The time for protestations of innocence and good intentions has long since passed. The millers have no desire to see a revival of Government control of the grain trade, but they do not propose indefinitely to be made the victims of a small group of grain gamblers. The grain exchanges have successfully withstood the attacks of their enemies, but it will be an evil day for them if their failure to carry out their promises of reform finally aligns even their closest friends against them.

It is not too late, even now, for the necessary housecleaning to be undertaken and carried out, but the whole country is out of patience with promises that mean nothing in the face of manifest proofs of speculative manipulation.

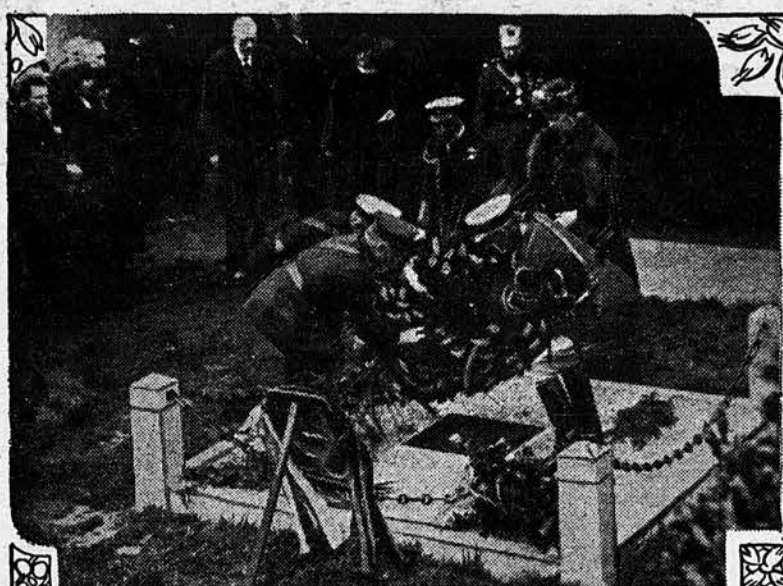
I am convinced no lasting reform may be expected from the grain exchanges themselves, as the last 40 years of their history amply prove. Gamblers do not reform themselves altho they may affect at times to "get religion" for appearance sake. I consider federal control of the grain exchanges even more necessary than federal supervision of the packers and the meat industry of the United States.

The decision of the Supreme Court invalidating the Capper-Tincher act probably means another big fight to get the necessary remedial legislation enacted. We are working on a new bill that will do the business where, in the opinion of the Supreme Court, the old bill did not, despite the fact that some of the court's former rulings seemed substantially to support that bill.

The new bill will be promptly introduced.

We shall not let up until we have a law that will give producer, consumer, miller and all a square deal in the big markets and put the grain gambler and manipulator out of business for all time.

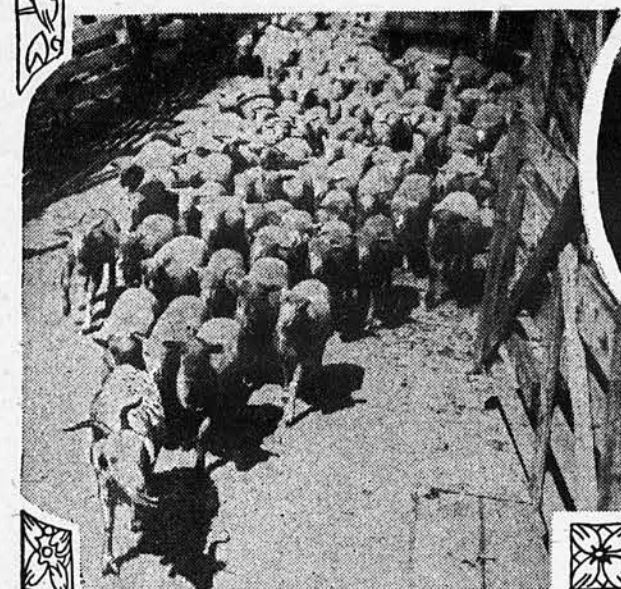
News of the World in Pictures



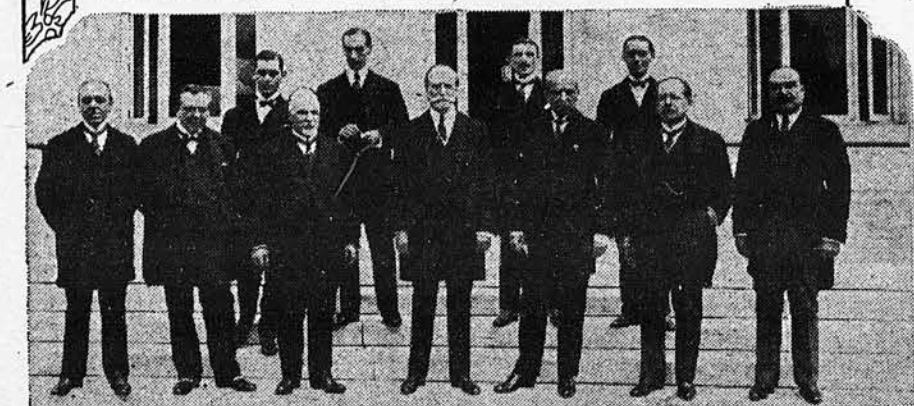
King George and Queen Mary of England Visit the Spot Where the Nurse Edith Cavell was Shot by Germans in Belgium.



The Fortress at Coblenz on the Rhine, Once the Pride of Germany, Workmen are Now Dismantling It.



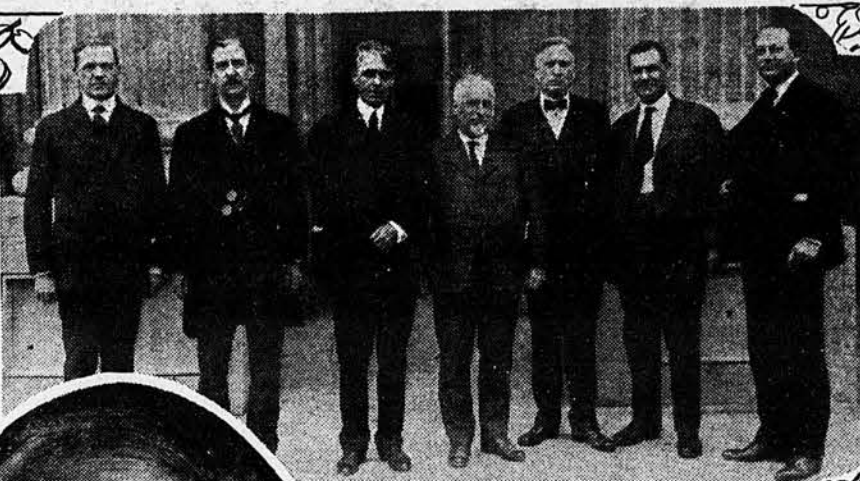
Like Lambs to the Slaughter; for the Last Seven Years This Traitorous Old Ram Has Led Sheep to Slaughter at a New England Packing Plant.



Tacna-Arica Conference Meets at Washington to Settle 45-Year-Old Boundary Dispute Between Chili and Peru; Secretary Hughes Presided at the Opening Session.



Julius H. Barnes, Grain Operator of Duluth, Minn., and Former Head of U. S. Grain Corporation, was Recently Elected President of the United States Chamber of Commerce by Unanimous Vote.



Edison Submits to Senate Committee Farm Storage Plan; Left to Right, Senators McNary, Swanson, Capper, Ladd, Kendrick, Jones, Harrison.



Fred A. Cady, Swimming Instructor at the Los Angeles Athletic Club, Using Water Shoes He Designed.



Commodore Sir Bertran Hayes, Commander of the Majestic; This is the World's Largest Liner Which Recently Arrived in New York City.



Syracuse Varsity Team: 1, at Bow, Page; 2, Quigg; 3, Gorman; 4, Howard; 5, Brower; 6, Hopple; 7, Hardie; Stroke, Woeden; Coxswain, Marvin.



Aerial Rum Runner Falls at Croton, N. Y., It was Carrying from Canada 150 Bottles of Choice Scotch Whisky.



Five Families Farm as One

By Exchanging Work and Pooling Their Investment in the Best Available Machinery the Newkirks Operate 1,650 Acres Efficiently and Profitably

By Ray Yarnell

SIXTEEN hundred and fifty acres can be operated at less expense, proportionately, than a half section. It long ago was found by business men that the overhead of a big store was less on a unit of sales, than the overhead of a small store, because the greater volume of business brought certain economies in operation that were impossible in an enterprise of less scope.

It was with knowledge of this fact that the Newkirks of Galt community in Rice county, organized their farming operations as one enterprise, although every member of the association handles his own land and receives all the income it produces. Earnings are not pooled and divided, as are the earnings of a large corporation in which several companies are associated.

Co-operation Reduces Cost

It is in the actual operation of the land and the harvesting of the crops that the Newkirk association, as it may be termed, functions so economically. By working together the cost of farming has been greatly reduced and the group has been able, by pooling the investment, to purchase machinery that no member could have afforded acting alone.

The Newkirk Association is a family affair. It consists of the father, R. R. Newkirk, C. S. Newkirk, Arthur Newkirk and Ray Newkirk, sons, and A. F. Kiser, son-in-law. Farms they either own or rent are close together and the land, for the most part, is in a body, although divided into separate farms.

R. R. Newkirk owns three quarters and Kiser has two quarters and rents 50 acres. C. S. Newkirk owns two quarters as does Arthur Newkirk. Ray Newkirk is renting 160 acres. The family operates a total of 1,650 acres.

All the young men either are former students or graduates of the Kansas State Agricultural College at Manhattan and have gone into farming as a life business as well prepared by careful training, as if they had directed their

efforts along some other line of work.

The Newkirks are wheat growers. That is their business. Every effort is directed along that line. Wheat comes first. Eighty per cent of the tillable acreage on these farms is devoted to this grain year after year, and the operations are so systematically handled, cultural methods used are so good and the seed planted is of such high quality, that the yield on the Newkirk land averages from 3 to 5 bushels more an acre than on surrounding farms.

By acting together, exchanging work and buying machinery in common, the cost of growing an acre of wheat has

had owned a similar outfit by himself.

While chief attention is given to wheat every member of the Newkirk Association is making livestock contribute its share to the farm income. Livestock is not handled on a large scale, but there is at least a cow, a sow and two dozen hens on every farm; in fact there are several cows, several sows and a number of dozens of hens on every farm.

The milk cows owned are good animals, a few being purebred Holsteins. Most of the Newkirks have a few good grade Shorthorns and purebred bulls. C. S. Newkirk and A. F. Kiser have good

o'clock in the morning until 10 o'clock at night. This year it is planned to rig up a light for the outfit and plow day and night until the job is completed if the weather permits.

In planting three drills are drawn by the tractor. One trails and two are pulled at the sides. Ground is covered rapidly by this method. The tractor also is used to supply power for threshing. Wheat is hauled directly from the headers to the thresher and binned or sold immediately.

Utilize Straw as Fertilizer

The Newkirks scatter much of the straw on the land as a means of keeping up fertility. Early plowing and proper preparation of the seedbed also assist. Only pure Kanred wheat is grown and all seed is treated to control smut. The Newkirks have a homemade wheat treating set which has a capacity of 100 bushels a day. It consists of a barrel, four buckets and three tubs. The barrel has three spigots set into its sides thru which the solution drips onto the wheat. An upright near the barrel from which a hook is suspended, supports the buckets holding wheat while the solution drains off.

A bucket, with a screen wire bottom, is filled with wheat and placed in the first tub. Solution sufficient to saturate the grain then is drawn from the barrel thru the spigot. The wheat is to remain in the solution 10 minutes. Five minutes later the second bucket of wheat is arranged in the next tub and 5 minutes later the third bucket is placed. These 5-minute intervals enable the Newkirks to hang one bucket up to drain for several minutes before being dumped to take the place of the next bucket of treated seed, thus forming an endless chain system. So fast as one bucket drains another takes its place and new wheat goes into the solution for treatment.

Every bucket holds a half-bushel of wheat. With this outfit the Newkirks frequently have treated 100 bushels of grain in a day with but little trouble.

Seek Quality and High Yield

GREAT care in preparation of the seedbed and in handling the grain while it is being harvested and after it is threshed, combined with the use of pure Kanred seed which is treated to control smut, have enabled the Newkirks to produce high quality wheat for which they get close to the best price the market affords. Production of quality grain has been very profitable to them and ought to pay any farmer for the time and attention he will give to it. These men constantly are seeking to increase their acre yield because they realize that if they can get a bushel or possibly 2 bushels more from an acre, their overhead will be decreased and their profit in every bushel of wheat will be increased in like measure.

been reduced considerably below that on the average farm, hence the profits have been increased. By exchanging work no member of the association has to pay out much cash for labor.

A tractor, which is needed to handle the big acreage quickly and economically, is owned in common. With it all plowing and drilling is done and it also operates the grain separator. The threshing outfit is owned in common as are the drills, harrows and plows. Under this plan the investment by any one member of the association is small compared to what it would be if he

herds of purebred Duroc Jersey sows, eight or nine apiece. Newkirk's herd is headed by an excellent boar in which Sensation and Pathfinder blood is crossed.

On every farm in the group is a good flock of purebred chickens which is counted on to pay a large part of the monthly grocery bill and to supply fresh meat for the table throughout the year.

Plowing starts on the Newkirk farms before the headers finish cutting the wheat. The tractor, drawing six bottoms and a smoother, is run from 4

A New Home After 65 Years

A. C. Hurd, of Jefferson County Came to Kansas in 1857, Built a Modern Home in 1921 and Has Just Begun to Really Live

By Frank A. Meckel

IF YOU had lived for 65 years on a farm would you think you were entitled to a new house with all modern conveniences? On first thought you would say, "Yes," but do you ever stop to think that it is a mighty easy thing for a man to believe that if he has managed to get along for 65 years in the old place, he can worry along for the rest of his life, and let the young folks do the renewing?

A. C. Hurd, of Jefferson county came to Kansas from New York 65 years ago. He settled in Jefferson county at that time and has lived there ever since. Most of that time he has lived right on the farm where he now is living. He has 210 acres of very fine second bottom land in the Kaw Valley. His family consists of himself, a son and a daughter.

Old House is Removed

Until last September, the folks lived in the old house that had stood on the farm for a great many years, but finally the time came for the shedding of the old and the donning of the new. The old house was raised off the foundation and moved back into the yard and the new house was built.

It is a very roomy home consisting of seven large rooms and a bath. It was planned by the daughter and built largely with farm and neighborhood labor. The construction is of hollow tile covered with stucco which makes it warm in the winter and cool in the summer.

The front of the house is taken up with a large living room which has a beautiful pressed brick fireplace at one

end, and the other half of the front is used as the dining room. This is separated from the living room by two swinging glass doors.

There is a large bedroom on the first floor which opens off the living room. The bath room is directly off this bedroom and has an entrance into it, and also into a special closet or hallway that opens on the back porch. This permits the men to come in from the field and go to the bath room to wash up

before meals without tracking thru the kitchen or any other part of the house. Boots and rubbers may be removed on the porch or in this closet.

The kitchen is very light and airy, with plenty of windows on two sides. A large white porcelain sink with drain-board to match has been mounted along the east wall right in front of a double window. There are a number of cupboards and a large kitchen cabinet. The second floor is taken up with

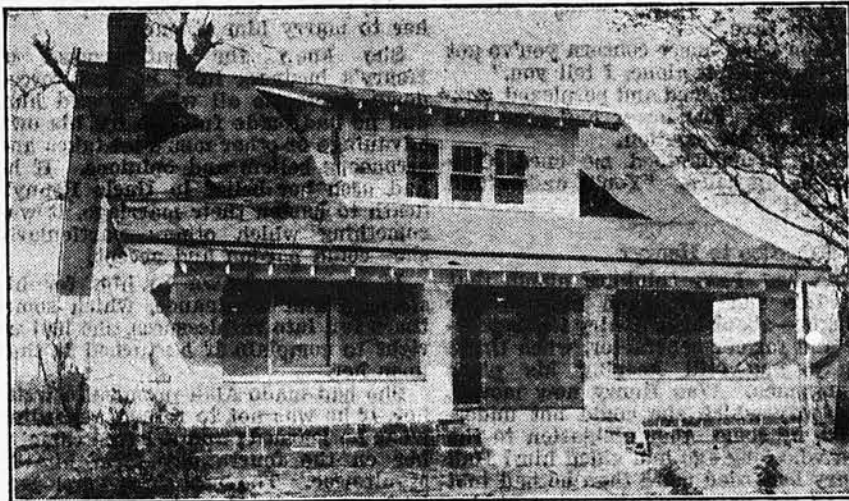
three splendid bedrooms which have windows on two sides and permit plenty of air circulation on hot nights.

The house is very well equipped with modern appliances and conveniences. In the basement there is a large hot air furnace which heats the house very well in cold weather. There is an excellent little 32-volt farm electric plant which provides electric light and power to operate a system of running water and a power washing machine. The water is forced into a large pressure tank by means of an electrically driven pump and from there it is sent to the faucets in the kitchen and bath room. A belt pulley from one of the motors operates the power washer. A battery of 16 cells is used to store electricity for lighting use when the plant is not running.

How Sanitation is Insured

The waste water from the bath room is led thru a drain and is conducted into a septic tank. This insures a sanitary disposition of the sewage from the house, and tends to improve the health and comfort of the folks who live there.

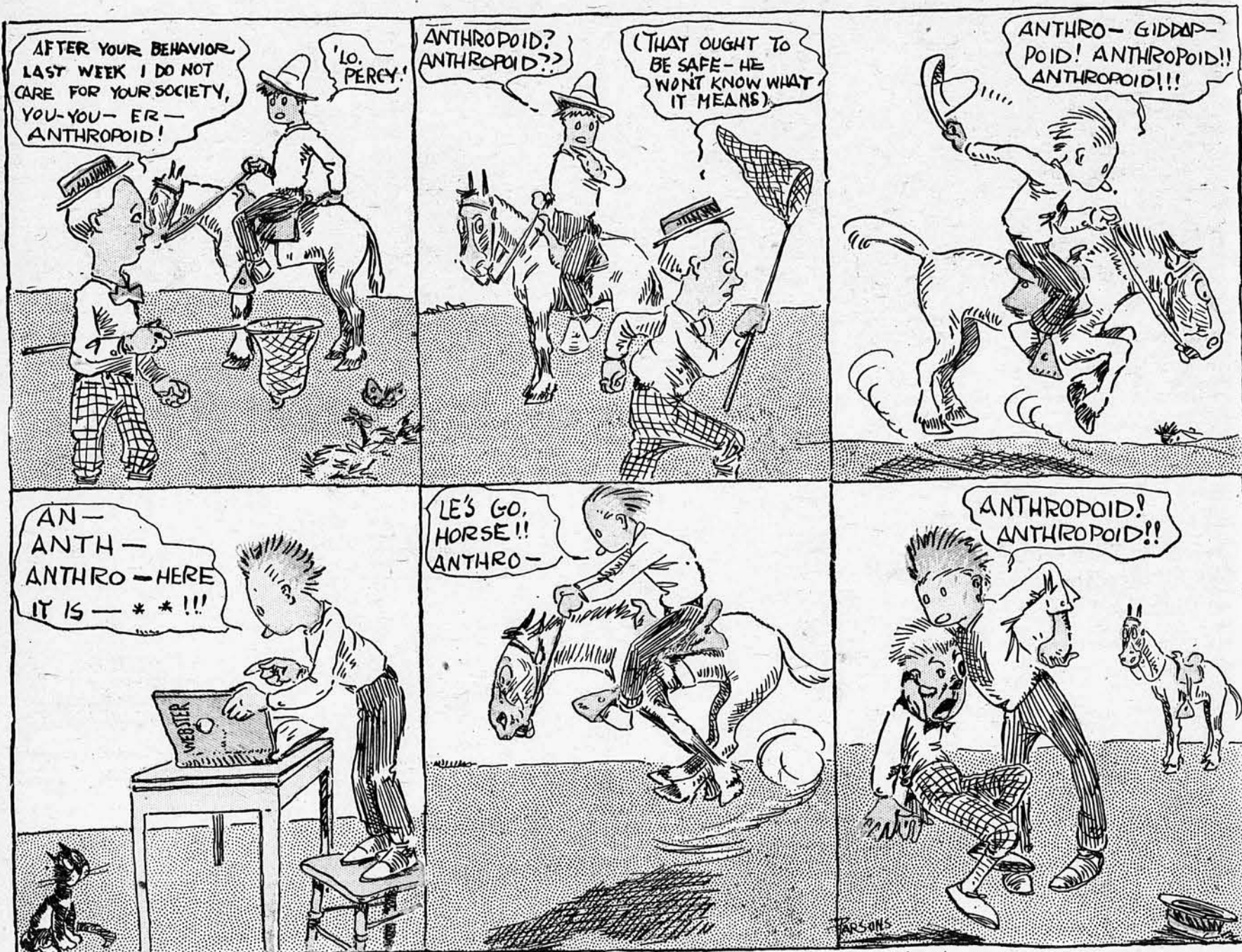
Such houses as this help to make the country an enjoyable place in which to live. In this home will be found all of the modern conveniences and comforts found in any city home, and added to these are the enjoyment and satisfaction of living out in the open where there is no crowding or jostling of the crowds; where one is close to nature and growing things, but still where one can live just as well or a little better than the man in the city.



When We Have More Farm Homes Like This One, We Will Have Better Farms and Better Farmers Living There

The Adventures of the Hoovers

Buddy Felt Somewhat Flattered When Percy Called Him an Anthropoid Until He Located the Word in the Dictionary and Then Things Began to Happen



The Indian Drum

By WILLIAM MacHARG
and EDWIN BALMER

HE TURNED away a moment and considered. "Where's Conrad now, Connie?"

"He's gone to Frankfort to cross to Manitowoc."

"To get deeper into that mess, I suppose. He'll only be sorry."

"Sorry?"

"I told that fellow long ago not to start stirring these matters up about Ben Coryet, and particularly I told him that he was not to bring any of it to you. It's not—a thing that a man like Ben covered up for twenty years till it drove him crazy is sure not to be a thing for a girl to know. Conrad seems to have paid no attention to me. But I should think by this time he ought to begin to suspect what sort of thing he's going to turn up. I don't know; but I certainly suspect—Ben leaving everything to that boy, whom no one had heard of, and the sort of thing which has come up since. It's certainly not going to be anything pleasant for any of us, Connie—for you, or your father, or for me, or for anybody who'd cared for Ben, or had been associated with him. Least of all, I should say, would it prove anything pleasant for Conrad. Ben ran away from it, because he knew what it was; why doesn't this fellow let him stay away from it?"

"He—I mean Alan, Henry," she said, "isn't thinking about himself in this; he isn't thinking about his father. He believes—he is certain now—that, whatever his father did, he injured

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

(Copyright by Edwin Balmer)

some one; and his idea in going ahead—he hasn't told it to me that way, but I know—is to find out the whole matter in order that he may make recompense. It's a terrible thing, whatever happened. He knows that, and I know; but he wants—and I want him for his sake, even for Uncle Benny's sake—to see it thru."

"Then it's a queer concern you've got for Ben! Let it alone, I tell you."

She stood flushed and perplexed, gazing at him. She never had seen him under stronger emotion.

"You misunderstood me once, Connie!" he appealed. "You'll understand me now!"

An Injustice to Henry?

She had been thinking about that injustice she had done him in her thought—about his chivalry to his partner and former benefactor, when Uncle Benny was still keeping his place among men. Was Henry now moved, in a way which she could not understand, by some other obligation to the man who long ago had aided him? Had Henry hazarded more than he had told her of the nature of the thing hidden which, if she could guess it, would justify what he said?

In the confusion of her thought, one

thing came clearly which troubled her and of which she could not speak. The watch of Captain Stafford's and the ring and the coins, which had made her believe that Uncle Benny was dead, had not been proof of that to Henry. Yet he had taken advantage of her belief, without deceiving her, to urge her to marry him at once.

She knew the ruthlessness of Henry's business life; he had forced down, overcome all who opposed him, and he had made full use for his own advantage of other men's mistakes and erroneous beliefs and opinions. If he had used her belief in Uncle Benny's death to hasten their marriage, it was something which others—particularly she—could pardon and accept.

If she was drawn to him for his strength and dominance, which sometimes ran into ruthlessness, she had no right to complain if he turned it thus upon her.

She had made Alan promise to write her, if he was not to return, regarding what he learned; and a letter came to her on the fourth day from him in Manitowoc. The postoffice employees had no recollection, he said, of the person who had mailed the package; it simply had been dropped by some one into the receptacle for mailing pack-

ages of that sort. They did not know the handwriting upon the wrapper, which he had taken with him; nor was it known at the bank or in any of the stores where he had shown it. The shoe dealer had no recollection of that particular box. Alan, however, was continuing his inquiries.

In September he reported in a brief, totally impersonal note, that he was continuing with the investigations he had been making previous to his visit to Harbor Point; this came from Sarnia, Ontario. In October he sent a different address where he could be found in case anything more came, such as the box which had come to Constance in August.

She wrote to him in reply each time in lack of anything more important to tell him, she related some of her activities and inquired about his. After she had written him thus twice, he replied, describing his life on the boats pleasantly and humorously; then, she immediately replied, she did not hear from him again.

She had returned to Chicago late in September and soon was busy with social affairs, benefits, and bazaars which were given that fall for the Red Cross and the different Allied causes; a little later came a series of the more personal and absorbing luncheons and dances and dinners for her and for Henry, since their engagement, which long had been taken for granted by every one who knew them, was an-

(Continued on Page 15)

Why We Can Now Have Big Yield Farming

Since oxen tramped out wheat on the threshing floor, no more important invention has been made than the modern thresher that saves all the grain

FARMERS everywhere are rapidly recognizing the new era of farming—the era of Fordson Farming, the era of farming-profit without the toil and drudgery unavoidable when old-fashioned methods were employed. For the farmer of today has come to realize the tremendous advantages now offered him through the use of mechanical power—bigger crops, larger profits, with time for pleasure doubled.

Highly important in the era of Fordson Farming is the Wood Brothers Individual Thresher. For with it, a big yield is assured because *all the grain is saved*.

This big yield feature illustrates what is probably the chief advantage in farming with the powerful, lightweight, inexpensive Fordson and the Standard Equipment that operates so perfectly with it.

Not only does this combination put the soil into the very best of condition, giving the seed

an opportunity to produce its utmost, but with Standard Individual threshing equipment,

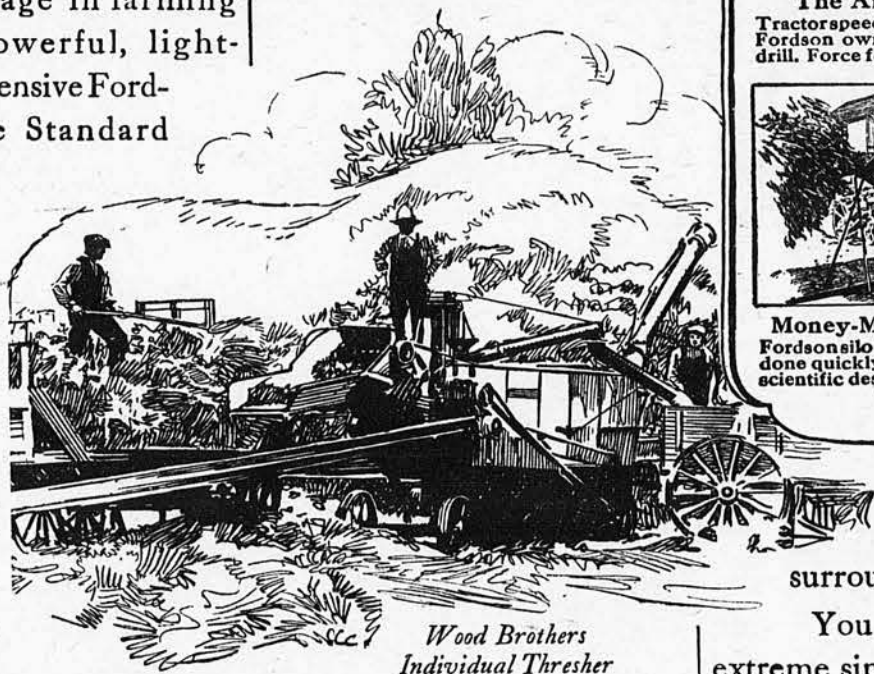
all of the grain is saved thus making the biggest yield.

Saving of grain is dependent upon two things: sufficient power, and a separator that will thresh clean. When grain is once blown into the straw stack, there is no means of recovering it.

Patterned in simplicity after the Fordson itself, and built in large quantities, the Wood Brothers Individual Thresher produces results fully up to the Fordson standard and is sold at a price that any farmer can afford.

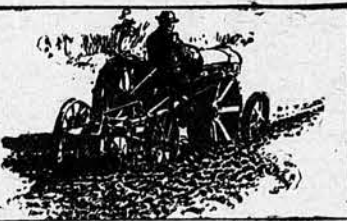
Individual Threshing is the coming method because it permits threshing at the time the grain is in its best condition. Thus it all is saved.

At a price only about twice



Wood Brothers
Individual Thresher

that of the Fordson itself, this separator often earns its own cost the first season by using it



The World Famous Oliver No. 7
On thousands of farms, the world famous Oliver No. 7 has been the plowing partner of the Fordson from the beginning.



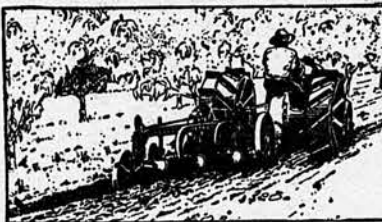
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Oliver Fordson special disc plows have set a new standard. They penetrate the toughest soils, yet are light running.



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Oliver listers combine Fordson speed with the thoroughness of Oliver tillage tools. Mechanism simple and accurate.



Roderick Lean Automatic Harrow
Fitting the seed bed the Fordson way with the Roderick Lean Automatic Harrow—special Fordson Harrow.



Special Oliver Orchard Plow
Fordson orchard plowing is done thoroughly with the Oliver special orchard gang. Branches and trunks are not injured.



Good Work With Roller Pulverizer
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Tractor speed and accuracy utilized by the Fordson owner with the Amsco special drill. Force feed makes positive planting.



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Cultivating corn is easy for the Fordson farmer with the Amsco Cultivator—special for the Fordson. Made for hard work.



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Fordson silo filling with the Money-Maker done quickly and cheaply. Strength and scientific design give perfect work.



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Baling hay with the Fordson and Money-Maker baler is an important operation to the farmer with large hay acreage.

to thresh for the surrounding neighbors.

You will understand its extreme simplicity when you know that there are only five belts and every one of these operates in a straight line.

Farmers with no experience, use this Individual without any difficulty at all.

It is guaranteed that even wet straw will not wrap round the cylinder, that every Individual will thresh clean.

Ford Dealers Everywhere Sell Standard Fordson Equipment



Only one-fifth of the buildings owned by the Bell System are shown in this picture.

A Telephone City

Above is an imaginary city, made by grouping together one-fifth of the buildings owned by the Bell System, and used in telephone service. Picture to yourself a city five times as great and you will have an idea of the amount of real estate owned by the Bell System throughout the country.

If all these buildings were grouped together, they would make a business community with 400 more buildings than the total number of office buildings in New York City, as classified by the Department of Taxes and Assessments.

