

Copy 2

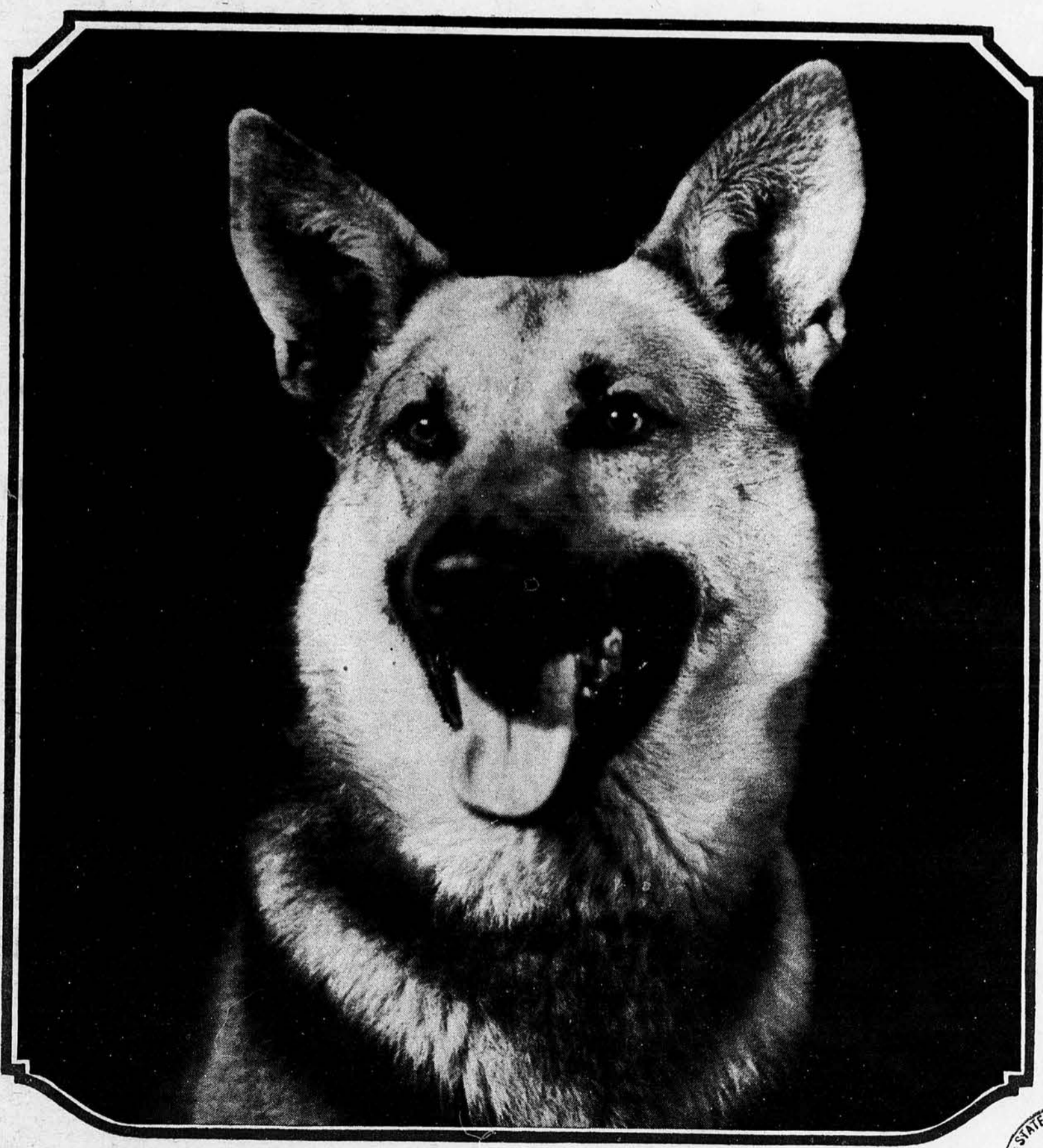
KANSAS FARMER

MAIL & BREEZE

Volume 67

December 14, 1929

Number 50



KANSAS STATE AGRICULTURAL
LIBRARY
13 Dec '29

You still have time to enter the



PICTURE PUZZLE CONTEST

\$10,000 IN PRIZES

FIRST PRIZE • \$2,000
SECOND PRIZE • \$1,000
THIRD PRIZE • \$500

1062 Other Valuable Awards!

The BOND \$10,000 Prize Contest comes to a close on December 31st. You have until then to work out your solutions of the various puzzles and get them in to us. Your chance of winning one of the big cash prizes is still as good as anyone's!

This year make BONDS your Christmas Gifts!

Play safe — buy BONDS! . . . BOND Flashlights, bright and cheery with their Chromium trimmings and varicolored tubes . . . BOND Batteries that restore their own power when not in use! . . . BOND Tubes possessing the highest vacuum known to radio science! . . . Your dealer will be glad to show you these superior products and you will be delighted with their reasonable prices.

BOND ELECTRIC CORPORATION JERSEY CITY, N. J.

Chicago Kansas City San Francisco
Makers of Radio "A", "B" and "C" Batteries
—Storage and Dry Batteries—High Vacuum
Radio Tubes—Flashlights and Mono-Cells.



CONTEST DEPT. CC, BOND ELECTRIC CORPORATION, JERSEY CITY, N. J.

Dear Sirs: Please send your Free Book of Instructions relating to the \$10,000 "Picture-Puzzle" Contest.

Name (Print) _____

Address _____

City _____ State _____

Dealer's Name _____ Address _____

Pick Corn While Sun Shines

'Twas an Unfavorable Season But Jayhawker Farm Raised Good Average Crop

BY HARLEY HATCH

THANKSGIVING day brought snow and cold weather to most northern localities but to this part of Jayhawk land it brought a good corn husking day and we took advantage of it. Six more full days of husking will see the last of our corn in the crib. We have in the past raised much better corn than this year but never in so unfavorable a season have we raised so good a crop. Planting was delayed until a very late date, owing to continuous wet weather. Then in late July and early August came a 30-day drouth, right at the time when it could do the most damage. Heavy rains the middle of August partly repaired the damage and the result for Jayhawker farm was a crop of corn fully up to an average yield. Cane also made a good crop. The Sumac variety will make, I should judge, 30 bushels of seed to the acre. At cutting time there were 385 shocks of fodder on 16 acres. This cane is being fed seed and all to the cattle.

Sumac Gets Biggest Vote

I am aware that one test of a crop scarcely is sufficient to show its value, but from the test we have given two cane varieties this past season we see no reason for discarding the old variety Sumac for the new Atlas. Atlas does grow a grain that resembles kafir and I presume that it has the same feeding value. It is on this score alone that it is ahead of Sumac. On all others, yield of seed, yield of fodder, quality of fodder and earliness in ripening, Sumac leads. At least we consider it so on this farm and I do not think we shall plant Atlas next spring. In other seasons and on different soil Atlas might prove best.

While the seed of Sumac probably does not have the price value of Atlas, yet it is much better than Amber cane seed and we get good feeding value from grinding Sumac mixed with other grain. Mixed with oats and ground, Sumac cane seed makes as good horse feed as one could wish and cows and calves relish it. The value of cane lies, as we all know, in its ability to make a good crop regardless of the season. With us, this year, Sumac cane ripened 10 days earlier than Atlas.

Best Corn on Legume Land

The most noteworthy feature of our corn crop this year was the increased yield where the corn was planted on alfalfa or Sweet clover sod. In no case was the yield less than 10 bushels more an acre and on the alfalfa ground the yield was at least 15 bushels greater than on land of similar fertility planted and tended in the same way but which was in grain crops in 1928. The alfalfa sod was a 9 acre creek bottom field, plowed in the fall of 1928 just as soon as the last crop of hay was taken off. This spring was very wet and nothing was done in this field until about May 1 when it was double disked. Then it began to rain again and the field was not planted until May 22. The planting was done with a two-row tractor lister and a rather heavy stand resulted; just a little too heavy for the summer dry spell, but better than too thin a stand. The corn was cultivated three times, twice with a two-row tractor cultivator and once with horse drawn cultivators. A strong wind carrying a heavy shower of rain blew down this corn badly about the time it was earing. The field was shocked this week and it made, by actual weight over the scales, just a fraction less than 60 bushels to the acre. Squirrels, muskrats, crows and other "varmints" took heavy toll from the down corn along the timber.

Lower Taxes This Year

Taxes are due and payable again. The rate in this school district is just a fraction less than a year ago. Last year we paid \$1.715 on each \$100 valuation; this year the rate is \$1.678. Of this amount 94.3 cents

goes to the state and county, 37.5 cents to the township and 36 cents to the school district. I wonder if there is another locality in the state in which the township tax is greater than that of the school district. We had a good surplus in our school district fund last April so the rate was made lower than usual. The school tax was supposed to raise close to \$700; hence it follows that the township tax takes out of this school district at least \$700, nearly all for roads. The remainder of the township must get this school tax for it is certain that this school district does not.

Sounds Like Old Times

This snappy winter weather should give any man an appetite, provided his storage capacity is not too badly run down. And speaking of an appetite and something to satisfy it, let me say that the Ladies' Aid of one locality in Coffey county served a 25-cent supper—city folks would call it dinner—this week which consisted of the following: Creamed chicken, mashed potatoes, salads of various kinds, bread, coffee, fruit salad and cake. All this for 25 cents, and this week a Kansas City man said he would like to know of a place in the city where a good dinner for five persons could be had for \$8.50. The occasion for this remark was a newspaper paragraph saying that a turkey dinner for five could be served this year for \$8.50, which was 50 or 75 cents less than the same dinner would have cost one year ago. City folks have a number of advantages over farmers but in living costs I think we have the advantage. We hear, at intervals, of hard times but I believe there are few farmers in Coffey county who are doing any worrying as to where their supply of eatables is coming from during the next 12 months. I presume there are uncounted city folks who would like to know they are going to eat.

Close Margin on Hogs

Ever since we had a radio installed I have endeavored once a day to get a line on the hog market. Each broadcast the market announcer has the same story to tell, "The hog market opened slow, with very little done." I wonder if it would give a lot of farmers heart failure if they could hear for once the welcome news, "The hog market opened briskly with all interests buying." It begins to look as if we would have to wait until toward next spring to hear anything like that. Even with the slow openings, however, the hog market could be worse. At the price offered by local shippers for today's delivery, \$8.50 a hundred for top hogs, there is a margin of profit in feeding with corn valued at 80 cents a bushel. It is commonly calculated that corn at 80 cents equals \$8 hogs, which probably is not far out of the way taking into consideration all the hogs being fed. But well bred hogs which have been fed right and which have not been starved for protein will do a little better than this unless the weather is very cold and stormy. Tankage at \$4 a hundred seems rather high but it is true economy to feed it to average farm lot hogs which are not getting milk. It is lack of protein that roughs up a hog's hair, takes the curl out of his tail and gives him a keen appetite for chicken. Hogs fed plenty of tankage seldom are chicken eaters.

The Englishman who says Americans have no imagination should read the newspaper story of the fire in Washington which was "caused by a cigaret lighter."

A broken main recently deprived New Orleans of its gas supply. Think of the result if anything like that should happen to Washington, D. C.

A doctor says there is no special virtue in early rising. Almost anybody would have faith in a doctor like that.

KANSAS FARMER

By ARTHUR CAPPER

Volume 67

December 14, 1929

Number 50

"Balanced" Care Is Secret of Profit

Proper Feeding Almost Doubled Butterfat Production of High Cow

NET profits in the dairy business, according to George H. Tippin, Allen county, are directly proportional to quality of animals, the care they get, how dairy calves are developed, how cows are prepared for freshening and how well the program of the entire farm fits in with the business of producing milk. Since the most successful dairymen find it entirely necessary to start at the bottom in the business and build up gradually in knowledge, experience and blood lines, Mr. Tippin knows what he is talking about.

In the first place, he changed from beef cattle to dairying so that he could make his whole farm plant of 240 acres which he controls, and its several operations, work in harmony. With his set of conditions he figured that dairying would provide a more steady income, that profits would be more certain and that he could check up on his business more frequently and perhaps more accurately. He likes to see what he is doing at the end of each month.

As in a good many cases in Kansas, the inspiration to go into the dairy business reached Mr. Tippin thru the medium of the 4-H clubs. His children took an active part in this great organization, having dairy calves for their projects. Those 4-H Holsteins struck "Dad" as being something mighty fine to have on the farm. And it was only progressive reasoning to think that if two or three heifers could do so much, a farm herd of Holsteins should turn a rather fine profit. So it happened that the purebred Herefords made their exit and the purebred Holsteins came into the picture.

Mr. Tippin has been in the dairy business five years, and four of those years have found his name on the membership list of the Allen County Herd Improvement Association. Perhaps that is one reason he is so enthusiastic about the possibilities of the business. "We value the check-up we get on each cow thru the association," Mr. Tippin assured. "The tester comes one day each month, weighs the milk and takes a sample; he also weighs the feed, makes a record of its kind and quality and charges feed costs against each cow

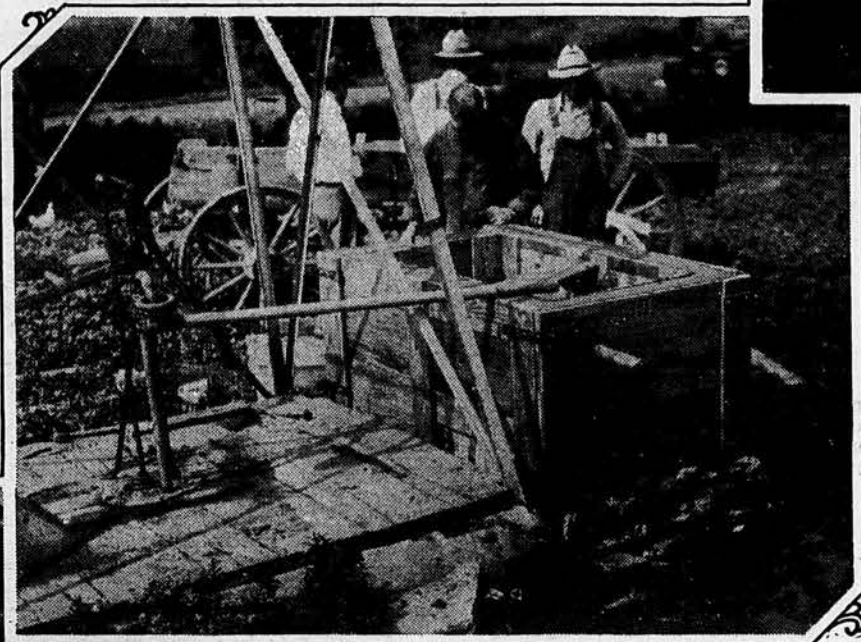
By Raymond H. Gilkeson

to show whether she is making a profit or living up the profits some of her sisters in the herd are trying to make."

Having been in this testing work, Mr. Tippin knows that his low cow netted only \$55 over feed costs and that his high cow paid him \$249 over what she ate. There isn't any doubt about the value of these two cows in his mind. The high cow was milked three times a day during five months of her lactation period. In 365 days she produced 675 pounds of butterfat, and her highest day she produced 104 pounds of milk. In May 1928, she gave 93 pounds of butterfat in 31 days, or an average of 3 pounds a day. At that time she was 7 years old, and Mr. Tippin explains that she never had given more than 350 pounds of butterfat in a year before. "She had the quality and the proper feeding brought out her ability," Mr. Tippin said. "I'm sure, too, there is a right way to feed every animal. One must study them individually to get best results." During her lactation period the high cow raised a heifer calf for which Mr. Tippin refused \$150; he sold a bull calf from this cow the year before for \$130. The net income from this cow for the one year then, was \$249 plus the \$150 value of the calf. Very little would have to be sub-

200 pounds bran or oats and 100 pounds of cottonseed or oilmeal. I think it is very necessary to feed according to production. If I went down the line of cows and gave each one a gallon of feed, my 10-gallon cow would be eating up all the profit I would be getting from a 20-gallon cow. Feeding according to production is the thing that makes the profit. Blood lines count when each cow gets this individual attention.

"Silage and alfalfa are the main foundation of an economical dairy feed. These can be produced successfully and marketed efficiently thru dairy cows. I usually feed alfalfa all summer, even when the cows are on pasture. Corn or cane si-



The Photographs on This Page Show the Three Important Steps in the Life of a Concrete Cooling Tank. This is on the George H. Tippin Farm, in Allen County. The Top Picture Shows the Process of Construction. At Center, the Forms Are Being Removed, and Lower Left, Mr. Tippin is Putting It in Use. This Tank Cost so Little That if It Keeps the Milk from Souring Two Days It Has Paid for Itself

tracted from the value of the calf for feed costs, as you will understand.

It is interesting to note that some of the daughters of cows in the Tippin herd are beating the parents' record. That is because the owner of this herd has worked on the theory that he could make good better, until he now has a very much worth-while herd. He uses the best purebred bulls he can obtain, figuring that the sire is at least half the herd. The calves are raised mostly by hand, because "it is better on the cows," as Tippin explains. "We feed them milk, ground corn, oats, bran, shorts and oilmeal, all about equal parts, from the time the calves are 30 days old to yearlings. It is exceedingly important to give the dairy calves the right kind of start. Another point I should like to stress is the importance of carefully feeding the dairy herd. I feed about 1 pound of grain to 4 pounds of milk produced. This is made up of 400 pounds corn,

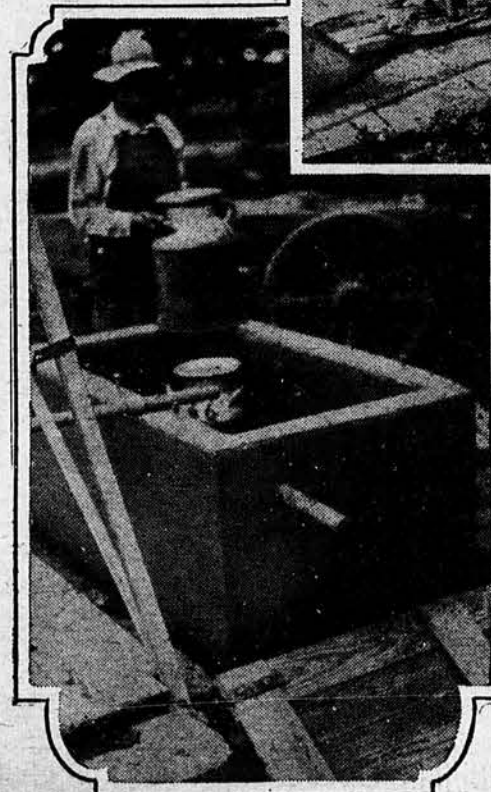
lage is a big help in the winter. I have had a silo 10 years and it has been filled every season. I have plenty of pasture for my young stuff and dry cows some distance from home, and bluegrass and Sweet clover for the herd at home.

"There is quite a lot in preparing a cow for freshening," Mr. Tippin said. "Getting an animal in the right condition helps considerably, and especially the big producer. I dry them up for one or two months and feed them well. A cow will give as much milk in 10 months as in 12, with two months' rest. She is in good flesh after the vacation and has something to fall back on. Some of my cows have milked the night before freshening, but I'm noticed they didn't do nearly so well without the rest.

"A Pound in Time"

"I believe 1 pound of grain during the period of rest before a cow freshens is worth 2 pounds afterwards. I have noticed that it is almost impossible to get a cow that gives 90 pounds of milk a day, to eat around 23 pounds of the balanced ration of grain. But if that cow has stored up fat during her rest period she can stand the heavy production on what she will eat. It seems to me the more correct way to feed is according to butterfat production—give as many pounds of grain daily as a cow produces of butterfat in a week. Of course, the big obstacle with that for me is the fact that I always am a month behind on butterfat records, but I'm right up-to-date on the pounds of milk produced, so it is more practicable to feed according to milk production." It could be expected that the Tippin herd would have been awarded the honor roll certificate for butterfat production for three years straight. Considering the success of this Allen county dairyman, one must conclude that proper management of a herd counts—each cow to do her best must be comfortable, and regularity must be practiced in her feeding.

Care of the milk isn't neglected on this farm. A special cooling tank was constructed out of concrete which functions quite efficiently. Water pumped into it from a deep well overflows to a stock tank. The cement cooler cost only \$5.60. If it saves the milk from souring just two days it has paid for itself. After that it earns a good net profit every day it is used, which again stresses the importance of adequate farm equipment.



DEPARTMENT EDITORS
 G. E. FERRIS.....Protective Service
 RAYMOND H. GILKESON...Livestock Editor
 FRANK A. MECKEL.....Agricultural Engineer
 HARLEY HATCH.....Jayhawker Notes
 A. G. KITTELL.....Poultry
 RAYMOND H. GILKESON.....Dairying

Entered as second-class matter February 16, 1906, at the postoffice at Topeka, under act of Congress of March 3, 1879.

KANSAS FARMER

Published Weekly at Eighth and Jackson Sts., Topeka, Kan.
 Member Audit Bureau of Circulations Member Agricultural Publishers' Association

ARTHUR CAPPER, Publisher
 F. B. NICHOLS, Managing Editor
 RAYMOND H. GILKESON, Associate Editor
 ROY R. MOORE, Advertising Manager
 T. A. McNEAL, Editor
 R. W. WOHLFORD, Circulation Manager
 Subscription Rates: One Dollar a Year. Subscriptions Are Stopped Promptly at Expiration

DEPARTMENT EDITORS
 FLORENCE G. WELLS...Farm Home Editor
 NELLE G. CALLAHAN.....Food Testing
 LEONA E. STAHL.....Young Folks' Pages
 J. M. PARKS.....Manager Copper Clubs
 T. A. McNEAL.....Legal Department
 DR. C. H. LERRIGO...Medical Department

Please address all letters in reference to subscription matters direct to Circulation Department, Kansas Farmer, Topeka, Kan.

Passing Comment

By T. A. McNeal

WRITING from Holyrood, Alex Richter says: "Want to let you know that three of us from Holyrood are going to petition 800 grain dealers of Kansas asking them to petition their communities against the proposition of the farmers co-operating and borrowing money from our Government in order that they may speculate on the pauper market of the world at Liverpool to dispose of their surplus wheat crop. We are for a standard price on all the wheat produced on the same basis as during the war, the price to be set by the Agricultural Farm Board. And whatever the loss may be on all export wheat sales, the same to be obtained from those farmers who produced the largest number of bushels during each year, for they are the cause of overproduction and ought to be made to stand the loss. It will give us pleasure to see a write-up by Tom McNeal on this subject, for there are a lot of our best men in business who feel the effect of the fool ideas of our Agricultural Farm Board, for it is another wheat pool, only it takes another name to fool the farmers and every honest man."

There seems to be some inconsistency in first proposing that the price of wheat be fixed by the Agricultural Farm Board and then denouncing the same body as being possessed of a "fool idea." Just how Mr. Richter would have the loss all shouldered off onto those who produce the largest wheat crops I do not know.

Now my opinion is that the fundamental idea of the wheat pool was sound, with this very important exception: The pool was organized on the theory that it would be able to get control of enough grain to dominate the market. In order to accomplish that it would be necessary to get control of a very large per cent of the crop, nearly or quite half of the entire crop. The pool never was able to get control of anywhere near that amount of wheat and consequently failed. The plan being worked out by the Federal Farm Board, in my opinion, stands a better show of success than any plan heretofore suggested. With the backing of the Government it should be able to dominate the grain market. If it does, then it will be able to feed grain into the market as the demand warrants.

Right You Are, Doctor

NEVER before in the history of this Republic," writes Dr. McWharf, of Ottawa, "was the call so great for men of honest purpose; men who can and will cope with present conditions and difficulties with untainted hands. I cannot believe that all men are dishonest; that all would be profiteers if opportunity came their way, and yet the mad rush for money, the almighty dollar, is apparently the dominant motive and how to get wealth the paramount question. I sometimes doubt whether it is safe to declare that any man would be strictly honest if confronted with so many opportunities for illegitimate gain.

"A review of the years thru which and from which we have just emerged passes before me in a panoramic view: Mountains of waste; scandals and mal-administration from which the farmers are the principal sufferers. But I have no fear that this class will turn to bloody revolution as have the masses of Russia. The future welfare of the country depends on a fair and honest consideration of the problem of production and distribution. With nearly 120 million people, all consumers, but less than one-third producers, how to satisfy the needs and demands of the present and future increasing population is a very serious problem. Consumption rapidly is overtaking production and the loss of productivity in the soil thru erosion and improper cultivation soon will create another agricultural problem. If the farmer fails to make a fair living he will be compelled to leave the farm and move to the city or to town. The present outlook seems to be that we are approaching a condition where foodstuffs will decrease until there will not be sufficient to meet the demand. This is a big, complex problem; we need honest, competent, broad minded men to find the solution."

Right you are, Doctor, but has it not occurred to you that if conditions are as you think, the problem will solve itself? If consumption overtakes production, then the farmer will be sitting on top of the world, for prices of his products are certain to rise in proportion to the scarcity

of production. Neither is there any reason to fear, at least for a long time to come, that enough cannot be produced to supply the needs of the world. It has been demonstrated fully that the average production an acre can be doubled or possibly quadrupled.

The average milk cow in Kansas today does not produce more than one quarter of the amount that safely can be counted on from a well bred and properly fed and cared for dairy cow. The average hen does not produce more than one-third as many eggs as a good hen will produce. The average production of wheat could be doubled easily by proper seeding and cultivation.

So it is with other farm crops. The fact is that there never has been a time in the history of agriculture when there was such a bright outlook for the really good farmer. As far as honesty in business is concerned there never was more of it than now, for the simple reason that honesty is absolutely necessary in our present



Just to See What Will Happen

economic system. Never was so much business done on credit and credit necessarily rests on confidence in the good faith and integrity of the men who must do business with one another.

Wants County Road Control

D. W. HULL of McPherson county is dissatisfied with the State Highway Commission. He says in part in a letter dated December 2: "I understand that highway building was taken out of the hands of the county commissioners because of inefficiency, but if anything could be handled in a more inefficient manner than the building of Federal Highway Number 50N thru McPherson county I have not heard about it. A man came along here last May, representing the State Highway Commission, and contracted with us for such land as was needed for highway purposes, said land to be paid for by July 1.

"About the first of August work was begun on the 2½ miles of road adjoining McPherson. The road was made almost impassable; deep ditches were made in front of each farm which the farmers could not cross; then the road was left in that condition for six or seven weeks; finally the road builders came back again, dumped some more dirt on the road, and went away again about a month ago, leaving the piles of dirt on the road without leveling them down any. With the snow and rain we have had for the last three weeks, you can imagine the condition of that road. The man representing the Highway Commission, located here for the purpose of overseeing the construction of the road, said that he did not know it was left in that condition until it began to rain, which was about 10 days later.

"We are wondering what he is here for if it

is not to watch the construction of the road as it is going on. He has said several times that he would see that it was fixed but so far nothing has been done.

"The contractor left this road in this impassable condition to work on a new stretch of road alongside a railroad that would not be needed for a year, while by finishing this 2½ miles of road, travel could have gone thru the county without interruption.

"About a month ago I wrote to the State Highway Commission that the payment for land taken for highway purposes was behind four months. They came back for more information and said then that they would look up my claim. After getting this information they referred the matter to the district man at Salina. He wrote me that he was waiting for the recorded deed to be returned from here, which would be sent to Topeka and the claim handled from there. Now, why all this stalling? I hope that representative, Bob Crawford of Stevens county, succeeds in getting the handling of road building away from the State Highway Commission."

I know nothing about the facts in the case referred to by Mr. Hull, except the statements made in his letter. It looks as if he has grounds for complaint, but before passing final judgment I would like to get the State Highway Commission's side of it. Personally, I believe in a state system of roads and it seems to me that such a system must be directed by a centralized authority, such as the State Highway Commission, but the commission must justify its organization and authority by its works.

No Malice Was Meant

I HAVE here very flattering letters of commendation from an old time reader, I. A. Moorhead of Holton; another from W. E. Cary of Culver, and another from G. F. Bowman of Coffeyville, all referring to editorials about the pilgrimages of ailing people to the tomb of a dead priest at Malden, Mass., and to the revivalist methods of Billy Sunday. That, of course, is very pleasing, but the spirit of mortal should not be proud. Here is a rather interesting letter from A. Brock, a young farmer from Stratton, Colo. I do not understand just what Mr. Brock is displeased about, but maybe you can gather it from his letter, which reads as follows:

"Yes, you are right; I can't see why some of those human animals who are seeking relief don't visit the graves of the founder of the Unitarian church of Henry VIII, Martin Luther or Alexander Campbell.

"Kansas has from 170,000 to 180,000 Catholics and I think the most of them know to what side the editor of Capper's Publications leans. I think it would be better if you never would use the word 'Catholic' in your paper. I know lots of cases where the agents of Capper's Publications are not allowed to cross the thresholds of Catholic homes.

"The Catholic church is the most hated and the most feared in the world. Why? Because she is the only church of God. If a Catholic kept the commandments of God and the church it would be impossible for him to go astray. For that reason the devil entices his servants to help him persecute everything that is Catholic. The whole world waited 4,000 years for the Redeemer and after he came there was no room for him. From the first day after his birth was announced the devil and his servants strove after his life until he was crucified. And now that Christ is no longer on this earth they persecute his followers. And wherever you go you see this."

As I said before, I assume that Mr. Brock believes that as a Catholic he has ground for complaint, tho I am not able to understand what it is. If there is in this country any persecution of Catholics, any deprivation of their political or social rights, I do not know where it exists. There may be localities where religious intolerance exists to the extent of depriving the members of certain religious denominations of their just rights, political and social. I have heard that charge made in a few cases by Catholics against Protestants and by the members of certain Protestant denominations not only against Catholics but against other Protestant denominations. If such cases do exist here in the United States, I have no sympathy with such intolerance.

I might say in this connection that I have said

more things that were calculated to offend certain Protestants than things that might offend Catholics. However, so far I have not heard that any of these offended Protestants have refused to permit agents of the Capper Publications to cross their thresholds. Neither do I now recall any Protestant who goes so far as to claim, as does Mr. Brock, that his church is the only church of God.

The Tax Problem

THE Tax Code Commission appointed by Governor Reed, in accordance with the law enacted by the last legislature, has finished its labors and made its report. Of course, it must be kept in mind that this commission neither has nor claims to have any power to legislate. It cannot change any law in regard to taxation, but does suggest changes which may or may not be adopted by legislatures hereafter.

The report contains a great amount of valuable information regarding taxation in other states and the working of our own tax laws. There are certain fundamental facts generally admitted; one is, that the burden of taxation is great and increasing, and that the burden is unequally distributed.

Speaking generally, the investigations of this commission show that those least able to pay are compelled to pay an unjust share of the taxes and that double taxation prevails to an extent not generally realized. For example, in the matter of schools, for the support of which nearly half of all the taxes collected are expended, the report shows that it is quite possible to tax the citizens for at least four different kinds of high schools; or perhaps it would be more nearly correct to say that they may be compelled to pay four different kinds of high school taxes in addition to the tax levied to support his own common district school. The report shows also that there are hundreds of country schools in the state with less than five pupils in attendance, a large number with only one or two pupils and quite a number with none. Here is a patent waste of public money, owing to hasty legislation and lack of proper administration.

Most people, of course, are aware of double land taxation, where the land owner holds title to the land but at the same time it is heavily mortgaged, so that his equity, which is all the property interest he has in it, is much less than the assessed value of the real estate. The report also shows glaring inequalities in the matter of assessment of lands, and that owners of small tracts of land are assessed 15 to 35 per cent higher than owners of large tracts of land. The same inequality of assessment as shown by this report exists in the matter of assessing personal property. An extreme case is cited where mules were assessed at eight times as much in one locality as in another.

As I expect later to take up the recommendations made by the commission in regard to changes in tax laws, I will not go into that now; but I suggest that taxpayers obtain this report and study it. Get copies of it from your farm bureau or from other farm organizations. Maybe you will not agree with the recommendations, but if you read the report carefully you will know more about tax laws and the shortcomings of our own tax system than you do now, unless you have made a careful study of tax laws heretofore.

What Does the Policy Say?

How long after the premium is due on a life insurance policy can a person make the payment and not let the policy lapse or lose his insurance? O. J. N.

Different insurance companies, of course, have somewhat different policies, and the policy itself gives the options that the insured has in the matter of making payments. I would say that in a general way under the law if the premiums are paid on a policy for three years that it cannot entirely lapse. A company would be compelled to issue a paid up policy for the proportion of the whole that three years would be of the life of the individual in case of his death. The policies at present state how much is due on the policy in the way of paid up insurance at the end of three years. Also most policies now have a clause providing for continuing the policy for a considerable length of time after the payment of the premiums lapses. I do not know how long your policy provides for. Generally after a policy has been carried along for three or four years it will not entirely lapse for probably as much as two years anyway, and even then there is a certain value in the way of paid up insurance. But if you will examine your policy carefully I think you will find just how long you may permit your payments to be in arrears before the policy itself lapses.

On the Wheat Pasture

We have wheat ready for pasture. The neighbor's cattle get out every day and pasture our wheat. Could we shut them up and hold them for damages? The fence has three wires, but it is not up in places. If the fence is rebuilt good and tight and the cattle get thru anyway could we collect damages then? C. J. C.

You can compel your neighbor to build his share of a partition fence, a lawful fence, and if he refuses to do so you may build his share of it and collect the cost for building the same from him. Furthermore, you probably could collect damages in any event if his animals are running at large. Section 2 of Chapter 211 of the laws of 1929 reads as follows:

Any person whose animals shall run at large, in violation of Section 1 of this act, shall be liable to the person injured for all damages resulting therefrom, and the person so damaged shall have a lien on said animals for the amount of such damages.

Section 1 provides that it shall be unlawful for cattle, horses, mules, asses, swine or sheep to run at large.

What the Law Says

A and B each represent a mutual telephone line running to a certain telephone exchange. Four miles of the line is built and owned jointly as a partnership. B wishes to withdraw from the partnership and erect a line on another road. If A refuses to pay B for half of the partnership poles has B the right to enter upon the ground or road and deliberately remove half of them? A and B each own their own wire. E. R.

Our statute provides that limited partnerships for the transaction of any mercantile, mechanical or manufacturing business within this state may be formed by two or more persons. I think this is perhaps broad enough to allow the formation of partnerships for operating private mutual telephone lines, altho there is some question about that.

Section 115 of Chapter 56 declares that during the continuance of the partnership under the provisions of this act, no part of the capital stock thereof shall be withdrawn nor any division of interest or profits be made so as to reduce said

capital stock below the sum stated in the certificate of partnership.

Section 120 of the same chapter provides the manner in which the partnership may be dissolved. The language of this section is as follows: "No dissolution of a limited partnership shall take place except by operation of law before the time specified in the certificate before mentioned, unless a notice of such dissolution shall be filed and recorded in the office of the county clerk in which such certificate, or the certificate of renewal or continuance of the partnership was recorded, and in the office of every other county clerk where a copy of such certificate was recorded; and unless such notice shall also be published four weeks successively in some newspaper printed in the county where the certificate of the formation of such partnership was recorded."

My opinion is that this partnership having been formed, as I assume regularly, neither party could withdraw from the same without the consent of the other partners except in the way provided by the statute, and that neither party would have a right in any event to withdraw in a manner that would injure the lawful and natural rights of the other party to the partnership.

In this case, if B should enter upon the ground or road and remove half of said poles the effect would be to absolutely destroy the efficiency of this telephone line, at least I would suppose that would be the effect. I believe B has a remedy here. I believe the B company or that part of the partnership which constitutes what you call the B line could advertise a notice asking for the dissolution of this partnership and that B would have a right to demand either that A should pay B for its part of the property or that the partnership should be declared dissolved and that the property should be sold and divided in proportion to the respective interests of the partners. I am of the opinion that without going thru this process of law B would not have a right to go in and virtually destroy the property by taking away one-half of the poles.

Can Make a New Will

A and B were married a number of years and raised a family. They made a joint will willing the land and money they had accumulated. Then B, the wife, died. A speaks of making a new will. Can A legally destroy this will which they both signed and make another? C. S.

If this property was jointly owned by A and B, whatever share belonged to B would be disposed of according to the terms of this will. If there was a provision in the will itself that in the event of the death of either of the makers the property became the sole property of the survivor, of course this survivor would have a right to destroy the old will and make a new one. If, however, B, the wife, made certain disposition of her share of the property under this joint will, the terms of that will would have to be carried out. A might make a new will willing his separate property as he saw fit.

First Children Would Inherit

A man died leaving an estate. He had been married twice, had children by his first marriage and children by his second marriage. He also left a wife. If the wife and children by the second marriage should die, the children being minors, who would be his rightful heirs in case there was no will? Would the wife's brothers and sisters or the man's children by the first marriage be the rightful heirs? M. E. S.

The children by the first marriage would inherit his estate.

The Case of Mr. Vare

FOR the third time in seven years the Senate of the United States has refused to confirm the sale of a senatorship to the highest bidder.

This time 58 senators, Republican and Democratic, have declared by their votes that Pennsylvania's professional corruptionist is not entitled to a seat in that body. My own vote was cast with theirs. Twenty-two other senators voted to seat him.

Pennsylvania's leading lobbyist, Mr. Grundy, may now be appointed by the governor of that state to occupy Pennsylvania's seat in the Senate denied to Mr. Vare.

This will interest those who live in Mr. Grundy's so-called "backward states"—meaning most if not all of those who live in that wide expanse of country lying west and south of Pennsylvania.

In January 1922, in passing on the case of Senator Newberry, whose friends had spent \$195,000 in his behalf in the Michigan primaries, the Senate declared that the "expenditure of such excessive sums in behalf of a candidate, either with or without his knowledge and consent, was contrary to sound public policy, harmful to the honor and dignity of the Senate and dangerous to the perpetuity of a free government." And certainly that is true.

This was the precedent which was later raised against Frank L. Smith, Insull candidate for the Senate from Illinois. While serving as chairman of the Illinois Commerce Commission, Smith received large contributions from public utility corporations, \$450,000 being spent on his nomination and that of one or two other candidates. The Senate refused to let Smith take the oath

of office and when the governor of Illinois appointed Smith to fill the vacancy, again denied him a seat.

At the time the Senate special committee reported on the Smith case it reported on the Vare case in Pennsylvania.

In Pennsylvania's famous 3-million-dollar primary, \$785,000 was spent to nominate Vare. The names of the real contributors may never be known. The alleged contributors were men who never had so much money in their lives. One who gave \$125,000 to the Vare fund as his own money, was the agent or adviser of the Pennsylvania utility companies.

In Allegheny county, in which is the city of Pittsburgh, the Vare machine hired 50,000 watchers—the Pennsylvania way of buying votes. They constituted a third of Vare's vote in that county.

In Pittsburgh \$28,285 was paid for Vare watchers alone, in Philadelphia, more than \$100,000.

In Philadelphia the political machine of which Vare is the head, has dominated that city for more than two generations. Philadelphia hasn't had an honest election in a life time.

In Philadelphia men voted for Vare who had been dead 20 years. Often the Vare voters voted in alphabetical order.

Did you ever hear of anything quite so remarkable?

In 444 districts one or more of the election judges were not even registered.

The day after the primary in Pittsburgh, a citizen saw a line of men a block long awaiting their turn at a window. He learned they were watchers getting their pay. It took from four to six days to pay them off, a line forming each day.

None of this evidence was refuted by Mr. Vare.

So powerful is Pennsylvania's corrupt political machine that prominent persons in that state are afraid of it. It is difficult, I am told, to find a prominent man to act as chairman at an opposition political meeting.

On Vare's election certificate Governor Pinchot wrote:

I do not believe that Mr. Vare has been duly chosen . . . I am convinced that his nomination was partly bought and partly stolen, and that frauds committed in his interest have tainted both the primary and the general election. But even if there had been no fraud in the election, a man who is not honestly nominated cannot be honestly entitled to a seat. . . . Therefore I have so worded the certificate required by law that I can sign it without distorting the truth.

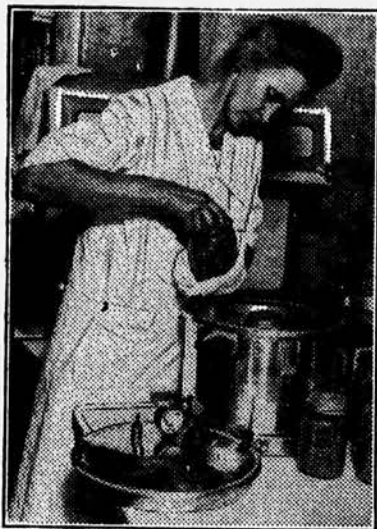
Our government is built upon the vote. If that is corrupted true government falls and, as in Chicago, misrule reigns and public funds are squandered. Both the treasuries of Chicago and Cook County are bankrupt.

If we permit private interests to buy seats in the Senate or in Congress, public interest disappears, our national government is subverted and popular rule ends.

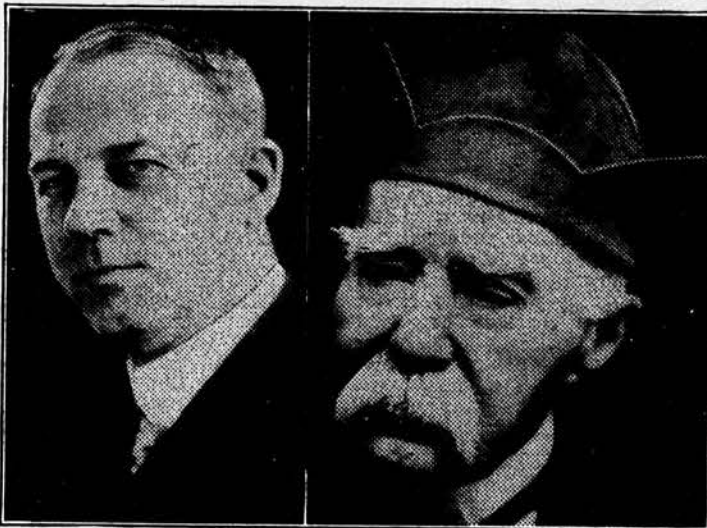
I do not expect any such terrible event to happen, but it is strictly up to the people and their representatives to see that it does not happen.

Arthur Capper
Washington, D. C.