Next to its investment in modern telephone equipment, the largest investment of the Bell System is in its 1,600 modern buildings, with a value of \$144,000,000. Ranging in size from twenty-seven stories down to one-story, they are used principally as executive offices, central offices, storehouses and garages. The modern construction of most of the buildings is indicated by the fact that the investment in buildings is now over three times what it was ten years ago.

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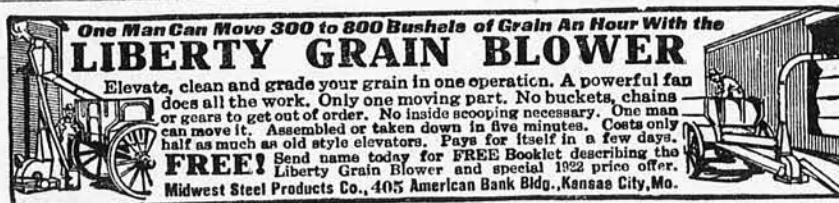


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WHEN WRITING TO OUR ADVERTISERS MENTION KANSAS FARMER AND MAIL AND BREEZE. THIS WILL INSURE YOU GOOD SERVICE.

Jayhawker's Farm Notes

By Harley Hatch

RECENTLY a motor trip to Emporia, 30 miles distant, over upland to Hartford and thence up the Neosho River road disclosed an outlook for a very heavy wheat crop. So rank is the growth on many bottom fields that there is danger of lodging should much more rain come. In the bottom fields the heads are just beginning to show and this indicates a harvest beginning about June 20. On the uplands at the last of May few heads were showing except in an occasional field of soft wheat; most upland wheat is just in the "boot" which probably means a harvest 10 days later than last year and nearly a week later than normal. The cool, dry weather of last week has been just what the wheat needed and it shows no bad effects of the two months of rain; had hot weather followed while the ground was soaked the crop would have been damaged considerably. Old Lawrence Sterne said, some 200 years ago, that "the Lord tempers the wind to the shorn lamb" and while none of us pose as lambs we were glad to see the wind tempered with just the right touch of coolness.

Spring Planting About Completed

Except for occasional farms where plowing or listing was yet going on, the great bulk of the spring planting has been done along the 30-mile road between here and Emporia. The crop starts out about two weeks late but this time can be made up by July 15 if we are given favorable weather. Where, in the days of 15 years ago, the main bulk of the cultivated land would have been in corn it is now in wheat. In fact, the acreages have been just swapped around and instead of 60 acres of corn and 20 acres of wheat which would have been found on the average farm 15 years ago, there is now to be found 60 acres of wheat and 20 acres of corn. This small acreage gave farmers time to get the land in good order and few fields of "hogged in" corn were seen. Alfalfa is going to produce a very heavy first crop. Where one year ago it seemed that the alfalfa was all killed out there is now a show for as good a crop as was ever raised. This is what a little favorable weather will do for our soil here, whether located upon upland or bottom.

Corn and Wheat Acreages Reversed

With the exception of a small piece of very wet land, all the corn and kafir was planted on this farm by May 15. The wet spot will remain wet for at least another week but it can be worked separately from the rest of the field and it will still produce good corn with normal weather if it can be planted by June 5. It is all bottom ground with deep soil and it never lacks for moisture so it is not so necessary that it be planted early. Our corn acreage last year was 82; this year 61. Last year we planted no kafir; this year we planted 6 acres for poultry feed. Our acreage in wild hay and alfalfa is just the same as one year ago with a prospect just now for a much heavier crop. Little interest is now taken in our wild grass crops altho both pasture and meadow have made a good start. With the present scale of wages and the present freight rates there is not a show of profit in making hay for the Kansas City market.

Fruit Crop is Good

Reports from all over the country indicate a fruit crop much better than the average. This means that the regular fruit producing sections are going to find a wonderful falling off in the demand for their produce during the next year. California in particular has been fortunate in having large fruit crops which found a ready market in all the territory east of the Rocky mountains where all fruit was a failure last year. Because of this abnormal condition residents of California have been saying that the tight financial conditions never have affected them; that they did not know hard times existed. It is my opinion that their time is now coming and that they are going to find it more difficult to

market their fruit at profitable prices during the next year than ever before. Freight and handling charges are now so high that a price which seems ruinous to the fruit grower becomes extravagantly high by the time the fruit reaches the consumer. We note that one producer of Elberta peaches, who grows them on a very large scale in the Ozarks, sold his future crop this week for \$1 a bushel, the grower to pick them and the buyer to provide boxes. We think this crop well sold as the way such things are handled now \$1 peaches in the Ozarks mean \$2.50 peaches on the market.

Burning Off Pastures

One 400-acre prairie meadow in this vicinity was just burned over this week. The owner lives in the East and did not realize that grass was so much farther advanced here than where he lived that he put off the burning and did it three weeks later than it should have been. Late burning of our native meadows insures destruction of weeds, however, and while this 400-acre meadow may be short in quantity it will make hay of more than ordinary quality. As we seldom put up any hay for sale on this farm we prefer the much greater quantity that early burning brings so we burned our meadow this year about April 1. Ordinarily we do not burn but last summer we made hay early and an immense second growth came up which had to be disposed of. The 400-acre meadow of which we speak, like many other large meadows here, was not cut for hay last year and the old growth stood up nearly waist high. It had to be burned in order to cut it this season.

Frye Makes Over His Farm

(Continued from Page 3)

At least one crop of Sweet clover has been turned under on every cultivated acre on the Frye farm. Three crops of clover have been turned under on some fields. Frye is following a systematic plan of building up fertility in his soil with the aim of eventually growing alfalfa as his major crop. Actually he is making his farm over with Sweet clover.

"In my opinion Sweet clover is the redemption of upland farms in this section. Farmers either must go to Red or Sweet clover and alfalfa to build up the soil or go broke. I know a whole lot of farmers around here who are taking the clover way to bigger profits."

Kafir is used exclusively for silage. Frye tried corn, cane and feterita but none proved satisfactory. Kafir silage was the only kind his cattle would eat without waste. He says the stock will not eat feterita well and he objects to cane because it grows too tall and is difficult to cut.

"The time to cut kafir is when it is green," said Mr. Frye. "I tried that system last year and got the best silage I ever had. None spoiled. In former years some of my silage moulded because it did not pack well."

A Big Surprise Package

Wouldn't it be a big surprise to you if you were to receive from Kansas Farmer and Mail & Breeze a package containing seven dandy books without it costing you a single penny? Wouldn't you think it great?

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You will receive a book of twenty-four Novels, a Shakespeare book, A Cook Book, A Story, "Married by Mistake," a Crochet and Tatting Book, and an Illustrated Story of the Great Panama Canal, written by Senator Capper, and a Pocket edition of the New Testament.

Our supply is limited, so hurry in your order, as you cannot afford to miss this offer.—Adv.

The city of London has had 839 Lord Mayors.



Letters Fresh From the Field

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

Chase County Farmers' Union

At the quarterly meeting of the Chase County Farmers' Union, held recently, the following resolutions were offered and accepted:

That the Chase County Farmers' Union assembled at Strong City, Kan., urge the Senators and Congressmen from Kansas to give the following bills that are before Congress their undivided support:

The Ladd bill guaranteeing a minimum price on corn, cotton, wheat and wool; the Muscle Shoals bill, turning the nitrate plant over to Henry Ford for the manufacture of cheap fertilizers; the Lansdon Davis bill, authorizing our Government to organize a 200 million dollar Farmers' Finance Union.

As these bills if enacted into law will help to relieve the distress of the American farm population, we expect the Kansas Senators and Congressmen to do all in their power to push these bills.

These resolutions were adopted and the secretary was instructed to send a copy to Senators Curtis and Capper and Congressman Hoch and the Farmers' Union paper. G. M.

Money in Purebred Poultry

Many people still think it does not pay to raise purebred poultry, and say that the mongrels will lay as many eggs as purebreds. This may be true, but when it comes to selling these eggs there is a difference. We proved this to our satisfaction last year. About January 20 of last year we bought 12 White Wyandotte hens paying \$2.50 apiece for them. One was accidentally killed shortly after we bought her and this left us 11 hens.

We had just an ordinary house and back yard town lot for their quarters. We made their house warm enough to

keep them from freezing, but had no scratch pen and in stormy weather they were too closely confined to do their best. They were fed a mash of table scraps, wheat bran, corn chop, oats or barley in the morning, plenty of clean water and grit at all times. In the evening we gave them about all the wheat or corn they would eat. These hens started to lay February 2 and from that time until September 15, they laid 1,582 eggs or an average of seven eggs a day from 11 hens by actual count.

If we had sold these eggs on the local market they would have brought us at that time about \$33, but as they were purebred eggs we could have sold 79 settings of them for \$1.50 a setting of 15 eggs or for \$118.50. By selling the other one fourth of the eggs laid after breeding season was over at 20 cents a dozen or \$6.00 making a total of \$125.10 worth of eggs in seven months from 11 hens. Therefore we made \$92.10 more out of the purebreds than we could have made from mongrels. Mrs. Bert Harris.

Ness City, Kan.

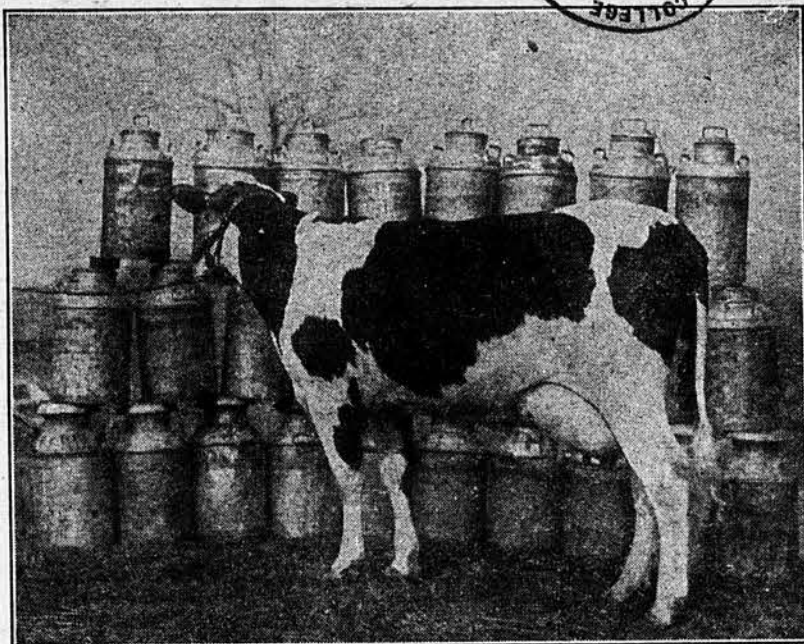
A Word for the Retailer

Since Government investigation has developed that the retailers are not to blame for the high prices, and at a time when more retailers have gone bankrupt than ever before in the history of the country, it seems to me it is about time for you to fall in line, with your avowed policy of a "square deal for all" and help to create a better feeling between the local merchant and the consumer.

While we have crooked merchants just as we have crooked farmers and crooked politicians, the average merchant is human and dislikes to have his home paper take a slam at him, and then insert a full page ad for an out of state mail order firm with the publisher's guarantee the firm is on the square.

Let's hang up a few of the old time mottoes such as "Let charity begin at home" and "Give the devil his dues," and all pull together for a better community and state. Eli E. Gift.

Ray, Kan.



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By having a Rumely Ideal Separator you will be able to thresh when you are ready; save the time and expense of stacking; save thresherman's fees; clear your land for early plowing; save the weeks of exchange work with your neighbors; use this time profitably on your own farm; take advantage of the market; get better prices.

Early threshing usually means a better grade and a bigger yield. Weather exposure is reduced and much spoiled and sprouted grain is avoided. This increases your profits.

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The Rumely Ideal operates on a tried and proved principle that "saves all the grain." An even flow of straw is maintained through the machine. Winding, clogging and bunching are overcome. You get unusual speed, capacity and thoroughness, at least cost for operation and upkeep. Thousands of farmers know this.

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There are two sizes of the Ideal Rumely Separator adapted for individual use. The 22x36, easily operated by the 12x20 OILPULL TRACTOR, threshes up to 900 bushels of wheat daily. The 28x44, operated by the 16x30 OILPULL TRACTOR, threshes up to 1500 bushels of wheat daily. Write to nearest point listed below for complete catalog. In the meantime, see the local Advance-Rumely dealer.

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Farm Organization News

BY RURAL CORRESPONDENTS

ALL of the comforts of the city have been brought to the home of A. E. Huff of near Lancaster, according to H. F. Tagge, Atchison county agent, who reports that Mr. and Mrs. Huff have electric lights, running water, and other modern conveniences at their home. He says Mrs. Huff on several occasions has turned her house over to the community to be used when canning and culling demonstrations are held in the community.

Larger Alfalfa Acreage Urged

An effort is being made by Sam J. Smith, Reno county agent, to get farmers in that county to increase their acreage of alfalfa this spring. Last spring about 25 per cent of the alfalfa crop was lost. Mr. Smith says there is not enough alfalfa in the county at present to supply home demands. A large wheat acreage has been abandoned in the county. Many farmers should sow alfalfa on the abandoned acreage and thus reduce the amount

of land to be tilled this summer Mr. Smith believes. He says the moist spring affords an unusually good chance to get alfalfa started.

Best Yields from Inoculated Legumes

L. D. Kibby and Clarence Haindel, of Ashland, are trying out nitrogen bacteria for inoculating garden beans and other legumes, according to R. W. McCall, county agent.

Last year Mr. Haindel obtained good results and says the beans inoculated made a better yield than those not inoculated. He is planting a number of varieties this year. Part of these will be inoculated and the others planted without treatment. He is also raising a supply of legumes to be exhibited at the Clark County Fair next fall.

Entries for Duroc Jersey Futurities

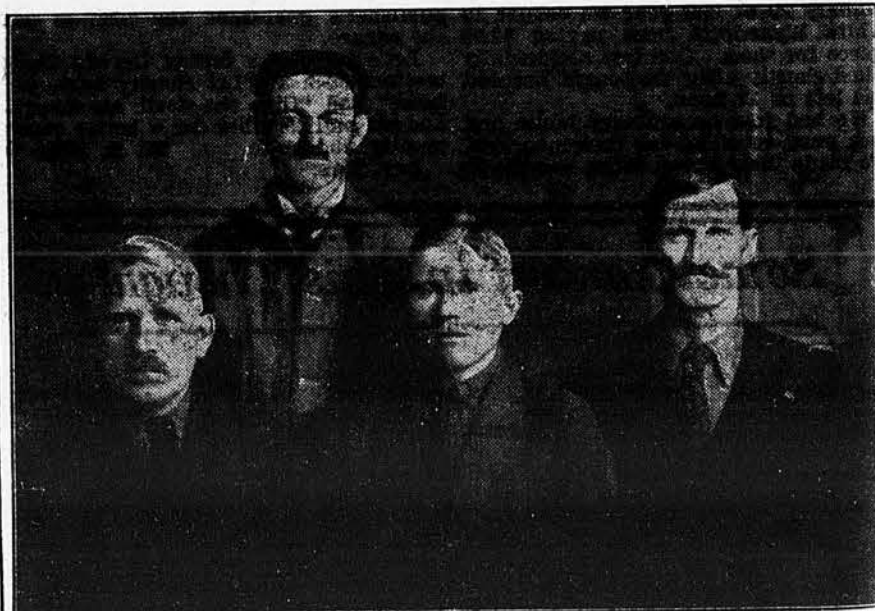
In addition to nominating their herds for the futurity at the Pratt County Fair next fall many Pratt county Duroc Jersey breeders are planning to

The Lyon County Farm Bureau

THE Lyon County Farm Bureau was organized May 15, 1914. The accompanying picture is that of the present officers and the county agent of the Lyon County Farm Bureau. Left to right they are, Henry Rice, Olpe, president; Lloyd Nicklin, Emporia, vice-president; Cecil L. McFadden, Emporia, county agent, and J. C. Hoch, Emporia, secretary-treasurer.

Mr. Rice, Mr. Nicklin and Mr. Hoch are three of the men who helped organize the bureau eight years ago.

Mr. Rice is 52 years old and has lived on a farm all his life. He is now operating 400 acres of land 4 miles west of Olpe. He owns 240 acres of this land and rents the other 160 acres. He owns about 100 head of livestock, a few of which are purebreds, and always uses purebred sires. He grows about 1,500 bushels of wheat, 2,000 bushels of corn, 80 tons of prairie hay and a large amount of alfalfa every year. He has several sons, all of whom are farmers.



He is secretary of the Lyon County Farmers Union, a member of the Grange, and manager of a farmers' telephone company.

Lloyd Nicklin, vice-president of the bureau, operates 160 acres of land. He owns half of this and rents the other half. He has increased the wheat yields on his farm from 20 bushels to 28½ bushels during the last eight years. He gives considerable credit for the increase to the farm bureau which has advocated early plowing, proper preparation of the seedbed, the judicious use of fertilizer and the sowing of Kanred wheat. He attended Kansas State Agricultural College for two years and took a business course at Baker University. He is a member of the Farmers Union as well as of the Lyon County Farm Bureau.

Cecil L. McFadden was born on the Lakeside Stock Farm 4 miles south of Stafford, Kan. This farm comprises 480 acres. A part of this was homesteaded by his father in 1877. The farm is stocked with purebred Polled Hereford cattle, purebred Percheron horses, Poland China hogs, and Single Comb White Leghorn chickens. Nothing but purebred sires have been used on the farm for 35 years. The wheat yield on the Lakeside Stock Farm has averaged more than double the county and state average for the last 10 years. Mr. McFadden was assistant, from the fall of 1917 to the spring of 1918, to P. E. Crabtree, one of the district agricultural agents in Western Kansas. He graduated from Kansas State Agricultural College in 1917 and was the winner of first prize in the Students' Livestock Judging contest at the Kansas Free Fair in 1916.

John C. Hoch has been a farmer for 40 years. He has leased the farm to his sons but he still spends more than half the time there repairing farm buildings, and keeping up the farm. He is an active member of the Grange and was a member of the Farmers Union as long as there was a local in his neighborhood. In addition to being secretary-treasurer of the Lyon County Farm Bureau he is one of the directors of the farmers' store at Emporia, the secretary-treasurer of the Lyon County Sheep Growers' Association, a director of the Lyon County Holstein-Friesian Association, a director of the Emporia Sales Pavilion corporation and he is also a director of the Lyon County Fair.

make entries in the Duroc Jersey futurities at the Kansas State Fair at Hutchinson this fall. Among those who are thinking of doing so are, Leonard Strobel, Hugh Morrison, Otto Bergner and Dean Bailey. Leonard Strobel and Dean Bailey are Pratt County Pig Club members.

Clark Farmers Caponize Cockerels

Caponizing demonstrations are being conducted by R. W. McCall of Clark county. Mr. McCall says the time to caponize young cockerels is when the comb is just beginning to develop and the bird weighs from 1 pound to 2 pounds.

Sweet Clover for Fertilizer

J. F. True, Perry, president of the Jefferson County Farm Bureau, is putting in 100 acres of Sweet clover this year. He plans to plow it under for green manure next fall or pasture it and turn it under next year.

Can't Supply Demand for Sudan

Fourteen farmers inquired at the office of the Lyon County Farm Bureau in one week recently for Sudan grass seed. Cecil L. McFadden, county agent, has helped farmers in that county to obtain 1,200 bushels at 4½ cents a pound. Mr. McFadden states that the supply at this price has been exhausted.

To Summer Fallow Wheat Land

Many farmers in Ford county are starting to fallow now on abandoned wheat ground that it will not pay to harvest, according to Harry C. Baird, county agent. Mr. Baird says that experiments at the Fort Hays Experiment Station show that summer fallowing in that section of the state pays well for the trouble.

Butler County Cattlemen Organize

The Butler County Shorthorn Breeders' Association was organized recently at Eldorado, following a call of County Agent H. S. Wise, of all interested Shorthorn breeders of the county.

W. A. Cochel, a representative of the American Shorthorn Breeders' Association, spoke. Fremont Leidy, of Leon, former state senator from Butler county, was elected president of the association. D. E. Hill, of Eldorado, is secretary-treasurer.

Farmers' Union Meetings

A meeting of the Douglas County Farmers' Union will be held in Lawrence, Thursday, June 8, and an address will be delivered by W. C. Lansdon, state lecturer. The co-operative plan of marketing wheat will be discussed and explained at this meeting.

It is announced that the Pottawatomie County Farmers' Union will meet at Westmoreland, June 10 at 9:30 a. m. W. C. Lansdon, the state lecturer and vice president of the Kansas Farmers' Union, will address the farmers on that occasion.

Other dates for meetings of local units of the Farmers' Union are announced as follows: Ottawa County Farmers' Union at Minneapolis, June 9; Cottonwood Falls, July 4; Weir, July 3 and 4; Cedar Point, July 4.

Co-operative Shipping Pays

The Bloom Co-operative Livestock Shipping Association, organized in Ford county, sent out its first car of cattle recently. The shipment was composed of 26 head of cattle and was consigned to the Farmers' Union Commission Company at Kansas City. Ed Spradlin included a cow in the shipment for which he had been offered \$40. The cow brought \$59.64 after all expenses of shipping were deducted. A. R. Thorpe sold nine head at an average of \$30 apiece. He had been offered \$28 apiece for the seven best animals. Another farmer in the Bloom community had four head that he sold to a local buyer a few days before the car was shipped. He estimates that he lost about \$40 by not including his stock with the shipment. The total cost, including freight, yardage, insurance, commission, expenses of the man who accompanied the shipment and the small amount to go into the sinking fund was 63 cents a hundred.

Greater Profits Thru Cow Testing

Last month closed the first half year's work of the Wyandotte County Cow Testing Association. Members of the association are well pleased with results, according to C. A. Patterson, county agent. More than 30 poor cows have been sold at the stockyards. Two purebred bulls have been purchased.

One member has been given a grade of "A" on his milk and another is equipping his dairy to produce "AA" or certified milk. The highest cow, according to the last monthly report of the association, produced 97.4 pounds of butterfat and 1,024 pounds of milk. She is owned by L. V. Flanagan. Members of the association have received valuable information from their records relative to better feeding. One man reports that he has doubled the production of milk from his cows in the past six months as the result of studying the needs and feeding a balanced ration.

Wheat Growers Elect Officers

L. L. Wilson, of Augusta, was re-elected president of the Kansas Wheat Growers' Association, in annual convention held at Wichita recently. J. M. Riegel, of Great Bend, was re-elected vice president, and Ernest R. Downie, of Burrton, secretary-treasurer.

In addition to the president and vice president; J. E. Hamby, of Hugoton; C. M. Huckstep, of Lewis, and Asa Muir, of Salina, were named members of the executive board.

Resolutions were adopted "reaffirming faith in the 100 per cent pooling of wheat and rededicating the members to the co-operative marketing plan as outlined by Aaron Sapiro."

The Kansas Farmers' Union was endorsed and members of the Kansas Wheat Growers' Association urged to become members of the Union.

Efforts of the Congressional farm bloc in "continuing the United States War Finance Corporation until such time as a farm finance corporation may be established for long-term credit to the producers," were approved.

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, Kan.

A real effort probably will be made in the developing of co-operative organizations on a National scale in American agriculture in the next few years.

Edison Confers With Farm Bloc

Thomas A. Edison, world's greatest inventor, journeyed all the way to Washington recently to lay before the farm bloc his scheme for putting agriculture on its feet with what might be called a warehouse-loan-without-interest plan. For two hours Edison went over his plan with Senator Capper, bloc leader, who suggested Edison put it before a meeting of the bloc. "Fine," said the wizard and at the night session the farm group were gathered together and Mr. Edison went over his plan for another two hours. The bloc enjoyed the visit of the great inventor. That he had been making an intensive study of the farm situation was not known until he came to Washington and there could be no doubt of his great desire to help.

Most of his suggestions already had been considered by the Senate committees, but he had an attentive and appreciative audience. It is a mighty encouraging sign when men like Edison give time and thought to the study of the farmer's economic needs. On page 6 of this issue of the Kansas Farmer and Mail and Breeze will be found a picture of the members of the Senate Agricultural Inquiry Committee to whom Edison explained his farm warehouse storage plan.

In voluntary gifts to Europe since August, 1914, inhabitants of the United States have contributed at least 2 billion dollars.

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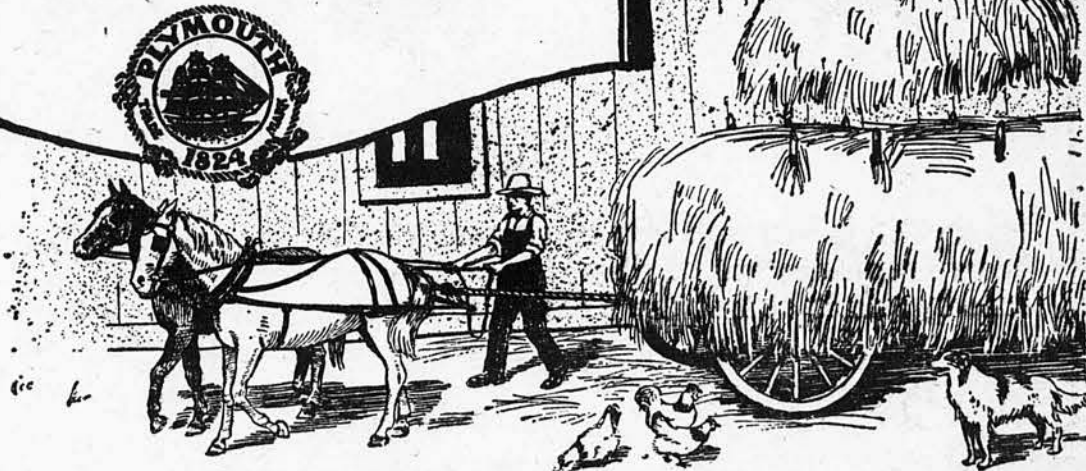
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The booklet "Plymouth Rope for Work and Play" tells how to care for rope to make it last longer, how to use it on the farm, how to build swings, etc., for the youngsters. It is free. Send for it to

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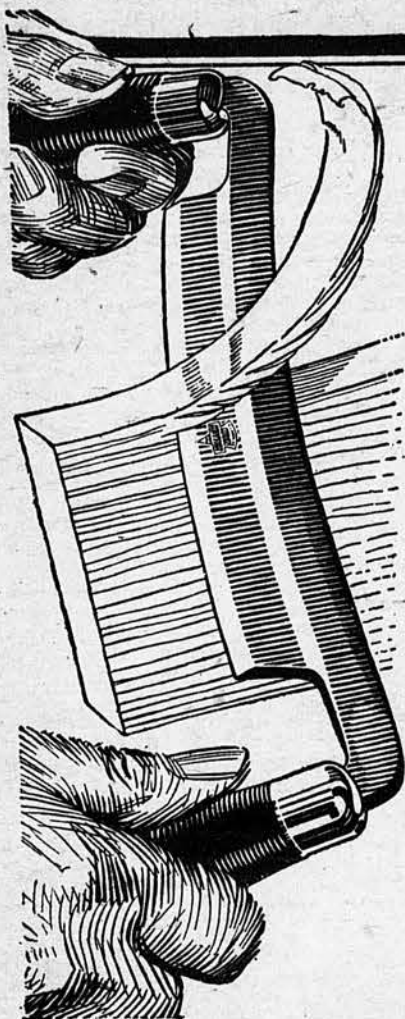
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Alfalfa Facts at Dunlap's

Farm Tests Prove That This Legume Can be Produced Very Profitably in Southeastern Kansas Counties

SO WIDESPREAD is the interest in alfalfa and clover in Eastern Kansas that farmers from six counties, despite unfavorable weather conditions, attended the Alfalfa day demonstration held last week on the farm of A. M. Dunlap near Carlyle in Allen county. Heavy rains in adjoining counties cut down the attendance, perhaps 50 per cent, but approximately 150 persons were present. Farmers came from Allen, Woodson, Coffey, Franklin, Bourbon, Neosho and Anderson counties.

Experimental work with alfalfa participated in by Mr. Dunlap and the Kansas State Agricultural College at Manhattan, thru Prof L. E. Call and H. H. Laude, of the agronomy department, has been in progress since 1914 and has proved conclusively that alfalfa successfully can be grown on the upland of the southeastern part of the state.

There are, however, certain very definite conditions to that assertion, but no one of them entails an expense or a labor outlay that is not more than offset by the results achieved. In fact if every condition is met alfalfa on upland still will be a highly profitable crop in addition to its value in building up the soil.

Alfalfa day was held to demonstrate alfalfa production on upland soil and to show just how it should be treated to obtain maximum results. It revealed that if tested methods are not followed good results with alfalfa cannot be expected.

Lime Increased Alfalfa Yields

Experience of seven years has shown that on most Allen county soils the addition of lime is essential to good alfalfa production. It also was evident that fertilization of alfalfa ground with manure before seeding is important in obtaining a thrifty stand. And thirdly it was shown that the use of acid phosphate on alfalfa is a substitute for manure. This is important because on most farms the amount of manure is limited and it can be used to greater advantage in fertilizing crops other than alfalfa inasmuch as the same results can be obtained from acid phosphate on alfalfa.

The addition of lime is necessary on most soils in this section and can be put on at a profit. The same is true of manure or acid phosphate. Lime increases the value of both manure and acid phosphate but will not replace them. The best results can be obtained by the use of manure when getting a new stand and the substitution of the acid phosphate later.

The ambition of Professor Call is to see 10 acres of alfalfa growing on every farm in Southeastern Kansas and he says that there are very few soils that will not profitably produce this legume if the ground is properly prepared and given correct treatment.

"Four important factors," Professor Call said, "must be considered in this connection: Preparation of the seedbed, inoculation of the soil, the application of lime and the application of fertilizer which will supply the needed plant food."

Seedbed Needs Thoro. Preparation

The Dunlap experiments show that the entire summer should be taken to prepare the seedbed. The ground should be plowed toward the close of the wet season, in May or the early part of June and it should be cultivated to keep down weeds and liberate plant food. The seedbed relatively cannot be gotten too firm. Just enough loose dirt is needed to cover the seed. Best results will follow if the field is rolled to press the soil firmly about the seed. Fifteen to 20 pounds of seed to the acre is sufficient and it should be planted about the middle of August when conditions are favorable. It may be broadcasted and harrowed or drilled in, altho best results usually come from drilling. Inoculation of the soil is vital. This can be done in four ways, by scattering soil from an old alfalfa field, by seeding the same field to alfalfa several times in succession, by scattering alfalfa hay or alfalfa hay manure, or by using a commercial bacterial preparation. Unless alfalfa is inoculated it will not draw nitrogen from the air and the cost of supplying it in the form of fertilizer would be heavy.

Professor Call declared that nearly all the upland in this section is deficient in lime and he urged the application of 2 tons of finely ground limestone to the acre. More than that is not needed, but less than that amount is insufficient.

Without lime tests show that the stand of alfalfa cannot be retained over a long enough period to be profitable. With lime, backed up with manure or acid phosphate, good stands may be maintained for eight years. The experiments tend to show that alfalfa should not be allowed to stand longer than eight years, as the stand gets thinner and it is more profitable to plow it up and use the field in a system of rotation.

It is an interesting fact that the yields of alfalfa on Dunlap farm plots properly handled have been higher than yields on the college agronomy farm on soil that is especially adapted to alfalfa.

A Striking Exhibit

One of the most striking exhibits on the Dunlap farm consisted of two alfalfa fields. The first inspected was given an application of 10 tons of manure to the acre which was plowed under. It was seeded late in August last year and in the spring given an application of 2 tons of lime to the acre. The alfalfa was knee high last week altho it was flattened down by hail 21 days before. The stand was good except where heavy rains had washed seed away and left bare spots.

The second field nearby was seeded five years ago. It was manured at the same rate but got no lime. It is full of grass and weeds and contains many bare spots. It needs lime. Test plots under similar treatment show identical results. Where lime was used with manure a good stand remains in the eighth year.

The experimental plots are on land which is very flat and on which it would be most difficult to get a stand of alfalfa. Where lime alone was used the alfalfa is being crowded out by grasses. The plot getting manure and lime has yielded 2,400 pounds more an acre than where lime alone was used. Where acid phosphate was used with lime the average acre yield has been 6,243 pounds for seven years, which is just about the same as where lime and manure were used. Alfalfa without lime or fertilizer killed out completely within six years, as did alfalfa with manure but no lime.

What the Tests Show

On a plot given 10 tons of manure and 2 tons of limestone in 1914, the acre yields in successive years have been, 1915, 3,238 pounds, 4,545, 9,134, 4,388, 6,701, 9,150, 5,754, an average of 6,130 pounds. On a plot given 250 pounds of acid phosphate annually and 2 tons of lime in 1914, the corresponding yields have been, 2,013 pounds; 3,565; 8,727; 6,032; 7,181; 11,025; 4,859. This makes an average of 6,200 pounds. The difference in average yield on these two plots is only 70 pounds an acre.

These tests show that the addition of lime not only aids in growth and development but insures the retention of the stand and that without lime a stand of alfalfa cannot long be maintained.

Professor Call was swamped with questions asked by farmers present at the demonstration which indicated the widespread interest in alfalfa production in Southeast Kansas. The crowd made a detailed inspection of the fields and plots which were explained by Professor Call, Mr. Dunlap and Mr. Laude.

Free Fair Premium Books Out

The premium books of the Kansas Free Fair at Topeka, giving information about many new features for 1922, are off the press and may be obtained by writing to Phil Eastman, secretary, the Kansas Free Fair, Topeka, Kan.

An animal is a composite of all his ancestors. Give him at least half a chance by raising him from a registered sire.

Mobilization and maintenance of the Swiss army during the World War cost 1,200,000,000 francs.

The Indian Drum

(Continued from Page 8)

nounced now. So the days drifted into December and winter again.

The lake, beating against the esplanade across the Drive before Constance's windows, had changed its color; it had no longer its autumn blue and silver; it was gray, sluggish, with floating needle-points of ice held in solution. The floe had not yet begun to form, but the piers and breakwaters had white ice caps frozen from spray—harbingers of the closing of navigation. The summer boats, those of Corvet, Sherrill and Spearman with the rest, were being tied up. The birds were gone; only the gulls remained—gray, clamorous shapes circling and calling to one another across the water. Early in December the newspapers announced the closing of the locks at the "Soo" by the ice.

That she had not heard from Alan was beginning to recur to Constance with strange insistence. He must have left the boats by now, unless he had found work on one of those few which ran thru the winter.

He and his occupation, instead of slipping from her thoughts with time, absorbed her more and more. Soon after he had gone to Manitowoc and he had written that he had discovered nothing, she had gone to the office of the Petoskey paper and, looking back over the twenty-year-old files, she had read the account of the loss of the Miwaka, with all on board. That fate was modified only by the Indian Drum beating short. So one man from the Miwaka had been saved somehow, many believed. If that could have been, there was, or there had been, some one alive after the ship "disappeared"—Alan's word went thru her with a chill—who knew what had happened to the ship and who knew of the fate of his shipmates.

She had gone over the names again; if there was meaning in the Drum, who was the man who had been saved and visited that fate on Benjamin Corvet? Was it Luke? There was no Luke named among the crew; but such men often went by many names. If Luke had been among the crew of the Miwaka and had brought from that lost ship something which threatened Uncle Benny that, at least, explained Luke.

Then another idea had seized her. Captain Caleb Stafford was named among the lost of course; with him had perished his son, a boy of three. That was all that was said, and all that was to be learned of him, the boy.

Alan had been three then. This was wild, crazy speculation. The ship was lost with all hands; only the Drum, believed in by the superstitious and the most ignorant, denied that. The Drum said that one soul had been saved. How could a child of three have been saved when strong men, to the last one, had perished? And, if he had been saved, he was Stafford's son. Why should Uncle Benny have sent him away and cared for him and then sent for him and, himself disappearing, leave all he had to—Stafford's son?

Was He Stafford's Son

Or was he Stafford's son? Her thought went back to the things which had been sent—the things from a man's pockets with a wedding ring among them. She had believed that the ring cleared the mother's name; might it in reality only more involve it? Why had it come back like this to the man by whom, perhaps, it had been given? Henry's words came again and again to Constance: "It's a queer concern you've got for Ben. Leave it alone, I tell you!" He knew then something about Uncle Benny which might have brought on some terrible thing which Henry did not know but might guess? Constance went weak within. Uncle Benny's wife had left him, she remembered. Was it better, after all, to "leave it alone?"

But it wasn't a thing which one could command one's mind to leave alone; and Constance could not make herself try to, so long as it concerned Alan. Coming home late one afternoon toward the middle of December, she dismissed the motor and stood gazing at the gulls. The day was chill, gray; the air had the feel, and the voices of the gulls had the sound to her, which precede the coming of a severe storm. The gulls recalled sharply to her the

day when Alan first had come to them, and how she had been the one first to meet him and the child verse which had told him that he too was of the lakes.

She went on into the house. A telegraph envelope addressed to her father was on the table in the hall. A servant told her the message had come an hour before, and that he had telephoned to Mr. Sherrill's office, but Mr. Sherrill was not in. There was no reason for her thinking that the message might be from Alan except his presence in her thoughts, but she went at once to the telephone and called her father. He was in now, and he directed her to open the message and read it to him.

"Have some one," she read aloud; she choked in her excitement at what came next—"Have some one who knew Mr. Corvet well enough to recognize him, even if greatly changed, meet Car-ferry Number 25 Manitowoc Wednesday this week. Alan Conrad."

Her heart was beating fast. "Are you there?" she said into the phone.

"Yes."

"Whom shall you send?"

There was an instant's silence. "I shall go myself," her father answered.

She hung up the receiver. Had Alan found Uncle Benny? He had found, apparently, someone whose resemblance to the picture she had showed him was marked enough to make him believe that person might be Benjamin Corvet; or he had heard of some one who, from the account he had received, he thought

might be. She read again the words of the telegram. "Even if greatly changed!" and she felt startling and terrifying warning in that phrase.

It was in late November and while the coal carrier Pontiac, on which he was serving as lookout, was in Lake Superior that Alan first heard of Jim Burr. The name spoken among some other names in casual conversation by a member of the crew, stirred and excited him; the name James Burr, occurring on Benjamin Corvet's list, had borne opposite it the legend "All disappeared; no trace," and Alan, whose investigations had accounted for all others whom the list contained, had been able regarding Burr only to verify the fact that at the address given no one of this name was to be found.

Old Burr of the Ferry

He questioned the oiler who had mentioned Burr. The man had met Burr one night in Manitowoc with other men, and something about the old man had impressed both his name and image on him; he knew no more than that. At Manitowoc!—the place from which Captain Stafford's watch had been sent to Constance Sherrill and where Alan had sought for, but had failed to find, the sender! Had Alan stumbled by chance upon the one whom Benjamin Corvet had been unable to trace? Had Corvet, after his disappearance, found Burr? Had Burr been the sender under Corvet's direction, of those things? Alan speculated

upon this. The man might well, of course, be some other Jim Burr; there probably were many men by that name. Yet the James Burr of Corvet's list must have been such a one as the oiler described—a white haired old man.

Alan could not leave the Pontiac and go at once to Manitowoc to seek for Burr; for he was needed where he was. The season of navigation on Lake Superior was near its close. In Duluth skippers were clamoring for cargoes; ships were lading in haste for a last trip before ice closed the lake's outlet at the Soo against all ships. It was fully a week later and after the Pontiac had been laden again and had repassed the length of Lake Superior that Alan left the vessel at Sault Ste. Marie and took the train for Manitowoc.

The little lake port of Manitowoc, which he reached in the late afternoon, was turbulent with the lake season's approaching close. Long lines of bulk freighters, loaded and tied up to wait for spring, filled the river; their released crews rioted thru the town. Alan inquired for the seamen's drinking place, where his informant had met Jim Burr; following the directions he received he made his way along the river bank until he found it. The place was neat, immaculate; a score of lake-men sat talking at little tables or leaned against the bar. Alan inquired of the proprietor for Jim Burr.

The proprietor knew old Jim Burr—yes. Burr was a wheelsman on Car-



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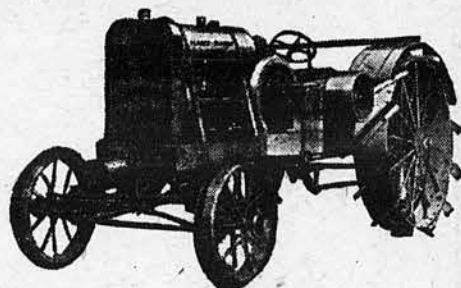
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ferry Number 25. He was a lakeman, experienced and capable; that fact, some months before, had served as introduction for him to the frequenters of this place. When the ferry was in harbor and his duties left him idle, Burr came up and waited there, occupying always the same chair. He never drank; he never spoke to others unless they spoke first to him, but then he talked freely about old days on the lakes, about ships which had been lost and about men long dead.

Alan decided that there could be no better place to interview old Burr than here; he waited therefore, and in the early evening the old man came in.

Alan watched him curiously as, without speaking to any one, he went to the chair recognized as his and sat down. He was a slender but muscularly built man seeming about sixty-five, but he might be considerably younger or older than that. His hair was completely white; his nose was thin and sensitive; his face was smoothly placid, emotionless, contented; his eyes were queerly clouded, deepset and intent.

Those whose names Alan had found on Corvet's list had been of all ages, young and old; but Burr might well have been a contemporary of Corvet on the lakes. Alan moved over and took a seat beside the old man.

"You're from No. 25?" he asked, to draw him into conversation.

"Yes."

"I've been working on the carrier Pontiac as lookout. She's on her way to tie up at Cleveland, so I left her and came on here. You don't know whether there's a chance for me to get a place thru the winter on No. 25?"

Old Burr reflected. "One of our boys has been talking of leaving. I don't know when he expects to go. You might ask."

"Thank you; I will. My name's Conrad—Alan Conrad."

He saw no recognition of the name in Burr's reception of it; but he had not expected that. None of those on Benjamin Corvet's list had had any knowledge of Alan Conrad or had heard the name before.

Alan was silent, watching the old

man; Burr, silent too, seemed listening to the conversation which came to them from the tables near by, where men were talking of cargoes, and of ships and of men who worked and sailed upon them.

"How long have you been on the lakes?" Alan inquired.

Remember the Miwaka?

"All my life." The question awakened reminiscence in the old man. "My father had a farm. I didn't like farming. The schooners—they were almost all schooners in those days—came in to load with lumber. When I was nine years old, I ran away and got on board a schooner. I've been at it, sail or steam, ever since."

"Do you remember the Miwaka?"

"The Miwaka?"

Old Burr turned abruptly and studied Alan with a slow scrutiny which seemed to look him thru and thru; yet while his eyes remained fixed on Alan suddenly they grew blank. He was not thinking now of Alan, but had turned his thoughts within himself.

"I remember her—yes. She was lost in '95," he said. "In '95," he repeated.

"You lost a nephew with her, didn't you?"

"A nephew—no. That is a mistake. I lost a brother."

"Where were you living then?"

"In Emmet county, Michigan."

"When did you move to Point Corbay, Ontario?"

"I never lived at Point Corbay."

"Did any of your family live there?"

"No." Old Burr looked away from Alan, and the queer cloudiness of his eyes became more evident.

"Why do you ask all this?" he said irritably. "What have they been telling you about me? I told you about myself; our farm was in Emmet county, but we had a liking for the lake. One of my brothers was lost in '95 with the Miwaka and another in '99 with the Susan Hart."

"Did you know Benjamin Corvet?" Alan asked.

Old Burr stared at him, uncertainly. "I know who he is, of course."

"You never met him?"

"No."

"Did you receive a communication from him some time this year?"

"From him? From Benjamin Corvet? No." Old Burr's uneasiness seemed to increase. "What sort of communication?"

"A request to send some things to Miss Constance Sherrill at Harbor Point."

"I never heard of Miss Constance Sherrill. To send what things?"

"Several things—among them a watch which had belonged to Captain Stafford of the Miwaka."

Old Burr got up suddenly and stood gazing down at Alan. "A watch of Captain Stafford's?—no," he said agitatedly. "No!"

He moved away and left the place; and Alan sprang up and followed him.

He was not, it seemed probable to Alan now, the James Burr of Corvet's list; at least Alan could not see how he could be that one. Among the names of the crew of the Miwaka Alan had found that of a Frank Burr, and his inquiries had informed him that this man was a nephew of the James Burr who had lived near Port Corbay and had "disappeared" with all his family.

Old Burr had not lived at Port Corbay—at least, he claimed not to have lived there; he gave another address and assigned to himself quite different connections. For every member of the crew of the Miwaka there had been a corresponding, but different name upon Corvet's list—the name of a close relative. If old Burr was not related to the Burr on Corvet's list, what connection could he have with the Miwaka, and why should Alan's questions have agitated him so? Alan would not lose sight of old Burr until he had learned the reason for that.

A Long Black Boat

He followed, as the old man crossed the bridge and turned to his left among the buildings on the river front. Burr's figure, vague in the dusk, crossed the railroad yards and made its way to where a huge black bulk, which Alan recognized as the ferry, loomed at the waterside. He disappeared aboard it. Alan, following him, gazed about.

A long, broad, black boat the ferry

was, almost four hundred feet to the tall, bluff bow. Seen from the stern, the ship seemed only an unusually rugged and powerful steam freighter; viewed from the beam, the vessel appeared slightly short for its freeboard: only when observed from the stern did its distinguishing peculiarity become plain; for a few feet only above the water line, the stern was all cut away, and the long, low cavern of the deck gleamed with rails upon which the electric lights glistened. Save for the supports of the superstructure and where the funnels and ventilator pipes passed up from below; that whole strata of the ship was a vast car shed; its tracks, running to the edge of the stern, touched tracks on the dock. A freight engine was backing loaded cars from a train of sixteen cars upon the rails on the starboard side; another train of sixteen big box cars waited to go aboard on the tracks to the port of the center stanchions. When the two trains were aboard, the great vessel—"No. 25," in big white stencil upon her black sides were her distinguishing marks—would thrust out into the ice and gale for the Michigan shore nearly eighty miles away.

Alan thrilled a little at his inspection of the ferry. He had not seen close at hand before one of these great craft which, thruout the winter, brave ice and storm after all—or nearly all—other lake boats are tied up. He had not meant to apply there when he questioned old Burr about a berth on the ferry; he had used that merely as a means of getting into conversation with the old man. But now he meant to apply; for it would enable him to find out more about old Burr.

He went forward between the tracks upon the deck to the companionway, and ascended and found the skipper and presented his credentials. No berth on the ferry was vacant yet but one soon would be, and Alan was accepted in lieu of the man who was about to leave; his wages would not begin until the other man left, but in the meantime he could remain aboard the ferry if he wished. Alan elected to remain aboard. The skipper called a man to assign quarters to Alan, and Alan, going with the man, questioned him about Burr.

All that was known definitely about old Burr on the ferry, it appeared, was that he had joined the vessel in the early spring. Before that—they did not know; he might be an old lakeman who, after spending years ashore, had returned to the lakes for a livelihood. He had represented himself as experienced and trained upon the lakes, and he had been able to demonstrate his fitness; despite his age he was one of the most capable of the crew.

The next morning, Alan approached old Burr in the crew's quarters and tried to draw him into conversation again about himself; but Burr only stared at him with his intent and oddly introspective eyes and would not talk upon this subject. A week passed; Alan, established as a lookout now on No. 25 and carrying on his duties, saw Burr daily and almost every hour; his watch coincided with Burr's watch at the wheel—they went on duty and were relieved together. Yet better acquaintance did not make the old man more communicative; a score of times Alan attempted to get him to tell more about himself, but he evaded Alan's questions and, if Alan persisted, he avoided him. Then, on an evening bitter cold with the coming of winter, clear and filled with stars, Alan, just relieved from watch, stood by the pilothouse as Burr also was relieved. The old man paused beside him, looking to the west.

"Have you ever been in Sturgeon's Bay?" he asked.

"In Wisconsin? No."

"There is a small house there—and a child; born," he seemed figuring the date, "Feb. 12, 1914."

"A relative of yours?"

"Yes."

"One of your brothers' children or grandchildren?"

"I had no brothers," old Burr said quietly.

(TO BE CONTINUED.)

Our Best Three Offers

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

Great Britain has ambassadors in 27 foreign countries.

Do You Want Duty-Free POTASH?

Recently a United States Senator, who is actively engaged in trying to defeat the "joker" in the Free List which puts a 100 per cent duty on agricultural Potash, asked why the farmers were not represented at the hearings before the Senate Finance Committee when the subject was under consideration. A man, who attended these hearings, called the Senator's attention to the fact that three owners of farms had appeared, representing New Jersey, Missouri and Indiana; that the New Jersey Federation of County Boards of Agriculture, and the Representative of the New Jersey State Grange appeared; that the Representative of the National Grange made a statement; that the National Farm Bureau Federation and the Representative of the National Bureau of Farm Organizations had been actively working for free Potash, and that the Washington Representatives of these Agricultural Organizations represented millions of real farmers, who paid good money to belong to these organizations and to support their representation in Washington, upon whom they depended to look after legislation affecting farmers' interests.

Later on it developed that other Senators had this same thought—that the farmers were not asking that Potash remain on the Free List. There can be no question that all farmers most strongly object to paying two dollars for a dollar's worth of Potash.

Ten people, representing farmers, fertilizer manufacturers, producers of imported potash, and former producers of American potash, appeared before the Senate Finance Committee, or filed briefs on the subject.

Of these, nine asked that Potash remain on the Free List and one asked for the duty.

Why then have the Senators come to believe that farmers are indifferent about the matter?

The explanation is to be found in the fact that

the "United States Potash Producers' Association" maintains in Washington an organization which is very active in urging a duty on the farmers' Potash. At the hearing their propagandist shouted: "Where was the American farmer yesterday? Where was the farmer of the South, who uses more Potash than any other farmer in the country? . . . Where was the American Farm Bureau Federation, which has its offices in Washington? Where was the National Bureau of Farm Organizations, representing thousands of farmers?"

This was clear bluff, for these organizations were represented and they have taken their stand squarely for Free Potash.

But the bluff, constantly repeated, seems to have made an impression that will be costly to the consumers of Potash, unless immediate steps are taken to show the Senators that farmers are very much in earnest about the matter. The farmers' representatives in Washington must be supported by the farmers at home.

The only effective way to do this is for farmers to write to both of their United States Senators at Washington, urging them to see that the "joker" at the end of Paragraph 1635 be struck out and that Potash used in fertilizers remain on the Free List, where it always has been.

The Senate is now considering the Tariff Bill. Write your Senators today.

During the time when foreign Potash could not be obtained, Potash sold at more than ten times the prewar or the present prices. Then the American producers, some of whom are called the "Borax Brigade", had the opportunity of profiteering to the limit, and of selling at very high prices Potash of an inferior, and sometimes injurious kind.

Now they ask for "protection" in the form of one of the most excessive duties in the whole Tariff Act. Unless the farmers act promptly, they are likely to get it.

SOIL AND CROP SERVICE, POTASH SYNDICATE

H. A. HUSTON, Manager

42 Broadway

New York

With The Power Farmers

BY FRANK A. MECKEL

THE man who knows he must buy new binder canvas this year should be getting his order in, or he may be left out completely at harvest time. Everyone else wants binder canvas at about the same time. Your dealer will be glad to take your order now for delivery next month.

Buy Machinery in Time

Much of the same thing might be said concerning mower sickles, binder sickles, rake teeth, cultivator shovels, binder twine and any other items that are required on the farm machinery. Have the stuff when you need it, and you will avoid delays. Have it before you need it, and you will absolutely insure against delays.

President Howard of the Farm Bureau Federation once said that a farmer pays for a machine that he needs, whether he buys that machine or not, and Howard knows what he is talking about. If you need a machine, you need it because of its utility, despite the fact that you may think it is priced too high. You pay either way. Better have it.

Combination Thresher and Straw Baler

The J. I. Case Threshing Machine Co. has found a man who hooks his baler to his thresher and drives it from the fan shaft of the thresher. He is able to thresh and blow the straw into the baler and bale it all at one operation.

We doubt whether this would work to good advantage in the case of the large threshers with wheat straw, but for such a crop as cowpeas, the hay can be baled to splendid advantage with a baler attached to the thresher which is hulling out the peas. That might be called killing two birds with one stone. Little power is required to operate the baler.

A New Header-Thresher

No doubt many Kansas folks will have a chance to watch the new Avery header-thresher at work this season. This is a new machine which consists of a small thresher mounting its own gasoline power plant. It is run under the header elevator and the headed grain is dumped into the thresher instead of into a barge. It moves right along with the header, threshing the grain and scattering the straw back on the ground. It can also be used for stationary threshing of all small grains.

More Tractors This Year

The unemployment squeal will soon be without ground in Kansas, judging from the looks of the wheat fields in many sections of the state. There will soon be plenty of work for all.

There will be more tractors in use in the harvest fields this year than there were last year according to the reports from many tractor and implement dealers. While the price of horseflesh and feed is still low, nevertheless, it has been proved that the "iron horses" can get out in the heat of the harvest day and work up to full capacity without a change of teams at noon. One of the big features of the tractor is its ability to work better as it gets hot.

Cultivation of Corn Important

BY P. G. HOLDEN

Frequent cultivation of corn early in the season is important. It may be deep and should be level. Late cultivation should always be shallow. We must not forget that deep cultivation early in the season saves the moisture and frequent cultivation kills the weeds.

There is no danger of injuring the corn roots by cultivating deep the first time. It pays to go deep enough to secure a good mulch. This conserves the moisture—keeps it stored in the soil and makes it available during the hot, dry days of July or August.

The best time to kill weeds is before they come up. The sooner they are killed the better it will be as they use up moisture and plant food that will be needed by the corn. Every care should be taken to see that the young

corn is not stunted as it never fully recovers.

Blind cultivation of corn is an excellent practice. Blind cultivation is cultivating the corn before it comes up, by following the planter marks and throwing the dirt away from the rows. This should be followed by a harrow in the same direction in a day or two. This conserves moisture, kills weeds; keeps the ground from getting hard and cracked.

As the corn grows its roots spread out just below the surface of the ground like the limbs of a tree. For this reason later cultivation should be no deeper than is necessary to keep the corn clean. Deep cultivation is sure to injure the roots—perhaps cut them off. This impairs or stops the growth of the corn and reduces the yield.

Our Junk-Burdened Mails

Altho parcel post matter now constitutes 60 per cent of the entire weight of the mails an increase in rates may be put upon it to wipe out the 100 million annual deficit of

the Postoffice Department. If we may suggest to the new Postmaster General a quick way to make up the shortage, it would be that he double the postal rate on the wagonload of publicity junk sent daily thru the mails to the desk of every editor.

The effect would be good in two ways. It would prove to the editors that the Government was on its job and it would relieve editors and janitors of handling so much waste basket material. Unless something of this sort is done a bill in Congress for the relief of over-junked editors may soon become necessary.

City Folks With Bloc

From Seattle Times.

The agricultural bloc in the Senate has announced its program. There is nothing terrifying, nothing particularly revolutionary in it. Senator Capper, Republican, of Kansas, thus identifies the purposes of the organization of which he is the head: Legislation providing long-term loans for farmers, reduction of railroad rates, adequate tariff protection for agricultural products, representation for farmers on the Federal Reserve Board, restoration of state control over state railroad rates, laws branding fabrics with amount of wool or cotton contained, and development of Muscle Shoals as a fertilizer producer.

City folks will have no difficulty in lining up behind the Capper pro-

gram. If the farm bloc follows his leadership along such sane, constructive lines, it probably will get all it asks without much difficulty.

More Wheat in 1923

Better wheat and more of it can be produced next year if the problem is attacked vigorously this season. Larger yields from a smaller planting is the ideal; the acreage of this grain in Kansas has always been too large, except during the war. Deep, early plowed seedbeds, good seed and careful planting after the Hessian fly-free date are all important. It may pay to disk ahead of the plow, especially if the acreage is large. If we apply the real principles of wheat growing which all farmers know it will be possible to increase greatly the average wheat yield in this state, which now is at the disgracefully low point of 14.3 bushels.

Soils Need Green Manure

Many of the poorer soils can be improved by plowing under a green manure crop. The Government has recently collected the available information in regard to the practice into a Farmers Bulletin, No. 1250, on Green Manuring, which may be obtained free on application to the United States Department of Agriculture, Washington, D. C. Every man interested in soil improvement ought to have a copy. Why not send for yours today?



They all say "Cletrac is built for the harvest grind"

FROM every state in the Union where wheat is raised we have hundreds of endorsements testifying to Cletrac's reliability—its endurance—its faithful speed at harvest time.

Many big growers use Cletracs exclusively for harvest work. They know that Cletrac is *built* for the harvest grind.

Cletrac speeds the cutting—handles two binders or a combine easily—cuts square corners—works close to fences. It holds its pace day after day—24 hours at a stretch if need be in order to get the ripe grain before it sags or shells. Its two broad crawler tracks give it a sure footing no matter what the condition of the soil or the "lay" of the land.

Cletrac owners in this and in 65 foreign countries will tell you that if you don't want to take chances—*use Cletrac*. Its year-round utility, plus its ability to put work through on time at less cost is the reason for more Cletracs in use today than any other type of crawler tractor.

Send for a copy of "Selecting Your Tractor"—it gives the whole interesting Cletrac story. Don't take chances. Write now.

THE CLEVELAND TRACTOR CO.

Largest Producers of Crawler Tractors in the World

19045 Euclid Avenue

Cleveland, Ohio

THE L. L. HULLET TRACTOR CO.
2003 Grand Avenue
Kansas City, Mo.



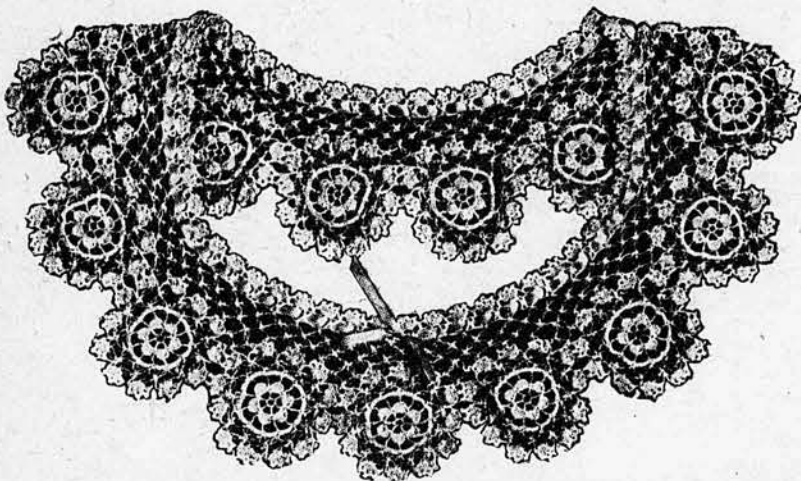
The New Model F

SEND for information regarding the New Model F Cletrac—the tractor that does all farm jobs including the cultivation of all row crops.

Agricultural authorities, engineers, farmers from all over the country have pronounced it the most remarkable invention since the crawler tractor. Plows 6 to 8 acres a day—speeds up other farm work in addition. 9 h. p. at the drawbar; 16 h. p. at the belt. Chrome steel construction. No oil or grease cups. Price, \$595 complete f. o. b. factory.

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—



IF YOU are planning to do some crocheting this summer you will find our fancywork book No. 5-P helpful. There are 14 round and square yokes illustrated, and complete directions are given for making every one. Address Fancywork Department, The Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents.—Advertisement.

Sunset

O sunset, with thy fading gleams
So full of soft and tender light,
Thou bring'st to all the pleasant dreams
Of quiet peace and rest of night.

When'er I feel thy touch of rest
Upon my tired and weary brow,
The cares depart and I am blest
With thine own power as I am now.

O holy, blessed power of thine,
So draped in all its mystery,
It is to me the most divine
Of all the day. O! stay with me!

Yet stay and lend to me thy charm,
That stirs my soul as some grand tune,
And like a strong and gentle arm
Protects and soothes. Ah, gone so soon!

And brought to close this perfect day,
So grand in all its brilliancy;
Whose life is done, which fades away
Renowned, to its eternity.

And such, O life, is thy career;
A lengthy day, a weary way;
And then the last comes stealing near,
And bears away our light of day.
—Selected.

Labels Save Confusion

During the summer months, the storage of garden products for winter use is a prominent question with the housewife, for it is at this time that she has to think, not only of the means of preservation but the space available for storing the products to be kept for future use.

Confusion and time are saved if the storage shelves are labeled as well as the individual jars. For instance, in front of the space where tomatoes are stored label in plain lettering on the shelf, either by means of a label pasted or tacked on the shelf or by painting on the board, the word "tomatoes."

The jars or can should be clean and free from dust. These, too, should be plainly labeled. Little homemade labels can be used, or the convenient commercial labels that are uniform in size and already prepared to adhere to the jar.

Massaging Prevents Wrinkles

By patting the cheeks and around the eyes each day one can prevent wrinkles appearing at the corners of the eyes. Pat gently with the tips of the fingers and then rub on a good skin food. When ready to put on powder wipe the surplus cream off with a soft cloth.

Nature Relaxes Tired Nerves

Sometimes I run away. Do you? Oh, no, I don't go far, and no one gets alarmed and sends searching parties out after me. But sometimes a day has been terribly trying, everything has gone topsy-turvy, the children—by radio waves, I guess—have contracted my nervousness and have been cross and irritable. Everywhere I go, everywhere I look, I see things to be done until my head spins.

And then it is I plan to run away, and immediately I feel better. I work as rapidly as possible toward bedtime for the children, and when they are off, I throw a wrap over my shoulders and slip out of the door.

Sometimes it is moonlight, sometimes pitchy blackness, and sometimes rain has been falling, but the weather matters not in the least. The one big urge is to run away from the house into the open. Sometimes I'll sit on a ragged tree-stump, thinking nothing, just idly watching the moon sail by, or sometimes lean against a tree just listening to the night-sounds. I find a sheltered spot and there am lulled by the raindrops' patter.

Eager for Next Day's Work

Nature needs no "picking up," no cleaning up, no darning, no mending. Nature is calm and peaceful and soothing. Under her influence, my tired nerves relax until my whole body is refreshed and rested, and the cobwebs have been swept from my brain. I can see things straight again—my perspective is no longer distorted. I can be patient and calm and kindly; I can go to bed and to sleep and awake in the morning fresh and eager for the day.

We live too much in houses, too little in the great out-doors. Work within doors is unnatural work; it makes of us unnatural people. We need to run away from it all sometimes, and make a fresh start for ourselves.

Margaret A. Bartlett.

News from the Y. M. Club

Two years ago, 10 women organized what is called the Y. M.—young mothers—club. It happened that town and country women were equally represented when the club was organized. Officers were elected, and a set of rules which are called the constitution and bylaws were adopted. A committee makes an outline of topics for roll call and discussion and each member is given a copy.