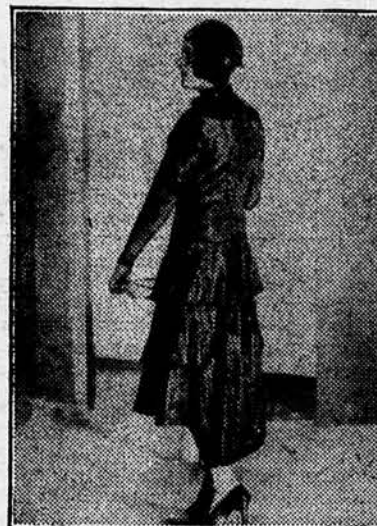
World Events in Pictures



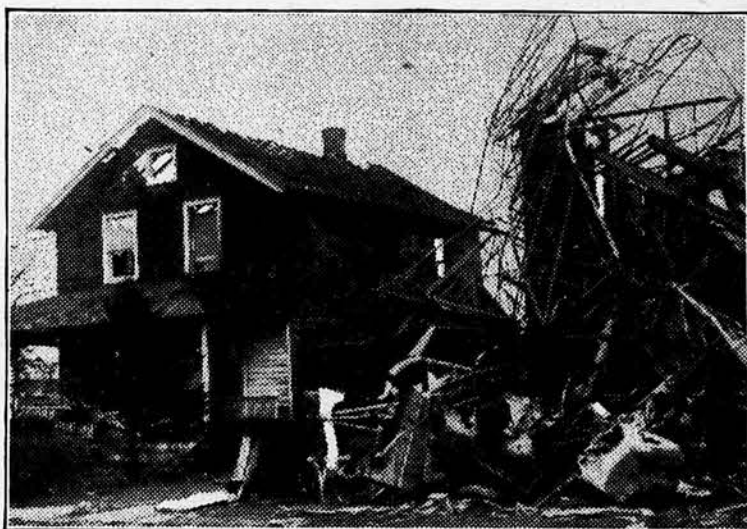
"Alike as Two Peas," Doesn't Mean Much to Mrs. Mary Hvass, Wisconsin, Who Sifted Great Quantities of Peas for the Quart That Won Grand Prize of \$1,250 in the National Canning Contest at Chicago



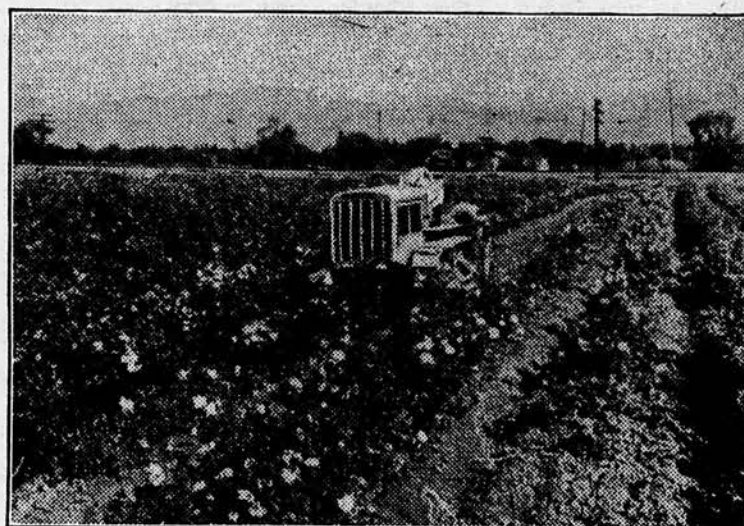
Julius H. Barnes, Left, U. S. Chamber of Commerce Chairman, Selected by President Hoover to Organize a Permanent Committee of Industrial, Business and Farm Leaders to Stabilize the Prosperity of the Nation. Right, Georges Clemenceau, Leader of the Great French Republic During the World War, as He Appeared a Few Days Before His Death



Smart Frock of Brown Renaissance Moire of Bemberg Silk with Fitted Bodice and Tiered Skirt. This Is One of the Season's Really Smart Productions, so Modistes Say



A View of the Skeleton Framework of What Was the Largest Passenger Plane Ever Constructed in the United States, and the Ruins of One of the Homes It Fired When It Crashed at Carle Place, L. I., Causing a Loss of \$150,000. Both Passengers in the Plane Escaped Injury



Power Machinery Goes in for the Finer Things of Life. Here is a Tractor Cutting Rose Bushes in Preparation for a Busy Christmas Season. Flowers from This California Nursery—Three Crops of Them a Year—Are Sent to All Parts of the United States



Friendly Enemies—Capt. Ernst Hashagen, Left, Retiring Commander of the German U-Boat 62, Met Commander Norman Lewis in London for the First Time Since They Fought in the Irish Sea During the World War. The Englishman's Boat Was Sunk and Hashagen Took Lewis Prisoner



The Beautiful Swedish Film Star, Jean Holmquist, Who Is Rapidly Gaining Popularity. Her Latest Picture, "The Strongest," Has Won the Acclaim of Critics



Left, Young Stribling, Feeding the Pigeons in Trafalgar Square, London, Before His Fight with the Giant Italian, Carnera, to Whom He Lost on a Foul



A Trio of New Hats Selected in Paris the "Style Center of the World," as Something Outstanding for the Season. Now Just Compare These With Hats of Years Ago When Anything Smaller Than a Buggy Wheel Just Wouldn't Do



Olga Celeste, Swedish Wild Animal Trainer, in the Den of Danger at Luna Park Zoo, Los Angeles. These Animals Are Neither Old Nor Toothless, and a Hungry Leopard Is Not an Ideal Playmate, Which Makes This Feat More Daring Since, as a Part of Their Training Routine, Miss Celeste Feeds the Animals Three Times a Day from a Platter in Her Hand

Former Club Boy Had Champion Steer

Kansans Figured Well up in the Winnings at the International

By Raymond H. Gilkeson

UNDoubtedly the feature of greatest importance at the recent International Live Stock Exposition in Chicago, was the presence of a huge army of 4-H club boys and girls. There were 1,300 in all representing 44 states under our flag and one Canadian province, and each member went to Chicago by virtue of outstanding leadership and accomplishment in club work at home. Obviously the International was host to the most capable gathering of boys and girls a world has to offer.

These boys and girls are termed the most important part of the big show not only because of the big part they took in making this most recent International the greatest in history, but also because in their hands they hold the future success of all similar expositions and the progress of American agriculture. Their contests and exhibits drew as much interest as any part of the show. Among themselves the 4-H club members exhibited the keenest kind of competition and finished ability in showmanship. In numbers there were more club members at Chicago this year than ever before, and as for entries at the International they had twice as many as in any other year. Youth entered our great livestock shows a few years ago as an experiment; today they supply the very breath and life of such gatherings, as well as the promise that the work of mature leaders in the livestock world will be carried on to future generations.

4-H Work Is Important

The boys and girls did themselves proud in their section of the International. There they proved that they have real ability. But honors were not to be confined to 4-H club work alone for them. Over in the open divisions where livestock men with years of experience back of them exhibited their best, club training stepped in to carry away one of the most coveted prizes of the International, the grand championship of steers. This fine award went to an Iowa farm boy, Elliott Brown, 20, of Rose Hill, and his Aberdeen Angus steer, "Lucky Strike." This pair of champions survived the keenest competition in the show's history, stepping ahead of another Iowa boy and his steer for the premier honors.

Reserve grand championship was won by Waldo Mommsen of Miles, Ia., who is a 4-H club member, and "Mike," a grade Aberdeen Angus steer, which had been judged champion in the junior livestock feeding contest and grand champion yearling. Waldo just fell short by one place of duplicating the record of Clarence Goecke, 12, of State Center, Ia., who won the grand championship on his steer last year after winning junior honors. Iowa boys seem to be getting the habit of winning these high prizes. We call your attention again to the fact that the reserve grand championship was won by a 4-H club boy, and add that the grand championship was earned by Elliott Brown, who just graduated from 4-H club work last year. This young man has earned something more than \$5,000 in the last few years in livestock work. All of these points again stress the importance of the great institution of 4-H clubs. It has inspired these two boys just mentioned and thousands upon thousands all over the country, to fit themselves well for life and worthwhile citizenship.

Beef Steak \$12 a Pound

It is interesting to note how quickly big business and a mature world in general recognizes junior leadership. "Lucky Strike," left the possession of Elliott Brown at an exceedingly flattering figure. Elliott sold his grand champion steer to a New York millionaire for a total of \$7,835. And that is a breath-taking price. Folks at the Chicago show had to whistle and cheer. Then out came pencils to figure the price down to the pound. This amounted to \$8.25 a pound on the hoof for the 950-pound animal. However, the story is different by the time the consumer is ready to figure in on the price of beef steak. After the steer was dressed it would have to sell for \$12 a pound to break even for the purchaser. This price paid for the steer set a new high mark, exceeding the sale of last year's champion by \$1.25 a pound. The animal has been donated to the United Charities of Chicago by the purchaser, and will help bring happiness to a lot of deserving folks during the Christmas season.

Kansas hasn't been mentioned as being outstanding at the International so far in this review, but not because we didn't have any winners there. Of course, when we mention the 4-H clubs we are talking about Kansas, because our delegation at the International certainly was a source of pride for all visitors from the Sunflower state. There were 80 in all, with their leaders, and they brought back some of the best prizes. Included in the Kansas delegation were Jeannette Parsons, Goodland, and Herbert Clutter, Larned, the health champions of the state, who went to Chicago with expenses paid by Senator Arthur Capper; 13 winners of trips given by

the Santa Fe, 20 winners of Rock Island trips, 10 project champions, a livestock judging team, a girls' demonstration team and 25 members of the Sedgwick County 4-H Club Band. The band was under the direction of Harold Johnson, county club leader with headquarters at Wichita. This is the first time a Kansas club band has appeared at the International and it was the only strictly 4-H club band at the show. All of these fine Kansas musicians are carrying club projects and they earned \$1,000 themselves toward paying their expenses to Chicago. The band is a fine example of the effective work that is being done by the Sedgwick County Farm Bureau.

We cannot pass from the 4-H club section without mentioning that the Kansas boy health champion was a strong competitor for national honors. He is, as you already know, Herbert Clutter, Larned. He made such a good score that he



was named one of the blue ribbon winners, which ranks second only to the national championship. Florence Smock of Florida and Harold Peatline, Indiana, both 17, were the winners. You will remember that Kansas sent the first national girl health champion to Chicago two years ago, in the person of Marie Antrim, Kingman county. Fay Ljungdahl, Manhattan 4-H club girl, figured in on the Chicago winnings by taking a grand championship for dressed beef carcass, which sold to a hotel in the big city for 80 cents a pound, or a total of \$561.60. Another winning of which Kansas is proud was made by Jeannette Gamble, of Montgomery county. This was in the "complete costume for a 4-H club girl" contest. Twenty-five states competed for highest honors but Jeannette won first for Kansas. Her entire ensemble, including dress, hat, shoes and underclothing cost only \$20.80. She purchased material and made the skirt, blouse and jacket at a cost of \$8.80. It seems that Kansas 4-H club folks not only learn how to produce the utmost in quality on the farm, but also how to get the most for their money when it comes to spending.

In the hay and grain section Kansas did quite well by getting in the money 16 times. A final summary made by the International folks shows that S. E. Feller & Son, Hiawatha, placed sixth on Sweet clover seed; Harold Staadt, Ottawa, placed 13th on 10 ears of white corn for Region 4; Lathrop E. Fielding, Manhattan, took second on alfalfa hay; Clarence C. Cress, Abilene, took eighth on 10 ears of yellow corn for Region 6; Edwin McCollm, Emporia, seventh, and C. Talbot, Manhattan, eighth, for 10 ears of corn in the junior show for Region 4; Frank Bertram, sr., Greensburg, took seventh on kafir; and Kansas exhibitors placed for oats, took five ribbons with hard red winter wheat, and three ribbons on soft red winter wheat. Records show that a man from the foothills of the Canadian Rockies, Joseph H. B. Smith, of Wolf Creek, Alberta, kept "Wheat King" honors from going back to Montana for the third year. Mr. Smith didn't attend the show

but sent his box of hard red spring wheat, perhaps little dreaming that he would win the top prize. The new corn kings live in Indiana and Missouri. L. M. Vogler of Hope, Ind., won the championship honors for the best 10 ears of corn, while J. L. Pfantz, Hannibal, Mo., had the best single ear. Maurice Butler, Illinois, 16, took the junior corn king title. The new hay king is M. J. Gillette, Lexington, Neb., who sent the best bale of alfalfa to the International.

Hazlett Took Some Prizes

There was everything in the open classes of livestock that any one could wish to see. Something more than 12,400 animals made the 30th annual International Live Stock Exposition the best in history. International honors and the \$100,000 in cash prizes drew the finest herds of the country for nearly half a million show visitors to see. This was the largest cattle show the International has seen. Sheep, swine and horses numbered nearly the same as a year ago, and to mention club folks again, just double the number of 4-H boys and girls had exhibits at Chicago as compared to the high record set in 1928. "To get some idea of the truly international scope of this exposition," Secretary B. H. Heide suggested, "all you have to do is to look at the list of entries. Take the Shorthorn breed as an example. Nominations from Massachusetts compete with those from California, and several of Ontario's foremost red, white and roan herds are matched with those of Texas. Similarly Herefords are assembled here at Chicago from Alberta, Oklahoma, Kansas, West Virginia, California and many other states."

Here again Kansas put in her bid for highest honors and did well. Inheritor, a Hereford owned by Robert H. Hazlett, El Dorado, won the reserve championship for steers of all breeds under a year old. In the fat Hereford division Mr. Hazlett also took first for steers or spayed heifers 12 to 14 months old. He also won, in the breeding classes, first for four head the get of one sire, first for aged herd, second for yearling herd, first on two females any age and second for two calves. The Kansas State Agricultural College won the top ribbon for the champion barrow, a Berkshire bred by Beardwell & Feeney, Wakeeney, in the swine show. P. A. Wempe, Seneca, took two firsts for the best aged herd of Tamworths and for the best four the get of one sire in breeding classes. Total tabulations show that our agricultural college placed in the winnings 18 times.

A New Exhibitor Won

A load of Poland Chinas exhibited by Albert Kuenster, of Wisconsin, won the carlot championship. This was the first experience at the International for Mr. Kuenster, which should be an urge to more hog raisers to try for the big money in the shows. E. P. Hall, of Illinois, exhibited a load of Angus yearlings that took top money in the carlot section. This is the 10th time such honors have been earned by Mr. Hall. He had a close race this year with Tolan Farms, also of Illinois. Some of the Tolan calves came from Kansas herds, which points out again the importance of this state as an Angus center. In all of the judging work the Kansas agricultural college and 4-H club teams did well.

The World's Best Cooks

FOR some time the editors of Kansas Farmer have contended that Kansas farm women are the best cooks in the world. Now the thing is settled. Julia Ellen Crow, Silver Lake, was awarded a cash prize of \$200 for a champion can of beef and Mrs. Thad T. Scott, Pratt, received \$100 on a can of tomatoes in the national canning contest held in Chicago. You see these representatives of culinary ability are experts in home canning, but when it comes to getting up fried chicken dinners with all the trimmings they have no equals.

See the Other Half

IT PAYS to believe only half you hear. That warning has been handed down thru the years, but if you ask A. J. Paden, a farmer near Plains, he very likely will tell you it still is true. Not so long ago he was driving in his car near Meade when a tire blew out. He knew his tires were getting thin, so he stopped his car, walked to a nearby farm house and telephoned for a tire service man. The help soon arrived and discovered that it was Paden's spare tire that had blown out.

A Game Price at Least

IGNORANCE is no excuse, of course, but a lot of times it comes in handy. For instance the price of guinea hens is the highest it has been for quite some time. Those birds are highly prized by Easterners and likely will continue to be until they discover they are not game birds.

Science has produced a longer-wearing, all electrically welded hardened steel tire chain—



*It's the new
WEED
AMERICAN*

The new cross chain

Across the contact links we have electrically welded re-enforcing bars, of 9/32" hardened steel. These re-enforcing bars, besides gripping the road, strengthen the chain against early breakage.

**When the
cross chain
wears**

The cross chain shown at left (see inset) has already traveled a great many miles. An ordinary cross chain would have worn through long ago. Note the re-enforcing bar is only partly worn through, and the link proper is just starting to show wear.

The new side chain

It's electrically welded. It has more links. It can't kink. It's tougher. It's stronger in the pull and withstands the roughest ruts.

We could have told you two years ago about this wonderful new tire chain—but we decided to give it the most brutal tests that chains could be put to. In fact, because this new tire chain of ours seemed too good to be true, we abused it, misused it, and tried it out on every sort of street and road and testing ground.

It has more than proved its advantages. So now we are telling you about it. It doubles the wear you expect after using ordinary tire chains. The traction it gives greatly increases the margin of safety.

Dealers say the new Weed American is worth two pairs of ordinary chains. Your Weed Chain dealer will be proud to show you their exclusive advantages. Get Weed Americans. Made by the American Chain Company, Inc., Bridgeport, Conn. World's Largest Manufacturer of Welded and Weldless Chain for all Purposes. The name WEED is stamped on every hook.



WEED AMERICAN

for longer wear, better traction, greater safety

Enjoy the Weed Tire Chain Radio program over WOC Monday evenings at 10:00; KOIL Tuesday evenings at 6:00; WCCO Friday evenings at 9:30.

Herd Infection

Write for information. Ask for a FREE copy of THE CATTLE SPECIALIST and how to get the PRACTICAL HOME VETERINARIAN a livestock Doctor Book without cost. Find out why your cows lose calves—why they retain the afterbirth—why they fail to breed—why they have garget—why your calves have scours and goiters—why you have a shortage of milk. Veterinary Advice Free. Write to

DR. DAVID ROBERTS VETERINARY CO.
218 Grand Avenue
Waukegan, Wis.

Empire Oil-Burning Tank Heater

Greatest improvement ever made in tank heaters. Fits any tank. Burns 14 to 16 hours on one gallon of kerosene. No sparks, ashes or smoke. Heating chamber entirely under water; no heat wasted. Guaranteed. Saves feed—pays for itself repeatedly.

EMPIRE NON-FREEZABLE HOG WATERER

Heavy galvanized iron—70 gallon capacity. Oil burner directly under trough—guaranteed not to freeze. Keeps water warm at a small cost. Keeps hogs healthy—fatten faster on the same feed.

FARMER AGENTS
wanted in every locality. Special offer to farmers willing to show Heater and Waterer to prospective buyers. Write at once for price and special offer. Buy direct from factory.

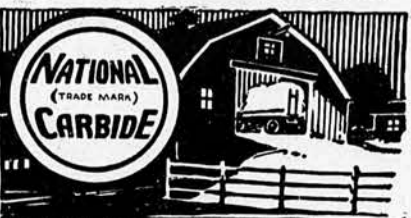
Empire Tank Heater Co.
103 N. 7th St., Washington, Ia.

National Carbide in the RED DRUM Lights Night Work



Saves you money. Your dealer has NATIONAL. If not, write us.

NATIONAL CARBIDE SALES CORPORATION
342 Madison Ave., New York
Coast to Coast Service



Must Select Adapted Seed

Grimm and Kansas Common Are Best Varieties for Conditions in This State

BY S. C. SALMON

KANSAS farmers have encountered so many difficulties in recent years in growing alfalfa that many of them hesitate to incur the expenses of preparing the ground, buying seed, seeding, and taking the chance of a poor stand or no stand at all because of poor seed, lack of suitable conditions for germination, winter killing and so on. It is particularly discouraging when these difficulties are overcome and a good stand is obtained, only to be lost after the second or third year because an unsuitable and unadapted variety was chosen. The matter of

Kansas were it not for the fact that the supply of seed is rather scarce and the demand for it in northern states is such that the price is nearly double that of the Kansas Common. For this reason, farmers who contemplate growing Grimm must do so with the expectation of paying a much higher price for the seed than for other varieties.

Yields Are About Equal

Rather extensive tests conducted by the Kansas Experiment Station during the last few years indicate that about the same yields may be expected from Kansas Common and from Grimm after they once are established and so long as a good stand is maintained. It seems fairly clear that where good seed of Common, known to be adapted to the conditions where it is to be grown, can be obtained there is little justification for paying the high price that is necessary to obtain Grimm. Where one cannot be assured of getting seed of Common, known to be adapted to conditions, the situation is different and one then may well consider the possibility of using Grimm. One reason for this is the fact that considerable quantities of Grimm seed are produced in Utah and other sections where alfalfa seed production is fairly stable, and consequently where seed can be obtained nearly every year. Moreover, this Grimm seed is certified under state supervision and sold in sealed bags so that the purchaser may be assured of getting what he pays for. This is not so generally true of Common alfalfa and hence a situation sometimes develops where one can obtain seed of Grimm of established merit but cannot purchase seed of similar merit of the Common.

The Common alfalfa is the principal variety grown in the United States. It is grown most extensively in Montana, South Dakota, Nebraska, Utah, Idaho, Kansas, Oklahoma, Texas, Arizona and New Mexico. Practically all of these states produce seed at times. The production, however, is extremely variable in all of the states excepting Utah, Idaho and Arizona. In these three states, there seldom is a year in which considerable alfalfa seed is not produced. In the other states mentioned, however, seed production is very erratic and it is not at all uncommon for each of them to produce no more seed than is used locally. This means frequently that Kansas farmers who wish to seed alfalfa must look outside of the state for their seed supply. The question of the relative value of seed from different states therefore arises.

Extensive tests show there is no seed quite so well adapted to Kansas as that which is produced in the state. This probably is true because it becomes better adapted to conditions the longer it is grown. For the same reason, the second best is that which is grown under conditions similar to those in Kansas. Thus, Nebraska, Colorado, Montana and South Dakota seed gives good results when it can be obtained. Arizona seed is practically worthless and never should be used. Texas and Oklahoma seed is only little better.

Utah produces the most seed and usually has a surplus to offer when Kansas has none. In general such seed is of good quality but the plants are not as hardy and yields have been somewhat less than those obtained by Kansas Common. Probably one in general will do better to grow Grimm as mentioned rather than Utah Common when Kansas Common cannot be obtained.

Five per cent of the play-goers, Jane Cowl says, are unintelligent, and go to the theater for no good reason. On the other hand, there are the intelligent ones who go to the theater for a good reason, and do not find it.

good varieties, therefore, is a subject of considerable importance to every farmer who is thinking seriously of increasing his acreage of this legume.

There are a number of varieties of alfalfa of commercial importance. The more important are: Common alfalfa, Grimm, Turkestan, Siberian, Arabian and Peruvian. The latter two varieties are positively non-hardy in Kansas, not being able, as a rule, to survive even our mildest winters. Consequently, they need no further consideration. Practically no seed of the Siberian or yellow-flowered alfalfa is available, and Turkestan alfalfa is available only as it is imported from foreign countries. Since very little of it reaches Kansas markets neither it nor the Siberian need much consideration here. Hence most of the alfalfa seed offered for sale in Kansas is either of the Common or the Grimm variety.

Will Stand Cold Weather

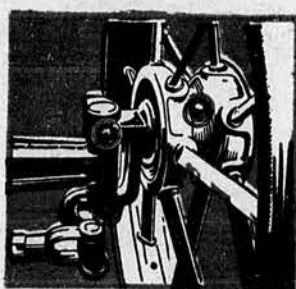
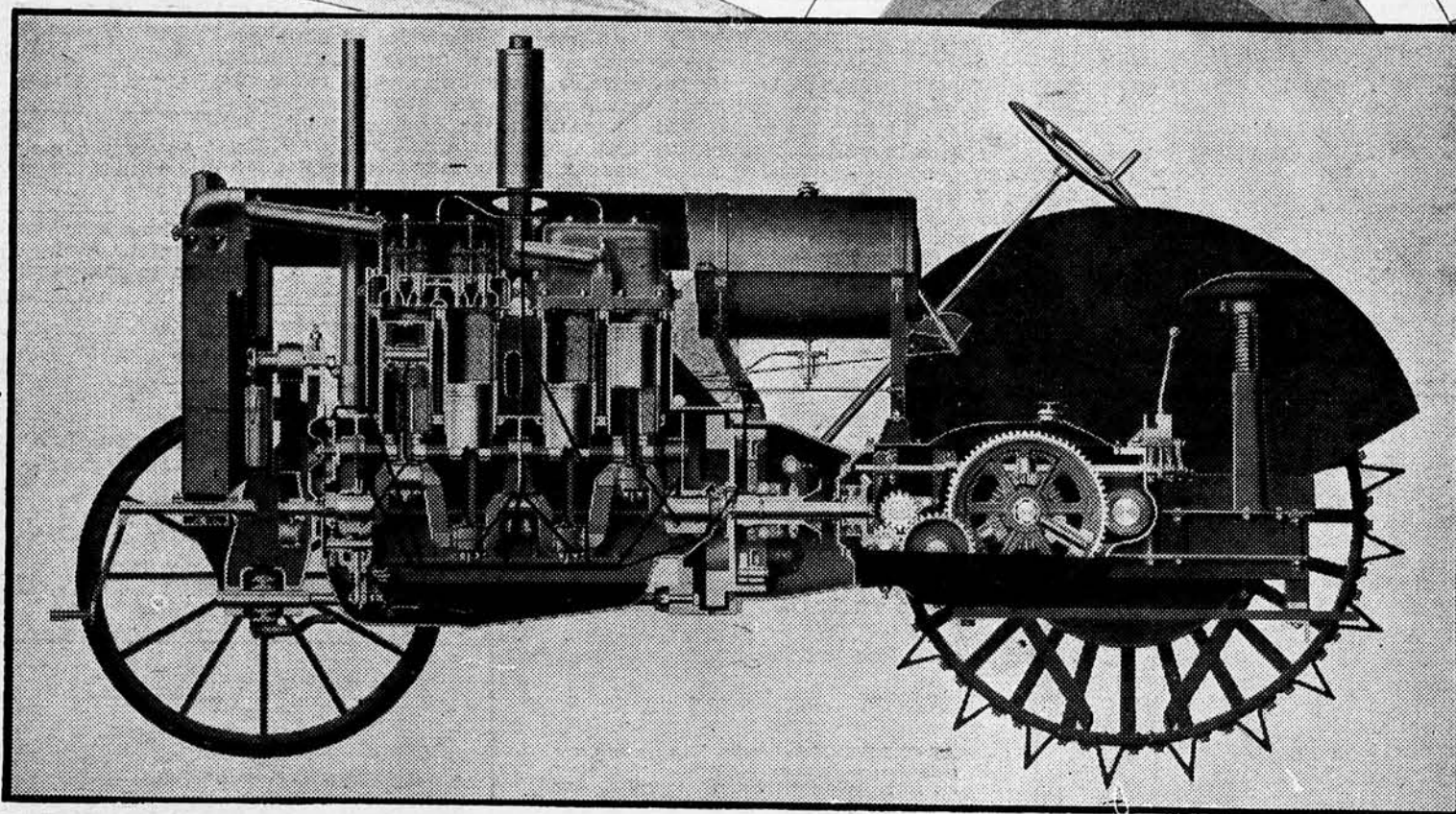
Grimm alfalfa originated in Minnesota more than 50 years ago and is noted particularly for its winter hardiness. It probably will survive colder winters than any other varieties of commercial importance. It is, therefore, prized most highly in the northern states where the danger of winter injury is of paramount importance and it has attracted some attention in Kansas for the same reason.