Rough Roads No Barrier

Altho the weather had been treacherous, the day set for the April meeting of the Y. M. club was warm and bright. Despite rough roads, six of the 10 members were at Margaret's country home when Mrs. President opened the meeting.

"Roll call is to be answered by giving some household hint you have tried and proved true," she said. First Mary responded, "If your white summer clothes are yellow from being stored, a teaspoon of borax in the boiling suds will make them snowy white again."

When Betty was called upon, she said that she had an excellent method of keeping covers on Betty Lou at night. "I use a pair of hose support-

ers, tying one to each corner of the head of her crib, and fastening them to the blanket like stockings. There are no pins to tear the bedding and it holds securely."

Then Alice complained that her caramel icing curdled in cooking and asked for help. Elsie always melted the butter first, then added brown sugar, then granulated, and finally milk. Hers never curdled. Mrs. President used Alice's recipe, but added 1 tablespoon of white sirup and hers never curdled.

Literary Activities Discussed

Mrs. President then advised that we discuss some attempt at literary activity, either study or reading. Members suggested several ideas to be thought over and decided upon. One thought we might get books from the traveling library, and offer them to the community as well as to the club members. Another suggestion was that each member give one of her own books as a start for a club library. Still another idea was to use club funds to purchase some good book to be read by each member in turn, and then placed in the club library.

Marion County. Betty Baker.

The Signal to Stop Blooming

Pansies and sweet peas will give more blooms if you will use them as they come without permitting them to fade on the plant. The ripening of seeds will be the signal to stop blooming. It is difficult to find the seed pods if they are allowed to form, but it

over, a filled ice chamber makes a cool refrigerator.

The air about the ice is chilled. Since cold air is heavy, it falls to the lower shelf. When it comes in contact with the food, it becomes warmer and lighter. It rises to the other shelves and then passes into the ice chamber,

Good Thoughts are Company

"When one is entirely alone and his mind flits from one amiable thought to another, the deep and serene pleasantness of the sensation is indescribable. He who can be happy enjoying the wonders of nature and losing himself in his own thoughts may consider that he is endowed with one of the greatest gifts of the gods, for the habit of forgetting oneself means happiness and leads to unselfish service to the world."

where it is cooled again. This circulation of cold and warm air keeps the contents of the refrigerator cool.

Since butter, milk, cream and meat require a low temperature, they are placed in the coldest part of the refrigerator, the lowest shelves. Bananas, cheese and other strong flavored foods are kept on the top shelf. Then their strong odors are carried by the air into the ice chamber and then out the drain pipe.

Wrapping the ice in a blanket or



SALMON loaf solves the meat problem for either dinner or supper. I use 1 cup of cracker crumbs, 2 cups of salmon, 2 cups of thick white sauce, 2 tablespoons of lemon juice, ½ teaspoon of salt, ¼ teaspoon of cayenne pepper, and 2 eggs.

The seasoning is added to the white sauce, and the cracker crumbs to the salmon which has been freed of bone and bits of dark skin. Add the eggs slightly beaten. The whole is put into buttered molds and steamed 1 hour. I generally serve it with a tomato sauce.

Cherokee County.

Mrs. I. M.

is easy to find the flowers in bloom.

If we will pick all blooms we never will have any pods to form. It is especially difficult to discover pansy seed pods for the seeds scatter as soon as ripened. Even the freshly opened blooms are many times below the leaves, and a close search is the only way to prevent seed forming.

Bertha Alzada.

Keeping the Current Cool

If the refrigerator is to be efficient in keeping foods from spoiling during warm weather, it must be kept cool, clean and dry.

The coolness is provided by ice. If the ice chamber is kept well filled from day to day, less ice is used than when one piece is allowed to melt a great deal before another one is added. More-

paper prevents the warm air from being chilled easily and greatly interferes with refrigeration.

If the refrigerator is not kept dry, foods in it spoil easily. Molds and bacteria grow readily in a moist atmosphere. Every time water, milk or anything is spilled on the shelves, it should be wiped up at once with a cloth.

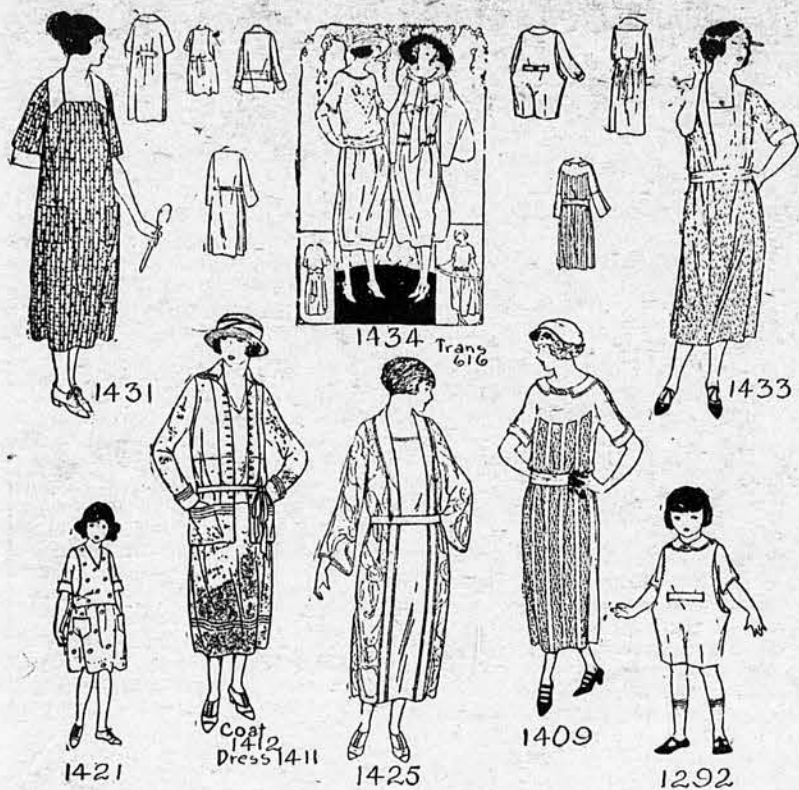
Cool water is used in washing a refrigerator for the steam of the hot water condenses on the walls and makes the air moist for several days. By adding a little baking soda to the water, wringing a soft cloth from the solution and wiping the shelves and walls of the refrigerator once a week, it is kept clean. The surface is always dried with a soft cloth after being washed. The drain pipe is taken out, washed and scalded.

Mrs. Rose Winter.

Designed for General Wear

Tunic Becomes Cape When Wrap is Needed

BY MRS. HELEN LEE CRAIG



1431—Women's Apron. The housewife always appreciates an apron that is designed to protect the entire garment underneath. Sizes 36, 40, 44 and 48 inches bust measure.

1434—Women's and Misses' Dress. The first illustration shows the dress worn with an apron-like tunic shirred on a sash which ties at the back. The second illustration shows the same tunic worn as a cape. Sizes 16 years, and 36, 38, 40 and 42 inches bust measure. Transfer pattern No. 616 is 15 cents extra.

1433—Women's and Misses' Dress. A most interesting possibility for a summer dress has the new square neckline. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1421—Misses' and Girl's Apron Dress. For play wear in the mornings during vacation, no better dress than this could be found. Sizes 8, 10, 12, 14 and 16 years.

1412—Women's and Misses' Coat. No wardrobe is complete without a good looking tailor like the one illustrated.

Sizes 16 and 18 years and 36, 38 and 40 inches bust measure.

1411—Women's and Misses' Dress. This simple little dress consists of a blouse and a straight, gathered skirt. Sizes 16 and 18 year and 36, 38 and 40 inches bust measure.

1425—Stout Women's Dress. Stout women have discovered that the well-fitted dress is not as satisfactory as the semi-fitted frock. Sizes 42, 44, 46, 48, 50 and 52 inches bust measure.

1409—Women's and Misses' Dress. The chief attraction of this dress is that it is all in one piece. Sizes 16 and 18 years and 36, 38 and 40 inches bust measure.

1292—Boys' Suit. A novel pattern for a little boy's suit is shown consisting of trousers in slip-on, overall style and a separate waist. Sizes 2, 4 and 6 years.

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

Sterilizing Glass Jars

How long should glass jars be sterilized?—Mrs. R. S.

Wash the jars and lids, cover them with cold water and set the pan on the stove. Bring the water to the boiling point. Boil 15 minutes. The jars should remain in the hot water until they are wanted.

Removing Tar Stains

How can tar stains be removed?—Mrs. V. H.

If the material is dark and not washable rub turpentine into the tar and then dip in benzine. For wash material, cover the tar stain with lard. Let it remain for several hours then wash it in warm water. Olive oil may be used on dress goods. White soap and tepid water should be used for washing.

Metal Bristles Injure Scalp

Are brushes with metal bristles all right to use on the hair?—C. G.

Brushes with metal bristles may injure the scalp. Because they pass thru the hair so easily they need to be used with care.

"Glass" Curtains

I would like to have you tell me how to put up "glass curtains."—Mrs. P. I. M.

Take down the window blinds. Put the curtain rod up where the blind was fastened. Purchase curtain rings that will slide back and forth over the

rod. It is more convenient to use the rings that have clips to fasten onto the material. They eliminate a lot of tedious sewing. Choose a material thru which one cannot see. Pongee makes an excellent "glass" curtain. A figured material should be printed on both sides. These curtains should be drawn together at night and pushed back during the day.

Thank for Hospitality

After returning home from a visit with friends in another locality should one write to her hostess?—M. T.

Yes. Send her a cordial note expressing your appreciation of her hospitality and kindness. Reference may be made to any special pleasure you enjoyed. Messages to members of the family may be included.

Quick Lime Absorbs Dampness

Our storeroom is very damp. What shall we do?—Mrs. C. S.

Set a bowl of quick lime in the room. Renew it when it becomes slack.

Cheese Cutlets

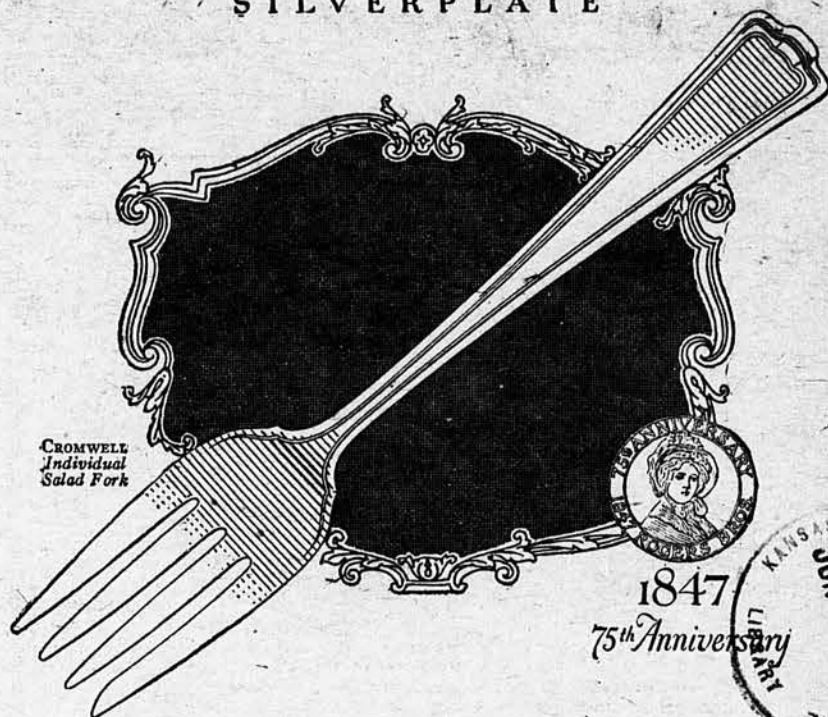
Cheese deserves a place in every weekly menu for when its food value is considered, it is a mighty healthful and economical food.

Cheese Cutlets

½ cup canned pimentos ½ cup cold water
1½ cups boiling water ½ cup grated cheese
½ cup cornstarch Bread crumbs

Pour the boiling water over the pimentos in a strainer, then rub the pimentos thru into the boiling water. Mix the cornstarch in the cold water and add to the pimento mixture. Cook over water 1 hour. Add the grated cheese and pour into a wet pan. When cold cut in slices, roll in crumbs and brown in fat in a frying pan.

1847 ROGERS BROS. SILVERPLATE



REMEMBER 1847—the birth-date of "1847 ROGERS BROS.," which celebrates this year its Seventy-fifth Anniversary.

For gifts of any kind, particularly anniversary gifts, choose "1847 ROGERS BROS." Other pieces in the same pattern can be added each year, each new piece increasing the value of the others.

Sold by leading dealers. For illustrations of other patterns, write for folder S-75 to International Silver Co., Meriden, Conn.

The Family Plate for Seventy-five Years

INTERNATIONAL SILVER CO.



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!

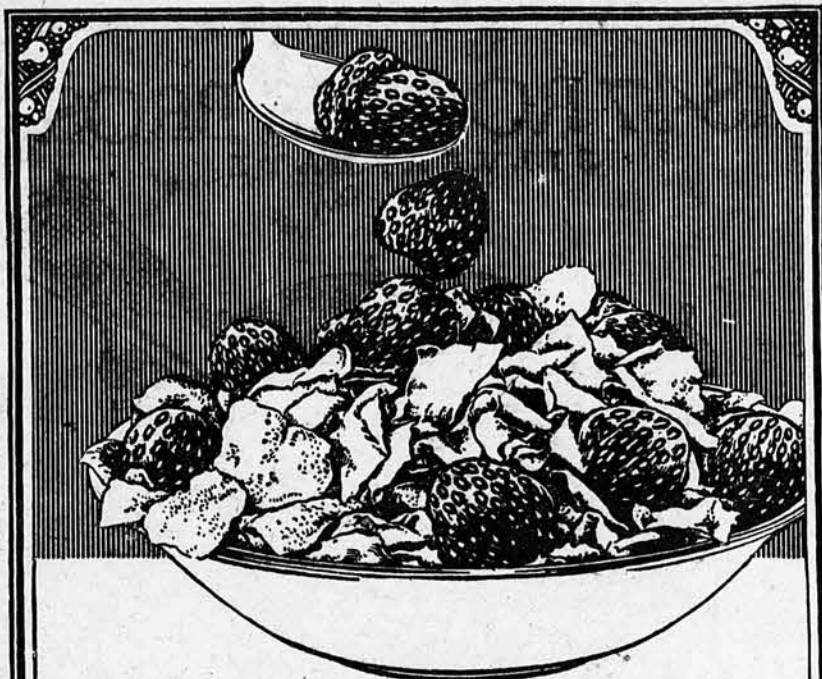
Capper's Farmer will give a prize of \$100.00 in cash to the person who sends in the largest list of correctly spelled words made out of the word "DECORATION," providing the list is accompanied by 25c to cover a one-year subscription to Capper's Farmer. Every person who sends in a list of words accompanied 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 20, 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





Simply delicious!

Kellogg's Corn Flakes with strawberries

Such a feast for a warm morning's breakfast—Kellogg's Corn Flakes and strawberries and a big pitcher of cold milk or cream—why, it's a revelation as an appetizer and so satisfying! Just as wonderful for lunch or for between-times nibbles!

And, best of all—Kellogg's Corn Flakes and fruit are exactly the food you should eat for warm weather! You'll feel so much cheerier, so free from drowsiness and headaches if you'll keep away from the heavy foods this summer!

Let the children eat all they want! For, Kellogg's digest easily and rest the stomach and supply nourishment!



Kellogg's

CORN FLAKES

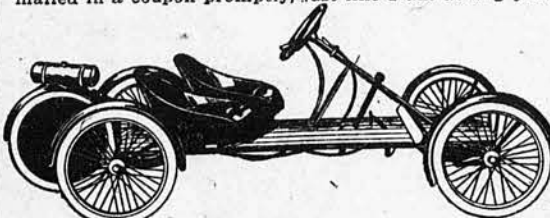
Also makers of KELLOGG'S KRUMBLIES and KELLOGG'S BRAN, cooked and krumbled

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.



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.



Every Boy and Girl Gets a Reward

Dear Sir: My Shetland Pony a reward 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.

For Our Young Readers

Mr. Toad and Mr. Grasshopper Run a Race But the Best Fellow Fails to Win

(Written by Alice Lutes)

AWAY went Mr. Grasshopper and Mr. Toad, hippity hop, but Mr. Grasshopper became so excited when he thought of Mr. Toad's boast that he gave an extra hard hop which took him high up in the air over Mr. Toad's head and, alas—right into the tub of water which was to have been their goal, and Mr. Toad hopped past it before he even missed his little friend.

Very soon, however, he heard a voice calling for help and it seemed to come from the tub, too. So he turned around

and black and his name is Rusty. I do not think I could have found a better name for him, as he certainly looks rusty.

A pair of grey squirrels, a pair of white rabbits and some red pigeons complete my zoo, altho I intend to make it as large as possible. The squirrels, whose names are Hipper and Skipper, explore your pockets for nuts and other dainties they have been taught to look for.

Rusty is not a great favorite among the other pets. When he comes near them the squirrels give him a scolding after they have scampered to the top of their pen, and the rabbits keep a safe distance away. The pigeons, however, seem to ignore him, regarding him only as a pest who tries to disturb them.

Augusta Kegel.
Phillipsburg, Kan.

Prettier Than a Doll

I have a kitty named Pussy. She is black and white and is about 3 inches high. She sleeps on the porch in a box and has a little bed made of straw and rags. In the evening and in the morning she comes for her milk. She catches mice every day and brings them to the house. She follows me wherever I go. She is prettier than a doll, I think.

Katie Stump.
Colwich, Kan.

Dear Pussy, Go Away

I have a pussy-cat
Who's dear as she can be;
Every morning just at dawn
She comes and wakens me.
I say, "Dear pussy, go away;
It is too early, quite
To be a-waking up; you see
As yet 'tis scarcely light!"
But pussy creeps into my arms,
And, oh, her nose is cold!
I take the top of the blanket
To round about her fold;
And I love her and we fall asleep.
Wathena, Kan. Mary Engeman.

About Two Little Girls

I am 9 years old. I have one sister. Her name is Olive. She is 11 years old. We go 2 miles to school. There are 21 children in our school. I am in the fourth grade and my sister is in the sixth. I have two pets, a dog and a cat. I call the dog Jack and the cat Molty.

Anthony, Kan.

and hopped back, just in time to see a boy bending over the tub and to hear him say, "Well, well, little hoppergrass, are you almost drowned? Here, cling to this straw. There you are, safe and sound," said the boy, tossing him out almost on Mr. Toad's back. And, would you believe it, he was the very same boy who had turned Mr. Toad over that very morning.

"Well, which of us won the race?" piped Mr. Grasshopper, stretching his long legs in the air to dry.

Who Won the Race?

"I think you did," croaked Mr. Toad with a laugh, "since you reached the tub first. And now, here is your reward," said he as he placed a fat bug on the ground under Mr. Grasshopper's nose.

Did you ever see a grasshopper's nose, little reader?
Mr. Grasshopper's eyes stuck out in disgust as he backed away from the bug.

"The idea!" he cried. "Why, grasshoppers don't eat such stuff as that! We eat sweet green clover and things that grow, not bugs and worms! Anyhow, you won the race yourself, as we were to hop to the tub and not in it. So here is your delicious morsel," and he handed Mr. Toad a tender, green clover leaf.

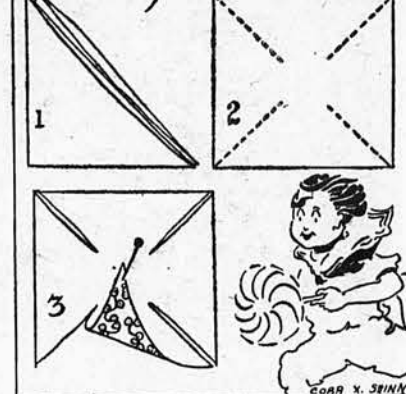
"Bah" croaked Mr. Toad, shutting both eyes tightly. "I won't even look at such stuff. We toads don't eat hay!" "All right, sir," chirped Mr. Grasshopper, gobbling the clover up and merrily hopping away, "you can eat your old bug yourself!"

Which he did, and settled down for a long nap.

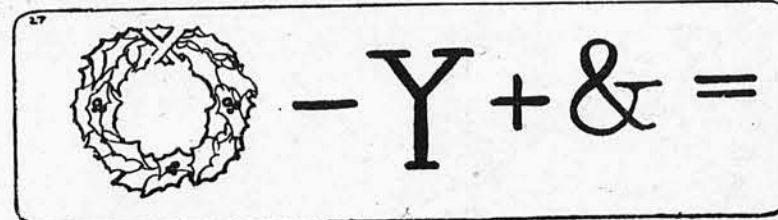
From Our Letter Writers

Dear Friends: Making a collection of pets is a very interesting hobby. A very odd cat was the beginning of my collection. He is a mixture of yellow

The Paper Pinwheel



Pieces of wallpaper make pretty pin wheels. Fold a square piece of paper twice diagonally, as in figure 1. Then cut along the folds almost to the center, as in drawing 2. Then fold to the center one end of each side, as in drawing 3, fastening the wheel to the end of a stick with a pin.



In this puzzle is the name of a country that all boys and girls know about. Send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first 10 boys or girls answering correctly.
Solution May 20 puzzle: Oregon. The winners are Harriet Ellen Bunting, Ethel Jones, Eldon Mitchell, Sara Mathilde McWilliams, Darlene Waddel, Robert Studebaker, Eber Tice, Esther Snyder, Carol Hedberg and Charles House.



No scars—no blemishes
GOMBAULT'S CAUSTIC BALSAM
 does the work better than firing. Hair positively grows back natural color.

A reliable remedy for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Windpuffs, Skin Diseases, Thrush, Spavin, Ringbone, Throat or Bronchial Troubles. Will not scar or blemish. Supercedes all firing and cautery.

As a human liniment it is unsurpassed. \$1.50 per bottle at druggists or by parcel post.

The LAWRENCE-WILLIAMS CO.
 Cleveland, Ohio

GOMBAULT'S
Caustic
BALSAM

FREE

Vaccinate Your own Hogs and Pigs. Complete Vaccinating Outfit



\$8.00 Set Syringes FREE

WE will send free one 35 cc and one 8 cc Viking Serum Syringe, with two needles with every first order for 3000 cc's or more of Peters Hog Serum (enough to vaccinate 85 to 100 pigs). Also full instructions for administering. Only one set to a customer. We make this liberal offer to get 100 new users of PETERS SERUM and to show how easy any hog raiser can vaccinate his own hogs and pigs.

Vaccinate Every Spring Pig NOW!
 20 to 40-lb. pigs, 30 cc's serum, 1 cc virus
 40 to 90-lb. pigs, 35 cc's serum, 2 cc's virus

Order on this basis. Figure serum and virus at 1 1/4 cc. PETERS was the first Anti-Hog-Cholera Serum. Produced under U. S. Veterinary License 84. Every drop made in our own plant, fresh and potent. Vaccinate your own pigs and save money. Order at least 3000 cc and get free outfit. Get your neighbor to order with you if necessary to make up the amount. You can send check or money order, or sent C. O. D. Offer limited to 100 sets, so ORDER QUICKLY.

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 1614 West 16th Street, KANSAS CITY, MO.

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Galvanized Steel Grain Bins **Starve Rats**

Pay For Themselves In GRAIN SAVED.

RAT, FIRE, WEATHER PROOF
 Thresh Directly Into BUTLER BINS: Save Time and Grain. Best Material and Workmanship. Full capacity level full. LAST FOR YEARS.

Reduced Prices! Buy of your dealer or write us. Get our Special Club Proposition. Circular Free.

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Simple—Serviceable—Profitable

More and Better Bales **7 Sizes and Styles**



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Equip your Ford with the same high quality ignition used as standard equipment on America's foremost cars. Write for Literature

Atwater Kent Mfg. Co. Dpt. K Phila.
 SYSTEM COMPLETE INCLUDING CABLES AND FITTINGS **Price \$11.25**

Health in the Family
 BY DR. C. M. LERRISO

To Keep Babies Healthy in Warm Weather Give Them Good Care

HOT weather diseases are not so common as they were a decade ago, because folks have learned something of the rapidity with which bacterial life develops in hot weather and take simple precautions against it. But a reminder to be on guard is necessary every year, and especially is this needed by those having the care of babies. Let the precautions in regard to infant feeding be generally abandoned for a single year and the infant mortality rate will shoot up to its former high peak; let your precautions in regard to your baby be neglected for a single summer and you may mourn a terrible loss.

The breast-fed baby always has been in less danger than the one raised on the bottle, but there are certain special precautions in hot weather even for him. The mother must see that he is nursed at regular intervals, she must see that he is given cool, pure water to drink, between nursings, she must dress him in cool, comfortable clothing, changing it to suit the atmospheric conditions instead of being governed by the calendar. The baby should always sleep alone. Clean clothes should be put on every day, and soiled diapers should be changed very promptly.

The bottle baby needs more attention. His bottles must be boiled. The milk must be sweet and fresh. The nipples must be thoroughly cleansed after being used, and kept in a fresh boric acid solution. The bottle must be given at regular intervals and when a satisfactory meal has been made it must be taken away and any surplus emptied. It is a great mistake to permit a nursing bottle to lie around for an hour or more, the child being given opportunity to suck at it as he pleases. Under such circumstances milk, bottle and nipples become unclean and may work much damage. In addition to this the baby's digestion may be seriously hurt by the irregularity.

No mother with a young baby need fear hot weather, either in the first summer or second summer. But she must remember that in that time of rapid bacterial action she must be doubly watchful of everything concerning her baby's feeding and care.

Operation for Cleft Palate

We are writing you in regard to our infant son born with a cleft palate. He is 15 weeks old now. His gums and lips are perfect. What information can you give us in regard to what age he should have an operation to close his palate? Some surgeons suggested to us to wait till he is around a year old, others say the sooner the better. He is gaining and doing well. A. M.

A child with a cleft palate should be operated upon at as early an age as possible. The success of the operation depends upon getting a good bony framework. Very good results are obtained but you must not expect the whole thing to be done at once. The surgeon has to do the operation in several stages. It may take four or five operations to get satisfactory results.

Irritation of the Nose

Three or four days out of every month, I have a very irritating feeling in my nose, my whole face and nose get very red. This is very uncomfortable as well as embarrassing. This is especially so if I am indoors. Will you please tell me the cause as well as the remedy? At other times it is perfectly all right. MISS H.

This is a variation of the regular monthly congestion. Treatment should be directed towards keeping the skin active, the bowels regular, and being careful not to overeat or overdo in any way at the period when the disturbance occurs.

Excess of Hydrochloric Acid

Just 1 hour before meal time, which is every 6 hours, a hard stinging lump presses heavy on my stomach which makes me feel in great distress both with gas and pain. I feel hollow inside and as soon as I eat a mouthful I am relieved. I am in normal health otherwise but unusually active and live out of doors mostly. Could I be feeding a tapeworm when I try to satisfy that gnawing heavy feeling which overpowers me, makes me almost choke to get any relief? MRS. G. L. D.

These symptoms do not indicate tapeworm. In all probability you secrete an excess of hydrochloric acid, a condition known as hyperchlorhydria. A milk diet will be helpful. Thoro, careful mastication of every mouthful of solid food is very important. Be sure that you drink plenty of water.

AVERY "Header-Thresher"



Solves Your Headed Grain Harvest Problem

Cut, thresh and clean and put your grain into the wagon box—all in one operation—with an Avery Header-Thresher.

Here is the machine that means time, labor and expense saved for you during the rush season. It means more acres cut per day and a saving of from 2 to 5 bushels more per acre.

Low in first cost—no cutting machinery to buy as it works with any standard make of header, new or old, taking the same position under the elevator as the barge or stacker-wagon. Makes you as independent in harvesting your grain as in planting it.

With common stacker it makes an efficient small thresher rig. Can also be equipped with special attachment for topping, threshing and delivering to the wagon box, in one operation, kafir corn, maize, feterita, etc., in the cheapest and best way possible. Has six-cylinder, heavy-duty motor, which can also be used for doing other belt work.

The Avery Header-Thresher is selling fast. Every grain grower wants one. Factory production is limited, so see your Avery dealer today. Write us for special "Header-Thresher" booklet containing full description and many illustrations. Also ask for Avery catalog showing Avery Tractors, Speed Trucks, "Yellow-Fellow" and "Yellow-Kid" Threshers and other motor farming and road building machinery.

AVERY CO., 75 Iowa St., Peoria, Ill.
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FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Wagon parts of all kinds. Wheels to fit any running gear. Illustrated in colors free.

Electric Wheel Co., 30 Elm St., Quincy, Ill.

CUT DOWN HARVEST EXPENSES

by buying the **Perfection Header-Grain Stacker** is combined barge and stacker. One man and three boys can cut 25 to 30 acres per day; write for circular and prices.

Norton Mfg. Co., Norton, Kan.

Big Engine Sale At 1914 PRICES

New Model Engines, Sold 2 H-P \$38.50
 direct from factory, better 2 1/2 H-P 45.57
 Built OTTAWA Engines 3 1/2 H-P 54.50
 60 Day Trial, Guaranteed. 4 1/2 H-P 62.12
 Write for FREE Book and 5, 10, 12
 Sale Office, Ottawa Mfg. Co., 1, 22 E. P. St.
 554 E. King St., Ottawa, Kan. Lowest Prices.

WANTED!
U. S. RAILWAY MAIL CLERKS

\$1600 First Year
 Hundreds Needed. Every Man or Boy over 16 should send coupon.

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Sirs: Send me, without charge, (1) sample Railway Mail Clerk Examination questions; (2) schedule showing places next examinations; (3) list of many government jobs now open.

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

6 HAME STRAPS 90¢

Big Bargain Offer. 6, 1-inch solid oak leather Hame Straps, sent postpaid for only 90¢. Extra heavy, 2 1/2 inches long, flexible loop, roller buckle. Order today. Guaranteed to satisfy or money back. NEW 1922 CATALOG FREE.

ANISER MERCANTILE CO.
 Dept. 56 St. Joseph, Mo.

Pretty 11-Piece Hand Painted Doll Tea Set FREE

GIRLS! GIRLS!

Here is just what you have been looking for. Last winter we gave thousands of Dolls to our little readers, and we want every girl who received a Dolly Dimple Doll to have one of these lovely Dolly Tea Sets. These sets have been imported from Japan, and are of the very best china, light in weight, clear, and each piece Hand Painted.

11 Pieces in All

In this set are three Cups, three Saucers, one Sugar Bowl with cover, and one Creamer and Teapot with cover. This set is about one-fourth the size of a regular Tea Set, and is just the thing for your doll and birthday parties, picnics, etc. We will send you one of these 11-piece china Japanese Hand Painted Dolly Tea Sets for a club of six one-year subscriptions to Capper's Farmer at 25c each—just a \$1.50 club. Your mother or father's renewal subscription to Capper's Farmer will count as one in this Club. Send in your order today.

CAPPER'S FARMER, Doll Dept. 20, TOPEKA, KANSAS



KANSAS farmers are much interested in plans for increasing acre yields in order to reduce acre costs of production, and in the future more attention will be given to the careful selection of seed, proper methods of planting and cultivating, and better methods of harvesting and threshing. The Kansas State Agricultural College, the Kansas Crop Improvement Association, in connection with millers and grain men and the agricultural press of the state are urging farmers and grain growers to give more consideration to this matter. It is believed that the excessive acreage in wheat can be greatly reduced and the yield kept up to the normal average through such means. This would reduce the acre costs and increase the profits correspondingly.