In a number of cases, Grimm has survived the first winter where Kansas Common killed out, thus permitting the farmers who had Grimm to establish a stand, whereas their neighbors failed. On the other hand, a number of cases have been observed where Grimm has been more seriously injured by bacterial wilt than has Kansas Common and this has given rise to the opinion that it is more susceptible to this disease than is the Kansas Common. So far, the evidence on this point is not entirely conclusive and hence, final judgment as to the relative merits of the two varieties in this respect must be withheld.

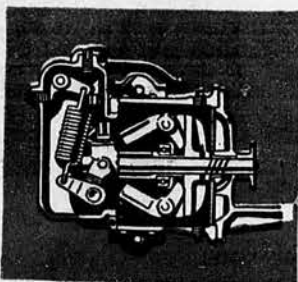
There is no doubt that Grimm would be grown more extensively in

OIL

to every moving part



The Timken bearings and spindles of the front wheels are lubricated by means of grease gun connections. Easy running — easy steering — long life — few repairs.



The Governor on the Allis-Chalmers 20-35 is fully enclosed and runs in oil. The wear on moving parts is almost negligible. The accurate operation of this important member keeps fuel consumption at a minimum.

Thorough Lubrication Enables the A-C 20-35 to Work Hard Without Overheating

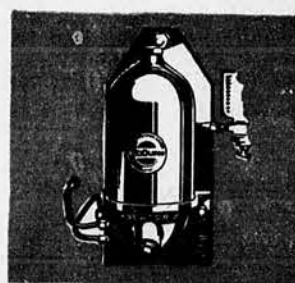
WHEN you're buying a tractor, remember that its life depends upon its lubrication. Remember that only well lubricated moving parts last very long — that low repair cost goes hand in hand with thorough lubrication. In the A-C 20-35, the lubrication system is complete — for the engine and all other parts where wear might occur. The engine, for instance, has the pressure lubrication system. Oil is forced by a pump to main bearings, connecting rod bearings, piston pins and rocker arms. And the oil is cleaned every four minutes by the PurOlator—all carbon and other grit is removed.

No wonder the A-C 20-35 can pull four plows through hard ground without boiling and balking. Its well lubricated engine purrs along with no danger of scored cylinders and burned bearings.

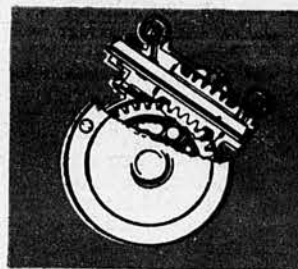
Bear these facts in mind when you're buying a tractor. And to make doubly sure that you get full value for your money, send for complete details about the A-C 20-35.

Fill in and mail the coupon now.

ALLIS-CHALMERS MANUFACTURING COMPANY
(Tractor Division)
504-62nd Avenue Milwaukee, Wisconsin
Specialists in Power Machinery Since 1846



Every four minutes the oil is cleaned by the PurOlator.



The worm gear type steering mechanism is enclosed in an oil-tight case and is constantly lubricated. All steering connections are lubricated by means of grease gun connections.

TUNE-IN-ON

| the Allis-Chalmers Mfg. Co. Radio Program | | |
|---|---------------------|--|
| WCCO — Mondays | 7:00 to 7:30 P. M. | |
| KFBB — Mondays | 8:00 to 8:30 P. M. | |
| KNX — Tuesdays | 7:30 to 8:00 P. M. | |
| WDAY — Tuesdays | 8:00 to 8:30 P. M. | |
| KMMJ — Tuesdays | 1:00 to 1:30 P. M. | |
| WBAP — Wednesdays | 9:30 to 10:00 P. M. | |
| WIBW — Wednesdays | 8:30 to 9:00 P. M. | |
| WLS — Thursdays | 8:00 to 8:30 P. M. | |
| WNAX — Thursdays | 7:30 to 8:00 P. M. | |
| KLZ — Fridays | 8:30 to 9:00 P. M. | |

Allis-Chalmers
20-35
(Model E) TRACTORS

Send me complete details about the A-C 20-35 Tractor.
Name _____
P. O. _____
R. F. D. _____
State _____



Rural Health

Dr C.H. Lerrigo.

Protective Foods Are the Ones That Make You Healthy and Keep You Going

ALTHO not a preacher I once composed a Christmas sermon. It said: "Beware of Christmas eats. Look not too longingly upon the meats and candies. Let green vegetables satisfy much of the craving for meat food, and sweet fruits delight the stomach rather than rich candies. Consume such sweets as thy soul longeth, yea even panteth for by eating them on a full stomach rather than an empty one. But yield not to temptation, for in too much candy there is weariness of the stomach and after its excess cometh the stomach pump and great remorse."

I wrote that several years ago before the health magazines seemed to say much on the subject. Now I find that I have a lot of fellow preachers. Doctors everywhere speak of the importance of "protective foods." They mean the foods that do more for you than supply fuel. The fuel foods are good enough. You have to take them to keep up your work, but the "protective foods," those that are rich in vitamins and calcium, are the ones that make you healthy and keep you going. They are not difficult to obtain and are easy to eat both for adults and children. You will agree with this when I remind you that they include whole milk, butter, fresh eggs, nuts, apples, oranges, figs, lettuce, raw cabbage, tomatoes, peas, carrots, greens, as well as all kinds of fruit juices. This does not cover the whole list but offers a few samples that are appetizing.

There are many foods that contribute little in the way of calories, yet are indispensable to a well-balanced meal because of their mineral properties, or because they contribute the cellulose which you need for "roughage." You must put these in your bill of fare, altho they may not seem so tasty as other Christmas delicacies.

My experience of many Christmas seasons has been that when "holiday eats" demand a doctor it is because the patient has yielded to the cravings of the palate and has become gluttonous of some special variety of food. Such patients are as likely to be adults as children. In the child the gluttony is likely to be for sugar foods, in the adult for meats. Take apples and keep the doctor away.

Trouble May Be Deeper

What is the cause of too rapid heart action and can anything be done for it? My son, 25 years old and apparently in perfect health, is refused by an insurance company as a risk for that reason. He is a hustling farmer and likes the work, but I wondered whether office work would be any better for him. He has a high school education and one year of college and could take a business course. S. R. W.

I should be inclined to suspect some deeper trouble. Rapid pulse is not sufficient reason for refusal by a life insurance company. The excessive use of tobacco often causes a rapid pulse and other bad habits may do so. I think he should have careful tests of blood pressure and heart action. I would not advise change of occupation.

Is the Wrong Principle

What do you think of giving a year old baby a teaspoonful of castor oil every other day, just to keep her bowels regular?

Mother.

I think it a very wrong principle to work on and the end will be constipation. Never give laxatives to a baby excepting for definite purposes. Give the child a little fruit and allow a mixed diet. She may have cereals, dry bread, a little butter, small portions of thoroly cooked green vegetables, mashed to a pulp, and almost any kind of broth or soup which is prepared in milk.

No Vaccine for This

Please tell me whether there is a good vaccine to keep children from taking whooping cough. Can whooping cough be carried in clothing? Mrs. K.

There is no vaccine against whooping cough sufficiently reliable to allow one to depend upon it. The only

way to prevent your child from getting the disease is to keep him away from infection. If you have a young child, and also have in your family school-going children who have not had whooping cough, an epidemic should make you very watchful. I do not think the disease can be carried in clothing but it spreads readily from child to child.

Good Road Show Ahead

An extensive exhibit of the latest developments in subgrade soil research is now being prepared by the Bureau of Public Roads, United States Department of Agriculture, for display at the fifth annual Southwest Road Show and School, Wichita, February 25 to 28 inclusive, 1930. The exhibit will explain the fundamental principles of the new subgrade soil science, and illustrate the practical

usefulness of these principles in connection with the design of highways.

The representative groups of subgrade soils according to their degree of serviceability will be defined and tests indicated for determining the group in which a given soil should be classified. Engineers of the Bureau will be present to demonstrate the tests that have been developed for soil classification.

The exhibit will explain by written text, colored photographs, models, and demonstration, such factors as cohesion and internal friction, stability, capillarity, bulking of sands, expansion and shrinkage, permeability, compressibility, elasticity and frost heave. Simple tests for evaluating these factors will be displayed together with a procedure for examining subgrades in the field and mapping subgrade profiles.

The practical application of the material will be explained in detail by illustrating the type of drainage systems required to overcome certain adverse conditions; when a roller of given weight will provide sufficient compaction; the kind of sub-bases that are adequate and conditions under which they may be detrimental; the recommended cross sections of surfacing for the several conditions; together with a wealth of other construction and design data of direct practical application.

Easy to Read New Type

HAVE you noticed that the type used in printing this and last week's Kansas Farmer is easier to read? Beginning with the first issue in December, the use of a new font of body type was inaugurated. The name of the new type is Ideal News. Compare this issue of Kansas Farmer with issues dated previous to December 7, and note the difference in type.

Ideal News type was developed after exhaustive tests by optometrists, educators and typographical experts. They made experiments with many different styles and faces of type, with every variety of shading, and finally the new type used by Kansas Farmer was selected as the one providing greater readability and legibility with the least eye strain to the reader.

As everybody already knows, a bee dies when it stings you. And a friendship acts that way, too.

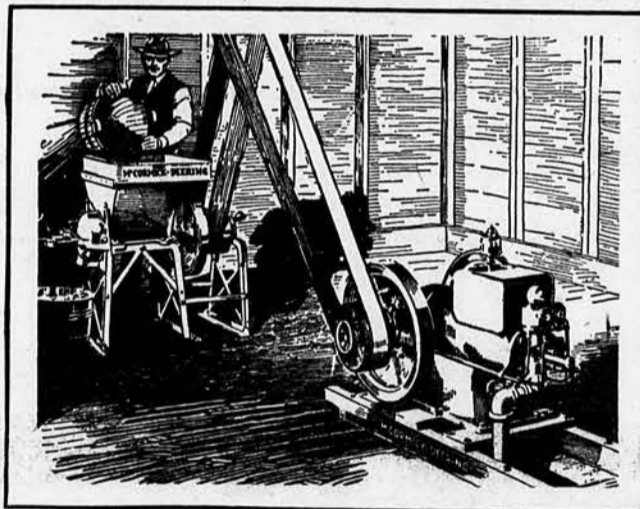
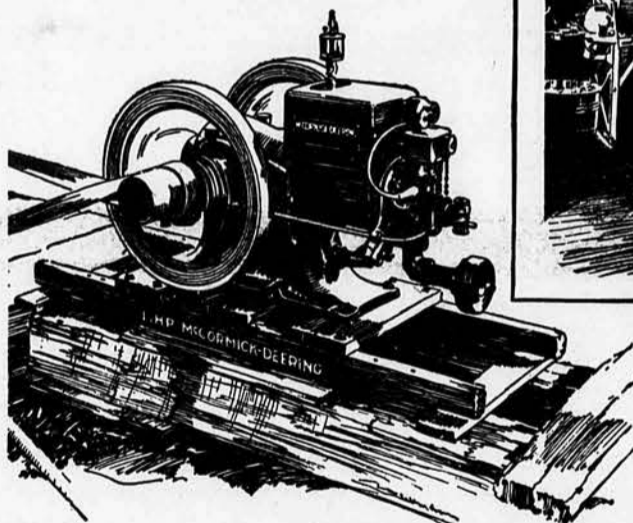
"Home May Be Raided Without a Warrant." Some day this may apply even to speak-easies.

You Will Like Them

McCormick-Deering Engines, Grinders, and Shellers

Are Quality Products Through and Through

AT ONE END of the belt that drives a grinder or a sheller there must be power. McCormick-Deering Engines are full-powered, dependable, and economical. Four sizes: 1½, 3, 6, and 10 h. p.



EVERY TEST PROVES it pays to grind feed. McCormick-Deering Feed Grinders, with double-faced, reversible grinding plates, are obtainable in three sizes, for engine or tractor operation.

ANY farmer who takes pride in his work and in his machines will find a McCormick-Deering Engine, Feed Grinder and Corn Sheller exactly what he requires when it comes to "refining" the crops for feeding.

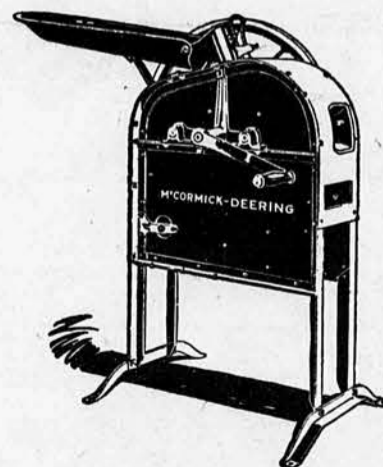
Built to exacting standards of quality and performance, these tried-and-true Harvester products will more than satisfy

you as they work for you during long years of low-cost service.

On request, the McCormick-Deering dealer near you will demonstrate these popular machines. He is always ready to prove out the qualities of any of the many items in the McCormick-Deering line. Feel free to call on him for your farm equipment needs.

Descriptive Literature Sent on Request

INTERNATIONAL HARVESTER COMPANY
606 So. Michigan Ave. OF AMERICA Chicago, Illinois
(Incorporated)



McCORMICK-DEERING Corn Shellers are made in six styles that shell from 4,000 bushels per day down to the limited output of hand-operated shellers. All models do a clean job of shelling and deliver the corn in fine condition for seed, feed, or market, with a minimum expenditure of power, labor, and money.



Satisfy Your Boy's Spirit of Adventure With Good Books From Capper Book Service

BY D. M. HARMON

IN THIS age of machinery, speed and exhaust-filled air, it's no wonder boys enjoy adventure stories. Lindbergh's flying, Commander Byrd's Polar expeditions, Commander Ecken's tour of the world and other adventures keep alive the spirit accompanying uncertainty. They present to young boys heroes of undaunted courage, adventure, quest and fearless approach.

Nature takes the average boy thru the stage of adventure. It is only natural that this instinct should be enhanced today when an adventurous spirit prevails thruout the world. Lucky, too, that the heroes are outstanding men after whom we would gladly have our boys pattern.

Developing a Natural Instinct

As we have said, current history awakens this impulse which can be carried on and developed by providing books of adventure for boys. Let them move amidst scenes of carnage and hair raising dangers. Let them admire the hero who does things nobly and bravely. The adventurous spirit, even under lawless conditions, has its grandeur and its decency. Reward goes to the deserving and punishment finds its proper victims. It is far better to let our boys fight battles with the book hero,

under the careful supervision of the author's pen, than to turn him loose to be "picked on" or to pick his own fights.

All parents have encountered the problem of just what books to buy. The best solution is to begin several series in your child's library and as occasion presents itself add a few volumes as a gift. Or do not be surprised to find your boy saving his dimes to add a few volumes of his favorite hero's adventures at his own expense.

Tom Swift's Adventures

One of the most popular series is the thrilling experiences of Tom Swift. He is an ingenious boy with an inventive turn of mind. He courageously tackles and finishes many an honorable job in his adventures, among the diamond makers, with his airline express, his motorboat, his giant cannon, his sky racer, his war tank, his wireless message and many other stories. He leads his admirers thru a perfect maze of experiences that are bountifully fascinating.

Scouting With the Scouts

It is an old adage that clothes do not make the man, but we are learning that they play a large part in making the boy into a man. A boy

feels what his clothes express. Parents and leaders know that Boy Scout uniforms tempt boys to be good. In his scout uniform a boy not only identifies himself with the stalwart buckskin men of old, but also with the peace officers of the living present.

So much is known today of how scouting affords boys a good time that innumerable books have been written about scouts, for scouts and other boys to read. Interwoven with every possible scout activity are tales of adventure and daring in the Far North, in the wilderness, and on the battlefields of the Great War. Every scout should read these books and reading just one of them will make every boy want to be a scout.

We must give space to the Radio Boys. This is a new series giving full detail of radio work both in sending and in receiving. They show how

small and large amateur radio sets can be made and operated, and they tell how some boys got a lot of fun and adventure out of what they did. Each volume from first to last is thoroly up to date and accurate.

With all the many new books, I can't overcome a fondness for some of the old timers. Nothing is more thrilling than Cooper's "Deerslayer," "The Last of the Mohicans," or "The Spy." "Treasure Island" and other of Stevenson's stories have caused me to plan many treasure hunts. Then there is "Robin Hood," "Robinson Crusoe" and "Tom Brown," all of whom can take us thru some exciting experiences.

Today there are boys' books and more boys' books. All would make most acceptable holiday gifts. Write to Capper Book Service, Topeka, Kan. for our complete list of boys' books.

Books for Holiday Gifts

BUYING gifts for boys between the ages of 10 and 16 is difficult. They have outgrown toys and haven't come to the age where appearance means enough to them to fully appreciate a tie, socks or a handkerchief as a gift. The solution is books. There are books to suit every boy's temperament; and Capper Book Service can supply you with them. Remit the price listed and the books will be sent to you postpaid.

| | |
|---|-----|
| The Boy Scout Series, 27 books—each | 50c |
| Radio Boys Series, 9 books—each | 50c |
| The Broncho Rider Boys Series, 6 books—each | 50c |
| The Ranger Boys, 5 books—each | 50c |
| Tom Swift Books, 32 books—each | 50c |
| Dick Kent Series, 6 books—each | 50c |
| Royal Mounted Police Series, 7 books—each | 50c |
| The Deerslayer, James Fenimore Cooper | 60c |
| The Last of the Mohicans, James Fenimore Cooper | 60c |
| The Spy, James Fenimore Cooper | 60c |
| Treasure Island, Robert Louis Stevenson | 60c |
| Robin Hood, Arthur Malcolme | 60c |
| Robinson Crusoe, Daniel Defoe | 60c |
| Tom Brown's School Days, Thomas Hughes | 60c |

Complete list of series books will be sent on request.

Capper Book Service, Topeka, Kansas

They're all CHICKS



BUT only one will be a champion layer.

And it's All Oyster Shell

BUT There's one shell that has been fed to the champion layers of the past 2 years . . . Reef Brand, the pure, washed, young shell free from all animal matter. Quickly digestible, over 99% Calcium Carbonate (egg-shell material). It's that necessary material that enables your hens to lay more eggs with firm shells, hatching strong, healthy chicks. Reef Brand gives you 25% more eggs, better eggs . . . more and better chicks. Yet Reef Brand costs you less than a nickel per hen a year. Packed 100 lbs. net. Odorless and dustless. At your dealer's.

Reef Brand

PURE CRUSHED OYSTER SHELL FOR POULTRY

GULF CRUSHING COMPANY

NEW ORLEANS, U. S. A.

GEE BEE FEEDS

for Every Feeding Purpose



WHETHER you are feeding poultry, hogs, dairy cows or cattle—one animal or a thousand—GEE BEE Feeds will save and make you money every day of the year!

GEE BEE Feeds are the result of many tests under actual feeding conditions. They come to you *proved* feeds, ready to produce the results you want at lowest cost. Go to your local dealer for the

GEE BEE Feeds you need. Now is the time to feed your hens on

GEE BEE Egg Mash

It will assure you more eggs and more profit all winter long. Contains eleven beneficial ingredients scientifically blended into a perfectly balanced feed. It supplies your hens with the right kind of protein they need in winter. Every sack tested and proved by poultry experts.

GRAIN BELT MILLS CO.
So. St. Joseph, Mo.
(111)

GEE BEE FEEDS for Extra Profits

CHICK STARTER and DEVELOPER

EGG MASH

SCRATCH FEED

HOG FEED

PIG MEAL

DAIRY FEED

CALF MEAL

RABBIT FEED

MOLASSES LUMPETS

MAIL THIS COUPON

for free literature on how to get more egg money this winter, also free Egg Record and Culling Charts. Check squares for other feeds in which you are interested.

FEED SERVICE DEPT., Grain Belt Mills Co.
Desk B-1228, So. St. Joseph, Mo.
Mail me free Egg Mash literature and free Egg Record and Culling Charts. I am interested in the following:

Feed for Poultry ☐ Hogs ☐ Pigs ☐
Dairy Cows ☐ Cattle ☐ Rabbits ☐

Name.....

Town.....State.....R.F.D.....

Puzzles Every Girl and Boy Can Work

I AM 10 years old and in the fifth grade. For pets I have 14 little White Leghorn chickens. I go to the Christian Day school. My teacher's name is Mr. Dabercow. My daddy is a mail carrier and carries lots of Kansas Farmers on his route. We live on a 20-acre farm. My mother raises lots of chickens. I wish some of the girls and boys would write to me.
Haven, Kan. Dorothy Koch.

Finish This Limerick

A man who lived over the seas
Always ate lots of pepper and cheese.
When he sprinkled it on,
This fellow named John

Can you finish this limerick? Send your answers to Leona Stahl, Kan.



sas Farmer, Topeka, Kan. There will be a surprise gift each for the first 10 girls or boys sending correct answers.

Alma Has Plenty of Pets

I am 9 years old and in the fourth grade. For pets I have six calves, four cats and two dogs. I like to play with all of them. I have a sister named Gertrude and a brother Dwight. I have a doll. I like to read the girls' and boys' page and work the puzzles. I wish some one would write to me.
Lecompton, Kan. Alma Henry.

Florence Enjoys Football

I am 14 years old and am a freshman in high school. I like to go to school very much. I take Latin, English, general science and ancient history. Latin and English are rather difficult for me. I like football very much. We girls have organized a club

called the Whoper Up club. We go on hikes and have breakfasts. We are always out on the sidelines to yell for the boys in football. I like to read the girls' and boys' page. I wish some of the girls and boys my age would write to me.
Florence Ditto.
Turon, Kan.

We Hear from Wilda

I am 10 years old and in the fifth grade. I was 10 years old July 14. I have brown hair and blue eyes. Have I a twin? I live 1/2 mile from school. My teacher's name is Miss Smith. I go to Forest Grove school. For pets we have two dogs and a kitten. The dogs' names are Trix and Snap and the kitten's name is Tom. We live 5 miles from Effingham, Kan. I have one brother. His name is Milton. He is in the second grade. I enjoy the girls' and boys' page very much. I hope to see my name in Kansas Farmer.
Wilda Law.
Effingham, Kan.

A Fishing Party

1. What fish is an instrument of winter sport?
 2. What fish would conquer in a wrestling match?
 3. What fish would be useful in a lumber-yard?
 4. What fish is found in a bird-cage?
 5. What fish is melancholy?
 6. What fish is part of a shoe?
- The answer to the first question is "skate." Can you guess the others? Send your answers to Leona Stahl,



Kansas Farmer, Topeka, Kan. There will be a surprise gift each for the first 10 girls or boys sending correct answers.

Likes to Go to School

I like my teacher very much. Her name is Mrs. Gibbs. I walk a mile to school. I am in the fifth grade. I am 11 years old. I have dark brown hair and dark blue eyes. For pets I have a little puppy and three hens. I live on

a 150-acre farm. I go to Springhill school. We had a box supper not very long ago. We had a real good time. I like to read the children's page. I wish some of the girls and boys would write to me. Dorothy Lee Travis.
Glade, Kan.



"Please, Mister, Catch My Balloon!"

Try to Guess These

What is the most difficult train to catch? The 12:50, because it's 10 to one if you catch it.
On what side of a church does a yew-tree grow? The outside.
How can you change a pumpkin into a squash? Throw it up and it will come down a squash.
Why should potatoes grow better than other vegetables? Because they have eyes to see what they are doing.
Why is thunder like an onion? Because it comes peel on peel.
Which tree commands the most respect from its fellows? The elder.

Bounce and Brownie Pets

I am 8 years old and in the fourth grade. I have two dogs named Bounce and Brownie. I have one brother. He is in high school. I hope I hear from some of the girls and boys.
Gardner, Kan. George Boyd.

Kathryn Has a Pet Lamb

For pets I have two dogs, a spotted pony and a lamb. I raised a lamb by feeding it on the bottle. It would follow me everywhere, even in the house if it could slip thru the door. I live a half mile from school and ride my pony. I am in the sixth grade. I am

11 years old. My birthday was October 16. Have I a twin? I expect to be a children's nurse. I have one sister, one sister-in-law and one brother. My sister's name is Eula, my sister-in-law's name is Neva and my brother's name is Clifford.
Beloit, Kan. Kathryn Crawford.

Wants to Be a Nurse

I am 12 years old and in the eighth grade. I weigh 63 pounds and have rather dark brown hair, blue eyes and light complexion. My father runs an oil station and I have washed windshields for two summers. I like to go to school. The girls play basketball and baseball. We have 16 in our class. I have three teachers. I like them real well. I have two sisters—one is in high school and one a sophomore in college. When I am thru high school I want to go to Nurses' Training School. I hope some of the girls and boys my age will write to me.
Laberta Lacey.
Sharon Springs, Kan.

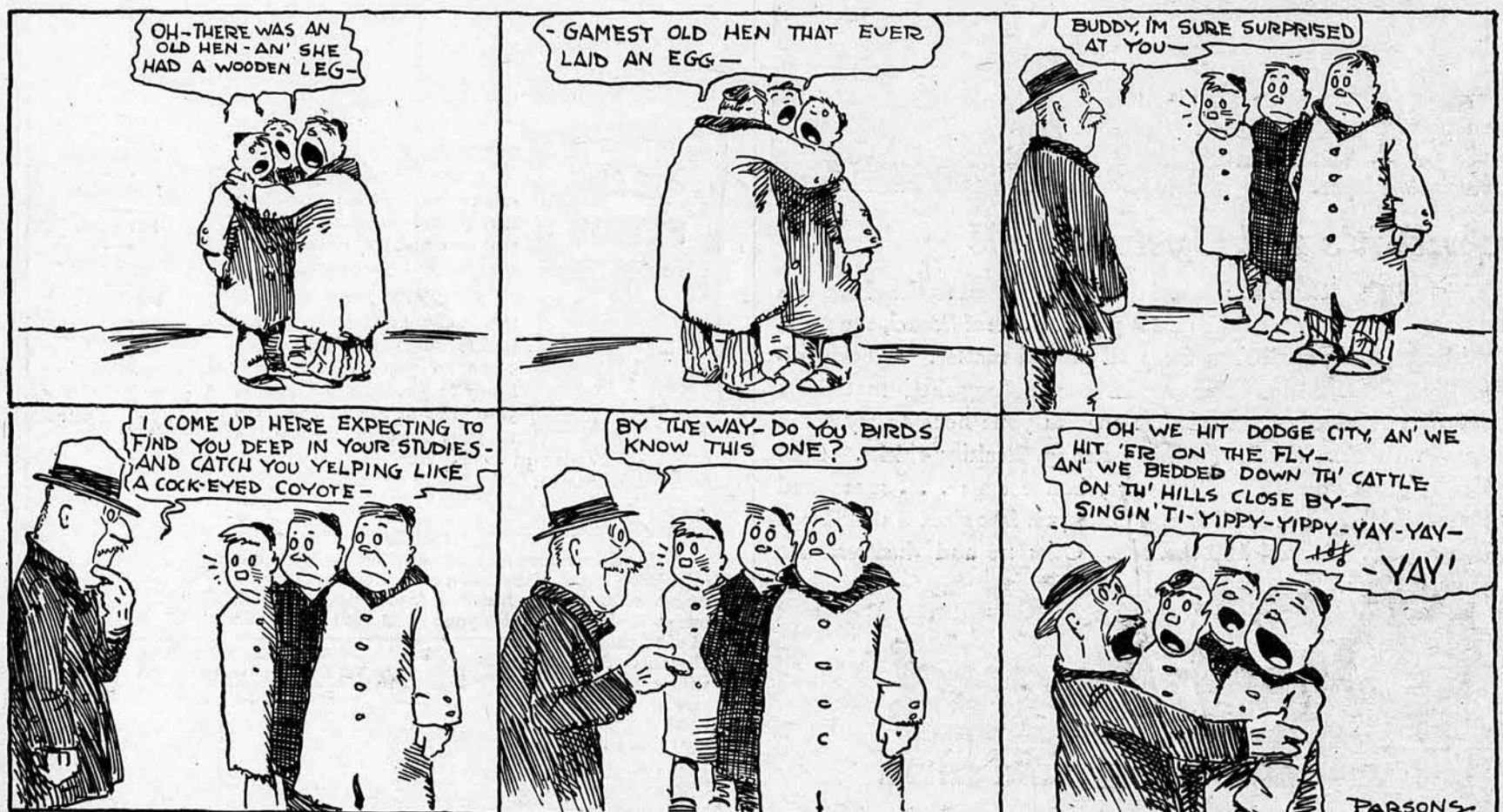
In Holland where people are Dutch
They like to go skating so much,
That rather than ride
Or walk, they just glide
O'er the ice, and their skates hardly
touch.

Margaret Whittemore.



Likes to Embroider

I am 11 years old and will be 12 February 14. Have I a twin? I am attending Sunnydale school. My teacher's name is Mrs. Karlin. I walk to school every morning. My favorite pets are two cats, one dog and a little chicken. I like to embroider. I will be in the seventh grade next Christmas. I am in the sixth grade now. I certainly enjoy the puzzles.
Ellis, Kan. Eleanor Engel.



The Hoovers—Let's Make It a Quartette

"That's the sign of MORE QUALITY for the same money"

"**L**OOK here . . . do you see that—that Red Ball? Well, that's how you tell 'em. More value than ever before—without any boost in the price. And, believe me, that's saying a lot. Dad always wore 'em, and the best was none too good for him."

^ ^ ^ ^

Yes, "that's how you tell 'em". The Red Ball trade-mark has been the farmer's guide for generations in his choice of rubber footwear. And today he's more loyal than ever. He knows the Ball-Band line keeps pace with his changing needs with new and improved footwear year after year.

The great Ball-Band factories prepare many different compounds of live, tough rubber, all devoted to one purpose—the manufacture of lasting footwear. Every item in the line is made up of several compounds, each selected to give greatest service for the job it must do—one for the heel, one for the sole, one for the toe, and so on. That's what gives this built-to-the-foot line the reputation for *more days wear*. Stout linings and fabrics are knit in Ball-Band's own mills at Mishawaka for—and only for—Ball-Band footwear.

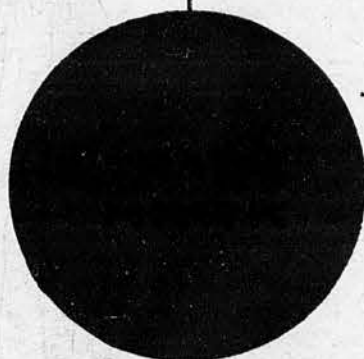
Look for the Red Ball trade-mark on the rubber footwear you buy.



"THE BETTY"—a dainty style with jaunty cuff. Easy to put on and take off because of its simple snap-fastener, adjustable to fit. This styled-to-the-shoe galosh is made in two-tone combinations in wool jersey, "Rayton" and cotton jersey



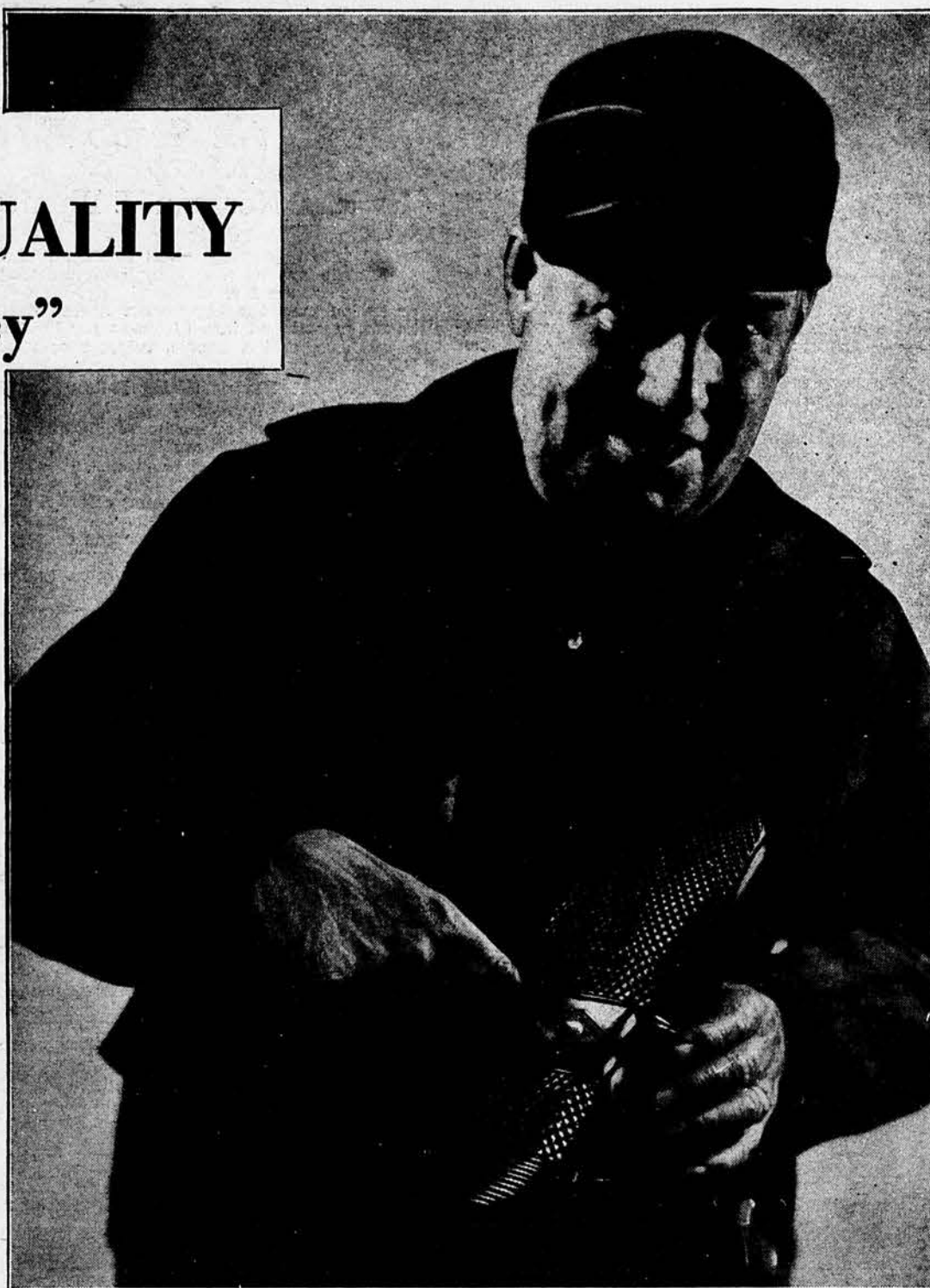
A SMART NOTE in style footwear—the "easy-to-clean" Savoy all-rubber galosh. Combines lightest weight with complete protection. Each Savoy is "styled-to-the-shoe" and fits the foot and ankle as though moulded over them. Comes in a variety of pleasing colors and beautiful patterns



Look for
the
Red Ball

There are 800 styles to choose from, including the famous Mishko-sole leather work shoe. There's a Ball-Band dealer near you (if not, write us). Ask him for Ball-Band by name.

MISHAWAKA RUBBER & WOOLEN MFG. CO.
441 Water Street, Mishawaka, Indiana



SNUG FITTING
CLOTH ARCTICS

Deep snow, bitter cold, need hold no fear for you—if you wear these snug fitting Cloth Arctics. Also made in a 6-Buckle height and in all-rubber styles in various heights



BALL-BAND

Built-to-the-foot

Make Your Homemade Gifts Count

Handicrafts from the Scrap Bag Will Please

THE pleasure of gift-giving is possible for anyone who has some time, a scrap bag and a few dimes. The satisfaction of a homemade gift is three-fold: for the giver there is the thrill of being thrifty, and of having created something; for the recipient the knowledge that it was inspired by loving kindness.

Such inexpensive gifts as those described below permit the pleasure of a lengthy gift list.

Pungent pine pillows, and those filled with aromatic hops are among my favorites. A cover of soft toned green cotton material, made without furbelows, is appropriate for holding an inner, unbleached muslin pillow, filled with pine needles. Such cushions can be made in small sizes. If you don't have hops vines, a large sackful can be purchased for a few cents at the drug store.

Convert your collection of discarded felt hats into modernistic cushion covers! Colorful pieces of felt are cut into vari-sized triangles and applied onto a round cushion top. Stitch the pieces on from the center, fitting them on neatly side by side as you stitch. Work toward the outer edges, until you have a solid surface of felt. The other side can be of any plain, heavy material.

Dainty boudoir pillows in pastel tints were made by a clever-fingered neighbor girl last year. She confessed that she had made them out of old

By Mrs. Norman V. Plummer

friend who has many socks to mend. The ones I've made are of a splashy cretonne material. They are made like clothespin aprons with the exception that the big pocket across the front has been stitched into divisions for holding the holey hose, and a needle, scissors and thimble pocket.

A Flower String Holder

"Where's a piece of string?" will become a long forgotten cry in the household of some fortunate housewife if you'll make her a string pocket. Cut two squares, or circles, about 8 inches wide, from oil cloth. Cut out a 5-petal flower from oilcloth in a harmonizing color. Buttonhole stitch the edges of the petals with yarn. Cut a hole about the size of a pea in the center of the flower. Cut a corresponding sized hole in the center of one of the squares or circles, and fitting the hole in the flower over the other one, buttonhole stitch the two pieces together around the hole. Leaving an opening at the top so a ball of string can be inserted, buttonhole the circles or squares together, finishing the tops separately with the stitch. Sew a bone ring to the top center of the back piece, place a ball of twine in the pocket, pulling the string thru the hole in the flower, and it is ready to be hung up in the kitchen.

A treasured volume in my collection of kitchen literature is an oilcloth covered cook book. The friend who gave it made a slip cover of geranium-red cloth, fitted it over the back of a composition book, and neatly wrote splendid recipes on the pages, illustrating them with pictures clipped from magazines.

Picture books for very small children can be made by stitching oblongs of cambric of the same size together, thru the middle, and pasting pictures of animals or bright scenes on the pages thus formed. The books can be sewed on the machine, and if the edges are pinked they need not be hemmed.

Let Children Make Gifts

Bean bags made from checked gingham with an easy design cross-stitched on them are always welcomed. Shelled corn makes an excellent substitute for beans.

A stocking cat for the baby's gift is fun to make. Discarded hose, preferably white ones, can be seamed together to form the head and shoulders of the cat, and then turned for stuffing. Cotton, or clipped pieces of old goods, will serve for this purpose. A braided strip for the tail, green glass buttons for eyes, pink cotton to embroider nose and mouth, a bright ribbon to tie about the neck and on the tip of the tail, and the cuddle-cat is complete.

May your busy fingers bring you real Christmas joy!

Substantial Supper Dish

BY MRS. ALFRED ULRICH

AT DINNER TIME pare a few more potatoes than you need for dinner. Boil them with the rest. After they are cold, put in ice box or cool place. In the evening put 2 tablespoons butter or 3 slices bacon cut into small pieces and 1 onion, sliced, in a frying pan. When smoking hot, dump 6 medium sized potatoes, sliced thin, into it. Sprinkle with $\frac{1}{2}$ teaspoon salt and $\frac{1}{8}$ teaspoon pepper and fry to a golden brown. Then pour over the potatoes 3 well beaten eggs, season further if necessary, and let simmer until the eggs become firm.

Are You Buying Toys for Yourself?

BY CATHARINE W. MENNINGER

THE rows upon rows of beautiful toys are often a great temptation to adults, when buying children's Christmas toys.

When we buy a gift for Jack or Susan, are we buying something he or she would really like to have? Or do we purchase a toy that we craved as children or one we secretly would like to sit down and play with now?

"Santa Claus is coming soon. What do you want him to bring you?" What joy those words and their fulfillment will bring to boys and girls and, too, what sorrow. Sorrow because the givers used too little thought about the little girl who was to receive that beautiful, big, unbreakable doll, or the 2-year-old boy who was to be presented with an electric train.

Below is a "cross-examination" for the buyer of gifts for small children. It may answer the above questions.

1. Is it suited to the age and developments of the child who is to receive it?
2. Is it educative? Will the child gain skill in the use of his fingers, or exercise for leg and arm muscles? Will it teach him colors, textures,

shapes, weights? Will he gain pleasure from construction, or good experience in using it in the land of make-believe?

3. Is it safe? Are there exposed sharp corners, protruding nails, buttons or pins which can be pulled off and swallowed?

4. Is it durable? One mother made a list of desirable toys and their approximate prices. Various relatives combined their funds and purchased one or two very nice pieces of play equipment. One steel truck will give so much more pleasure than several less expensive toys. It will last thru an entire generation of children.

5. Is it attractive in coloring and design?

6. Save some of the toy budget to spend in the months between Decembers. The child will de-

IT'S MORE than a leaflet really, this new

Christmas help just written by Nell E. Nichols. She has called it Menus for Christmas Dinners and oh, the recipes it contains! Of course she tells about roast turkey and cranberry jelly, but there are other tested recipes in it that almost sound better. For instance, Roast Stuffed Fresh Ham, Baked Apples in Cranberry Jelly and Celery Curls are just a few of the delicacies she suggests for the great feast of the year. You may have this leaflet by sending 2 cents to the Foods Department, Kansas Farmer, Topeka, Kan.

velop much in that time and will need a different type of play material. For after all a child learns thru his play.

Altho commercial toys are very lovely, they are also expensive. Home made trains, blocks, swings, etc., may be made from odds and ends of lumber and rope found on the farm. Mrs. Menninger has prepared a leaflet which gives ways to make attractive toys for your child's Christmas tree. She has also written another that deals with playthings suitable for various aged children. You may have either for 2 cents. Send your requests to Mrs. C. W. Menninger, Kansas Farmer, Topeka, Kansas.

Smocking, Tucks, and Plaits

THE mother who finds her daughters needing new dresses just now will recognize in these two dresses both service and beauty. The little girl's dress, No. 385, has as its main decoration the smocking from the tiny yoke. This provides ample fullness for the youngster to romp and skip in. This dress of a sprigged woolen challis will be most charming. Designed in sizes 2, 4, 6, and 8 years.

No. 403. The growing girl will appreciate this attractive two piece frock with its tailored collar and mannish necktie. The plaits provide plenty of movement and an easily lengthened skirt. This dress can be made up effectively in cottons, wool crepes, jersey or tweed, and in printed silk crepes. Designed in sizes 6, 8, 10, 12, and 14 years.



The patterns pictured on this page can be obtained from the Pattern Department, Kansas Farmer, Topeka, Kan., for 15 cents each.



MARY ANN SAYS: Occasionally we see a picture in real life. The other evening I was privileged to witness a masterpiece. It was a little child, bowing his head and saying a little "thank you" for the food in the gay plate before him. Some moments in life are truly holy ones, and this was one of mine. So often, in the hurry and scurry of life, we forget to say "Thank you." Not only to the Giver of All Things Good, but to those with whom we live and work.

organdy and voile summer dresses. A few yards of lace, dainty sprays of embroidery, a roll of cotton, and the old dresses had been made into almost a dozen shaped, oval and round pillows.