Greater Freight Reductions Needed

Farmers also are hoping that additional profits in the future may come through decreased freights and shipping costs. The Interstate Commerce Commission has ordered an average cut of 10 per cent in freights effective for July 1, but farm products, grain, hay and livestock were not included in this list. The Interstate Commerce Commission left the livestock rates on the basis of 10 to 20 per cent reduction made some time ago and left the grain and hay rates where they were following an average of 16 per cent cut in Western territory. Livestock last December was ordered to be placed on a six months' trial reduction of from 10 to 20 per cent and this arrangement is to continue. The reductions granted on grain and hay late last year are to be retained by the new order.

Saved Farmers 200 Millions

However, the reductions in livestock, grain and hay rates last year it is said saved farmers of the Nation 200 million dollars a year. The new reductions ordered will reduce freights about 241 million dollars which added to the former reductions will make a general reduction of 441 million dollars in freights. With such a large amount cut from their revenues the railroads will put up a strong fight against any further reductions, but farmers and stockmen, however, do not intend to give up their efforts to obtain further concessions in shipping rates.

State Crop Conditions

Crop conditions in Kansas in the main are favorable. A fairly good fruit crop will be gathered this year that will be appreciated by every person in the state after so many failures. In the weekly report of the Kansas State Board of Agriculture for the week ending May 29, J. C. Mohler, secretary of the board says:

"Heavy rains are shown in all parts of the state, except the southwest, in reports received today. In northeastern Kansas, 2 to 4 inches fell during last week; in North Central Kansas 2½ to 3 inches; and in Northwest Kansas 1 inch to 3 inches. The rainfall was lighter in more southern parts of the state, in Southeastern Kansas from 1 inch to 2 inches, South Central Kansas ¾ to 1½ inches, and in Southwest Kansas less than an inch in most parts. While the rains were continuous and heavy, very little washing occurred and only field work was delayed. The rains lasted practically all of the week and only on Friday and Saturday, was clear weather general. The soil is very wet in Eastern Kansas, especially in Northeast Kansas, but is reported in excellent condition in North Central Kansas and is very good in other quarters.

Wheat Growth is Rank

"Wheat is starting to head in Northeastern Kansas, but is very rank, and in some Eastern Kansas counties rust is appearing on account of the wet weather. Chinch bugs are reported as numerous in southeastern counties.

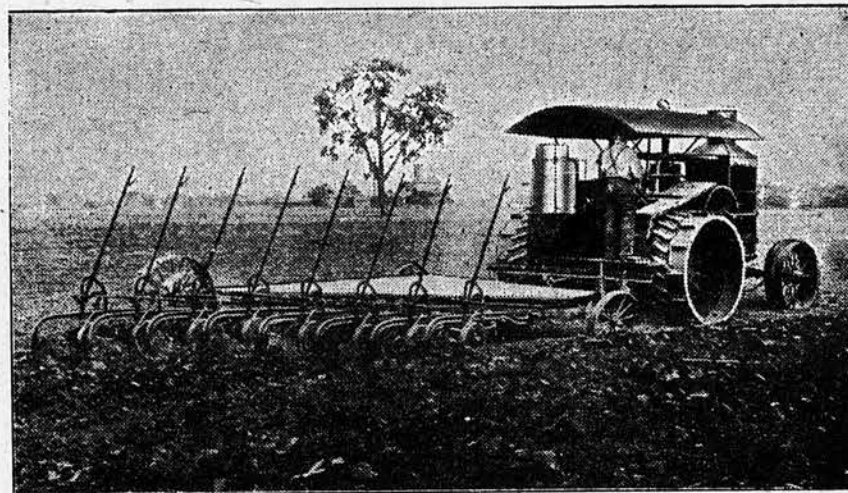
"Practically all corn planting has been completed and the planting of sorghums is well along. Corn is coming up to good stands and so far very little replanting has been found necessary. The first cutting of alfalfa has been somewhat delayed by the rains of the past week and in Southeastern Kansas, damage to alfalfa which had been cut has occurred because of showery weather. Alfalfa cutting will be rushed during the week in nearly all sections of the state. Prairie hay and pastures are in good condition.

"The fruit prospects are exceptionally bright; strawberries are being picked as far north as the Nebraska

Plan Better Crop Methods

Reduced Acreages and Larger Yields Increase Profits

BY JOHN W. WILKINSON



Kansas Farmers Have Made Large Use of Tractors and Improved Machinery to Speed Up the Preparation of the Ground for Spring Planted Crops

line, and cherries will be ripe in Southeastern Kansas this week. The county agent of Harvey county reports the completion of prairie dog extermination work on 1,000 acres, for the improvement of pastures in that locality."

Special County Reports

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

Atchison—A splendid and much needed rain fell last week. Crops are in good condition. The oats are rather short for this time of year. The farmers of this county are raising some fine herds of Shorthorn cattle and a number of breeders held a sale last week averaging \$143 a head. Atchison county is becoming noted for its purebred hogs and cattle as more farmers are becoming convinced that purebred stock pays better than the scrub.—Alfred R. Cole, Jr., May 28.

Barber—We have not had any rain this week and farmers have put in a good week's work in the field. Corn planting is well advanced and some are planting cane and kafir. Alfalfa is ready to cut and the yield will be heavy but hands to harvest it will be scarce. Some mules and horses are selling at fair prices. There are fewer hogs than usual in this county. Wheat is making a 100 per cent growth and looks as if it will average 25 bushels to the acre.—Homer Hastings, May 27.

Brown—Rain is needed badly. Farmers have nearly finished planting crops. Most of the wheat and early sown oats look fair but late sown oats are very poor. Pastures are not doing very well. All kinds of hogs are in big demand by farmers and feeders. Wheat is worth \$1.15; corn, 48c; cream, 26c and eggs are 18c; hogs, \$9.—A. C. Dannenberg, May 28.

Chautauqua—We are having excellent weather. Wheat and oats are not very good. Farmers are rushing corn planting. Gardens are satisfactory. Apples, pears and cherries will be almost a complete failure but there will be plenty of peaches. Farmers are all behind with their work. Eggs are worth 18c and butterfat is 27c; flour, \$1.15 to \$1.25; sugar, \$6.85.—A. A. Nance, May 29.

Cherokee—The weather is ideal for farm work and crops. Corn planting is nearly completed and wheat is heading. Strawberries are ripening and there is a fair crop but oats and early potatoes made almost a

complete failure. Pastures are excellent and all kinds of livestock are in excellent condition.—L. Smyres, May 29.

Clay—Farmers have finished listing corn and are now planting forage crops. Wheat has improved considerably as weather has been excellent. Much wheat land in the northern part has been listed to corn. Crops in general are good. Wheat is worth \$1.26; corn, 48c; butterfat, 27c; bran, \$1.20; flour, \$4.40 and oats are 35c; hogs, \$8.50; eggs, 28c; shorts, \$1.40.—P. R. Forslund, May 28.

Coffey—We have had no rain for a few days and farm work is being rushed. A good many farmers have their crops planted. The ground works well after so much rain. Wheat and alfalfa are making a good growth. Pastures are excellent and all kinds of livestock are in good condition. Fruit prospects are good. Roads are in poor condition.—A. T. Stewart, May 29.

Dickinson—We have been having a considerable amount of rain the last few days. This is very poor hay weather as some of the alfalfa has been on the ground since last week. Corn is up and shows a good stand, however, very little of it has been worked. Wheat is beginning to head but some of it is getting quite rank. We need sunshine for the crops. Oats are excellent. Pastures are making a good growth.—F. M. Lorson, May 29.

Ford—We had another rain last week. Spring crops are growing nicely. Wheat is very uneven and the weeds are getting ahead in many fields. Farmers are planting corn and feed crops are being sown. Some road work has been done. Wheat is worth \$1.40; corn, 50c; butter, 30c and eggs are 18c.—John Zurbuchen, May 28.

Gove and Sheridan—Most of the corn has been planted and the early seeding is coming up. Most of the farmers are planting feed. All small grain is looking fair, however, some is thin. No public sales are being held. Pastures are excellent and all kinds of livestock are doing well. Eggs are worth 18c and cream is 31c.—John I. Aldrich, May 27.

Harper—Some of the early wheat is heading nicely but late wheat still is discouraging. We have been having heavy rains and hail and some losses have been reported. Corn and gardens are very uneven. Farmers are very indignant in view of prospect of getting a paying price for wheat. They will fight hard surface roads or any raise in taxes. Wheat is worth \$1.10; corn, 65c; cream, 25c and eggs are 17c.—S. Knight, May 28.

Jewell—Corn planting is nearly completed. It is very dry but corn is coming up nicely. Most of the wheat ground has been listed to corn. Oats are needing rain very much and if it does not come soon the crop will be light. Farmers are having their cows tested for tuberculosis. Pastures are making good growths and all kinds of livestock

are in excellent condition.—U. S. Godding, May 27.

Harvey—The weather is warm during the day and cool at night. Corn planting is being rushed and alfalfa cutting has begun. All kinds of livestock are in excellent condition. Butter is worth 25c; flour, \$2; and eggs are 19c; potatoes, \$2; fat hogs, \$10; broilers, 30c; roosters, 10c.—H. W. Prouty, May 28.

Labette—Wheat is heading. Nearly all of the corn is planted. There was a hail storm in northern part of county May 18 which did considerable damage to fruit and gardens. Some wheat is being marketed. Pastures are quite good. No public sales are being held. The nights are cool. Oats are not very promising. Strawberries are selling at \$3.60 a crate of 24 quarts; flour, \$1.90; bran, \$1.25 and eggs are 18c.—J. N. McLane, May 28.

Lane—Not much corn is being planted but a large acreage of sorghum, kafir and milo is being seeded. More Sudan grass is being sown than ever before. Some farmers are blank-listing up some of their weedy wheat so as to get it ready for this fall crop of wheat. Weeds will take more of the wheat than we thought a couple of weeks ago. Pastures are good. Butterfat is worth 28c and eggs are 18c.—S. F. Dickinson, May 27.

Marion—We are having favorable growing weather. Not all of the corn is planted and some fields are too wet. Most of the cane has been sown. Pastures are excellent and all kinds of livestock are in excellent condition. Wheat has just begun to head in a few fields. Wheat is worth \$1.30; corn, 55c; cream, 28c and eggs are 22c; hens, 19c.—G. H. Dyck, May 28.

Osage—Wheat looks as if it will make an early harvest. A little barley has been sown to take the place of oats. There is a small acreage of potatoes and a poor stand. About 30 per cent of the corn will be planted by the end of this week. The hay crop will be heavy. Indications are that all fruit will make a good crop except cherries which will make a half crop. Hogs, generally, are healthy. The wet weather has caused roup among chickens. Eggs are worth 18c and cream is 33c.—H. L. Ferris, May 27.

Osborne—Barley and oats are making a good growth but needing rain. Most of the wheat is thin and getting weedy. Corn is nearly all planted and coming up nicely. A considerable amount of Sudan grass and roughness is being sown. Pastures are making a good growth.—W. F. Arnold, May 28.

Pratt—We have been having a considerable amount of rain and wheat is making a rank growth. Pastures and alfalfa are excellent. Corn made a fair stand but is small. Indications are that there will be a good fruit crop. All kinds of livestock are in excellent condition and selling better than ever before.—J. L. Phelps, May 28.

Riley—Nearly an inch of rain fell here last week which was badly needed for wheat and oats. Corn planting is nearly completed and early corn is coming up and shows a good stand. Alfalfa is nearly ready to cut. Pastures and meadows are excellent. There are some fields to be planted to feed crops. Gardens and potatoes are doing well. A large number of chicks have been hatched. Wheat is worth \$1.18; corn, 50c; butter, 25c and eggs are 20c.—P. O. Hawkinson, May 29.

Rooks—We are having very nice weather and wheat is making a satisfactory growth. Rooks county will need some harvest hands. If anyone wants work in harvest write me at Zurich, Kan. Corn planting is progressing nicely. Planting of Sudan, kafir and cane is in progress. Wheat is worth \$1.32; corn, 50c.—C. O. Thomas, May 27.

Rush—The weather for the last few days has been cool and cloudy. Some of the wheat is getting too rank and it will not fill out as well as most farmers expect. Alfalfa cutting has begun, however, it is a little too rank to make the best feed for horses. Potatoes are nearly a 90 per cent stand throughout the county. Farmers have been hauling wheat the past few days which is worth from \$1.36 to \$1.40; butterfat, 28c and eggs are 19c.—A. E. Grunwald, May 27.

(Continued on Page 28)

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, 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 muslin aprons, bed spreads, luncheon sets, dresser scarfs, table covers, and the like. The tops go especially well on little boys' 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.

The Reduction in Freights

EVEN a horizontal 10 per cent reduction of freight rates will be regarded by shippers, as it was last week by Wall Street, when the Interstate Commerce Commission promulgated it, as a small relief from the burden which industry bears in war prices for transportation. It is remarkable that the immediate effect of the announcement of a 10 per cent cut was the advance in quotations for rail stocks, indicating an expectation of greater reductions. Kansas and the West will profit less than the East by the cut, since no change is made in rates on hay, grain and similar agricultural products which before Government operation of railroads were carried at a very low relative charge.

Heavier reductions will be demanded by shippers and producers and will be warranted by the stimulation which even this action will give to the reviving tendency of business all over the country. If trade is active rates can be relatively low. When there is little business moving railroads cannot make money and consequently oppose bitterly reduction in rates. Yet it is the general judgment, from Wall Street bankers down, that excessive freight rates have retarded business recovery. This reduction will help the recent recovery and business recovery as it spreads out and gains impetus will benefit railroads and permit greater rate reductions.

Freight rates are still nearer a war than a peace basis and a radical reduction would have hastened a return to normal volume of trade and traffic to which ultimately the railroads must look for profitable earnings. A few months ago they voluntarily made a cut equivalent to the present order of the commission, confined to agricultural products, and have made better net earnings under the lowered rates than before. What the railroads need is a larger volume of traffic. Reasonable rates will do more than anything to produce it.

THICK, SWOLLEN GLANDS

that make a horse Wheeze, Roar, have Thick Wind or Choke-downs, can be reduced with

ABSORBINE

also other Bunches or Swellings. No blister, no hair gone, and horse kept at work. Economical—only a few drops required at an application. \$2.50 per bottle delivered. Book 3 for free. ABSORBINE, JR., the antiseptic liniment for mankind, reduces Cysts, Wens, Painful, Swollen Veins and Ulcers. \$1.25 a bottle at dealers or delivered. Book "Evidence" free.

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On trial. Easy running, easily cleaned. Skims warm or cold milk. Different from picture which shows larger capacity machines. Get our plan of easy **MONTHLY PAYMENTS** and handsome free catalog. Whether dairy is large or small, write today. **AMERICAN SEPARATOR CO.** Box 7092, Bainbridge, N. Y.

More Money For Your Grain

Thousands of dollars can be saved by farmers on their grain if fire, rat, mould and weather losses are stopped. This is really a very simple matter. Hundreds of farmers are now storing their grain in Midwest portable metal grain bins and hold grain until market is right. Prices have been reduced so low that no farmer can afford to be without one. They are extra strength; last a life-time and are easy to erect. No special tools required. All freight charges are prepaid. You want to make more money from your grain, so simply send your name and address today to **THE MIDWEST STEEL PRODUCTS CO.** 27 American Bank Bldg., Kansas City, Mo. for free photos, folder and special low prices.

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Send us a trial roll and the names of ten of your friends who have cameras. For these we will make you a 5x7 enlargement. Developing 10c per roll. Prints 3c each up to 2 1/2 x 4 1/4; Prints, 3 1/4 x 4 1/4, 4c; 3 1/4 x 5 1/2 or post cards 5c each. Remit for print order or we will mail C. O. D. **THE CAMERA CO.** Box 1126, Oklahoma City, Oklahoma

Wipe Out Every Rat and Mouse

Amazing New Discovery Quickly Kills Them All. Not a Poison.

Rats, Mice, Gophers—in fact all Rodents can now be wiped out easily and quickly. Imperial Virus will do it. This new discovery, is a fluid, true Virus. Entirely harmless to humans, poultry, stock, pets, etc.



Infects Rodents only. Greedily eaten on bait. Sets up burning fever. The pests communicate it to others, and all die outside, hunting air and water. Imperial Virus is put up in sealed bottles, thus insuring full strength and potency. Only safe, sanitary method to overcome these pests. Protect your Poultry, especially Baby Chicks and Egg Hatches.

YOU CAN GET YOURS FREE

Here's how! Send \$1.00 today (currency, M. O., checks, etc.) and we will give you by return mail, postpaid, two regular, full sized (double strength) \$1.00 bottles of Imperial Virus. Use one to rid your place of these pests, and sell the other to a neighbor, thus getting yours free. Special inducements to represent us.

If more convenient, send no money, just your name and address to Imperial Laboratories, Dept. 846, 2110 Grand Ave., Kansas City, Mo. Pay postman \$1.00 and few cents postage when two bottles arrive. Guaranteed to do the work to your entire satisfaction within 30 days or your \$1.00 will be cheerfully refunded.

KILL the GERMS of ABORTION

Safe, sure prevention and treatment stops infection—heals tissues. No poison, acid or oil. Simple—cheap. Write for special trial offer (money back if not satisfied.)

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Why Not a Milk Campaign?

More Interest in Dairying Should Be Aroused

BY J. H. FRANSEN

A MILK campaign in the heart of a dairy district like Wisconsin seems ridiculous, and yet amazing results followed a recent campaign for the increased use of dairy products in Walworth County.

One month before the campaign was to begin, a survey of the schools of the county was made in order to ascertain how generally milk was being used by the children of the county. Of the children questioned, 680 drank daily 1 1/2 cups of tea and coffee, 980 children drank regularly 2 1/4 cups of milk daily, 268 drank no milk at all, while 365 drank milk occasionally, and 241 used no butter.

During the milk campaign week, 92 meetings were held at which influential speakers told of the value of milk and butter as a part of the children's diet. Posters urging the use of milk were made by the school children or supplied by the State and National Dairy Councils. Sample milk drinks and butter and cheese sandwiches were distributed during the week. The schools put on a Milk Fairy play.

The final report of this week's effort is not yet available, but a preliminary report indicates that there has been an increase of 18 per cent in the consumption of milk, and an increase of 30 per cent in the consumption of cheese; a 19 per cent increase in the consumption of butter, and a 22 per cent increase in the sale of ice cream, with a falling off of 34 per cent in the sale of so-called butter substitutes.

If a campaign in a county in Wisconsin can yield such remarkable results, what might not be expected in some of our Midwestern counties, where even good dairy folks have said so little about the virtues of dairy products that one might almost believe these virtues to be a state secret. Seriously speaking, isn't this just the time to organize campaigns of this kind in your own county, so that even he who runs may know the virtues of milk and other dairy products? Your county agent and other educational agencies will likely be glad to assist in this good work.

Disagreeable Flavors in Cream

There are some objectionable flavors that can be partially overcome by good management in the creamery, but the following undesirable odors and flavors cannot be overcome to any measurable extent by the efforts of the creamery-

man, and if good butter is to be made, these flavors must be prevented from developing on the farm where cream is produced:

Weedy cream is always second grade and is caused by cows eating onions, garlic, ragweed, osage orange, or other strong flavored plants, and is most prevalent in early spring or during a period of short pastures.

Oily cream is always second grade or so objectionable as not to be used at all, and has the flavor of kerosene, gasoline or machine oil, due to using the cream can in hauling these, or cream setting in a place near such oils. Carelessness in handling oil about the cream separator may be the cause.

Cheesy cream is always second grade and smells and tastes like cottage cheese. It is always thin cream which, being held at a high temperature, causes it to separate and become curdy and lumpy. Contact with dirty separator or other unclean utensils helps this along.

Greasy cream is always second grade and has a taste closely resembling tallow or lard. It is always old cream held in or coming in contact with unclean separators or vessels.

Bitter cream is always second grade, and has a taste similar to quinine. It is cream that has been held too long at a low temperature.

Yeasty cream is always second grade. It smells like yeast and is foamy. It is the kind of cream which runs over the can. It contains the germs of yeast obtained from unclean separators or utensils, or from exposure to dust or dirt, and held at a high temperature.

Stale or musty cream is always second grade, and is caused by holding the cream too long in ill-smelling cans, or by the use of stale water in washing cans, or flushing separator bowl, or holding in a poorly ventilated cellar, cave or milk house.

Metallic cream is always second grade, and contributing causes are rusty milk pails, rusty separator bowls, cream cans or other utensils.

Kitchen and cellar flavored cream is that which has absorbed flavors and odors of potatoes, cabbage, ham and bacon, from the surroundings and is second grade.

Colostrum cream is from fresh cow's milk used too soon and the sale of such cream is prohibited by law in most states, and it is unlawful cream.

Four State Champion Cows

BY R. B. BECKER

THE second annual agricultural fair held by the students of the Kansas State Agricultural College on May 2, witnessed a collection of famous dairy cows, such as seldom can be assembled in one place. The four state champion cows of Kansas stood side by side, a mute example of type with high production. These four cows, representing each of the four leading dairy breeds, showed what has been done in developing the dairy industry in the Sunflower state.

These cows, from left to right, are The Owl's Design 204251, a Jersey; Imported Pallas 65709, of the Guernsey breed; Canary Bell 25748, whose fame is wide-spread among the Ayrshires, and Lady Volga Colanthus 2nd 279537, whose record for production leads among the Holsteins of Kansas. Seldom do four state record cows of the different breeds get to stand side by side, as an illustration to the public of what can be done toward reaching the top of the ladder in fat production. Many more cows just as good can be easily developed.



You pay for a De Laval whether you buy one or not

If you are using a worn-out, inferior cream separator, or skimming cream by hand, you are surely wasting enough cream to pay for a De Laval in a short time.

The selection of a cream separator is more important than that of any other machine on the farm, for none other can either save or waste so much, twice a day, 365 days a year.

A De Laval Separator will:

—Skim cleaner for many more years than any other;

—Skim milk clean at lower temperature than any other separator;

—Deliver a higher testing cream, which is more acceptable to the creamery, and easier and less costly to ship,

—And deliver a cream which will make better butter.

Mechanically a De Laval Separator is the best that fine materials and skilled workmanship can make.

—It lasts longer than any other separator, many giving good service for 15 to 20 years.

—It is easier to turn.

—It is easier to clean.

—It is so simple that one tool will set it up or take it down.

—It has the most perfect lubricating system.

Do not be deceived by separators which are claimed to be "just as good and cost less." When you consider its greater savings, greater reliability, longer life, the extra time it saves, and the greater satisfaction it gives, the De Laval is, in the end, by far the most economical cream separator made.

Even if you have only two cows it will pay you to have a De Laval. One can be bought on such easy terms that it will pay for itself in less than a year. Why not see your De Laval agent at once or write us for full information?

The De Laval Separator Co.

New York 165 Broadway Chicago 29 E. Madison St. San Francisco 61 Beale St.

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



Business and Markets



By John W. Samuels

BUSINESS conditions continue to improve and stockmen feel more optimistic now than they did a year ago at this time. At the recent bankers convention in Wichita nearly 2,000 Kansas bankers were present and practically all of them were of the opinion that business was on the upgrade and that a new era of prosperity was beginning. Money is easier to obtain now and interest rates are lower. Livestock paper in the future will command much more favorable attention than it did in the past, and will be regarded as good collateral by business houses.

A recent report of the United States Department of Agriculture brings out some interesting facts in regard to the livestock and meat situation for the month of March. According to this report more cattle, calves and hogs and fewer sheep were slaughtered under federal inspection during March this year than last. With the exception of hogs, slaughter figures for March also showed an increase compared with the preceding month. The average live weight of cattle was almost 7 pounds heavier than a year ago and 8 pounds heavier than in February this year. The average dressed weights showed approximately the same difference as live weights between March, 1921, and March, 1922, but compared with February, March carcasses were about 11½ pounds heavier.

The difference in the average live weight of calves for March this year and last was less than 1 pound, although the average dressed weight this year showed an increase of 5 pounds. March calves were 14 pounds lighter than those slaughtered the preceding month and the dressed product averaged 8 pounds less.

Hog Weights Show Decrease

The average live weight of hogs was about the same as in February this year but about 6 pounds less than in March, 1921. The average dressed weight was about three-fourths of a pound less than that of February and about 4 pounds less than that of March a year ago. Average live and dressed weights of sheep and lambs were less than in March, 1921, but slightly more than in February of this year.

The average cost of all classes and grades of cattle slaughtered was 61c a hundred weight less than in March a year ago but 77c more than in February this year. The average cost of calves was down \$1.33 compared with a year ago and down \$1.11 compared with February. The average cost of hogs was up 48c per 100 pounds compared with a year ago and 80c compared with February. The average cost of sheep and lambs was up \$4.84 compared with March, 1921, and \$1.04 compared with February of this year.

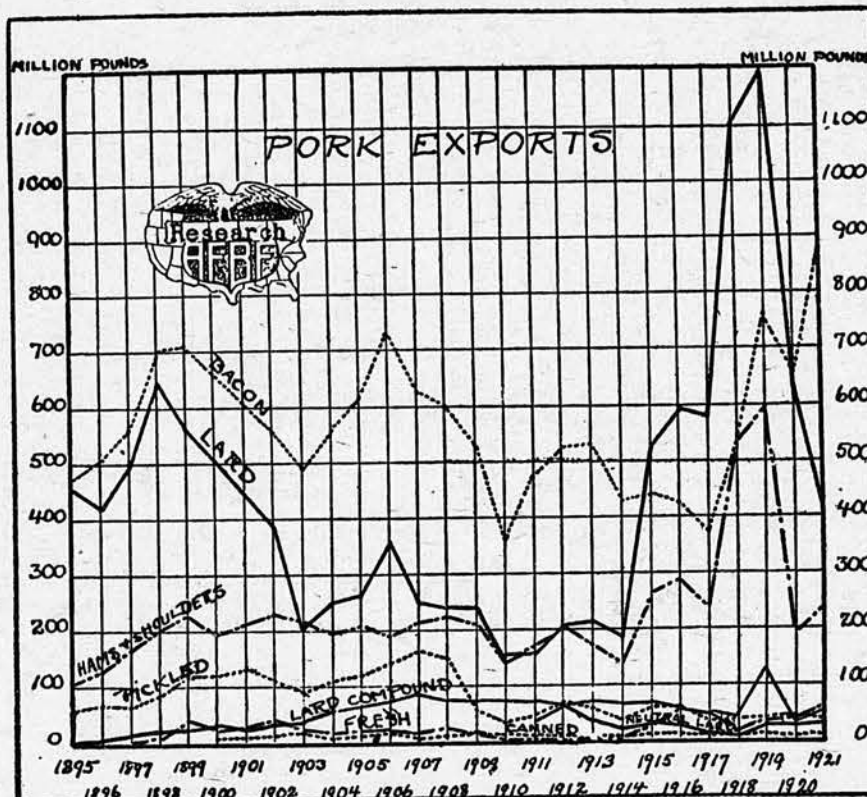
Dressed Meat Prices Compared

Good beef carcasses at Eastern markets declined \$3.51, compared with March, 1921, but were up 57c, compared with February this year. Fresh pork loins, lard, and bacon showed declines in prices at Eastern markets compared with March a year ago, while other pork products showed increases. Prices of all pork products were considerably higher than the average prices of February this year. Lamb carcasses at Eastern markets were \$7.26 a hundredweight higher than in March 1921, and \$1.32 higher than in February.

In 1921, the total slaughter of pork, excluding lard, was 8,475 million pounds. Of this amount 8.8 per cent was exported. In the same year, lard production totaled 2,095 million pounds of which 42.6 per cent was exported. Of the total pork produced, including lard, exports constituted 15.5 per cent.

In 1913, the proportion of slaughter exported was as follows: Pork, 6 per cent; lard 33.5 per cent; pork and lard combined, 11.2 per cent. For the five year period, 1910-1914, the percentage was: Pork, 5.7 per cent; lard, 31.8 per cent; pork and lard combined, 10.6 per cent.

In the years 1918 and 1919, total



Graph Showing the Trend of Exports of Bacon, Hams, Lard, Canned Meats and Other Items from the Year of 1895 thru 1921 to the Beginning of 1922

slaughter was approximately the same as in 1921. The proportion of pork, excluding lard, exported during this period was three times as much as in 1921 while the percentage of lard exported to lard produced was 30 per cent, compared with 42.6 per cent in 1921.

These figures indicate the importance of keeping foreign markets open to surplus pork products. The accompanying chart indicates the trend of exports by items from 1895 to the present time.

Prime Steers at Nine Dollars

This week at Kansas City prime light and heavy weight yearlings and 1,100 pound steers sold up to \$9 and numerous other choice steers, yearlings, and mixed grades sold at \$8.60 to \$8.85. Choice Colorado steers sold up to \$8.60. Prices for choice to prime grades were 15 to 25 cents higher for the week. Plain to fair grades show a moderate decline. Hog prices broke early in the week, but closed 15 to 20 cents above the low point and within 10 to 15 cents of the high time last

week. The sheep market touched the low point of the season, but started up on Tuesday and closed the week 50 to 75 cents higher.

Receipts this week were 26,150 cattle, 5,575 calves, 63,400 hogs, and 30,050 sheep, compared with 28,975 cattle, 4,225 calves, 55,400 hogs, and 26,450 sheep, last week and 34,050 cattle, 3,260 calves, 58,560 hogs, and 41,675 sheep a year ago.

All Cattle Prices Advance

In the first three days of the week there was a general advance in prices for all classes of fat cattle. The gain was well maintained on choice to prime classes, but the plainer kinds turned down Wednesday and closed the week with a net loss of 15 to 25 cents. The top price for the week and for the season \$9 was paid several times. The bulk of the good to choice steers sold at \$8.25 to \$8.75. Some straight grass fat steers from South Texas sold in the quarantine division at \$6.85 and \$6.90. Prime heifers sold up to \$8.50 and top cows up to \$7.25. The plain kinds closed lower than last week.

The Western Lamb Crop is Short

REPORTS from the Western sheep country indicate a material shortage in the spring lamb crop. Some estimates, made by men who have carefully surveyed the situation, place the total lamb production in Montana, Wyoming, Washington, Oregon, Idaho, and Nevada at not more than 70 per cent of a normal crop.

The indicated shortage is attributed to three main factors, namely, a shortage of ewes, the over age of many breeding flocks, and the losses of early spring lambs resulting from this year's cold and backward spring season.

Some reports indicate that large Western speculators and feeders have already contracted approximately half of the lamb crop in Idaho, Oregon, and Washington. The summer marketward movement from these states, according to the best information available, will be late in getting under way, and probably will not reach sizable dimensions before the last of July or early in August.

Ewes wintered poorly, and because of the backward spring were not only late getting on the range but started the grazing season in poor flesh, with the result that February lambs, the crop of which was more nearly normal than that of later lambs, had a poor start.

The April lamb crop is very short, according to all reports. Many flockmasters tried to lamb the April crop on the open range and the cold weather caused heavy losses. Breeding flocks are seriously over aged, but it is believed that it will take a very attractive market to draw any great percentage of them to the shambles because of the apparent acuteness of the shortage in young stock to replace them. Young ewes are in strong demand all over the West, and bids to \$8-\$12 a head have not dislodged many. Moreover, it seems certain that very few young Western ewes will reach market centers during the coming season.

Wool trade in the West has been mildly excited of late, with many fleeces selling on the sheep's backs at 35c to 38c, and some clips, in addition to the well-advertised Jericho pool clip, selling up to 40c a pound.

Bulls were lower and veal calves higher.

Demand for stockers and feeders was active and with receipts moderate prices were 15 to 25 cents higher. Choice stockers sold up to \$8.15 and fleshy feeders up to \$8.35.

Top for Pigs is \$10.85

Hog receipts this week were liberal. Chicago had the heaviest run of any day this season, on Monday when 62,000 were reported. Here Tuesday's receipts were 20,000. Following a 25 to 35 cent decline early in the week most of the loss was regained later. The top price was \$10.60 and bulk of sales \$10.40 to \$10.55. Pigs sold up to \$10.85. Demand was large the entire week, both from local and shipping sources. Tuesday order buyers took more than 5,000 hogs.

Monday sheep and lamb prices touched the lowest point of the season but started up on Wednesday and closed the week 50 to 75 cents higher. On the close, spring lambs sold at \$14 to \$15; clipped lambs, \$12 to \$13; clipped wethers \$7.50 to \$8, and clipped ewes \$6.50 to \$7.

Mules and Horses

Horses and mules sold lower this week at the auctions in Kansas City despite the fact that the quality was good and the fact that several outside buyers were present. The following sales of horses were reported:

Drafters, weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$85; fancy drivers, \$100 to \$150; medium to good drivers, \$65 to \$100; good to extra Southerners, \$75 to \$100; medium Southerners, \$50 to \$75; common Southerners, \$20 to \$45; plugs, \$10 to \$25.

The following sales of work mules were reported:

Good, sound mules, 4 to 7 years old, 13½ to 14 hands high, \$25 to \$85; 14 to 14½ hands, \$50 to \$85; 15 to 15½ hands, \$85 to \$125; 15½ to 16 hands, \$100 to \$140; extra big mules, \$125 to \$150.

Wool and Hides

"The trend in the West is still upward and the competition of Eastern buyers may carry wools in the excitement to the point of reaction. To what extent Eastern mills are supplied with wools is altogether unknown; the Government reports which usually supply information of this character have not been issued since September 30, 1921, but it is expected that some kind of a report will appear around June 30.

The following prices on Kansas, Nebraska and Oklahoma wool are quoted in Kansas City this week:

Bright medium wool 28 to 32c a pound; dark medium, 18 to 20c; light fine, 20 to 22c; heavy fine, 15 to 18c; light fine Colorado, Utah and New Mexico wool, 30 to 35c.

The following quotations are given on hides at Kansas City:

No. 1 green salted hides, 8½c; No. 2 hides, 7½c; side brands, 5c; bulls, 5c; green glue, 3c; dry flints, 8 to 10c; horse hides, \$3; small horse hides, \$1.50 to \$2.

Dairy and Poultry

Weakness prevailed in the market for poultry and eggs, but there was little change in prices.

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

Eggs—Firsts, 22c a dozen; seconds, 18c; selected case lots, 27c; Southern eggs, 1 to 2 cents less.

Live Poultry—Hens, 22c; broilers, 40c; roosters, 12c; turkeys, 30c; old toms, 25c; geese, 12c; ducks, 18c.

The following quotations are given on dairy products:

Butter—Creamery, extra, in cartons, 39c a pound; packing butter, 20c; Longhorn cheese, 21¼c; Brick, 17¼c; imported Roquefort, 68 to 69c; Limburger, 23c; New York Cheddars, 24c; New York Daisies, 25c; medium Swiss, 38 to 55c.

Another tumble in wheat prices has come on account of Chicago May contract holders being swamped with grain. Heavy deliveries there caused

(Continued on Page 29)

Rid Hens & Chicks of Lice and Mites

A Few Drops of Wonderful New Remedy in Drinking Water Does It—No Dusting, Spraying or Greasing.

Any poultry raiser can easily and quickly clean out Lice and Mites by using a new Remedy recently discovered by a Kansas City Chemist and called Imperial Lice and Mite Remedy. All that is necessary is to occasionally put a few drops of this amazing remedy in the fowl's drinking water. It renders them immune from the attack of all blood-sucking parasites, as these pests positively will not stay on a fowl taking this remedy.

It also acts as a splendid Tonic and Blood Purifier, as well as increasing egg production and growth, for with these pests eliminated, hens lay better and young stock grows faster. It is positively guaranteed not to affect the meat or eggs.

The manufacturers of Imperial Lice and Mite Remedy are anxious to get it quickly introduced among poultry raisers everywhere, and make this Special Introductory Offer. Send no money, just your name and address to the Imperial Laboratories, Room 633, 2110 Grand Ave., Kansas City, Mo., and they will send you a regular full sized \$1.00 bottle and will also send you free a big full sized (double strength) \$1.00 package of Imperial White Diarrhoea Remedy, the standard, time-tested remedy. Pay the postman only \$1 and a few cents postage when both packages are delivered. Any time within 30 days, if you are not satisfied with results, just say so and your money will be cheerfully refunded.

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. Postman will collect. No extra charge. GEO. H. LEE CO., Dept. 55 Omaha, Nebr.

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All One Year

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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

Capper Poultry Club

June Arrives and Finds All Well in Chickendom

BY RACHEL ANN GARRETT
Club Manager

FINAL examinations, final examinations and then a few more final examinations. That's what the girls have been writing, among other things. But school is out now, and the examinations are over. Vacation has come, and aren't we all glad? I wish that I could steal away for a day to see each of you, to go walking thru the woods with you. We'd make that flower hunt come true, wouldn't we? And we'd return to mother late in the afternoon, hungry as bears. I'm glad that you live on the farm, that you are outdoors a great deal, for we can pretend a great many things, and you know that I like to be outdoors.

Today, we're just going to listen to some of the girls talk. They have interesting things to tell, and I know

a good cheer leader for my mouth is so big. My chickens haven't gotten out but once since I shut them up. I have 24 eggs to hatch in the incubator pretty soon. We're going to organize a sewing club in the neighborhood, and I only hope it is as good as the poultry club."

There Were Lots of Girls

A letter from Mrs. Simpson of Cloud county contains the following account of the Cloud county April meeting: "The time, May 14, 1922. The place—the home of Mr. and Mrs. Sherman Robinson near Simpson. There were lots of girls present, young girls, and older girls of the mothers' division. It was a joint meeting with the Mitchell county pig club, so the boys were present too. The girls gave a program consisting of songs, short talks and readings. The boys' share of the entertainment included a baseball game, boxing, wrestling and other sports. We are proud of our meeting, the attendance and the program. Watch us shine."

A Word From Republic

"My chickens are surely nice," writes Agnes Neubauer of Republic county. "They are almost 2 weeks old. Sometime I will have a picture taken of them and send one to you. I like the record book and bulletin just fine. I'll try to get my monthly report blanks to you on time, if I can, and I hope I can. Well, high school closes next Friday so I'll be able to write more often to you, and do more with my chickens."

Erma Murphy, leader for Republic county, tells about their April meeting: "We had a meeting April 29 and had a fine program and elected most of our officers. Republic county is ready to go."

Grace is Thinking of Fair Time

"I received my stationery and my poultry primer the other day," says Grace Harrison of Linn county, "And I'll try to study my poultry primer. I think it is fine. My rooster is pretty. I got him last fall when he was a young chicken. I expect to take him to the fair. I'm glad school is out because I'm taking music lessons and am going to take expression lessons, too."

Grace does have a fine cockerel. She sent a picture the other day, and I wish all of you could see it, but it was a little too dim to print. Perhaps she'll send us another.

Beautifying the Chicken Pen

I've seen some chicken pens in my day that were about the sorriest sights on earth, and I've often wondered how they might be made more attractive. A lady who has raised chickens for years tells me, and I wish to pass the suggestion on to you. Plant hollyhocks around the chicken pen, or sunflowers. These are hardy plants, and will grow where other flowers will not. They provide a shelter from the sun and the quick shower, and they make a pretty place of the chicken pen. Why not try a hollyhock chicken pen?

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.

Canada, with nearly 40,000 miles of railways, has a larger per capita mileage than any other country in the world.

Cash admissions paid daily to motion picture theatres amount to 4 million dollars.



If You Would Raise Chicks

Keep them dry.
Keep them warm.
Keep them busy.
Keep them clean.
Keep them hungry.
Keep them growing.



you'll enjoy listening. You know the old saying, "Listen and learn"—perhaps we'll learn some things, too. We usually do when we exchange ideas.

Alberta Likes the Club

"I see my mistake on my report," writes Alberta Blauer of Rooks county, "I had it all down in my record book. It was lucky that you sent the record books, and I think they are fine. My chickens are doing fine, only two of my hens have gone to sitting and I can't break them of it. My little chicks are growing and are doing fine, but the old hen stepped on one of them and killed it. I surely like club work and enjoy the meetings very much."

Girls Can Build Boxes

Vera Smith, leader for Osage county, tells us, "It has rained so much and kept the roads so bad that we didn't get to have our April meeting, so will have to let it go, but we're going to work hard and try to catch up with the other counties. You should have been here Friday. I was making a chicken box for my little chickens. Mamma told me how to make it and I made it and shingled it, then painted it red. My chickens think it is nice, for they stay in it a lot. They are surely growing fast. I weighed one the other day and it weighed more than 1/2 pound."

Good Care Counts, Frances

"We surely are getting enough rain. It has been raining nearly every day. The trees, grass and flowers are looking beautiful. I received the poultry primer and was glad to get it. My chickens are surely growing, and I'm taking good care of them."

Leavenworth County is Alive

Not only is Leavenworth county alive, but it is up and doing. Letters from the girls bear out this statement. Ruby Fairbairn says: "Well, I think my chickens are doing fine. I am getting seven eggs a day and one day I got eight. I think that's fine for eight hens, don't you? I think we're going to have our next meeting with Pauline Watkins. Last time we had it at Nettle Suiter's home and we surely did have a good time. I was elected cheer leader. My sister says I'll make

MINERALIZED WATER ROUTS CHICKEN LICE

Tablets Dropped into Drinking Fountains 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.

QUALITY Chicks and Eggs

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

Wheat \$1.00 a Bushel

We will advance you one dollar a bushel, carload lots, on good wheat at Kansas City or Salina, Kan.

We pay the freight and allow you six months in which to pick your own selling price.

We have just opened a branch office in Salina, Kan., 314-315 Farmers Union Bldg., and solicit orders at that point.

Send bill of lading with draft attached at \$1.00 a bushel, Salina, Kan., or Kansas City, Mo.

We are in the market for elevators, buy or rent.

J. E. Weber & Co.

924 Baltimore Ave., Kansas City, Mo.
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Book On DOG DISEASES And How to Feed

Mailed free to any address by the Author.

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Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

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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
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24	2.40	7.68	40	4.00	12.80
25	2.50	8.00			

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We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee 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 discontinued or changed of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

SPRATERS-AUTOWASHERS. BIG COMMISSION. Easy sales. 5 days recently made Schaffer \$65. Write for free sample offer. Sprayer Co., Johnstown, Ohio.

SIDE LINE SALESMAN WANTED TO sell coal to your trade in carload lots. Earn a week's pay in an hour. For particulars write Washington Coal Co., 3534 So. Racine, Chicago.

LIVE WIRES EARN BIG MONEY SELLING dealers the best fabric, horse and mule collar ever made (patented). Experience unnecessary. Exclusive territory. Address at once. Goetz Saddlery Company, Ransom, W. Va.

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 \$2,312.67 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.

AGENTS, \$8 A DAY TAKING ORDERS FOR Insyde Tyres. Positively prevents punctures and blowouts. Guaranteed double tire mileage. Old worn out casings will give 3 to 5 thousand miles more service. No tools needed. Just slip inside casings before replacing tube. Will not heat or pinch. Kats made over \$500 first month. Biggest thing on the market. Low priced. Write for territory. American Accessories Co., B-1052, Cincinnati, Ohio.

BUSINESS OPPORTUNITIES

COLORADO YEAR BOOK, LATEST EDITION. Statistical information concerning state, counties and cities and towns of Colorado, including agricultural, industrial, financial, educational, tax data, etc., 75 cents cash or money order. Address State Board of Immigration, State Office Bldg., Denver, Colo.

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STORIES, PHOTOPLAYS, POEMS AND other manuscripts needed; particulars free. Writers Exchange, Oklahoma City, Okla.

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 18 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.

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

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

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.

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

ENTERTAINING AND INSTRUCTIVE FEAT- ure for women's clubs, grange meetings, school entertainments, etc. Young woman who has lived among America's oldest Indian tribe at Taos, N. Mexico, gives complete program in costume including tribal life and customs, legends, etc. For further information write Miss Mabel Thomas, 316 W. 7th St., Topeka, Kan.

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

GLOSSY KODAK PRINTS, "THEY TALK to you." Free 5x7 enlargement with every roll. Wolcott's, 825 Kansas Ave., Topeka, Kan.

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STAUDE MAK-A-TRACTOR IN FINE RE- pair. C. Dewey, Langdon, Kan.

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ALL MEN, WOMEN, BOYS, GIRLS OVER 17 willing to accept Government positions \$135 (stationary or traveling) write Mr. Ozment, Dept. 167, St. Louis, Mo., immediately.

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

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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 140 pages illustrated. Send for free copy today. Automobile Digest, 622 Butler Bldg., Cincinnati.

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TOBACCO, HOMESPUN SMOKING, 10 lbs., \$2.50; 20 lbs., \$4. Fine chewing, 10 lbs., \$3. Farmers Club, Mayfield, Ky.

HOMESPUN TOBACCO, 3 POUNDS, \$1; 10 pounds, \$2.50. Send no money, pay when received. Farmers Association, Jonesboro, Ark.

HOMESPUN SMOKING OR CHEWING TO- bacco collect on delivery, 5 pounds, \$1.60; 10 pounds, \$2.50; 20 pounds, \$4. Farmers Association, Paducah, Kentucky.

KENTUCKY TOBACCO—"SPECIAL BAR- gain." Send no money, pay for tobacco and postage when received. 10 lbs. 3 year old smoking, \$1. Farmers' Grange, Hawesville, Ky.

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.

FARM MACHINERY

WALLIS TRACTOR OWNERS, WRITE FOR literature on how to stop bearing trouble in your tractor. Ausherman Manufacturing Company, Talmage, Kan.

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LARGE STEAM THRESHING RIG, PRICED to sell. Phil Hannick, Canton, Kan.

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FIRST AND SECOND BINDER HITCH FOR tractor. E. D. Scovell, Protection, Kan.

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EVERY 25-50, PRICE \$650, \$200 PUTS IT in shape. Clarence Harden, Protection, Kan.

CASE 9-18 TRACTOR, RUN TWO YEARS. In good shape. C. Grandeen, Allen, Kan.

FOR SALE-NEW 12-20 HEIDER TRAC- tor three bottom now, \$950. Box 22, Hollis, Kan.

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20-32 NEW RACINE SEPARATOR, GOOD condition, real bargain. Liberal terms. Stants Bros., Hope, Kan.

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FOR SALE OR TRADE-ONE HYDRAULIC cider mill, capacity 3 barrels per hour. L. W. Abbott, Cheney, Kan.

SEVEN FOOT DEERING BINDER, LIKE new, \$100. Seven foot McCormick, \$45. William Byers, Linwood, Kan.

FOR SALE AT A BARGAIN-ONE 20-30 Autman-Taylor separator, good as new. Whiting Motor Co., Whiting, Kan.

PEERLESS 18, REEVES 20, OR ANY PART of Reeves. Also parts for Avery separator 36-60. Paul Herman, North Topeka, Kan.

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20-40 RUMELY TRACTOR, 32x50 RUMELY separator, 15x30 International and 28 Avery separator. All first class running order. H. C. Hardie, Macksville, Kan.

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FOR SALE-1 J. I. CASE THRESHING outfit consisting of 32x54 separator, 25-75 steam engine, water wagon, cook shack, shop wagon. Terms. Inquire Fred Walter, Lupton, Colo.

ONE 36x60 RUMELY SEPARATOR, RUN 40 days; one 25 H. P. Nichols & Shepard engine; new cook shack, water tank and wagon. Located at Turner, Kan. Zed Sprout, Copeland, Kan.

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FOR SALE-TWO 12-20 OIL PULLS, TWO 16-30 Oil Pulls, 12-25 Heider, 18-35 Titan, 25 H. Reeves steam, and others, some used separators and tractor plows. Priced to sell. Wakefield Motor Co., Wakefield, Kan.

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SWEET POTATO PLANTS-14 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

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NANCY HALL SWEET POTATO PLANTS, 500, \$1.75; 1,000, \$3; 5,000, \$13.50; postpaid. Kunhulwee Plant Ranch, Wagoner, Okla.

PURE DWARF BLACK HULLED KAFIR, 99% germination. Black Amber cane seed, \$1 bushel my station. John A. McAllister, Russell, Kan.

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STAG AND GREY HOUND PUPS FOR sale; from wolf killing parents. Wm. Martin, Jr., Diamond Springs, Kan.

TYPEWRITERS

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

FOR THE TABLE

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

MISCELLANEOUS

FOR SALE—3 SAMAN MILK GOATS, 1 buck at low prices. Will Cooper, McCune, Kan.

STRAYED

TAKEN UP BY GEORGE CRAMER OF Kanorado, Sherman county, Kansas, on April 4, 1922, 1 bay mare 6 years old, 3 bay geldings 6 years old, 1 mare colt, bay, 9 months old. Doris E. Soden, County Clerk, Goodland, Kan.

TAKEN UP BY C. M. BIGGER OF Morton county, Kansas, on May 1, 1922, 1 bay horse four years old, with white hind feet, blaze in face, and unknown brand on left fore shoulder. E. B. Peyton, Justice of the Peace, Richfield, Morton county, Kansas.

POULTRY

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

ANCONAS

ANCONA PAGE, SALINA, KANSAS. Reduced prices balance season. Free literature.

EGGS, \$5 100. SIX WEEK PEDIGREED cockerels; from trap-nested prize winners. Mating list and information free. Martins' Ancona Pens, Brookville, Kan.

Ancona—Eggs

IMPORTED AND SHEPARD STRAIN Ancona eggs. Extra good layers. Hogan tested, \$1 per 15; \$6 per 100. Satisfaction guaranteed. Shem Yoder, Yoder, Kan.

BABY CHICKS

BABY CHICKS, 8c UP. 1,000,000. FOR 1922. Twelve best breeds. Catalog free. Booth Hatchery, Clinton, Mo.

RHODE ISLAND RED AND WHITE Wyandotte chicks, 13c. White Rocks, 18c. Clarence Warren, Mankato, Kan.

BABY CHICKS—BUFF AND WHITE LEGHorns, Barred Rocks, White Wyandottes. Clay Center Hatchery, Clay Center, Kan.

BABY CHICKS, PURE S. C. BLACK MINORcas, 16c; S. C. Buff Leghorns, 13c. June delivery. Rhodes Hatchery, Clifton, Kan.

SINGLE COMB WHITE LEGHORN CHICKS, Barron 250 egg strain, 13c. Live delivery prepaid. Wylles Hatchery, Clay Center, Kan.

SINGLE COMB WHITE LEGHORN CHICKS for June. Write for reduced prices. We can fill your order. Myers Hatchery, Clay Center, Kan.

CHICKS, 8c UP. ALL VARIETIES. POST-paid. Guaranteed. Prompt shipment. Illustrated chick guide free. Superior Hatcheries, Windsor, Mo.

BABY CHICKS, S. C. WHITE LEGHORN Barron strain. Booking orders for June 21 and 25 at bargain prices. Queen Hatchery, Clay Center, Kan.

REDUCED PRICES JUNE, JULY, CHICKS, White Leghorns, Reds, Barred Rocks, Buff Orpingtons, Silver Wyandottes. Young's Hatchery, Wakefield, Kan.

QUALITY CHICKS—LEGHORNS, \$11 PER hundred; Reds, \$12; Plymouth Rocks and Anconas, \$13; White Wyandotte, \$14. Live delivery. Parcel post paid. Fleda Jenkins, Jewell, Kan.

BABY CHICKS—BARRED ROCKS, \$12 PER 100. Prepaid and live delivery guaranteed. Orders of 200 or more 10% discount. Money to accompany order. The Charma Hatchery, North Topeka, Kan.

BABY CHICKS AT WHOLESALE PRICES direct to you from our heavy laying flocks. Rocks, Anconas, Leghorns. Purchase direct and save money. Catalog free. Progressive Poultry Farms, Box 6, Holland, Mich.

BABY CHICKS, PURE BRED. ALL LEADING varieties from tested heavy laying strains. Prepaid. 100% live delivery anywhere. Satisfied customers in 30 states. Satisfaction guaranteed. Send for illustrated catalog. Loup Valley Hatchery, Box 98, Cushing, Neb.

ROSS BABY CHICKS, PURE BRED, VIGOROUS stock. 10-20 cents, prepaid, live delivery. White, Buff, Brown, Leghorns; Barred Rocks; White Rocks; Buff Orpingtons; Rhode Island Reds. Catalog free showing greatest incubator system in the world. Ross Hatchery, Junction City, Kan.

DAY OLD CHICKS—ROSE AND SINGLE Comb Reds, Buff, Barred and White Rocks, Single Comb White, Buff and Brown Leghorns, Buff Orpingtons, Black Langshans and Anconas. Good sturdy stock hatched in mammoth electric incubators. Prices right. Edward Steinhoff & Sons, Leon, Kan.

LOOK! 1 1/2 MILLION "JUST-RITE" BABY chicks for 1922, postage paid, 95% live arrival guaranteed. Month's feed free with each order. 40 breeds chicks. Select and exhibition grades. We have a hatchery near you. Catalog free, stamps appreciated. Nabob Hatcheries, Dept. 40, Gambler, Ohio.

BRAHMAS

PURE BRED MAMMOTH LIGHT BRAH-mas. 15 eggs, \$1.50. Cora Lilly, West-phalia, Kan.

Guinea—Eggs

WHITE AFRICAN GUINEA EGGS, \$1.25 15. Mrs. C. Nesselroad, Attica, Kan.

LARGE WHITE AFRICAN GUINEA EGGS, \$2.15, \$6 50. Mrs. Chas. Mills, Plainville, Kan.

HOUDANS

HOUDANS—PURE BRED HOUDAN EGGS, 15, \$2.25; 45, \$5.50; postpaid. Henry Haberman, Great Bend, Kan.

LEGHORNS

IMPORTED ENGLISH BARRON SINGLE Comb White Leghorns. Trap-nest bred to record 300 eggs. Eggs, cockerels. Bargains. Geo. Patterson, Richland, Kan.

SINGLE COMB WHITE LEGHORN COCK-erels eight weeks old from Hoganized flock, sired by 285-290 Mooney pedigree stock for three generations, \$1.50 each. James Ross, Belvue, Kan.

Leghorn—Eggs

SINGLE COMB BUFF LEGHORN EGGS, \$4 100. Mrs. S. F. Crites, Florence, Kan.

SINGLE COMB BROWN LEGHORN EGGS \$3.75 per 100 postpaid. Fleda Jenkins, Jewell, Kan.

PURE BRED ROSE COMB BUFF LEG-horn eggs, \$6 per 100 prepaid. R. F. Johnson, Dunlap, Kan.

SINGLE COMB WHITE LEGHORN EGGS. Now half price. Young strain. First prize winners Hutchinson. Jay Crumpacker, McPherson, Kan.

ROSE COMB BROWN LEGHORNS. 10 years in breeding stock for eggs, winter and summer with splendid result. Eggs, \$5 per 100. Baby chicks, 20c each. W. Giroux, Concordia, Kan.

GENUINE BARRON SINGLE COMB White Leghorns from imported stock. Eggs now \$4.50 per 100 prepaid. Fertility guaranteed. Catalog. Mrs. Clyde Meyers, Fredonia, Kan.

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 \$25 cock-erels heading flock. Eggs, \$6 100. Pure Tom Barron Single Comb White Leghorns. Perry Dietrich, Miltonvale, Kan.

Minorca—Eggs

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

Orpington—Eggs

WHITE ORPINGTON EGGS, \$4 100. MRS. Isabelle Sanford, Parkerville, Kan.

Plymouth Rock—Eggs

WHITE ROCK EGGS, 100, \$4.75; 50, \$2.50. Jenkins Poultry Farm, R. 3, Jewell, Kan.

BARRED ROCK EGGS, 100, \$6; 15, \$1.50. Hens, \$2.50. Mrs. J. B. Jones, Abilene, Kan.

BARRED ROCKS, BRADLEY STRAIN. Large bone. Yellow legs, heavy layers. 100 eggs, \$6; 15, \$1.25. Mrs. Ira Emig, Abilene, 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.

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.

Rhode Island—Eggs

PURE ROSE COMB RED EGGS FROM good layers, \$5 100. Mrs. Mark Brown, Wilmore, Kan.

PURE BRED RED TO THE SKIN ROSE Comb Rhode Island Red eggs, 15, \$1; 100, \$5.00. Dr. L. B. Cantwell, Syracuse, Kan.

SINGLE COMB REDS BRED FROM CHI-cago and Kansas City first prize winners, fine, large, dark, heavy laying stock. Eggs, \$2.50 per setting, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS FROM CHOICE stock, \$1 16; \$5 105. Mrs. Will Beightel, Holton, Kan.

BUFF WYANDOTTE EGGS, \$5 PER 100. Baby chicks, 14c. Jenkins Poultry Farm, R. 3, Jewell, Kan.

WHITE WYANDOTTES, MARTIN KEELER strain. 100 eggs, \$6; 50, \$3.50. Safe delivery guaranteed. Garland Johnson, Mound City, Kan.

SEVERAL VARIETIES

LANGSHANS, \$15; LEGHORNS, \$10 100. Chicks. Postpaid. Absolutely no better. Jno. Lovette, Mullinville, Kan.

BABY CHICKS—20 LEADING VARIETIES. Bred for heavy egg production. 1,000,000 chicks for 1922 via prepaid parcel post, safe delivery guaranteed. Satisfied customers in every state. 19th season. Catalog free. Miller Poultry Farms, Box 812, Lancaster, Mo.

POULTRY PRODUCTS WANTED

CASH BIDS ANY TIME ON BROILERS, hens, eggs. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

POULTRY SUPPLIES

RID YOUR POULTRY OF LICE AND mites with mineral dropped in drinking water. Formula furnished for seventy cents money order. Genevieve Waseka, Cold-water, Kan.

GET RID OF LICE AND MITES WITH Hagan sanitary roosts. No bother. Scientific application of time-tested remedy. Write for catalog. Sanitary Roost Co., Hope, Kan.

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

BARGAINS in bulls will be the order in Jackson county, Kan., in June when the Jackson County Breeders' Association will hold bargain sales to further the replacement of scrub bulls by purebreds.

The plan is to have the bulls appraised by a committee of breeders before they are brought to the sale. They will then be brought to a central point, usually the main street of one of the towns of the county, and a price tag marked with the appraisal value minus 20 per cent placed on each animal. The owner of the bull makes his own bargain with the buyer, but he is to sell the bull above the price marked on the tag.

Bulls will be sold to farmers wishing to replace scrub bulls. No man can buy more than one bull at any sale. The Jackson County Bankers Association will stand the expense of advertising the sales and will accept the note of any breeder wishing to replace a scrub bull with a purebred.

Good Holstein Sale at Lindsborg

Revived interest in dairy cattle is strongly manifesting itself. At the Central Kansas Holstein Sale, Lindsborg, Kan., May 18, an offering of 20 registered cattle, five of which were small calves sold at an average of \$144 to 12 buyers.

The 15 cows averaged \$164 and the calves, \$73. Top was a 2-year-old cow consigned by Dr. J. T. Axtell, Newton, Kan., that went for \$350 to Lewis Koenig, Solomon, Kan. In the grade cattle section of the sale 23 cows went to 16 buyers at an average of \$104. Top was a 4-year-old non-registered purebred consigned by Dr. Axtell that went for \$157.50 to R. P. McPherson, McPherson, Kan. Grades outsold purebreds in so far as values were concerned.

Cull the Herd

Why milk seven cows when more profit can be obtained from just one good producer? Yet that is what dozens of men in Kansas are doing every year, for, by the 1920 United States Census the average production of all Kansas cows is but 3,250 pounds of milk and 130 pounds of butterfat, the same average as that of the 10 lowest cows in Lyon County Cow Test Association which we consider too low to make a profit when labor and investment is considered.

But what of the cows below the aver-

age? Who owns those? Do you? Join a cow testing association and cull out the shallow bodied, slab-sided poor producer which makes dairying a thankless drudgery and is ruining the standard of the bovine race by dropping like offspring in the herd of the unsuspecting dairyman.

Recent Holstein Records

Recent Holstein records include three new state records in the 365 day division. Mercedes Julip Walker 2nd 441349, owned by Ira Romig & Sons, Topeka, stands first in the junior 3 year old class, making 19,766.7 pounds of milk and 780.48 pounds of butterfat. This exceeds the old record by only 0.38 pounds of butterfat, and ranks second in milk. Bonair Ormsby Pontiac 2nd 541024 owned by Collins and Van Horn at Sabetha, stands first as a junior 2 year old with 16,821.4 pounds of milk and 613.91 pounds of butterfat. This record has recently been passed by another cow in the same herd, which will be reported later. Miss Viola Mercedes De Kol 550904, bred and owned by Wm. C. Mueller of Hanover, stands first among the yearlings with 10,620.8 pounds of milk and 360.30 pounds of butterfat, this record being started when the cow was 1 year 10 months and 10 days old.

Lyon Association Gets Results

The Lyon County Cow Testing Association finished its second year's work with an average production of 7,522 pounds milk and 281.2 pounds butterfat as compared with 5,946 pounds milk and 216.3 pounds butterfat for the previous year or an increase of 1,576 pounds milk and 64.9 pounds butterfat.

Eight members were in the association for both years. It has been said by dairymen that one year's work in a cow testing association is sufficient to detect all poor cows and that it would not pay to continue testing. But these eight members thought differently and they increased the average production of all the cows in their herds by 51.6 pounds over the previous year.

Last year 311 cows were tested at some time during the year and 12 or 3.8 per cent were sold as unprofitable. This year a total of 292 cows were on test and 41 or 14 per cent were found to be below the profit returning class.

Low prices for dairy products the last year partly accounts for the larger number sold them for the previous year, but it is quite true that it takes

(Continued on Page 29)

Winners in Stock Judging Contest

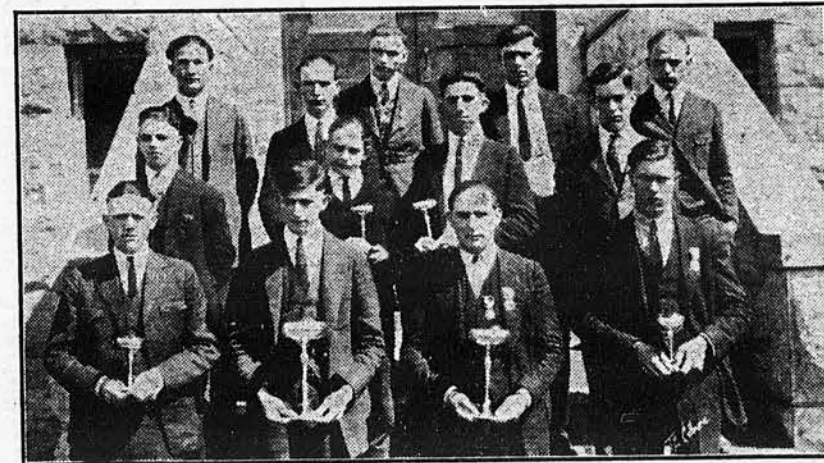
ONE of the most interesting and instructive contests conducted under the auspices of the Kansas State Agricultural College is the Annual High School Judging Contest held every year at Manhattan. Livestock judging contests were held in various counties of the state and the three young men making the highest scores were chosen to represent their county in the state contest at the Kansas State Agricultural College.