Have you seen the clever flat patchwork square cushions that are made for the seats of bedroom rockers? A pieced block is applied to a larger square, lined, filled with cotton and taped with two bias strings at each of the four corners.

I know a woman who scatters seeds from her flower garden from coast to coast at Christmas time. She puts up neat packets of seeds in tiny envelopes and prints the name on each. She seals the envelopes with holiday stickers and packs a half dozen into a small, flat box. She also saves the petals from her roses, dries them, sprinkles them with salt, and keeps them in a rose jar until holiday time. They are then made up into sachets and given to friends who like dainty things.

Crocheted Table Mats

Round mats that look like tiny old-fashioned rag rugs are useful if placed under bowls of flowers, on polished tabletops, or under flower pots. Cut gay colored pieces of material in 12 inch strips, about an inch wide. Sew the strips together, end to end, and crochet the mats with a large wooden hook. I vary the sizes of mine from tea plate to dinner plate dimensions.

If you have a friend who likes to wear dark wool dresses in the winter, you can be pretty certain that she would appreciate a trim collar and cuff set made from scraps of one of your dainty patterned, tub-fast, print housedresses.

The "darndest" kind of a time will become a pleasant one if you give a darning apron to your



swifter, surer relief 3 ways—in a day!

From now on no more colds to interrupt life and ravage health. At the first sniffle, sneeze or ache take Hill's. It stops cold gently but surely—3 ways at once... 1: Checks fever... 2: Opens bowels, no griping... 3: Tones system, restores energy. Today Hill's is in the medicine cabinet in more than a million homes that don't know what a bad cold is.

Ask any druggist for the red box of

HILL'S CASCARA-QUININE

Mothers, Mix This at Home for a Bad Cough

You'll be pleasantly surprised when you make up this simple home mixture and try it for a distressing cough or chest cold. It takes but a moment to mix and costs little, but it can be depended upon to give quick and lasting relief.

Get 2½ ounces of Pinex from any druggist. Pour this into a pint bottle; then fill it with plain granulated sugar syrup or strained honey. The full pint thus made costs no more than a small bottle of ready-made medicine, yet it is much more effective. It is pure, keeps perfectly and children love its pleasant taste.

This simple remedy has a remarkable three-fold action. It goes right to the seat of the trouble, loosens the germ-laden phlegm, and soothes away the inflammation. Part of the medicine is absorbed into the blood, where it acts directly upon the bronchial tubes and thus helps inwardly to throw off the whole trouble with surprising ease.

Pinex is a highly concentrated compound of genuine Norway Pine, containing the active agent of creosote, in a refined, palatable form, and known as one of the greatest healing agents for severe coughs, chest colds and bronchial troubles.

Do not accept a substitute for Pinex. It is guaranteed to give prompt relief or money refunded.



**Wonderful
Flavor**
is yours with
this improved
Smoke Salt



MORTON'S Figaro Smoke Salt is an improved meat-curing salt. Does the whole job at one time.

Smokes as it cures—an easier, quicker, safer way. Use just like ordinary salt. Ask your dealer for Morton's Smoke Salt. If he cannot supply you, send direct to us. \$1.00 per ten-lb. can, prepaid.

FREE—this illustrated book on meat-curing. Write for it today
MORTON SALT COMPANY
Dept. 27 Chicago, Ill.

Legg's OLD PLANTATION SEASONING



**Makes Sausage
Taste Better**

FOLKS: Listen! Here's the Old Time Country Flavor you have been looking for. Just one whiff will start your mouth to watering... one taste, and you want a second helping, when your sausage is seasoned with Old Plantation Seasoning.

A complete blend of pure spices in flavor-tight bags, ready for use,—nothing to add, very economical. Each bag seasons 10-25-50 or 100 lbs. of sausage. Prove it for yourself. Get it at Grocery or Market.

Send 10c for full size household carton for seasoning 5 pounds of sausage. Also, free book, "Tempting Ways."

Also fine for poultry dressing, meat loaf, roasts, etc.
A.C. Legg Packing Co., Inc.
Dept. C
Birmingham, Ala., U.S.A.



Mats Give Chinese Touch

Black Meets Approval of Interior Decorators This Season for Knickknacks

BESIDES being serviceable a Chinese table mat will give your room that little note of difference and completeness which it may need. Interior decorators no longer advocate the use of white table covers and they also agree that any room can use a bit of black. Thus the woman who chooses these black satin mats, not sateen, for her tables will have their double approval. These mats will work in nicely on end tables, as telephone shields, and as centerpieces.

The design in the mats pictured above is of Chinese origin and is brought out most effectively with rope silk in silver-gray, gold, a bit of rust-red, and brilliant turquoise blue.



You may order replicas of the satin table mats pictured above from the Fancywork Department, Kansas Farmer, Topeka, Kan. No. 566 is round, 11 inches in diameter, while No. 567 is shaped for the end table and is about 8 by 13 inches outside. Each of these two patterns includes the stamped satin, a color chart for working and full instructions for making. Sufficient thread is also sent in all colors. All this material for either mat is sent for \$1.10. If you wish only the transfer design, the wax transfer will be sent for 20 cents.

The Supervised Luncheon

BY HILDA RICHMOND

A PLAN that is being tried in many country schools and is working well is to keep the children in school session until after they have eaten the noon luncheon. Whether a hot lunch is used, prepared by teacher and pupils, or the cold one from home, the children are supervised until it is finished. By arrangements with teacher, school board and parents, 20 minutes are allowed for the meal, and after that a full hour for play or recreation. The children may as well eat slowly, as they are not at liberty until that time is ended. They must eat quietly, not roam about the room and be tidy and orderly. It is the haste to get to the playground that makes the lunch under the old plan a hastily gobbled affair. By the new method everything is eaten decently and the baskets put away before the bell taps.

Beads on Gloves

GLOVES are no longer severely plain but are becoming more ornate every day. Succeeding the fashion of embroidered gloves we now have beaded gloves for evening wear. Black gloves are worn with white and colored evening dresses and bright reds, blues, greens and other colors appear as colors in the gloves worn with black dresses. The beads

are in rhinestones, tiny pearls, or in imitation turquoises, emeralds, rubies and simulations of other stones made of pyralin.

Toddler's Habits Change

BY MARIE F. KITTELL

REGULARITY in a baby's daily routine is important but as he grows older, changes and adjustments are necessary. When he begins to toddle around he may refuse to take his two naps daily. When one has arranged a schedule to comply with his early habits there will be general confusion until a new order can be established.

Why not dress him as soon as he awakens in the morning, letting him play while you are about your duties? Then at about 11 o'clock bathe him, put on his nightie, give him his lunch and put him to bed. By that time he will be tired enough from his exertions to sleep two or three hours. He can have another play time after his nap, be ready for an early evening meal and go to bed before the family dinner hour. That means a peaceful meal and quiet evening for the family.

Permitting a child to go untrained means the forming of habits which will be hard to unmake tho not impossible. Be patient with him. There may be many a slip backward but every step forward makes a firmer impression. A new habit is more easily formed if it is made a pleasant duty. And he soon learns that the little duties you have him perform are for his own good.

Another habit that needs changing and that bespeaks neglect in a mother is to see a baby old enough to walk still getting his nourishment from a bottle. It is so easy just to let a habit formed early run along far past its time. Begin by giving an ounce or two in a cup every day. If a small cup so much the better for then he can grasp it with both hands as he does his bottle. Encourage him to take all of the small amounts, then gradually increase them. A little praise helps for when he thinks he is doing something wonderful in emptying his cup he will soon be disregarding his bottle entirely.

Naturally, every mother must work out her own schedule according to her family and her duties. That is her particular "business." Patience, and regularity and adjustments to meet the needs of the developing child are the essentials.

Women's Service Corner

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

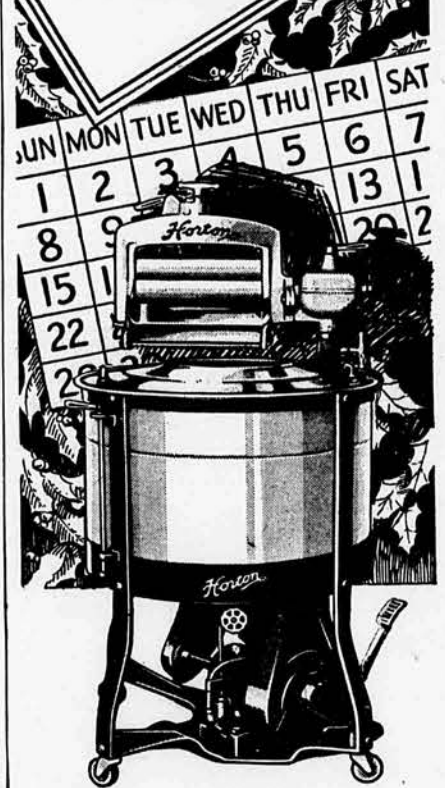
Careful Washing of Real Lace

I have a piece of valuable real lace and should like to know of a way to launder it without injuring it. Adelaide.

To wash the lace fold and fasten it together with a few stitches and then sew in an old linen bag and put in a bottle of pure olive oil to soak for 24 hours. Then boil 15 minutes in soft water soapsuds; rinse until water is clear and immerse in thin and slightly blue starch water; press between the hands and press with a hot iron. Too frequent washing rots real lace, which effect the oil bath counteracts. They may be redressed with a dilute solution of gum tragacanth or gelatine.



Christmas every week

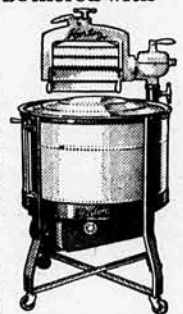


NOT ONCE only, but every week when wash-day arrives, you'll find joy in your Horton Perfect 36—the machine that really washes farm clothes clean. You'll thank the good judgment which dictated so sensible a gift, lightening labor and carrying Christmas cheer throughout the year.

The gleaming colorful beauty of the Perfect 36 will delight you. You have a choice of copper or porcelain tub, in several color combinations. And you'll come to depend on your Horton as on an old friend. Its mechanism is so perfectly made and thoroughly tested that we seal it at the factory. You'll never be bothered with the need for tinkering repairs.

Call the Horton dealer now and let him prove Horton superiority with your next washing. Here is a Christmas gift you can test in advance, without obligation.

Free Book, "Modern Home Laundering," full of helpful hints that make the farm wash-day easier. Send the coupon for your copy, and details of the Perfect 36.



The Perfect 36 may be had with a dependable four-cycle gasoline engine, as pictured at the top, or with electric motor, as shown here. Also power pulley type.

**Exclusive Kansas
Distributors**

A. J. HARWI HARDWARE CO.
Atchison, Kansas

HORTON

A GOOD NAME FOR 58 YEARS

HORTON MANUFACTURING CO.
1237 Fry St., Fort Wayne, Ind.
Gentlemen: Please send copy of "Modern Home Laundering," and literature telling why the Perfect 36 is superior.

Name.....
St. or R.F.D.....
City.....
State.....
Dealer.....

Turns loss into Profit with Hatchery Chicks

—that's what John Lengyel did—and his experience was worth a \$25 Prize.

"RECORDS prove that Hatchery Chicks bring sure profits," says John Lengyel, of Michigan. And he knows. For he kept a record of 150 of his home-hatched chicks, together with a record of 150 Hatchery Chicks. And here's what these records show:

At the end of 13 weeks his home-hatched chicks showed a loss of \$32.30. The same number of Hatchery Chicks during the same period showed a profit of \$163.20.

Makes Profit of \$4 on Every Hen

Do Hatchery Chicks pay? "Yes," say thousands and thousands of farmers and poultry raisers. Mrs. Erma Martin, of Oklahoma, is one of them. She says, "I made a profit of nearly \$4 on every hen raised from Hatchery Chicks."

Send for FREE Book

We want to tell you all the reasons why. We want to show you how easily you can make your poultry an important source of income. All these important facts—and many more—are given in our Book, "How to Succeed with Poultry." We want to send this Book to you. It gives you the names and addresses of hatcheries who will help you get started with Hatchery Chicks. Simply fill out and mail the coupon. But do it NOW.

NATIONAL CAMPAIGN HEADQUARTERS
269 Third National Bldg. Dayton, Ohio

Let This Slogan Be Your Guide

FOR GREATER PROFITS Hatchery Chicks

Hatcheries that use this slogan are absolutely reliable, can be depended upon to deliver exactly the quality and breed of chicks you order, and will guarantee you a square deal. Patronize the hatcheries that display this slogan.

National Campaign Headquarters,
269 Third National Bldg., Dayton, Ohio.
Send me your FREE Book, "How to Succeed with Poultry."

Name
P. O.
R.F.D. State

INDIAN LANDS

Thousands of acres on the Cheyenne and Pine Ridge Indian Reservations in South Dakota can be bought at low prices on favorable terms of payment. Sales are held frequently by the U. S. Government Superintendent in charge of these Reservations. Lists of the lands offered, with minimum prices thereon, are available. These lands are suitable either for agriculture or for grazing. Wheat, corn, other grains, alfalfa, sweet clover, small fruits and vegetables are successfully grown. Many tracts are available for leasing.

STATE LANDS

The Rural Credits Board of South Dakota offers for sale improved and unimproved lands in many parts of that state. Prices and terms of purchase are favorable to the buyer.

These INDIAN and STATE lands offer splendid locations to men desiring well located, practical and profitable farm or ranch homes, as well as opportunity for safe and sound investment with likely increases in values within a reasonable time.

Write for full information regarding these lands, the localities in which they are situated and how to acquire them. Tell me what you want. Ask questions—prompt and accurate answers. Homeseekers' fares. R. W. Reynolds, Commissioner, The Milwaukee Road, 928-J Union Station, Chicago.

Get Larger Litters and Stronger Pigs

Successful hog raising depends, to a large degree, on the condition of your brood sows, for thrifty, healthy sows mean larger litters and stronger pigs. Help your sows get in the best condition possible so as to avoid losses caused by disease germs and worm infestation.

Not a Runt in the Herd

Common sense tells you to keep brood sows healthy. Thousands of hog raisers have found the Improved 3rd Degree System helps them make more money. S. H. Trovillo of Nebraska, writes: "By feeding 3rd Degree we have discovered that it increases litters. Out of 17 gilts and 5 tried sows, we have 204 pigs farrowed, and not a runt in the herd."

3RD DEGREE SYSTEM is easiest, most effective and most economical method of increasing the vigor and vitality of your sows. Send for this Free Book. This free 50-page book tells you how to raise 250 pound hogs in six months. At the same time we will also send you complete information about 3rd Degree, the original and genuine 3-purpose liquid for hogs. **DEGREES VETERINARY** Dept. E-33 Omaha, Neb.

FREE

A complete manual for the hog raiser which you ought to read.



G. E. FERRIS
MANAGER

Protective Service



Membership in the Protective Service is confined to Kansas Farmer subscribers receiving mail on a Kansas rural route. Free service is given to members consisting of adjustment of claims and advice on legal, marketing, insurance and investment questions, and protection against swindlers and thieves. If you keep your subscription paid and a Protective Service sign posted, the Protective Service will pay a reward for the capture and 30 days' conviction of the thief stealing from the premises of the posted farm. Write for reward payment booklet.

Two Hundred Dollars in Rewards Paid for Seven Thieves in Four Counties

RECENT rewards paid by the Kansas Farmer Protective Service include rewards paid for the capture and conviction of thieves who stole from protected farms in Rooks, Linn, Ellsworth and Montgomery counties. The \$200 reward money paid in these four cases represents the sentencing of seven thieves, all to state penal institutions.

Not all thieves who steal from Kansas Farmer Protective Service members are caught in Kansas and by the same token not all rewards paid for the capture and conviction of thieves who steal from farms posted with the Protective Service sign are paid in Kansas. J. W. Strain and John Bell of the Oklahoma City police force were responsible for arresting W. H. Fulligin and Guy Fulligin. The Fulligin Brothers had in their possession two sets of harness which they explained to the officers that they had bought in Rooks county, Kansas.

Doubting their story, the Oklahoma authorities telegraphed to Sheriff A. C. Gillilan at Stockton to whom Protective Service Member J. E. Garvin had reported his theft. Followed the return of the two thieves to Rooks county where in the district court they were both sentenced to the state penitentiary not to exceed five years. Because Mr. Garvin notified his sheriff promptly upon learning of the theft of his harness, Sheriff Gillilan was able to inform the police officers at Oklahoma City that the men they were holding were harness thieves. Consequently, Mr. Garvin and the two police officers shared in the \$50 Protective Service reward.

Sheriff Roy Dalton and County Attorney William V. Crosswhite of Mound City and C. A. Miller, Floyd Dalton and Lee Calvin of near La Cygne shared in the \$50 Protective Service reward paid for the capture and conviction of Fred Miller and Carl Rhiard. These two men were found guilty of stealing wool from C. A. Miller's farm where there is posted a Protective Service sign. Miller, who is the younger, is serving a sentence in the industrial reformatory and Rhiard last September was sentenced not to exceed five years in the Lansing institution.

Carl Mason and L. Davis were each sentenced 1 to 5 years in the state penitentiary by District Judge Dallas Grover of Ellsworth county after they confessed to stealing building material and other property from the protected farm belonging to Mrs. R. S. Weinhold of near Ellsworth. Information provided to Sheriff A. Burmeister by Everett Weinhold and Ray Weinhold led to the apprehension of the two convicted men and to the recovery of the stolen property.

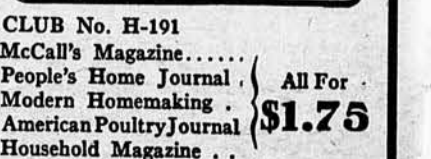
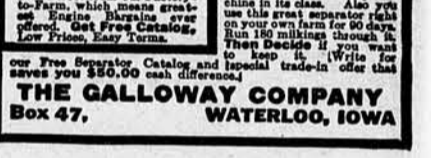
The fourth of these \$50 rewards was shared equally by H. H. Shaw and Deputy Sheriff Harry Neal of Coffeyville. When Mr. Shaw saw an old Ford automobile go east thru Coffeyville, bearing a Missouri license and loaded with a crate of chickens, he reported his suspicions to the deputy sheriff. The chase and investigation which followed led to a sentence of not to exceed five years at Lansing for D. O. Gilliland who was found guilty of stealing chickens from Protective Service Member R. B. Stewart in Sumner county.

New Sign Warns Thieves of Reward



FORCEFUL new reward signs have been adopted by the Kansas Farmer Protective Service. A reward warning ranging from \$75, \$50 or \$25 stares at the thief who would steal from the premises of a Protective Service member who has posted this new sign. The rules of the Kansas Farmer Protective Service specify that before any reward can be offered the theft must have occurred from the farm premises where the Protective Service sign is posted at the farm entrance—the words, "This Farm Protected," appear on the new sign. Protective Service members, membership is explained at the top of these columns, may obtain from the Kansas Farmer Protective Service, Topeka, Kan., for 10 cents each, as many of the new Protective Service signs as they need to post at the highway entrance of pastures or other farms owned but separated from the homestead. The reward schedule for the payment of Protective Service rewards is: \$50 reward if thief is sentenced to the Kansas Penitentiary, including the industrial farm for women, or to the Kansas Industrial Reformatory; \$25 reward if thief is sentenced to jail or to the state boys' or girls' industrial school, and \$25 extra reward if poultry marked with Kansas Farmer's Poultry Marker causes capture and conviction of the thief.

GALLOWAYS



Sunday School Lesson

by the Rev. N. A. McCune

THERE are many difficulties in the way of practicing the Golden Rule today. Many people say in so many words that it will not work. "Business is business." On the other hand others are deliberately working it out, fitting it to their particular field of industry. It is interesting to note that not a few of these Golden Ruleers are not professing Christians at all. In many cases—alho happily not all—those who object to the workability of the Golden Rule in the world of today are members of the church. It is a strangely contradictory age, isn't it? This illustrates what Sundar Singh says in his book, "With and Without Christ." He says there are non-Christians who have Christ, there are Christians who are without Christ, there are non-Christians who are without Christ, as well as Christians who have Christ.

Men like Arthur Nash have tried to build the Golden Rule into industry, and have succeeded amazingly well. That flaws can be picked in the Nash plan, I believe, but as it was worked it was miles ahead of the ordinary relations of employer and employe. Had he lived, he might have perfected his plan further. Then, there was John J. Egan of Atlanta. Unhappily he also has died. Egan's vision of what he ought to do with his great iron works was the vision of a distinctly religious man. For that matter, Nash also was a religious man. Egan succeeded in his plan admirably. A new spirit pervaded his huge plant with its hundreds of employes, so that the new attitude toward work was felt down to the last colored mule-driver.

It seems that the Golden Rule is workable, if men think so. But it does require thought and much planning. In the case of men like Nash and Egan one might add that it also re-

quires prayer. Some others have worked it out fairly successfully who had no religious motives whatever, but looked on it as a good way of doing business and of avoiding friction between those who employ, and those who are employed.

Some declare that this age is so organized that it is the Golden Rule or nothing; that if the idea of good will and all-around justice is not put into practice organized business and industry cannot survive. However this may be, it is certain that when the implication of the Golden Rule is studied and attempted, things do improve wonderfully. At least that has been the experience of many. I believe some failures have followed the attempt to put the idea into effect. Perhaps it was thought that some magical change would follow immediately upon the heels of the new order of things, before they were given time to be worked out.

It is stated with much positiveness on both sides that modern industry is harder on employes and more monotonous, than the old method of industry. I say both sides, because others declare that industrial work is less wearing today, less monotonous and less life-shortening than formerly. For instance, the life of the Chinese rickshaw man is very short, we are told, on account of trouble with his heart. In the older iron works and blast furnaces we are told that the workmen did not continue much past the forties, if that long, because of the heavy lifting they were required to do, while today all that is done by the electric crane, or by other labor-easing machinery. There are two sides to every question, and this one seems to be no exception.

But this much does not admit, I think, of much argument, namely,

that the whole world of industry is so organized now that the most of it is done at long range. The distance is greater in the big corporations between the employe and the employer than it ever was in the past. Hence it is easier for misunderstandings to take place, for suspicion to grow, and ill-will to mature. Anything that will make the relations of those who toil more clearly understood by those who are the head of these great concerns will be of immense help.

Now, it is claimed by many that the church has done little to help in all this. That the church has been much at fault there can be no question. At the same time, there always have been leaders and pioneers in the church who thought ahead of their time, and attempted to arouse the church to action. Their urgings have not been in vain. Today probably no institution is more alive to the implications of the great social questions that face us than the church. Many a young preacher today makes his congregation uneasy by his insistence on social justice. We can continue this at some other time. It is a throbbing question.

Lesson for Dec. 15—"The Golden Rule Today." Ex. 1:8-14; Amos 5:6-15; Matt. 20:1-16.
Golden Text—Luke 6:31.

The Cover This Week

"Judge" whose picture adorns the cover of this issue is a purebred German Police dog owned by S. H. Hale, president of the Gleaner Combine Corporation, Independence, Mo. He is recognized as being one of the outstanding dogs of the Country Club district of Kansas City, and is quite a pet in the Hale family.

Tells of Butter Making

Making Butter on the Farm, Farmers' Bulletin No. 876, may be obtained free from the Department of Agriculture, Washington, D. C.

Illustrated Self-Pronouncing Bible—An Ideal Gift

SUITABLE FOR YOUNG AND OLD

INDEXED for convenience, round corners, gilt edges, with beautiful, durable French morocco binding, and a gift plate in the front.

This Bible is of double value to young people because of the aids to Bible study: the indexed parables, tables of weights and measures, the Jewish calendar and value of money used in Bible times. It also aids study by asking and answering hundreds of questions on the Old and New Testament. Profusely illustrated with full page pictures in colors and numerous maps. Full flexible binding in genuine French morocco. Prepaid for only \$3.50. Address Capper Book Service, Topeka, Kansas.

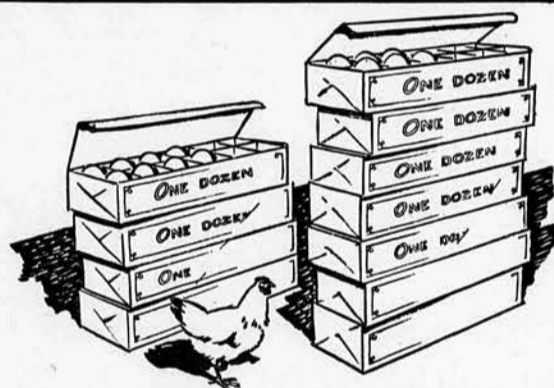
For the Poultrymen

Diseases of Poultry, Farmers' Bulletin No. 1,337-F; Poultry Houses and Fixtures, Farmers' Bulletin No. 1,554-F; and Incubating and Brooding Chicks, Farmers' Bulletin No. 1,538-F, may be obtained free from the Department of Agriculture, Washington, D. C.

Some Sorghum Tests

Spacing and Date-of-Seeding Experiments With Grain Sorghums, Technical Bulletin No. 131, just issued, which tells of results at the Hays and Garden City stations, may be obtained from the Department of Agriculture, Washington, D. C.

So far the Farm Board has made no advances to relieve the sowers of wild oats.



Due to modern poultry practices, the famous Vineland Egg-Laying Contest has produced an increased lay of 34 eggs per bird per winter during the past 4 years. During this time CEL-O-GLASS has been standard equipment.

Sun-health in mid-winter—more eggs with CEL-O-GLASS

CEL-O-GLASS helps your poultry to lay more eggs because it makes the winter sun work for you at the very time when egg prices are highest. It brings to shut-in poultry the healthful ultra-violet rays, the natural source of Vitamin D. And it is Vitamin D that makes the birds properly assimilate lime and phosphorus—the bone-building, shell-making materials.

These healthful rays kill germs, check disease, prevent rickets and hasten growth. They cannot penetrate ordinary glass or muslin or other quickly-soiling cloth curtains. Poultry men everywhere are boosting egg profits with CEL-O-GLASS.

Besides CEL-O-GLASS is weather-tight. It eliminates draughts and keeps poultry houses warmer and dryer.

CEL-O-GLASS is a durable, translucent material made by coating tough wire mesh with a substance admitting a flood of ultra-violet rays, when you need them most—in winter. Properly installed CEL-O-GLASS lasts for years. The Vineland Egg-Laying Contest is still using the CEL-O-GLASS installed four years ago. For longest life install it on frames in a vertical position for proper protection from summer exposure.

CEL-O-GLASS is not only valuable in the care of poultry, but also for preventing stiff legs in swine; for bringing disinfecting sunlight into dairy barns; as a light, warm, back-porch enclosure; for cold frames, etc. The full story is told in our free 64-page book, "Health on the Farm". Write for it. Also, if you are building, send for our free blueprints of authorized Experiment Station poultry and hog-houses—see coupon. Your hardware, lumber, seed or feed dealer probably carries CEL-O-GLASS. If not, please write Acetol Products, Inc., 21 Spruce Street, N. Y. C.

REG. U.S. PAT. OFF.
CEL-O-GLASS
U.S. PATENT 1,580,287

Look for the name on the salvage

© 1929, Acetol Products, Inc.

- ☐ Laying House
- ☐ Brooder House
- ☐ Hog House
- ☐ Cold Frames
- ☐ Back Porches

Acetol Products, Inc., Dept. 1512
21 Spruce Street, New York City
Gentlemen: Please send me your free book, "Health on the Farm". Also send free the blueprint (s) checked:
Name.....
Address R. F. D.....
Town..... State.....



"Faster hog gains"



"My hogs get a regular MoorMan Hog Mineral ration," says Abe Burton, Jr., of McFall, Mo. "I find that it pays big dividends. Hogs show much faster gains, a finer finish and go to market sooner. No wonder I'm 100% for MoorMan's Hog Minerals."

MoorMan's Hog Minerals helps cut hog costs

Feed MoorMan's Hog Minerals and you will save feed, get faster gains, farrow stronger litters, help prevent disease. There are eight MoorMan Mineral Feeds—for livestock and poultry. Talk it over with your local MoorMan Man when he calls.

Moorman Mfg. Co., Quincy, Ill.

MoorMan's

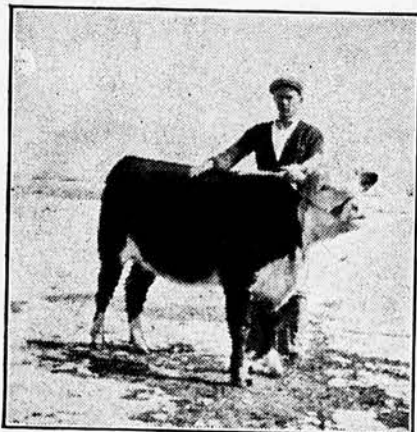
Largest Makers of Mineral Feeds in the World

Club Started Elmer Right

The Williamses With Their Usual Energy Will Be With Us Again 100 Per Cent

BY J. M. PARKS
Manager, The Capper Clubs

EVERY day we make decisions. This is true of young folks as well as of older persons. There are two things about deciding a question that make it important. In the first place, one cannot develop strong character unless one makes one's own decisions. Just the act of choosing



Meet Elmer Thielenhaus of Rush County and His Hereford Calf, Goldie, Winner of Second Prize in the Beef Calf Department of The Capper Clubs

this and leaving that today prepares one to meet the crisis more firmly tomorrow.

In the second place, one little decision, or what seems to be a little one, may change the whole future life of the person who makes it. The life occupation of many a boy has been determined the day he decided to take up club work. Imagine a boy growing up on a farm stocked with scrub animals. On every side he sees a lack of prosperity; he has nothing to encourage him to choose the occupation pursued by his father. Already he is looking about for something with greater promise.

Then one day a friend tells him of the pleasure and profit to be derived from caring for a purebred pig, calf, or pen of chickens. He realizes for the first time that the raising of high-grade stock may be made quite interesting. And, what is more important, he learns that foresight, good judgment, and carefully acquired skill are rewarded more highly in this occupation than in almost any other he might choose.

His whole outlook on life has been changed. The boy becomes eager to get into possession of his first project. Within a year or two he has discovered that the farther he goes on his new trail, the more glowing the possibilities become.

Every so often letters come to the club manager from boys or girls who

take much pleasure in telling of the time when they came to the forks of the road and chose the path leading to the high ground of pleasure and profit rather than to the valley of drudgery. To give one example, we quote the following story written by Elmer Thielenhaus of Rush county, who won second prize in the beef calf department in the Capper Clubs this year.

"In reviewing the club work for the year 1929, it is fitting to state that it was a great pleasure not only to work with the project in hand, but also to have the privilege of associating with so splendid a company of boys and girls in our county as well as the state at large. I am sure we should all feel grateful to our friend and well-wisher, Senator Arthur Capper, founder of the Capper Clubs, and to the club manager, J. M. Parks, who sees that the various privileges are extended to all members.

"Since my project was a registered Hereford heifer calf, Goldie by name, the pick of a large herd and granddaughter of the great Domino bull, I naturally gave my undivided attention to her care.

"The greatest thrill came when I won first prize, \$7 in cash and a ribbon, at the Rush county fair, but that was outdone when I got also a sweepstakes ribbon with an additional \$10 a little later. Then I decided to take her to the Barton county fair also, and behold, I won the same in



Mrs. Frank Williams of Marshall County, Breeder of Anconas, Won All of These Ribbons in 1929, and, in Addition, She Accumulated The Capper Clubs Mother's Cup and K. S. A. C. Baby Chick Cup

ribbons and honor but only \$6 in money. Of course I feel well satisfied and repaid for my efforts.

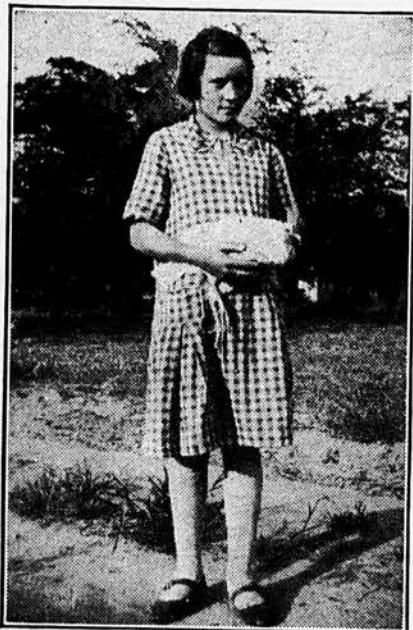
"After all, the main thing with a project is to do the very best you possibly can, regardless of winning premiums. One must be willing to learn and must attend strictly to business. The boy or girl who follows this formula is bound to make a success, whatever the project may be. Victory may not follow at once, but it is sure to come sooner or later.

"In conclusion, I wish to say that the Capper Clubs were the means of starting me in the Hereford business early in life. I shall remember the Capper Publications when I have stock for sale in later years." Elmer Thielenhaus, Rush county.

In the next few months, you will decide whether you are going to take up club work for next year. Or, if you already have made the decision, you will have friends who are undecided. Take every opportunity to tell those with whom you associate, the advantages that boys and girls derive from beginning a high-class business of their own.

In another week or so, we are going to begin an intensive campaign for club membership. Already applications are coming in right along, even tho we have not called for them.

(Continued on Page 22)



Florence Brown of Reno County, Made a Fine Capper Clubs Record With Her White Rocks



DeLuxe Service
Fast Time

to

California

THE

Golden State Limited

Quickest "No Extra Fare" Train

to

Phoenix, Los Angeles, and San Diego

| | |
|--------------------|--------------|
| Leave Topeka | 11:30 a. m. |
| Arrive Phoenix | 9:50 p. m.† |
| Arrive Los Angeles | 9:30 a. m.* |
| Arrive San Diego | 10:30 a. m.* |

* Second Day † Tomorrow

For details of Service, Reservations and Tickets
Inquire at Ticket Office 101 Kansas Ave.
Phone 6551 or mail the coupon.

ROCK ISLAND

C. Lowe, City Pass. and Ticket Agent,
101 Kansas Ave.,
Topeka, Kan.

I am planning a trip to _____
Please quote fares and give details of service.

Name _____

Address _____



HIDES - FURS

| | | |
|----------------------------------|------------------|-------|
| Salt Cured Hides (under 45 lbs.) | No. 1 | No. 2 |
| | 11c | 10c |
| Horse Hides (45 lbs. and up) | 8c | 8c |
| No. 1 | \$2.50 to \$3.00 | |
| No. 2 | \$2.00 to \$3.00 | |

Always in the market. Other grades at full market value.
Write for fur prices and shipping tags. Payments promptly.
126 North Kansas
TOPEKA, KANSAS
T. J. BROWN

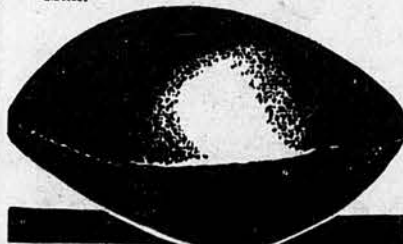
Farm Women prefer Standard Briquets

A Blended Anthracite

For modern heating satisfaction and true economy there is no fuel that can take the place of Standard Briquets—this blended anthracite is 100% more efficient than soft coal. It burns with a clean blue blaze and will not coke and run together in the fire. Equally efficient for furnaces, Arcolas, Heat-rolas, Baseburners, stoves and fireplaces. Order now from the Standard Briquet dealer in your community. He is your leading coal merchant.

TUNE IN

on WIBW, Topeka every evening at 6 P. M. for official weather forecast by the Standard Weather Man.



BIGGER 1930 POULTRY PROFITS

With Des Moines Brooder House



Greatest brooder house of all. Saves every chick. Over 20,000 now in use. Warm, dry, well-ventilated. Vio-Ray windows. Creosoted, vermin proof. Double floor. Movable, sectional. Three sizes, very low prices. Satisfaction guaranteed. See your dealer or write for free circular. Des Moines Sile & Mfg. Co. (The Hargrove Co.), 462 New York Ave., Des Moines, Ia.

MAKES SAWING EASIER



A hard job made easy. Our folding table and All-Steel frame takes the labor out of wood sawing. Hundreds of satisfied users say the SULLER All-Steel Saw Frame is the best. Made for front end of leading tractors, also four stationary sizes. Low prices on All-Steel saw blades. Special discount allowed where we have no dealer. Write for FREE Catalog.

SULLER COUPLER CO., Dept. A Hillsboro, Kansas

Ground Limestone

For Agricultural Purposes

Write for prices and FREE sample

DOLESE BROS. COMPANY

220 W. 2nd St., Wichita, Kansas.
Plant: El Dorado, Kansas.



Hundred Hunting Hounds

Cheap. Fur Finders. Money Makers. Dog Feed. Remedies. Collars. Hunting, Fishing, Camping Equipment. Agents Wanted. Catalog. KASKASKIA, M150, Herrick, Ill.

Do You Know That—

you have not read all the paper until you have looked over all the classified advertisements?

SPECIALISTS in Attractive Farm Letterheads

Write for Samples
Capper Engraving
Artists, Engravers
Dept. M
TOPEKA WICHITA

Farm Crops and Markets

Everything Seems to Be Favorable for Wheat, Livestock and Farm Work in General

COLD weather and snow over Kansas must be charged up with some lost progress in corn husking and handling the sorghum crops, but conditions have changed so this work is going along nicely at present. Corn husking is from a third to one-half done. Some of the older residents agree that we have seen colder weather for this time of season than has been experienced in Kansas for many years.

Wheat still is in good condition and there is plenty of moisture to carry thru until spring. Apparently there is an abundance of feed in most sections. Where it is short the situation has been relieved by wheat pasture again being available. Livestock is doing well over the state. There are very few farm sales.

Atchison—We have had very little snow so far, but the ground is well frozen. Everyone has been husking corn as much as possible, with such changeable weather. Cream, 35c; eggs, 44c to 48c; corn, 70c; hens, 17c. Rather severe weather cut egg production.—Mrs. A. Lange.

Barton—We have had more moisture than necessary and some nice warm weather would be appreciated. Wheat, \$1.10; corn, 75c; butterfat, 35c; eggs, 35c.—Alice Everett.

Edwards—We are getting some good weather now and farmers are able to husk their corn. Livestock again has been grazing the wheat fields. Only a few farm sales are being held with prices rather low. Wheat, \$1.15; corn, 75c; barley, 50c; butterfat, 35c; eggs, 35c; hens, 10c to 16c.—W. E. Fravel.

Ellis—We still are having considerable cold, windy weather. However, the snow disappeared quickly and corn husking is in full progress again. Wheat fields are available for pasturing livestock. A great deal of wheat is going to market. I am sure we have enough moisture now to carry us thru until next spring, in fact this has been the wettest fall we have had for many years. Apparently the hens are on a strike as very few eggs are going to market. Wheat, \$1.10; corn, 75c; butterfat, 35c; eggs, 45c.—C. F. Erbert.

Finney—Recently the weather has been rather changeable with considerable snow, which has made it difficult for farmers to husk their corn. However, this job has progressed nicely and is more than a third done. Some farmers have found it necessary to buy feed for cattle because of a lack of wheat pasture. Corn, 75c to 80c; wheat, 96c; kafir, \$1.10 cwt.; hens, 16c; turkeys, 18c; butterfat, 35c; eggs, 35c.—Dan A. Onnes.

Franklin—We have had a little snow and several days of cold weather. Corn husking is making good progress and most farmers have hauled in a good supply of firewood. Ottawa has a big market sale every Saturday now, which has proved a good thing. Corn, 70c.—Elias Blankenbeker.

Graham—We have had some cold, disagreeable weather, but corn husking is making good progress again and wheat is providing plenty of pasture. Farm help seems to be plentiful. Wheat, \$1.05; ear corn, 55c; cream, 35c; eggs, 34c; hogs, \$8.25.—C. F. Welty.

Jefferson—Corn husking is progressing nicely. There is practically no old corn or wheat on hand. Cold weather has arrived but no snow. Wheat is going into winter in excellent condition. Very few farm sales are being held. Most cattle are in good condition owing to fine fall pasture.—J. J. Blevins.

Johnson—After two experiences with the mercury at 8 degrees above zero the weather turned clear and pleasant. Farmers are busy with corn and kafir, sawing wood and butchering. There has been an unusual amount of

ice in the river for this time of the season. Bran, \$1.50; shorts, \$1.75; corn chop, \$1.85; ground barley, \$1.55; cottonseed meal, \$2.90; eggs, 45c; hens, 18c.—Bertha Bell Whitelaw.

Labette—We have had some real winter weather the last two weeks. Wheat looks to be in good condition. There is sufficient moisture in the soil but many ponds still are dry. Corn husking is practically over. Sales are few now with prices very high. Wheat, \$1.05; corn, 90c; oats, 60c; eggs, 46c; butterfat, 34c.—J. N. McLane.

Lane—We have had some snow in sight for a month. Feed is scarce. A good many cattle that were shipped in to pasture on the wheat had to be moved on account of soft, wet fields. There is very little activity at local elevators.—A. R. Bentley.

Miami—Corn husking has been hindered somewhat by snow. This year's corn crop will be short. Eggs, 39c; butterfat, 39c.—Bertha Bennett.

Mitchell—We have had considerable cold weather lately. Farmers have made good progress husking corn. The wheat is in very fine condition.—Albert Robinson.

Ness—We are having plenty of snow this winter as about 8 inches already have fallen. Wheat prospects are the best in recent years. Livestock is doing very well.—James McHill.

Rice—This county has experienced plenty of cold, stormy weather for this time of year. Wheat seems to be standing the weather in fine condition. Corn husking and butchering are the important jobs at present. No farm sales are being held and very little real estate is changing hands. The report of County Agent W. H. von Trebra shows increased activity in Farm Bureau work in this county. Wheat, \$1.11; eggs, 40c; hens, 15c; butterfat, 34c.—Mrs. E. J. Killian.

Rush—We have had very cold, wet weather recently which has hindered corn husking and kafir threshing. Livestock is doing well and feed is abundant. Wheat, \$1.10; eggs, 40c; butterfat, 34c.—Wm. Crottinger.

Trego—We have been experiencing some real winter weather which is hard on the livestock. Some wheat is going to market. Not much corn has been husked, but the yield will be light. Wheat, \$1.06; butterfat, 35c; eggs, 35c.—Chas. N. Duncan.

Wallace—We still are having considerable snow which keeps huskers out of the corn fields. This is good weather, however, for hunters. Butterfat, 36c.—Everett Hughes.

The Pains of Literature

Officer (addressing sergeant) — "There is a pile of rubbish over in Kosciusko street that ought to be hauled off."

Sergeant—"Very well, make your report." Officer sits at his desk and nibbles the end of his pen for several minutes, then snatches his cap and makes a break for the door.

Sergeant (sharply) — "Where are you going?"

Officer (sheepishly) — "I'm going to drag that rubbish over into Maple avenue."

Quite So, Quite So

A certain man announced that he was marrying a widow.

"I could never be a widow's second husband," his friend said bluntly.

The newly engaged man smiled.

"Well," he murmured, "I'd much rather be her second than her first."



The Radio, for Example



"THEY HAVE NO SUPERIOR"

S. W. GILFILLAN

President of GILFILLAN

BROS., Inc., says:

"Our advice to all of our dealers is to recommend RCA Radiotrons for initial equipment and for replacement in all of our radio instruments. We do this because we use them for experiments and tests in the Gilfillan laboratories and find that they have no superior."



RADIOTRON DIVISION
RADIO-VICTOR CORPORATION
OF AMERICA

RCA RADIOTRON



After you read your Mail & Breeze, hand it to a neighbor who is not a subscriber. He, as well as you, can profit by the experience of others engaged in similar work.



Free

This Practical Cook Book

containing more than 90 excellent recipes—bread, muffins, cakes and pastry—will be mailed on request to users of K C Baking Powder.

The recipes have been prepared especially for

KC Baking Powder

Same Price for over 38 Years

25 ounces for 25¢

Millions of Pounds

Used by Our

Government

JAQUES MFG. CO., Chicago, Ill.
Enclosed find 4c in stamps to cover postage and packing. Mail copy of The Cook's Book to
Name _____ Address _____



Our FARMERS MARKET Place

RATES 8 cents a word if ordered for four or more consecutive issues, 10 cents a word each insertion on shorter orders or if copy does not appear in consecutive issues; 10 words minimum; when display headings are desired or white space around ads ordered, charges will be based on 75 cents an agate line (\$10.50 an inch single column) for one insertion or 65 cents an agate line per insertion (\$9.10 an inch single column) for four or more consecutive issues; 7 lines minimum. Count abbreviations and initials as words and your name and address as part of the advertisement. Copy must reach Topeka by Saturday preceding date of publication.