In the accompanying picture will be found the winners in the last Kansas State Livestock Judging Contest held recently. Reading from left to right they are as follows:

Bottom row: Lewis Howard, Vinland; Milburne Axelton, Manhattan; Louis Garrison, Marion, and Paul Hunsinger, Lawrence.

Middle row: William Roe, Vinland; Howard Platt, Manhattan; Roy Brooks, Marion, and Bradley Judy, Lawrence.

Top row: Clarence Craig, Vinland; Myron E. Russell, Manhattan; Lincoln Walz, Hays; Harry Bryam, Marion, and William M. Rice, Lawrence.



The Real Estate Market Place

There are 7 other Copper Publications that reach over a million and a half families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

All advertising copy must be in type or set type and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

REAL ESTATE AGENTS WANTED

R. E. AGENTS WANTED
To sell land along new Santa Fe in Haskell and Grant counties. Only real opportunity to sell land now. Write Griffith & Baughman, Liberal or Santa Fe, Kansas.

KANSAS

FARMS—For sale at pre-war prices. Address, Bogart, Fredonia, Kansas.

FINE large eastern Kansas farm; well imp. Particulars write H. Millar, Garnett, Kan.

80. WEST. KAN., excellent wheat land, \$15 to \$20 per a. Joe McCune, Elkhart, Kan.

SMOOTH, wheat lands. Reasonable price. Terms. Clement L. Wilson, Tribune, Kan.

150 ACRES, 1/2 mile town. Land lays well. Improvements fine, modern. \$125 acre. Franklin Co. Investment Co., Ottawa, Kan.

400 ACRES, Good, well improved farm land for sale. \$75 per acre. Terms. Act now. Col. J. Curtis, Osgood City, Kansas.

REAL ESTATE AND EXCHANGE. Give us your wants. We have it no matter where or what. N. Smith, Quinter, Kansas.

320 ACRES, Grant county on Santa Fe building from here. \$20 acre. Near new station. Terms. John D. Jones, Santa Fe, Kan.

S. E. KANSAS FARM, \$75.00 ACRE 150 acres highly and newly improved. Culver & Clay, Humboldt, Kansas.

GOOD 80 ACRE FARM, 2 miles east Miltonvale, Cloud Co. Good roads, excellent market. Fine schools. Price \$4,500. S. P. Smith, Route 1, Miltonvale, Kansas.

SEVERAL QUARTER and half section farms for sale. 1/2 section has 170 acres fine wheat, all goes with farm. F. D. Sperry, Ellsworth, Kansas.

160 ACRES, good level wheat land, adjoining Santa Fe, 80 a. cult., fenced and cross-fenced. \$25 a. Other good bargains. Address Jas. S. Patrick, Santa Fe, Kansas.

GOOD WHEAT QUARTER, unimp., 6 mi. from Quinter, \$4,500. Good ranch, 800 a., running water, 8 mi. out, imp. Will trade. Write for map. H. U. Porter, Quinter, Kan.

800 ACRE RANCH, Mitchell county. Owner retiring. Sell on long time, low interest or take wheat farm as part payment. J. E. Tice, 8d and Poplar, Beloit, Kansas.

KANSAS BARGAIN—Solid section, 9 miles Uteca, unimproved, rolling, all in grass, running water. \$20 acre. Terms. No trade. Jas. H. Little, LaCrosse, Kansas.

134 ACRES, good imp.; well watered; alfalfa land. Possession. Priced right for quick sale. Write for description and June list. Mansfield Land & Loan Co., Ottawa, Kan.

70 A., 6 mi. Ottawa, Kan. New imp.: \$110 a. 125 a. 2 mi. R. R. town, imp., \$80 per a. 160 a. all tillable; well imp.: \$100 a., good terms. Spangler Land Co., Ottawa, Kansas.

320 ACRE FARM, Linn Co., Kansas, 2 miles of Mound City, 1/2 bottom land in cultivation, balance hay land and pasture, fair improvements, priced at a bargain for quick sale. Address W. H. Purdy, care Peoples State Bank, Wichita, Kansas.

RATES

For Real Estate Advertising on This Page

45c a line per issue on 4 time orders.

50c a line per issue on 1 time orders.

Pay No Advance Fee Don't give option for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

KANSAS

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, 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.

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.

COTTONWOOD RIVER bottom land, 1/2 mi. school, 4 mi. county seat. 6 room house, wells, barn, sheds. A bargain. 200 acres, would divide. No trades. Owner, Box 56, Cottonwood Falls, Kansas.

280 ACRES, improved, north central Kansas, 7 mi. from R. station. 200 acres cultivation. Land slightly rolling. Price \$50 a. Trade for stock of mdse. \$5,000 mortgage. 3 yr. 7%. Lock Box 71, Wakeeney, 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.

BELONGS TO AN OLD MAN who wants to quit. 160 acres Franklin county, Kansas, 45 mi. Kansas City; all good land; all blue grass, timothy and clover except 30 acres; extra well improved; 1 mile of town; price \$105 per acre; loan half the money 6%.

FOR SALE—Dew Rock Farm. A new farm home with every modern convenience. Ideal location. Only 4 miles from city limits on the Capitol, Omaha and Tulsa highway, which will be hard surfaced this summer. One of the most desirable farm homes near Topeka. 205 acres or less. Address T. E. Sabin, R. 2, Topeka, Kan.

STANTON, GRANT AND HASKELL counties, Kansas, land. 1/2 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.

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 barn, crib, granary, finely located, near two good towns, school across the road, possession forced sale; \$95 per acre, attractive terms. Who can you duplicate it? See this farm. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

75 Acres For \$200. Only 22 mi. Wichita; 40 a. cult.; bal. pasture. 6-room house, barn, well, etc., poss. Only \$200 cash, \$300 Aug. 1, bal. \$500 yearly. R. M. Mills, Schweitzer Bldg., Wichita, Kan.

COLORADO

EASTERN COLORADO land for sale. Some trades. Gust Westman, Flagler, Colorado.

40 BUSHEL LEVEL WHEAT LAND, \$40 per acre, in the famous Burlington, Colorado District. Level, near market. Terms to suit. F. A. King, Owner, Burlington, Colo.

COLORADO

30,000 ACRES—Tracts 160 a. upward. Crop payment plan. Doll & Lamb, Lamar, Colo.

BEST Cheyenne Co. corn and wheat land, \$20 to \$40. Dutch Forrest, Kit Carson, Colo.

FOR SALE—Two 160 acre irrigated farms. 3 miles from railroad. Write for particulars. J. P. Endres, Owner, Vallarso, Colo.

160 GOOD, smooth land, unimproved, Kiowa county, Colorado, \$15 per acre; easy terms. J. Q. Greene, 409 17 St., Denver, Colorado.

30,000 ACRES, heart of Baca Co. farming belt. Wheat and corn average 30 bu. acre. Price \$15 to \$30. Chas. Stoner, Vilas, Colo.

320 ACRES, nice level land in Kit Carson county, Colo. Fenced. Price \$25 per acre. Can take in good auto on this, carry balance. J. M. Heffner, Burlington, Colorado.

BACA COUNTY LAND, \$15 to \$25 acre. Schools, churches, wheat, corn, 20 to 40 bu. acre. Two Rys. under construction. Prices advancing. Ellis & Norvell, Stonington, Colo.

EASTERN Colorado farm land, \$15 to \$25 per acre. Near railroad and in shallow water belt. Wheat 22 to 35 bu., corn 25 to 50 bu., fine watermelons and vegetables. Good terms. A. C. Furrow, Wild Horse, Colorado.

WE WANT SETTLERS, NOT MONEY If in earnest, pay but little down, balance over period 10 years. Irrigated land, near Rocky Ford, in Otero Co., Colorado, banner county U. S. Sugar beets, cantaloupes, honeydew melons, alfalfa, corn, wheat, etc. Don't wait. Colorado Immigration Agency, 204 Sedgwick Bldg., Wichita, Kansas.

READ THIS! ACT NOW! 560 acres adjoining the town of Springfield, Colorado. Well improved. Living water. Plenty of large shade trees. This is the best combination ranch in Baca Co. You will have to act quick to get this. Price only \$20.00 per acre. Half cash, balance liberal terms. No trades.

Otho Alexander, Springfield, Colorado.

ARKANSAS

BUY A FARM in western Ark., Logan Co. Health, fruit, poultry, dairying, agriculture. Free list. Robertson & Son, Magazine, 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 & Alsop, Mountainburg, Arkansas.

CANADA

Come to a country where irrigated land is cheap and production is high.

IRRIGATED FARMS IN SOUTHERN ALBERTA situated in the VAUXHALL UNIT of the BOW RIVER IRRIGATION PROJECT. Famous for Soil and Sunshine.

For full particulars apply: CANADA LAND & IRRIGATION CO., LTD., Land Dept. Medicine Hat, Alberta

FLORIDA

FLORIDA LANDS, wholesale, retail, or exchange. Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

IDAHO

IMP. 400 A. Irrigated. Cuts 325 tons hay. Joins forest reserve. \$45 acre. Terms. W. Reyburn, Owner, Lake, Idaho.

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.

\$1,000 DOWN buys good farm, Polk Co. good roads, rural mail, telephones, schools, churches, bargain prices.

West Realty Co., Bolivar, Missouri.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

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.

40 ACRES—TWO SETS IMPROVEMENTS, 2 COAL MINES, TEAM, WAGON

Crops, furniture included. Fine for poultry and dairying. 1/4 mile to stores, creamery, etc. Half tillage, woodland pasture, two dwellings, outbuildings. Good orchard. Everything 2,000, easy terms. Free catalog. E. M. Crum, Lamar, Missouri.

NEW YORK

IN NIAGARA COUNTY "million dollar fruit belt." Fruit and dairy farms for sale, all properties as represented. Colopy & Colopy, 13 West Ave., Lockport, N. Y.

TEXAS

RIO GRANDE VALLEY, TEXAS—40 acres irrigated land, price \$150 per acre. Easy terms or consider trades. Raise corn, alfalfa, truck, etc. W. Lingenbrink, Mercedes, Tex.

WYOMING

TO TRADE—652 A. improved ranch and farm. 6 mi. R. R. town, S. E. Wyo. 160 valley tillage, smooth 20 A. alfalfa. For smaller farm, ranch, mdse., or hotel.

J. H. Hart, Glendo, Wyoming.

LAND INFORMATION

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.

Plan Better Crop Methods

(Continued from Page 22)

Sedgwick—We have had a very wet and cool spring. There has been some damage by overflow but not a great deal. Spring work and cultivated crops are in a backward condition. Wheat is making a rank growth but with dry weather from now until threshing time there will be a good crop. Help is plentiful. Indications are that there will be a good fruit crop.—F. E. Wickham, May 27.

Stafford—Rainy weather still continues. Wheat is beginning to head. Corn has proved to be a better stand than was generally expected. Fruit prospects are exceptionally good. Farmers are cutting alfalfa. Pastures are in excellent condition but there is not as much stock as usual. Wheat is worth \$1.30; corn, 48c; butter, 20c and hens are 19c; springs, 30c; eggs, 18c.—H. A. Kachelman, May 29.

Stafford—We have had plenty of moisture which has improved the wheat considerably and prospects are encouraging for a big harvest in places where it got the proper start last fall. Corn is coming up and is ready for its first cultivation. Pastures are good. Wheat is worth \$1.25; corn, 50c.—S. E. Veatch, May 27.

Sumner—We are having plenty of rain for the growing crops. Wheat is excellent but oats are growing slowly. Corn planting is completed and wheat is up and is a good stand. Gardens are excellent and pastures are growing satisfactorily. The first crop of alfalfa is being cut and is making a good yield. Wheat is worth \$1.15; corn, 55c; butterfat, 27c; kafir, 75c and eggs are 18c; oats, 40c.—E. L. Stocking, May 27.

Wichita—The weather during the last two weeks has been warm and windy and the ground needs moisture. A large acreage of corn is being put out. There are more hogs in this county than there have been for years. Fat cattle are worth 6c.—Edwin White, May 28.

Wyandotte—Wheat is excellent. Corn planting is not completed. Pastures are fine and all kinds of livestock are in good condition. No public sales are being held. We are having dry weather and need some good showers. Peaches, apples, cherries, strawberries and grape prospects are satisfactory.—A. C. Espenlaub, May 29.

SALE OR EXCHANGE

SELL and exchange Franklin Co. land, \$75 a. and up. Lyman Dickey & Co., Ottawa, Kan.

LIST MDSE. with us for land and income. Triplett Land Co., Garnett, Kansas.

320 ACRES, bottom, 1/2 mi. R. R., high school. 285 cult., 80 alfalfa, 80 wheat, for hdw. or general mdse. L. S. Hoover, Eureka, Kan.

GOOD, CLEAR, 4-apartment, brick and stone bldg.; net income per year, \$2,000; owner will exchange for good farm. Write for particulars. Mansfield Land Mtg. Co., 312-13 New England Bldg., Topeka, Kansas.

IMPERIAL VALLEY, CALIFORNIA We have 240 acres of fine land in famous Imperial Valley of California. Present crop barley, will sow to alfalfa this fall. Price \$250 per acre. Mortgage \$10,000, due about 4 years. Want to trade this land for land that is clear of debt in Kansas, Missouri or Nebraska. California land is too far away for us. Write E. C. McKinsick, 907 Exchange Nat'l Bank Bldg., Tulsa, Oklahoma.

FORD AGENCY AND GARAGE. Want farm. Sales last year \$104,000, always been money-maker, good Kansas town, brick building. Handles all Ford parts, accessories, Fordson tractors. Poor health makes change necessary; price including building, \$28,000.

GARAGE—WANT FARM Town of 15,000, brick bldg., block court house, fine show room; contract for four counties for Studebaker cars. Price \$25,000. Mansfield Investment Co., Lawrence, Kansas.

REAL ESTATE WANTED

IF YOU HAVE a good farm for sale send description. Orden Oechall, Windsor, Mo.

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

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

FARM WANTED—For general farming and stock raising, must be a bargain. Send description and price.

John D. Baker, DeQueen, Arkansas.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price.

Morris M. Perkins, Columbia, Missouri.

LAND—VARIOUS STATES

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

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pacific Bldg., St. Paul, Minn.

\$750 Secures Equipped Farm With 38-Acres Growing Crops

Only mile town; 40 acres; good orchard; comfortable cottage, porch, pleasant view; barn, wagon shed; mules, cows, poultry, implements, 38 acres corn, potatoes, peas, fruit, garden truck, etc., included; to close, all \$1,500, only \$750 down. Details page 106 illus. catalog 1200 bargains free.

STROUT FARM AGENCY, 831GP New York Life Bldg., Kansas City, Mo.

LOANS AND MORTGAGES

Farm & Ranch Loans Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL & BREEZE
Topeka, Kansas

RATES

45c a line per issue, on 4 time orders

50c a line for 1 time

Enclose find \$..... Run ad written

below..... times.

Name.....

Address.....

COPY

Business and Markets

(Continued from Page 24)

a break in prices of 14 cents. About 5 1/4 million bushels of wheat were delivered in Chicago the last week in May, making a total for the month of 12 million bushels. In the last two weeks the May price fell 25 cents in Chicago and about 15 cents in Kansas City.

Trade in corn futures was dull and the market shows losses of 1/2 to 1 1/4 cents. Oats futures followed corn and prices are quoted unchanged to 3/4 cent lower in Kansas City. Chicago prices show losses of 1/2 to 1 1/4 cents.

The following quotations on grain futures are given at Kansas City:

May wheat \$1.21 1/2; July wheat, \$1.14 1/2; September wheat, \$1.11 1/2; May corn, 56 1/2c; July corn, 57 1/2c; September corn, 60 1/2c; May oats, 37c; July oats, 37 1/2c.

Kansas City Cash Grain Sales

All grades of wheat on cash sales in Kansas City are quoted as unchanged. Demand was fairly good. The following quotations are reported at Kansas City: No. 1 dark hard wheat, \$1.32 to \$1.55; No. 2 dark hard, \$1.31 to \$1.55; No. 3 dark hard, \$1.30 to \$1.53; No. 4 dark hard, \$1.29 to \$1.53; No. 1 hard wheat, \$1.25 to \$1.45; No. 2 hard, \$1.24 to \$1.45; No. 3 hard, \$1.22 to \$1.43; No. 4 hard, \$1.19 to \$1.39; No. 1 Red wheat, \$1.25; No. 2 Red, \$1.22 to \$1.23; No. 3 Red, \$1.19 to \$1.22; No. 4 Red, \$1.12 to \$1.16.

Cash sales of corn at Kansas City remains unchanged and demand is fair. The following sales are reported:

No. 2 White, corn 57 1/2c; No. 3 White, 57c; No. 4 White 56 1/2c; No. 2 Yellow corn, 59c; No. 3 Yellow, 58 1/2c; No. 4 Yellow, 58c; No. 2 mixed corn, 57 1/2c; No. 3 mixed, 57c; No. 4 mixed, 56 1/2c.

Other cereals are comparatively steady and prices show little change. The following quotations are given at Kansas City:

No. 2 White oats, 39 1/2c; No. 3 White, 39c; No. 4 White, 37 to 38c; No. 2 mixed oats, 38 to 38 1/2c; No. 3 mixed, 37 to 38c; No. 2 Red oats, 38 to 38 1/2c; No. 3 Red, 37 to 38c; No. 4 Red, 35 to 37c; No. 2 White kafir, \$1.29 to \$1.30; No. 3 White, \$1.28; No. 4 White, \$1.27; No. 2 milo, \$1.42 to \$1.45; No. 3 milo, \$1.44; No. 4 milo, \$1.39 to \$1.41; No. 2 rye, 93c; No. 3 barley, 57 to 58c; No. 4 barley, 55 to 56c.

Less Demand for Millfeeds

Demand for millfeeds is slackening and prices have been declining. Bran is about \$1 lower and shorts are in moderate request. The following quotations are given at Kansas City:

Bran, \$20 to \$21 a ton; brown shorts, \$22 to \$22.50; gray shorts, \$24 to \$24.50; linseed meal, \$53.50 to \$55.50; cottonseed meal and nut cake, \$54; cold pressed cottonseed cake, \$46; tankage, \$55 to \$60; No. 1 alfalfa meal, \$21 to \$22; No. 2 alfalfa meal, \$17.50 to \$18.50; brown alfalfa meal, \$15 to \$16; No. 1 molasses alfalfa meal, \$21; No. 2 molasses alfalfa feed, \$20; grain molasses horse feed, \$24 to \$27; grain molasses hog feed, \$37 a ton.

Hay at present is extremely scarce and prairie hay is the only hay that has been received in any quantity at Kansas City up to this time. The following quotations are reported at Kansas City:

Choice to fancy dairy alfalfa, \$25 to \$28 a ton; choice alfalfa, \$23.50 to \$24.50; No. 1 alfalfa, \$22 to \$23; standard alfalfa, \$18 to \$21; No. 2 alfalfa, \$14.50 to \$18; No. 3 alfalfa, \$11.50 to \$14; No. 1 prairie hay, \$12.50 to \$13; No. 2 prairie, \$10 to \$11.50; No. 3 prairie, \$6.50 to \$9.50; packing hay, \$4 to \$6; No. 1 timothy hay, \$18.50 to \$19.50; standard timothy, \$17 to \$18; No. 2 timothy, \$15 to \$16.50; No. 3 timothy, \$11.50 to \$14; light mixed clover, \$18 to \$19; No. 1 clover, \$16.50 to \$17.50; No. 2 clover, \$12 to \$15; straw, \$9 to \$10 a ton.

Seeds and Broomcorn

The following prices are quoted on seeds in Kansas City:

Alfalfa, \$11 to \$15 a hundredweight; cane, \$1.75; Sudan grass, \$6 to \$6.50; German millet, \$1.50 to \$2.25; hog millet, \$1.60; Siberian millet, \$1.25 to \$1.60; cowpeas, \$2.70 a bushel; soybeans, \$3; flaxseed, \$2.20.

The following sales of broomcorn brush are reported at Kansas City:

Fancy whisk brush, \$275 a ton; choice Standard, \$180 to \$220; medium Standard \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common Oklahoma Dwarf, \$110 to \$130.

What's New in Livestock

(Continued from Page 27)

more than one year to find out the true value or worthlessness of some cows in a cow-testing association. Not necessarily the high producing cow, but the consistent high producing cow is the profit maker and conversely the consistently low producer for a period of one year or more is the bank breaker.

Public Sales of Livestock

Shorthorn Cattle

June 15—Mitchell Bros. and Dr. M. F. Marks, Valley Falls, Kan.
Oct. 25—E. E. Heacock & Sons, Hartford, Kan.

Holstein Cattle

June 8-9-10—National Holstein-Friesian Assoc. sale, Convention Hall, Kansas City, Mo.
W. H. Mott, Sale Mgr., Herington, Kan.
June 16—E. S. Engle & Son, Abilene, Kan.
June 19—United States Disciplinary Barracks, Fort Leavenworth, Kan.

Duroc Jersey Hogs

Aug. 22—Dr. C. A. Branch, Marion, Kan.
Aug. 23—W. D. McComas, Wichita, Kan.
Aug. 24—Wm. Fuks, Langdon, Kan.
Aug. 30—F. H. Beck, Wichita, Kan.
Aug. 31—O. G. Criss, Agricola, Kan.
Sept. 26—James Conyers, Marion, Kan.
Oct. 17—M. A. Martin, Paola, Kan.
Oct. 18—W. T. McBride, Parker, Kan.
Oct. 20—Stafford County D. J. Breeders' Association, Stafford, Kan. Clyde Horn, Mgr., Stafford, Kan.
Oct. 21—Homer T. Rule, Ottawa, Kan.
Oct. 26—Fred J. Laptad, Lawrence, Kan.
Oct. 28—H. W. Flook & Son, Stanley, Kan.
Oct. 28—Pratt County D. J. Breeders' Association, Pratt, Kan. V. S. Crippen, Mgr., Pratt, Kan.

Feb. 5—G. M. Shepherd, Lyons, Kan.
Feb. 6—Wm. Fuks, Langdon, Kan.
Feb. 7—Zink Stock Farm, Turon, Kan.
Feb. 8—Stafford Co. Association, Stafford, Kan.
Feb. 9—Frank J. Schaffer, Pratt, Kan.
Feb. 10—Pratt Co. Association, Pratt, Kan. V. S. Crippen, Mgr., Pratt, Kan.

Poland China Hogs

Aug. 25—F. E. Wittum, Caldwell, Kan.
Oct. 19—Stafford County P. C. Breeders' Association, Stafford, Kan. E. E. Erhart, Mgr., Stafford, Kan.
Oct. 26—Fred J. Laptad, Lawrence, Kan.
Oct. 27—Pratt County P. C. Breeders' Association, Pratt, Kan. Mrs. C. J. Shanline, Mgr., Turon, Kan.

Spotted Poland China Hogs

Oct. 5—G. S. Wells & Son, Ottawa, Kan.

Sale Reports and Other News

Lookabaugh's Average \$337.45

H. C. Lookabaugh's Shorthorn sale held May 11 under adverse conditions was a very successful sale. Continuous heavy rains for several days preceding the sale made the roads almost impassable and kept many from attending the sale. In spite of all this, 31 head of cattle, nearly all of them yearlings, sold for \$10,455, an average of \$337.45. Six bulls averaged \$380.83 and 25 females averaged \$326.80. The top of the sale was Pleasant Missie 3d by Roan Lord. A beautiful bred Marr Missie selling in calf to Maxhall Commander. She went to J. A. Alderson of Nash, Okla., at \$650. The top bull of the sale was a white calf by Roan Lord and out of Imp. Arwagask Cowslip 2nd, selling to C. E. Doosing of El Paso, Tex., for \$600. Dr. W. I. Huddle of Oklahoma City; J. R. Whisler, Watonga; J. A. Alderson, Nash, and C. E. Doosing of El Paso and Asendorf Bros., Garden Plains, Kan., were among the good buyers.

Duroc Breeders to Hold Picnic

Mrs. Robt. Kempin, Corning, Kan., secretary of the north Kansas Duroc Jersey club writes that there is considerable talk about holding a picnic somewhere in northern Kansas, possibly at Blue Rapids July 4. If you are interested and will come write to either John O'Kane, president of the club, Blue Rapids, Kan., or Mrs. Robt. Kempin, Corning, Kan., secretary, at once and tell them you will come and that you will try to induce your neighbor Duroc Jersey breeder to attend. I will guarantee that John O'Kane will have a good place to picnic and that Blue Rapids will welcome members of the club if they decide to go. But the time is short, shall we picnic at Blue Rapids, July 4? Write today if you are for it.

Estes Postponed Shorthorn Sale

H. W. Estes, Sitka, Kan., Shorthorn sale originally dated for April 27 was postponed to May 25 on account of bad weather. Thirty-two buyers took 56 head, eight buyers of which came from Oklahoma and took 15 head. Thirty-six cows and heifers averaged \$129.30. Twenty bulls averaged \$107. Sale average on 56 head averaged \$121.30. A number of new men were started in the Shorthorn business at this sale. Eighteen buyers took one head each. The cattle were in fair flesh. A number were yearlings and most of them were plain bred. The individuality was generally good and the offering was very acceptable to the buyers who would have taken more females than the sale presented. Twenty-five head sold at or above the sale average. Top was the herd bull, Victoria's Dale by Baron Avondale, out of a Cruickshank Victoria cow that went to H. R. McDonald, Protection, Kan., for \$325. Second top was a two-year-old bull, same breeding, to C. T. Cummings, Kingstown, Kan., for \$260. Top cow by White Good Model sold for \$240 to W. Jackson, Sitka, Kan. The following is a representative list of sales:

BULLS

Victoria's Dale, 4 years, H. R. McDonald, Protection, Kan., \$325.00
Red Scotchman, 1 year, Strong Bros., Protection, Kan., 200.00
Victoria's Vic, 2 years, C. T. Cummings, Kingstown, Kan., 260.00
Erin Lord, 2 years, G. Dome, Sitka, Kan., 100.00
Belle's Pawnee, 2 years, Edward Deewall, Coldwater, Kan., 95.00
Viola's Bill, 1 year, H. H. Hester, Ashland, Kan., 77.50
Johnny Bole, 1 year, C. J. Pettigrew, Buffalo, Okla., 67.50
Roxie's Rock, 1 year, E. Long, Acres, Kan., 95.00
Daisy's Pawnee, 1 year, Alvin Sawyer, Willard, Okla., 50.00
Bonnie Lee, 11 months, C. W. Dillman, Ashland, Kan., 57.50
Duddy Fulton, 9 months, F. Loesch, Sitka, Kan., 47.50
Golden Gift, 1 year, C. H. Goss, Protection, Kan., 75.00
Ira Jones, 1 year, Clell Dodson, Ashland, Kan., 47.50
Josie's Duke, 1 year, P. Waugh, Buffalo, Okla., 72.55

FEMALES

Lona Toga, 7 years, G. W. Rohrer, Buffalo, Okla., 167.50
Alamo Gipsy, 4 years, Clay Thomas, Ashland, Kan., 150.00
Rose, 3 years, Ben Bird, Protection, Kan., 140.00
Rose Pride, 5 years, W. Jackson, Sitka, Kan., 160.00
Stella Land, 5 years, Geo. Esplund, Bloom, Kan., 172.50
Red Mayflower, 4 years, J. E. Burch, Sitka, Kan., 127.50
White Pearl, 1 year, E. S. Dale, Protection, Kan., 80.00
Pride's Daisy, 1 year, F. York, Sitka, Kan., 100.00
Lona Tigo, 1 year, R. R. Hickman, Willard, Okla., 82.50
Viola White, 7 years, W. B. Hale, Buffalo, Okla., 115.00
Pearl White, 4 years, J. C. McDonald, Protection, Kan., 172.50
Viola's White Rose, 2 years, C. E. Porter, Buffalo, Okla., 125.00
Lona's Lady, 4 years, Geo. Fox, Ashland, Kan., 160.00
Bonnie Belle, 10 years, L. C. McInteer, Minneola, Kan., 107.50
Pretty Maid, 4 years, J. O. Johnston, Ashland, Kan., 175.00
Goldie, 1 year, C. E. Keck, Charleston, Okla., 145.00

Field Notes

BY J. W. JOHNSON

Leo Healy, Hope, Kan., offers for sale 14 Hereford cows, six calves and a herd bull. He will trade them for Holsteins of equal value, either part or all of them. These Herefords are of Anxiety breeding, all reg-

SWAMPED WITH INQUIRIES AND SOLD OUT

Kansas Farmer and Mail and Breeze: Please discontinue my bred sow and gilt advertisement in your paper. I have been swamped with inquiries and am sold out.—S. D. Shaw, Williamsburg, Kan., Breeder of Duroc Jersey Hogs. April 5, 1922.

DUROC JERSEY HOGS

Introducing Giant Sensation

The unequalled breeding son of Great Orion Sensation. Dam by Great Sensation. I have 160 outstanding spring pigs by him. W. H. Rasmussen, Box K, Norfolk, Neb. Bred sow sale, August 3.

ValleySpring Durocs

SENSATIONS — PATHFINDERS — ORIONS Boars all ages. Sows and gilts bred to outstanding boars for July and August and September litters. Immunized, guaranteed breeders and pedigrees. Year's time if desired. E. J. Bliss, Bloomington, Kan. (Osborne Co.)

Big Type Durocs

Registered weanling pigs and fall boars by the great boar, Chief Wonder's Pride and Jack's Great Orion 1st, quality and breeding hard to beat. Let me tell you how I happen to have these real Durocs and why I am going to sell at so reasonable prices. Immunized. HERB J. BARE, E. R. 3, LARNED, KAN.

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

A Few Outstanding Fall Boars

by Major Sensation's Col., 1922 Kansas Nat'l grand champion, and by his litter brother, Major's Col. Sensation. Priced right. The home of champions. J. F. LARIMORE & SONS, GRENOLA, KAN.

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

SHEPHERD SELLS SOWS AND GILTS

Now offering sows and gilts, bred or unbred, and spring pigs as well as herd sire kind of boars. Herd headed by Sensational Pilot and Sensational Giant. G. M. SHEPHERD, LYONS, KANSAS

125 Purebred Duroc Pigs

Registered pairs and trios sired by Royal Sensation and Orion Critic. Best of big type breeding. Amherst Duroc Breeders' Ass'n., R. D. Wyckoff, Sec'y, Luray, Kansas.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Herdier Pathfinder and Valley Wonder Sensation. E. C. MUNSSELL, RUSSELL, KANSAS.

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

PATHFINDER AND GREAT ORION GILTS Bred or unbred. A good breeding grandson of Pathfinder. Harold Shuler, Hutchinson, Kan.

DUROC JERSEY BOARS FOR SERVICE Sire General Sensation. Melvin Mischler, Bloomington, Kansas

POLAND CHINA HOGS

BIG TYPE POLANDS

2 choice fall boars, real herd headers, \$35 each. Also a few choice March pigs, boars \$12.50, sows \$15, while they last, pairs or trios not related. All guaranteed to please or your money back, best blood lines, the big smooth kind. S. E. WAIT, LAWRENCE, KANSAS

Giant Bob Wonder

Fall boars priced to sell. Also boars by Jumbo Joe. Come and see them or write for descriptions and prices.

O. R. STRAUSS, MILFORD, KANSAS

DEMING RANCH POLANDS

Four October and November Latehite boar pigs \$50 each. Other choice September and October boar pigs. 300 spring pigs. We are booking orders for spring pigs now. Get a Latehite pig while you can. H. O. Sheldon, Supt. Swine Dept., Oswego, Kansas

TELL MULLIN YOUR WANTS

Bred or open fall gilts, fall boars, spring pigs both sex by sons of Columbus Wonder and Big Bob Jumbo, both state champions. L. L. MULLIN, Walnut, Kan.

Weanling Poland for Sale

Boar pigs sired by Giant Style from dams of the best breeding. Satisfaction guaranteed. L. M. Burke, R. R. 5, Pittsburg, Kan.

GOOD, GROWTHY POLAND CHINA BOARS by Valley Jumbo of fall farrowing, from big litters. Price \$20 and \$25, satisfaction guaranteed. E. M. Wayne, Burlington, Kansas.

FAIL BOARS AND GILTS by W's Giant and Geraldine 2nd out of Big Bob Jumbo and W's Yankee dams. Immunized. W. E. Nichols, Valley Center, Kansas

POLAND CHINA BOARS—Two tried Poland boars, exceptional breeders. Cannot use them longer. Write for particulars. Ferrigo Bros., Parker, Kansas.

CHESTER WHITE HOGS

CHESTER WHITE BOARS

Fall boars, wt. 175 to 225 lbs., by Chief Justice 2nd and Alfalfa Model, big type breeding, prize winning blood. Weanling pigs, special prices on trios, not akin. Everything immunized. Shipped on approval. Write for circular. Alpha Wiemers, Diller, Nebraska.

January and February Boars

by Chief Justice 2nd and a son of Prince Tip Top out of big fall yearling dams. \$20-\$30. Satisfaction guaranteed. C. A. CAREY, EDNA, KANSAS

O. I. C. Pigs, \$10.00 Each

Either sex. E. S. Robertson, Republic, Mo.

O. I. C. Spring Pigs, Sows and Boars

Ready to ship. Harry Haynes, Grantville, Kan.

CHESTER WHITE GILTS

August bred gilts and January open gilts, also weanlings. Verg Curtis, Larned, Kan.

First Annual Sale

of the Barton County Livestock Improvement Association, Fair Grounds,

Great Bend, Kan., Wednesday, June 7

50 purebred Percheron horses, Shorthorn cattle, 1 Holstein bull, 1 Jersey bull, Polands, Durocs and Chester White hogs, including animals whose breeding is as good as can be found anywhere. This stock will be consigned by the following well known breeders: Ewing Bros., Harry Bird, F. G. McKinney, E. J. Hartman, Elmer Bird, Frank Keilam, J. Glenn Axteel, John Nairn, Fred Kelley, J. M. Reigel, F. W. Bartholomew, Breeden & Stone.

This will be an opportunity to secure foundation males and females of remarkable value and at your own price. Catalogs mailed on request to R. E. WILLIAMS, GREAT BEND, KAN.

HORSES AND JACK STOCK

35 Head of Registered Jacks

as good as grown, 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

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. Mineman's Jack Farm, Dighton, Kan.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer

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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.

DAN O. CAIN, Beattie, Kan. Livestock Auctioneer

Write for open dates. Address as above.

HOMER BOLES, RANDOLPH, KANSAS

Purebred stock sales, land sales and big farm sales. Write or phone as above.

HAMPSHIRE HOGS



Walter Shaw's Hampshires

300 HEAD: REGISTERED, Immunized, tried bred sows and gilts, serviceable boars.

WICHITA, KANSAS, RT. 6, Telephone 3918, Derby, Kan.

WHITEWAY HAMPSHIRE ON APPROVAL

Choice fall boars and gilts. Big hardy fellows sired by the champion. Immunized pairs and trios not related. F. B. WEMPE, FRANKFORT, KANSAS.

Jefferson County Shorthorns

Featuring selections from two leading herds. 45-30 Females,
15 Bulls-45. Sale in Pavilion, Fair Grounds,

**Valley Falls, Kan.,
Thursday, June 15, 1922**

30 cows and heifers bred to or with calves at foot by these bulls: Bessie's Dale, Butterfly Lad, Clipper Dale. Pure Scotch and Scotch topped dams. Dales, Diamonds, Lancaster and Butterfly families. This offering consists of a draft from each of two prominent herds of northeast Kansas. The selections are made with the idea of advertising their respective herds as well as selling some surplus cattle. There will not be an inferior animal in the sale. For the sale catalog, now ready to mail, address either

**Dr. M. F. Marks, Mark's Lodge, or
Mitchell Bros., Bessie's Dale Stock Farm,
Valley Falls, Kansas**

Auctioneers: Jas. T. McCulloch, Geo. W. Berry, J. W. Johnson,
Fieldman, Mail and Breeze.

HEREFORD CATTLE

Western Kansas Bulls

40 Hereford Bulls
25 Shorthorn Bulls

These bulls are yearlings, big rugged, big boned bulls of splendid blood lines. Write for prices and descriptions.
C. G. COCHRAN & SONS, HAYS, KAN.

SHORTHORN CATTLE

DAIRYMEN, ATTENTION

Small herd of purebred Shorthorns, sale or trade for dairy cattle. Also Hampshire boars. Wilson Counts, Baldwin, Kan.

JERSEY CATTLE

To Kansas Jersey Breeders:

The Kansas Jersey Cattle Club was organized four years ago to boost and promote the Jersey cow and help Jersey breeders in Kansas. It has been our aim to accomplish this and it is important that we have the support of every Jersey breeder in the state. Join our club and help us to do some real constructive promotion work for Jersey cattle. The annual membership dues are \$5. You are invited to attend our annual meeting and picnic at Holton, Kan., on June 7.

C. C. Coleman, Pres., Sylvia, Kan.
R. A. Gilliland, Sec'y-Treas., Denison, Kan.

Closing Out Reg. Jerseys

One cow six years, just fresh, 40 lbs. milk, two lbs. butter per day. One three-year-old cow fresh next fall milking now. A fine individual. One bull two years old has record of nine heifers out of ten calves.
R. G. BOWMAN, PAWNEE ROCK, KAN.

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

Reg. Jerseys For Sale

Young cows and heifers. 2 yr. old bull, one bull calf. Accredited herd. R. O. McKee, Marysville, Kansas.

Scantlin Jersey Farm, Savonburg, Ks.

Financial Kings, Raleigh and Noble of Oakland breeding.

Two Purebred Jersey Bull Calves

for sale cheap. A. C. Dodd, Linn, Kansas.

JERSEY BULLS—Calves to serviceable age by grandson of Jacoba Irene out of high producing dams. L. A. Poe, Hunnewell, Kan.

BULLS OUT OF REGISTER OF MERIT dams, for sale. Herd Federal accredited. Sylvia Jersey Ranch, Sylvia, Kansas

When writing advertisers mention this paper

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
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FOSTER'S RED POLLED CATTLE
A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

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

RED POLL BULLS, calves to yearlings, by Fulbert, a real sire out of prize winning dams.
C. O. Wilson, Rantoul, Kansas.

POLLED SHORTHORN CATTLE

Reg. Polled Shorthorns

Representing blood lines of champions and some of the greatest families of the breed. Males and females for sale, \$60 to \$200.
J. C. BANBURY & SONS, PRATT, KANSAS

POLLED SHORTHORNS

Both bulls and females for sale at prices according to times. C. M. HOWARD & SONS, HAMMOND, KAN.

GLENROSE LAD 506412
the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address
R. M. Anderson, Beloit, Kansas.

ROAN HERD BULL SIRE, Meadow Sultan, white bull 7 months old. Priced to sell.
Clarence Meier, Abilene, Kansas

AYRSHIRE CATTLE

Ayrshire Cows, Heifers, Bulls

Young cows in calf or with calf at foot, yearling heifers, bulls of serviceable age, calves both sex. High producing families. Tuberculin tested.
R. W. CUMMINS, PRESCOTT, KANSAS

SPOTTED POLAND CHINA HOGS

CLOVERDALE SPOTTED POLANDS

Big, husky pigs, late February and early March farrow, the tall, big boned, stretchy kind, weight 60 to 80 lbs., sired by Royal Duke 45063 (son of Y's Royal Prince 6th) and Silver King (an O & K's Prize) out of 500 lb. sows. Plenty of English Chief Plunder and Big Type blood. Shipping these pigs at \$25.00 each, unrelated trio for \$70.00. Everything registered and vaccinated. Guaranteed to suit you or money back.
WM. M. ATWELL, BURLINGTON, KAN.

Gilts Bred to Son of Grand Champion

Leopard King. A few tried sows and spring pigs, grand sire Arch Back King. Also good herd boar. Everything immune. T. L. Curtis, Dunlap, Kansas.

Spotted Poland, Both Sexes

Big type and English. C. W. Weisenbaum, Altamont, Kan.

SPOTTED POLAND CHINA Weaned boar pigs, extra good, well marked. Farmers prices. Satisfaction guaranteed. W. T. Jones & Son, Tonkawa, Okla.

GREENLEAF'S SPOTS. Classy bred gilts, \$40. Registered in National. Immune. Guaranteed. J. O. Greenleaf, Mound City, Kan.

istered and really very choice cows. Write if you want to buy or trade.—Advertisement.

O. R. Strauss, Milford, Kan., starts his advertisement again in the Poland China section of the Mail and Breeze. He offers last fall boars, big fine ones by Giant Bob Wonder and Jumbo Joe and out of the big sows he sold in his sale last February. They are good and no mistake and priced right. Ask him for descriptions and prices at once.—Advertisement.

The Kansas Jersey Cattle Club.

Kansas Jersey cattle breeders should look up the advertisement of the Kansas Jersey Cattle Club in this issue. The club is doing good work in the interest of the Jersey breeders of Kansas and every Jersey breeder in the state should hold a membership in the club. Look up their advertisement and write R. A. Gilliland, Secretary, Denison, Kan.—Advertisement.

Engle & Son's Holstein Sale

The E. S. Engle & Son sale of surplus registered Holsteins at the farm joining Abilene, Kan., June 16, is advertised in this issue of the Mail and Breeze. This is the eighth sale of purebreds made by the Engles and you never heard a complaint in your life about the treatment received in an Engle sale. Just write for the catalog right now if you are interested in Holsteins. Address, Elmer Engle, Abilene, Kan.—Advertisement.

Kansas Holsteins in National Sale

Kansas Holstein breeders have gone to the National at Kansas City with consignments that every Kansan there next week is going to feel proud of. Every Kansas consignor has contributed only such animals as would prove a credit to their state. Every Kansas breeder who is there next week should make it a point to visit the Kansas consignments just as soon as he gets to Convention Hall and congratulate the consignors from the Sunflower state on their offerings.—Advertisement.

Hall Holsteins

Hall Bros., proprietors of Western Holstein Farms, Denver, Colo., are consigning a son, Western Colantha Sir Top, and a daughter, Western Ormsby Ascalon, of the great producing cow, Western Ascalon, to the national at Kansas City, Mo., next Thursday and Friday, June 8-9, that should be seen by every breeder at this sale before he finally marks up his catalog. Kansas Holstein breeders are especially invited by the Halls to visit their consignment as soon as they get to Convention Hall.—Advertisement.

Bohlen Bros.' Durocs

Bohlen Bros., Downs, Kan., Osborne county, are Duroc Jersey breeders that have had good luck this spring with their pig crop. I have a letter from them in which they report over 100 spring pigs. They remind me that they have never held a public sale but have had splendid results by advertising in the Mail and Breeze. They say they will soon have bred sows and gilts to sell and that right now they would sell a herd boar, Sensation Giant, just two years old and a good breeder.—Advertisement.

C. G. Cochran & Sons' Offering

C. G. Cochran & Sons, Hays, Kan., offer 40 Hereford bulls, yearlings that are grown on their big western Kansas ranch and sired by one or the other of the Cochran herd bulls that you have heard so much about because of the breeding and individual merit. They are out of splendid breeding cows. They also offer 25 Shorthorn bulls of the same age that are equally well bred. If you want a herd bull or a car load of bulls write to C. G. Cochran & Sons, Hays, Kan., for descriptions and prices.—Advertisement.

The Amherst Duroc Breeders Association

The Amherst Duroc Jersey breeders association is a concern organized by leading Duroc Jersey breeders in the vicinity of Luray, Kan., Russell county, for the purpose of advertising their surplus stock jointly. They are all breeders of registered Duroc Jerseys and offer thru this association only animals suitable for breeding purposes. The association is starting its advertisement in this issue of the Mail and Breeze and offers 125 spring pigs weaned and ready to ship in pairs and trios. You will find the prices very reasonable.—Advertisement.

A. R. Enos Offers Poland Boars

A. R. Enos, Hope, Kan., offers two splendid herd boars for sale and at attractive prices to anyone wanting a real herd boar. Mr. Enos is well known to Mail and Breeze readers familiar with Poland China affairs in Kansas. Knox All Hadley and Orphan Chief were two Enos boars that were popular a few years ago. San Louis Valley Timm and Rainbow Archer are the two herd boars he wishes to sell. He has about 50 splendid spring pigs. If you want a herd boar write to him for descriptions and prices.—Advertisement.

Engle & Son's Holstein Sale

E. S. Engle & Son's eight purebred Holstein-Friesian sales have been sales of the kind that really count in building up the Holstein business in Kansas. The Engles know good cattle and what is equally as important is the fact that they are good care takers and real dairymen. None of these sales have been speculators sales but very one of them select offerings that they were willing to stand back of and the kind of cattle that popularize Holsteins. The Engle herd is a working herd 365 days in the year. That is one of the important things to know when you are buying Holsteins, that there have been men producing the surplus that was demanding production more and more all the time. There never has been a better place to buy Holsteins in Kansas than in the Engle sales and this coming sale will prove another of the same kind only it is going to be stronger in good records than any previous sale. It is to your advantage to investigate this sale if you want production. You will get greater values here than in any sale of recent date in Kansas. Ask Elmer G. Engle, Abilene, Kan., for the catalog.—Advertisement.

U. S. Disciplinary Barracks Holstein Sale

The United States disciplinary barracks herd of Holstein-Friesians at Fort Leavenworth, Kan., is recognized as one of the strong herds of purebred Holsteins to be found anywhere. As you likely know if you are familiar with Holstein affairs this is one of the largest herds in the country and certainly one of the strong herds. Naturally the size of the herd has made the increase very heavy and on the other hand

the supply of laborers at the barracks has decreased. For this reason it has been decided to reduce the herd and June 19 is the date of the important reduction sale which will be held at the barracks, Fort Leavenworth, Kan. There will be in this sale a rare chance to buy females with established records and their sons and daughters. By looking up the advertisement in this issue of the Mail and Breeze you will see that it is a sale of extraordinary opportunities for the purchase of high class cattle. Kansas breeders know Major Harding Polk, for the interest he has taken in Holsteins in general but more especially in Kansas and Missouri Holstein affairs. Major Polk invites all interested in Holsteins to Fort Leavenworth, June 19. Whether you are a buyer or not you will be mighty welcome and you are cordially invited. If you will send him your name and address at once he will see to it that you get the sale catalog promptly. Address Major Harding Polk, Fort Leavenworth, Kan.

Mitchell Bros. and Marks Shorthorn Sale

Mitchell Bros. and Dr. M. F. Marks, two Shorthorn breeding firms at Valley Falls, Kan., are holding a combination sale at the fair grounds, Valley Falls, Kan., Thursday, June 15. It should be termed a joint sale rather than a combination sale because only the two are selling in it and each breeder is selecting cattle that enables him to do a little advertising for his herd as well as sell some surplus cattle. As neither breeder has tailed his cattle and fitted them for the sale it is to be expected that at this time of the year they will not be in as showy condition as they should be to sell to the best advantage. But these sales are to be permanent things for Valley Falls, in fact one was held a year ago and it is the intention of these breeders to sell cattle that will go on the farms and breeding establishments of the country and do well and they are sure to do so when grown and conditioned for sale under these conditions where they are handled just like the cattle are handled that are staying on the farm. Forty-five head will sell in this sale, 30 of them cows and heifers that are either bred or have calves at foot by three herd bulls, Bessie's Dale, Butterfly Lad and Clipper Dale. There is Scotch and Scotch topped breeding thru the sale that is of real merit and will be appreciated sale day I am sure. Families such as the Dales, Diamonds, Lancaster and Butterflies are represented and thru blood lines that will be found popular. The catalog is ready to mail and you can have it by addressing either Mitchell Bros. or Dr. M. F. Marks, either of them at Valley Falls, Kan. Look up their advertisement in this issue of the Mail and Breeze.—Advertisement.

Leo Healy's Durocs

Leo Healy's spring crop of Duroc Jersey pigs would be a credit to any breeder. Mr. Healy is the Duroc Jersey breeder that held bred sow sales Feb. 1921 and 1922 at the farm joining Hope. In each sale he sold a very creditable offering and has scattered some good Duroc Jerseys over that section of the state. He enjoyed a good local demand in each sale which is a real compliment to any breeder. Both last winter and the winter before he bought liberally bred sows around the top in a number of good Kansas sales. A nice lot of his spring crop of pigs, about 80 head in all, are by the great Boar, Lady's Col. Orion, one of the best bred boars ever owned in that section and the boar that Mr. Healy was unfortunate enough to lose last winter. He was a grandson on both sides to Joe Orion 2nd. His sire, John's Col. Orion and his dam, Orion Lady 17th were themselves great animals of the breed. Both being sired by Joe Orion 2nd made him one of the best boars ever owned in central Kansas. A number of his daughters are still in the herd and a nice lot of the spring pigs are by him. Leo's King Orion, an intensely bred Orion Cherry King boar and Shamrock Orion Sensation, another boar strong in the blood of the Orion Cherry Kings are other sires in the herd and the balance of the spring crop are by them. Mr. Healy will sell again next February in the Central Kansas sale circuit about the same time that he did last February. He recently bought a young boar, one year old in June, of splendid blood lines and a very promising individual which he will use on the sows that go in his 1923 bred sow sale. He is a grandson of great Orion Sensation, the national grand champion in 1919 and again in 1921. His dam was V's Lady, a splendid producing sow by Great Wonder I Am. The sire of Mr. Healy's new boar sold during the winter to John Loomis, Emporia, Kan. for \$12 and will be used at the head of the Loomis herd. Remember the Healy Durocs at Hope, Kan., this fall when you want a boar.—Advertisement.

BY J. T. HUNTER

The Barton County Livestock Improvement Association will hold a public sale of purebred livestock at the fair grounds at Great Bend, Kan., June 7. The offering

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 a desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:
W. F. 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

will include Percheron horses, Shorthorn cattle, Holsteins and Jersey cattle, also Poland China, Duroc Jersey and Chester White hogs. For catalog send to R. E. Williams, Great Bend, Kan.—Advertisement.

Harold Shuler, Hutchinson, Kan., offers bred or unbred Duroc gilts and a good aged boar. Write him.—Advertisement.

Want any of our good big early spring Chester White boars? They are sired by Chief Justice 2nd and a son of Prince Tip Top. Satisfaction guaranteed. Write today to C. A. Carey, Edna, Kan.—Advertisement.

G. M. Shepherd's Durocs

Sensational Giant is one of G. M. Shepherd's, Lyon, Kan., good Duroc sires but in Sensational Pilot, 1920 grand champion at Topeka, he has a boar that surpasses anything we ever saw for mellowness and smoothness for a boar at his age and used as much as he has been. This is a real show and breeding sire. Mr. Shepherd will hold no fall sale but sells in February.—Advertisement.

G. M. Shepherd's Durocs

G. M. Shepherd, Lyons, Kan., is now offering some choice Duroc sows and gilts, bred or unbred, and spring pigs as well as herd sire material. Shepherd's herd is one of the best in the country headed by the 1921 Topeka grand champion, Sensational Pilot, and another high class boar, Sensational Giant. The change in color is made with this issue. Write Mr. Shepherd at once, mentioning Kansas Farmer and Mail and Breeze.—Advertisement.

Will Fuks Buys New Herd Boar

Will Fuks, Langdon, Kan., recently bought a fall boar by Great Orion Sensation, 1919-21 world's grand champion Duroc boar. This pig's dam is by Great Orion, 1918 world's grand champion boar. The pig looks like a winner. Mr. Fuks' nine best sows farrowed over 90 pigs this spring and have saved 73. Seven of the litters are by his sire, Pathfinder Jr. by Old Pathfinder, and the quality of these Pathfinder pigs proves beyond doubt that Pathfinder Jr. is a good breeding boar. In addition to holding a February sale Mr. Fuks will hold a sale August 24.—Advertisement.

Zink Stock Farm Durocs

Zink Stock Farms, Turon, Kan., is a large widely known and successful Duroc breeding establishment but hard luck camped on its trail this spring and the pig crop is way below normal but what were saved are good ones and coming nicely. Zinks recently added another sire, a fall pig by Pathmaster. Pathmaster pigs are popular in Kansas because all sires of that strain introduced into Kansas are proving themselves deservedly popular and from the appearance of this young Pathmaster boar he will make good also. Zinks will hold no fall sale but will sell in February as usual.—Advertisement.

Meyer's Spotted Polands Do Well.

W. Meyer, Farlington, Kan., has sold practically all of his Spotted Poland boars of serviceable age and now offers bred gilts and weanling pigs. The gilts are bred for June, July and August farrow, a few for September farrow. These gilts are strictly choice and offered at very reasonable prices. Most of them are bred to Jumbo Gates, a good big boned and good footed hog that has breeding galore behind him. The gilts are worth your consideration if you are looking for the up to date good ones. Mr. Meyer has a good herd from which he has sent out many Spots all over the state and the southwest. This is one of the best herds of the country. Write him today mentioning Kansas Farmer and Mail & Breeze.—Advertisement.

Deming Ranch Polands

Deming Ranch, Oswego, Kan., H. O. Sheldon, manager, has one of the largest herds of Polands in Kansas or the southwest. From this herd have gone perhaps more Polands for improving or founding herds than have gone from any other Poland herd in Kansas. There are more than 300 spring pigs on the ranch. A number of these by Latchnite have gone to Nebraska and Iowa. Parties wanting something good should get a Latchnite pig. Book your order now. There are for sale good September and October boars some of them out of a litter mate to Big Bob's Jumbo. There is also a number of gilts and yearling sows for September and October farrow ready for sale. Write H. O. Sheldon today in regard to what you want. The herd is sufficiently large and good enough to take care of whatever your needs may be. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

BY R. A. MCCARTNEY

W. H. Rasmussen and Giant Sensation.

Among the several Duroc breeders in Nebraska, which claims men known throughout the entire country, is W. H. Rasmussen, Norfolk, Nebraska. A keener minded man is seldom encountered. A more successful hog man, combining both business ability and hog knowledge, is only met with rarely. Mr. Rasmussen began his career as a Duroc breeder about five years ago at Plainview, Neb., and has gradually grown to be recognized as one of the few right good ones. Last year Mr. Rasmussen sold \$15,000 worth of hogs which he produced on his 80 acre farm just outside the city limits, for as he says: "I am a hog man, and when I can't make money with hogs I will go back to the farm." A feature of this man's business ability is the fact that he sells for cash. He gives his hogs every attention and is always satisfied with the price that they bring in cash sales. Less than a thousand dollars in notes on hand is a record as well as a life saver these days. The visitor gains a whole new opinion of this man at once. The place and arrangement of buildings and runs, the cleanliness and order of it all shows a clear thinking mind, the kind found in successful men of all professions and callings. You really look for some wonderful hogs and find them. This spring there are 160 pigs by the great breeding boar Giant Sensation. This boar is considered one of the best sons of Great Orion Sensation, the twice grand champion, and is out of a dam by Great Sensation. We rather think that Giant Sensation is mating stronger with daughters of High Sensation than with some others, although the difference is not great. He certainly breeds as uniform litters as we have ever seen. Mr. Rasmussen has now 130 breeding sows, 32 of which are daughters of High Sensation and balance for the most part of the Sensation family. The sows for the summer sale August 3, are bred and have a good alfalfa range which insures their giving a good account of themselves when they go to their new homes.—Advertisement.

Farm Colony, U. S. Disciplinary Barracks Holstein-Friesian Reduction Sale

Fort Leavenworth, Kan., Monday, June 19

This sale is made necessary, due to the fact that with a herd of this size the increase has been large and the number of laborers at this institution has been greatly reduced.

The sale consists of 26 females, 19 with A. R. O. records, many of them Semi-official. 10 heifers of breeding age, mostly out of A. R. O. Cows and by 31 or 40 pound bulls. 10 heifer calves from four months to eight months of age. Eight of them by 40 pound bulls. 5 bulls of serviceable ages from cows with records of from 20 to 26 pounds of butter, some of them with semi-official records as high as 729 pounds of butter and 16,748 pounds of milk. Five young bulls from the same official dams and sired by 40 pound bulls. All females of breeding age will be bred to a son of Sir Pietertje Ormsby Mercedes 37th. The young cattle have for their sires Ormsby Skylark Champion or Sir Veeman Ruby Vale Wayne. Cattle sold with 60-90 day retest privilege. Remember to come direct to Fort Leavenworth. For the sale catalog address

Major Harding Polk, Fort Leavenworth, Kansas

W. H. Mott, Sale Manager, Herington, Kansas.

Auctioneers: Mack, Newcom, Wood.

Note: Sale starts promptly at 11 o'clock. Coming by way of Kansas City leave there at 8:30 a. m. on Missouri Pacific or on Interurban on even hour corner 10th and Main.

E. S. Engle & Son's

Eighth Public Sale of Registered Holstein-Friesians at the farm one mile west

Abilene, Kan., Friday, June 16

30 Head As Follows:

10 choice, heavy producing A. R. O. cows.
10 splendid bred and springing heifers.
6 daughters of Prince Ormsby Mercedes Pontiac 222205 whose dam made 1,162 pounds of butter from 22,000 pounds of milk in one year.
Two daughters of a 20,000 pound cow.

One daughter of a 30 pound cow due in June.
Two bulls of serviceable ages from cows with records of better than 700 pounds of butter in one year.
Three good record baby bulls.
Herd federal accredited since 1919.

For the sale catalog and any other information address,

Elmer G. Engle, Abilene, Kansas

Sale conducted by Mott, McCulloch, Hoffman and Engle.

J. W. Johnson, Fieldman, Mail and Breeze.

Send for Pictures

of and facts about the year's record makers in this herd.

We now have several young registered Holstein bulls from high record dams for sale. These are all from World Record strain and should go to herds where they will be appreciated. Why not improve your herd with this blood now while prices are down and be ready to reap the benefit when prices are high again? Eight State Records and one World's record is our achievement this year.

MRS. R. G. DOUGLAS,
Sanborn Meadows, Rush P. O., Colo.

Columbine Segis Ormsby Fobes

Born Aug. 7, 1921. Almost white; sire, the grand champion, Sir Pietertje 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.

BONACCORD HOLSTEINS

Do you want GOOD Holsteins? If so you will want health, size, conformation and production. We have it. Federal accredited herd. Write your wants to
LOUIS KOENIG, SOLOMON, KANSAS

GUERNSEY CATTLE

RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams.
Ransom Farm, Homewood, Kansas

WHY USE A SCRUB when you can buy a purebred registered bull at farmer's prices? Young bull calves as low as \$50. C. F. Holmes, Overland Guernsey Farm, Overland Park, Kan.

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 old enough for service, from A. R. O. dams at hard time prices. Write for information.
L. F. CORY & SON, BELLEVILLE, KAN

BULLS Sired

by Sir Ledy Glista, 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. R. E. STUEWE, Alma, Kan.

BRAEBURN HOLSTEINS

Service bulls are 'out.' If you want to save money, buy a calf that won't cost much to move, and raise him yourself. From six months down.
H. B. COWLES, 608 Kansas Ave., TOPEKA, KAN.

BULL WANTED

6 to 18 months old, 1/2 or more white. Two nearest dams records 30 to 35 lbs. 7 days. Give breeding and price.
V. E. CARLSON, FORMOSO, KANSAS.

HOLSTEIN & GUERNSEY CALVES, 7 weeks old, 31-32nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$45. Edgewood Farms, Whitewater, Wis.

HOLSTEIN AND GUERNSEY calves, either sex, 7 to 9 weeks old, \$22 crated for shipment. Spreading Oak Farm, Whitewater, Wis.

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. 6, LEAVENWORTH, KANSAS

KING PONTIAC MUTUAL SEGIS

Bulls, calves to long yearlings. Priced right. Raised everything offered for sale. Tuberculin tested herd. Herd sire, King Pontiac Mutual Segis by the great King Segis Pontiac, Cleland & Williams, Hiattville, Kan.

SONS AND GRANDSONS

of Vanderkamp Segis Pontiac for sale. Vanderkamp Segis Pontiac is Kansas' leading sire of production. Buy bulls priced right from an accredited herd.
COLLINS FARM COMPANY, 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.

REG. HOLSTEIN BULLS ready for use. King Segis Pontiac breeding nicely marked. Priced low. J. A. Reed & Sons, Lyons, Kan.

HOLSTEINS, BEAUTIFUL, HIGH GRADES 2 months old, \$25 express prepaid. Buy direct. Co-operative Calf Sales Ass'n, So. St. Paul, Minn.

THE · NATION'S · SERVICE · TRUCK



Your Choice of the "Red Baby's" Brothers · \$1500

The famous "Red Baby" Speed Trucks of the McCormick-Deering dealers are making millions of people sit up and take notice this summer. They are brightening up the landscapes throughout the country, flitting everywhere, covering many miles in few minutes, delivering machines and service, and helping to speed up Prosperity. The dealer's red speed truck is the most useful live wire in the community. It has earned the title, "Nation's Service Truck."

This International Speed Truck, which is putting new life into the implement industry, is the ideal truck for any farmer and business man who wants fast, dependable haulage at low cost. Ask the McCormick-Deering dealer about the "Red

Baby's" brothers. For \$1500, f.o.b. factory, you can get an International Speed Truck complete with any one of twelve different body and cab combinations, and with tires, power tire pump, electric lights and starter, fenders, etc. Liberal terms if you haven't the ready cash.

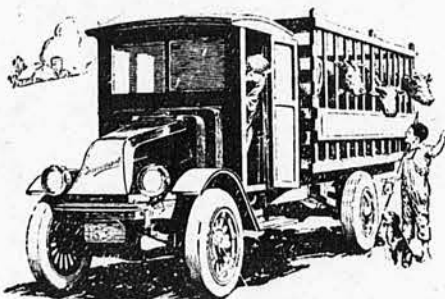
Flag the McCormick-Deering dealer as his swift "Red Baby" comes along, or go to his store to pick out the truck and body style you need for your work. The closer you investigate this speed truck, the better you will like it. If your hauling is on a larger scale, remember that the International Motor Truck-line is made in eleven sizes from the 1500-lb. speed truck to the 10,000-lb. heavy-duty unit. Write for catalog.

INTERNATIONAL HARVESTER COMPANY

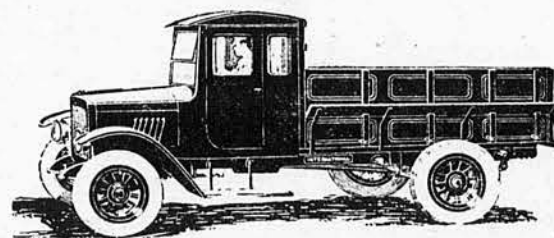
Chicago of America USA
(Incorporated)
92 Branch Houses and 15,000 Dealers in the United States



Speed Truck, Open Body and Full Top



3000-lb. Truck, With Stock Rack



Speed Truck, Grain Box Body and Enclosed Cab

FOR · LOW · COST · HAULING