REMITTANCE MUST ACCOMPANY YOUR ORDER



Sell thru our Farmers' Market and turn your surplus into profits

Buy thru our Farmers' Market and save money on your farm products purchases

| TABLE OF RATES | | | | | |
|----------------|----------|------------|-------|----------|------------|
| Words | One time | Four times | Words | One time | Four times |
| 10 | \$1.10 | \$3.20 | 26 | \$2.60 | \$ 8.32 |
| 11 | 1.10 | 3.52 | 27 | 2.70 | 8.64 |
| 12 | 1.20 | 3.84 | 28 | 2.80 | 8.96 |
| 13 | 1.30 | 4.16 | 29 | 2.90 | 9.28 |
| 14 | 1.40 | 4.48 | 30 | 3.00 | 9.60 |
| 15 | 1.50 | 4.80 | 31 | 3.10 | 9.92 |
| 16 | 1.60 | 5.12 | 32 | 3.20 | 10.24 |
| 17 | 1.70 | 5.44 | 33 | 3.30 | 10.56 |
| 18 | 1.80 | 5.76 | 34 | 3.40 | 10.88 |
| 19 | 1.90 | 6.08 | 35 | 3.50 | 11.20 |
| 20 | 2.00 | 6.40 | 36 | 3.60 | 11.52 |
| 21 | 2.10 | 6.72 | 37 | 3.70 | 11.84 |
| 22 | 2.20 | 7.04 | 38 | 3.80 | 12.16 |
| 23 | 2.30 | 7.36 | 39 | 3.90 | 12.48 |
| 24 | 2.40 | 7.68 | 40 | 4.00 | 12.80 |
| 25 | 2.50 | 8.00 | 41 | 4.10 | 13.12 |

DISPLAY Headings

Display headings are set only in the size and style of type above. If set entirely in capital letters, count 15 letters as a line. With capitals and small letters, count 22 letters as a line. One line or two line headings only. When display headings are used, the cost of the advertisement is figured on space used instead of the number of words. See rates below.

| RATES FOR ADS WITH WHITE SPACE OR DISPLAY HEADINGS (Single Column) | | | | | |
|--|---------|------------|----------|---------|------------|
| One Time | | Four Times | One Time | | Four Times |
| Inches | Time | Times | Inches | Time | Times |
| 1 | \$ 5.25 | \$ 4.55 | 3 | \$31.50 | \$27.30 |
| 1 1/4 | 10.50 | 9.10 | 3 1/4 | 36.75 | 31.85 |
| 1 1/2 | 15.75 | 13.65 | 4 | 42.00 | 36.40 |
| 2 | 21.00 | 18.20 | 4 1/4 | 47.25 | 40.95 |
| 2 1/4 | 26.25 | 22.75 | 5 | 52.50 | 45.50 |

The four time rate shown above is for each insertion. No ads accepted for less than one-half inch space

RELIABLE ADVERTISING

We believe that all classified livestock and real estate advertisements in this paper are reliable and we exercise the utmost care in accepting this class of advertising. However, as practically everything advertised has no fixed market value and opinions as to worth vary, we cannot guarantee satisfaction. We cannot be responsible for mere differences of opinion as to quality of stock which may occasionally arise. In cases of honest dispute we will endeavor to bring about a satisfactory adjustment between buyer and seller but our responsibility ends with such action.

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.

BABY CHICKS

ORDER EARLY. BLOODTESTED, A. P. A. Certified Chicks. 95 per cent pullets guaranteed. Mid-Western Poultry Farms and Hatchery, Burlingame, Kan.

PAY ONLY FOR CHICKS YOU RAISE. WE refund full price paid for all normal losses first three weeks. Missouri Accredited. 9c up. Free catalog. Schlichtman Hatchery, Appleton City, Missouri.

BABY CHICKS. BARRED, WHITE OR BUFF Rocks, Rhode Island Reds, Buff Orpingtons, White Wyandottes and other breeds. 12c each prepaid. Live delivery guaranteed. Peerless Hatchery, Wichita, Kan.

SPRING, 1930, CHICKS, 8c UP. EASY terms. Special offers on early orders. Big boned, healthy stock. Guaranteed to live. 200 to 324-egg pedigrees. Free catalog. Booth Farms, Box 615, Clinton, Mo.

BUY STEINHOFF'S BLOODTESTED CHICKS. Every chick hatched from a tested hen. We will begin shipping Dec. 15. Discount on early orders. Prices reasonable. Circular free. Steinhoff Hatchery, Osage City, Kan.

YOU BUY BETTER CHICKS FOR LESS money. Guaranteed alive or replaced. 2,000 free. All leading breeds. Special: World's Best, Young, Barron or Tanager White Leghorn chicks, \$98 per 1,000. Colwell Hatchery, Smith Center, Kan.

HEIM'S HUSKY CHIX, WHITE AND Barred Rocks, Reds, Buff Orpingtons, White Wyandottes, White Minorcas, \$12. White and Brown Leghorns, heavy assorted, \$10. Free book how to raise chicks with every order for 100 chicks; prepay and guarantee 100% live delivery. Heim's Hatchery, Lamar, Missouri.

STATE ACCREDITED CHICKS. BUFF Orpingtons, White Wyandottes, White, Barred or Buff Rocks, Rose or Single Comb Rhode Island Reds, Rose Comb Rhode Island Whites, Silver Laced Wyandottes, White Langshans, \$13.50 per 100; \$65.00-500. Leghorns Hollywood English or Beal Tancred, \$12.00-100. Tischhauser Hatchery, Wichita, Kan.

BANTAMS

BUFF COCHIN BANTAMS. PAIR \$5.00. FINE Christmas presents. Carl Plock, Clay Center, Kan.

CORNISH

DARK CORNISH COCKERELS, \$2.00 AND \$3.00 each. Sadie Mella, Bucklin, Kan.

DUCKS AND GESE

DUCKS — WHITE PEKIN. MRS. AUG. Christiansen, Brewster, Kan.

MAMMOTH TOULOUSE GESE AND PEKIN ducks. Alberta Kientz, Ozawie, Kan.

LEGHORNS—BROWN

ROSE COMB BROWN LEGHORN COCKERELS, \$1.50. Mrs. Griswold, Tecumseh, Kan.

LEGHORNS—WHITE

TOM BARRON COCKERELS 317-334 EGG strain, \$1.00. Frank Leeper, Fredonia, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS \$2.00. Satisfaction. Guarantee. Fred Skalky, Wilson, Kan.

TANCRED COCKERELS FROM STATE CERTIFIED flock, headed by pedigreed males, \$2.50 each. Harry Gfeller, Chapman, Kan.

WHITE LEGHORNS. PURE 300 EGG DOLLAR Sign Strain. 300 pullets ready to lay, \$1.35. 200 yearling hens, laying, \$1.25. Account sickness must sell. Mrs. M. Nina Gray, Singlewood, Colo.

IMPORTED ENGLISH BARRON HIGHEST pedigree blood lines S. C. W. Leghorns. Trapped record 303 eggs. Extra choice cockerels. Formerly of Richland. George Patterson's Egg Farm, Melvern, Kan.

TANCRED STRAIN DIRECT S. C. W. LEGHORN cockerels from state accredited flock \$1.50 each. Some very choice breeding cockerels at \$2.00. Your money returned if not satisfactory. John Little, Concordia, Kan., Rt. 2.

CHICK PRICES CUT 7 1/2 CENTS IF ORDERED now for spring shipment. Best Egg Strain White Leghorns. Records to 320 eggs. Pay when you get them. Guaranteed to live and outlay ordinary chicks. Low prices on pullets, hens, cockerels, hatching eggs. Catalog and bargain bulletin free. George B. Ferris, 949 Union Ave., Grand Rapids, Mich.

LANGSHANS

PURE BRED COCKERELS, SPECIALLY culled and passed by expert, \$3 each. Peter A. Fleming, Hillsboro, Kan.

MINORCAS—WHITE

HERE'S YOUR CHANCE TO BUY CULLED Rose Comb Minorca cockerels, \$3 each. Peter A. Fleming, Hillsboro, Kan.

ORPINGTONS—BUFF

PURE BRED BUFF ORPINGTON COCKERELS, \$2.25. Ralph Dixon, Hutchinson, Kan., Rt. 5.

FINE STANDARD BUFF ORPINGTON COCKERELS. Gold Angora kittens. Unique Poultry Farm. Little River, Kan.

PLYMOUTH ROCKS—BUFF

BUFF ROCK COCKERELS QUALITY \$1.75. Brewer's Golden Rods, Della, Kan.

GOOD PURE BRED BUFF ROCK COCKERELS, \$1.50, pullets \$1 each. Harry Waters, St. John, Kan.

PLYMOUTH ROCKS—BARRED

PARK'S BARRED ROCK COCKERELS. BRED winter layers. Mrs. August Christiansen, Brewster, Kan.

LARGE BONED, YELLOW LEGGED, HEAVY laying, Bradley strain, Barred Rock cockerels, pullets. Mrs. Ira Emig, Abilene, Kan.

BARRED ROCKS. STANDARD BRED. HEAVY Layers. Bradley strain, cockerels, \$3.00. Eggs Postpaid \$6.50; 50, \$3.50. Mrs. J. B. Jones, Abilene, Kan.

PLYMOUTH ROCKS—WHITE

WHITE ROCKS—SOME FINE COCKERELS for quick orders at \$1.75 and \$1.00 each. Our very best breeding. Big fellows well grown. Jo-Mar Farm, J. W. Southmayd, Mgr. Poultry, Salina, Kan.

RHODE ISLAND REDS

FINE QUALITY LARGE DARK ROSE COMB Red cockerels, \$2. Mrs. Chas. Lewis, Wakefield, Kan.

LARGE, DARK A. P. A. CERTIFIED COCKERELS. Winners in best state shows. \$2.50 each. Merle Akers, Burlingame, Kan.

PURE BRED DARK RED, S. C. RHODE ISLAND Red cockerels. Husky fellows, disease free. H. S. Martin, Pleasanton, Neb.

SPECIAL: MARCH, ROSE COMB RED COCKERELS until January—\$2.50, \$3.50, \$5.00, \$7.50. Satisfaction guaranteed or we pay return express. J. C. Banbury's, Pratt, Kan.

ACCREDITED A—SINGLE COMB RED Cockerels. Sires from Advanced Record of Performance pens. Tompkins strain. Winner at North Central Kansas Free Fair \$5. Guinea pigs 75c. Mrs. Royal Henderson, Mahaska, Kan.

RHODE ISLAND WHITES

ROSE COMB RHODE ISLAND WHITE COCKERELS. Few Single Combs, \$2. Fred Sager, Frederick, Kan.

SINGLE COMB RHODE ISLAND WHITE cockerels \$2.00 each, five for \$9.00. Mrs. B. J. Winger, Ulysses, Kan.

ROSE COMB WHITE COCKERELS, ALSO Rose Comb Red cockerels \$2.00 each. Vaccinated. Irvin Fralick, Mullinville, Kan.

EARLY HATCHED COCKERELS, BLUE RIBBON winners in best shows in state. \$3.00 each, guaranteed to please. Weaver Masters, Burlingame, Kan.

TURKEYS

MAMMOTH BRONZE TOMS, \$8. LARGE thrifty stock. Floyd Worley, Utopia, Kan.

MAMMOTH BRONZE TURKEYS HEALTHY birds. Write Mrs. G. Scurllock, Victoria, Kan.

MAMMOTH BRONZE TURKEYS. FINE, large, healthy birds. Clair Bidleman, Kinsley, Kan.

MAMMOTH PURE BRED WHITE HOL- lands, toms \$7.50, hens \$5.00. Elsie Terrill, Arlington, Kan.

TURKEYS

FINE NARRAGANSETT TURKEYS, TOMS \$8, hens \$5. May hatched. Mrs. Rudolph Wolf, Manchester, Kan.

MAMMOTH BRONZE TOMS, APRIL HATCH, \$10.00. Two-year-old tom, \$12.00. Lulu H. Lind, Leonardville, Kan.

PURE BRED NARRAGANSETT TOMS \$8 and \$9. Hens \$5 and \$6. May hatched. E. H. Hartman, Valley Center, Kan.

GIANT NARRAGANSETTS, PRIZE WINNERS, 40-lb. sire, choice early toms \$7.00, hens \$4.50. Guy Rowley, Prescott, Kan.

BRONZE TURKEYS FINE LARGE HEALTHY birds. Took all firsts at Kansas State Fair. Write your wants. J. Deschner, Hesston, Kan.

PURE BRED BOURBON RED TURKEYS, one two-year-old tom, \$12.50. April toms, \$10. Hens, \$8.00. Frank Drake, Offerle, Kan.

BRONZE (GOLDBANK) TOMS \$10, HENS \$7. Grandparents cost Tom \$50. Hen \$35. Buff Orpington cockerels \$1.50. T. N. Garner, Portis, Mo.

BRONZE TOMS, 17 YEARS IMPROVING. Bronze. Satisfaction guaranteed. Inquiries appreciated. Prepaid. Walter Johnson, Smith Center, Kan.

PURE MAMMOTH BRONZE TURKEYS, heavy bone, healthy, vigorous, outstanding breeders. Guaranteed satisfaction. Earl Brubaker, Lamar, Colo.

MAMMOTH BRONZE—EXTRA FINE FIRST prize winners at recent Kansas National. Pullets \$7.00, toms \$10.00. First prize tom \$15.00. Mrs. Maude Boone, Murdock, Kan.

EXTRA CHOICE GIANT BRONZE TOMS, heavy bone, good markings, 23-27 lbs (30-33 by February), \$12.50 and \$15.00. Later hatch \$10 and \$8. R. Ramsbottom, Munden, Kan.

WYANDOTTES—WHITE

WHITE WYANDOTTE PULLETS AND COCKERELS, \$2.00 each. Mrs. Geo. Downie, Lyndon, Kan.

WHITE WYANDOTTE COCKERELS, Martins Regal Dorcas direct \$3.00. Oma Erwin, Rt. 1, Peck, Kan.

LOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan. Winner at many shows. Cockerels from my breeding pens, \$3 and \$5.

POULTRY PRODUCTS WANTED

GUINEAS, TURKEYS, DUCKS, GESE wanted. Coops loaned free. The Copes, Topeka.

INCUBATORS

NEW, SIMPLIFIED INCUBATOR FOR small-scale hatching. All-electric 500-egg "Little Boy." Latest big machine features. Automatic thermostatic control; all metal cabinet, white Duco finish. Write for free folder. Wellington J. Smith Co., 314 Davis-Farley Bldg., Cleveland, Ohio.

PIGEONS

10,000 COMMON PIGEONS WANTED. R. S. Elliott, 7500 Independence, Kansas City, Mo.

RABBITS

CHINCHILLAS—YOUNG STOCK FROM PEDIGREE registered parents. Mrs. A. Millyard, Lakin, Kan.

FOR SALE—REGISTERED CHINCHILLA bucks and pedigreed does. Robt. Murdock, Lyndon, Kan.

MAKE BIG PROFITS WITH CHINCHILLA Rabbits. Real money makers. Write for facts. 888 Conrad's Ranch, Denver, Colo.

CANARIES

CANARY BIRDS, GUARANTEED GOOD singers. Mollie Shreck, Colony, Kan.

DOGS

ENGLISH SHEPHERDS, COLLIES, POLICE, Fox Terriers. Ed Barnes, Fairfield, Neb.

SPOTTED COACH PUPS \$7.50 FOR FEMALES \$10.00 for males. Grant Burgess, Sublette, Kan.

RAT TERRIER PUPS, BRED FOR RATTERS. Satisfaction guaranteed. Crusaders Kennels, Stafford, Kan.

NEWFOUNDLAND PUPPIES—REGISTERABLE, child's companion, home protection. Klepeas, Watheana, Kan.

NEWFOUNDLAND PUPPIES FOR XMAS. Real home watchdog. Child's companion. Springsteads, Watheana, Kan.

SHEPHERDS, COLLIES, FOX TERRIERS shipped on approval. Satisfaction guaranteed. Ricketts Farm, Kincaid, Kan.

HONEY

EXTRACTED HONEY 60 LBS. \$5.50; 120—\$10.00. T. C. Velrs, Olathe, Colo.

WHITE CLOVER HONEY, 10-LB. PAIL postpaid, \$1.50. Geo. Pratt, 2235 Penn., Topeka, Kan.

BEST QUALITY EXTRACTED HONEY, ONE 60-pound can, \$6.50; two, \$12.50. Nelson Overbaugh, Frankfort, Kan.

HONEY—EXTRA SELECT EXTRACTED alfalfa pure as bees make. 60 lbs. \$5.50; 120 lbs. \$10 here. C. W. Felix, Olathe, Colo.

FINEST WHITE EXTRACTED HONEY, 120 pounds \$10.80; 60 pounds \$5.75. Satisfaction guaranteed. Garden Court Honey Farms, 901 West 11th, Pueblo, Colo.

SEEDS, PLANTS AND NURSERY STOCK

FIVE THOUSAND POUNDS GRIM ALFALFA seed. Lee Lantz, Las Animas, Colo.

MACHINERY—FOR SALE OR TRADE

LIMESTONE PULVERIZERS—WE HAVE SIX states on the Mid-West limestone pulverizer. Get our price and specifications before buying. Green Brothers, Lawrence, Kan.

NOTICE—FOR TRACTORS AND REPAIRS. Farmalls, Separators, steam engines, gas engines, saw mills, boilers, tanks, well drills, plows, Hammer and Burr mills. Write for list. Hey Machinery Co., Baldwin, Kan.

TYPEWRITERS

TYPEWRITERS; ADDING MACHINES; DUPLICATORS; easy payments. Yotz Co., Shawnee, Kansas.

TOBACCO

LEAF TOBACCO—GOOD SWEET CHEWING, 3 lbs. 90c; 5, \$1.25; 10, \$2.00. Smoking, 3 lbs. 60c; 5, 90c; 10, \$1.50. United Farmers, Mayfield, Ky.

TOBACCO POSTPAID. GUARANTEED BEST mellow, juicy red leaf chewing. 5 lbs., \$1.50; 10, \$2.75; best smoking, 20c lb. Mark Hamlin, Sharon, Tenn.

GOING OUT OF BUSINESS. MUST SELL TOBACCO; ten-pound packages chewing \$1.50, smoking \$1.25. Four years old. Pay for tobacco and postage when received. Hancock Leaf Tobacco Association, Hawesville, Ky.

AGENTS—SALESMEN WANTED

WANTED—MAN WHO KNOWS FARM LIFE to travel in country. Steady work. Good profits. McConnon & Company, Room A-4312, Winona, Minn.

BIG MONEY SPARE TIME SELLING quality article only 45c daily necessity, money back guarantee, repeat seller. Waterman Razor Blade Corporation, 198 Broadway, New York.

MALE HELP WANTED

DEALERS SELL REPLACEMENT FARM Lighting Storage Batteries. Write for particulars. Western Cable and Light Company, Baldwin, Kan.

MEN WANTED—RELIABLE ENERGETIC men, age 25 to 45 to supply established users with most complete and up to date nationally known household and farm products in Franklin and Douglas counties. You will be given thorough training by old established company. Right man can earn \$35 or more a week from the start. Write the J. R. Watkins Company, 1535 Walnut Street, Kansas City, Mo.

EDUCATIONAL

WANTED ELIGIBLE MEN—WOMEN, 18-55, qualify at once for permanent Government Positions, \$105-\$250 month. Gov't experience unnecessary; Paid vacations; common education. Thousands needed yearly. Write Ozment Institute, 365, St. Louis, Mo.

PATENT ATTORNEYS

PATENTS, BOOKLET AND ADVICE FREE Watson E. Colman, Patent Lawyer, 724 9th St., Washington, D. C.

PATENTS—TIME COUNTS IN APPLYING for patents; send sketch or model for instructions, or write for free book "How to Obtain a Patent" and "Record of Invention" form; no charge for information on how to proceed. Clarence A. O'Brien, Registered Patent Attorney, 1501, Security Savings & Commercial Bank Building, Washington, D. C.

KODAK FINISHING

PRICES SMASHED—SIX GLOSSY PRINTS, 18 cents. Young's Studio, Sedalia, Mo.

ROLL DEVELOPED AND 6 GLASSY PRINTS 25c. Photo-Art Finishers, Hutchinson, Kan.

SEND ROLL AND 25c FOR SIX BEAUTIFUL glossstone prints. Day Night Studio, Sedalia, Mo.

TRIAL OFFER: FIRST FILM DEVELOPED, six prints, 25c silver. Enlargement free. Superior Photo Finishers, Dept. P., Waterloo, Iowa.

LUMBER

LUMBER—CAR LOTS, WHOLESALE PRICES, direct mill to consumer. Prompt shipment, honest grades and square deal. McKee-Fleming Lbr. & M. Co., Emporia, Kan.

FENCE POSTS

FOR SALE—THE EVERLASTING FENCE post—Hedge. Write for prices delivered or f. o. b. cars. George Brothers, Earleton, Kan.

MISCELLANEOUS

BE READY MOTHER AND BABY SANITARY dressings. A complete outfit to dress both mother and babe. Indispensable when baby arrives. Send one dollar receive P. P. Sani-Pack Co., 913 Kan. Ave., Topeka, Kan.

LIVESTOCK

SHEEP AND GOATS

LARGE BLACK NUBIAN FRESH MILK goats, also good bucks. Grant Burgess, Sublette, Kan.

THREE PURE BRED SAANEN MILK GOATS, 2 mature does, 1 doe kid cheap or trade for chickens. Theron Tibbitts, Richland, Kan.

CATTLE

FOR SALE, BROWN SWISS HEIFER CALVES.
Dean Coburn, Whitewater, Wis.
SIX REGISTERED GUERNSEY FEMALES
and one bull. Murrefield Farms, Tonganoxie,
Kan.

FOR SALE—REG. GUERNSEY HERD BULL.
Wonderful breeder with good record. W. E.
Roh, Peck, Kan.

FOR SALE—TEN YOUNG PURE BRED HOL-
stein bulls priced reasonable. Inquire Sam
Ainsworth, Lyons, Kan.

FOR GUERNSEY OR HOLSTEIN DAIRY
cows from heavy, rich milkers, write Edge-
wood Dairy Farms, Whitewater, Wis.

FOR SALE: REGISTERED RED POLLED
bulls. Herd bull, extra good choice young
bulls from milk strain. Jacob Fisher, Goff,
Kan.

WRITE THE VERNON COUNTY GUERNSEY
Breeder's Association, Viroqua, Wisconsin,
your needs in high grade and purebred Guern-
seys, all ages of either sex. Jane Beck, Secy.

HEIFER CALVES, SELECTED HOLSTEIN
or Jerseys, \$15; second choice, \$12.50; beef
breeds, \$12.50; weaned calves \$25; satisfac-
tion guaranteed. Arnold Dairy Co., 632
Livestock Exchange, Kansas City, Mo.

TWELVE TWO YEAR OLD HIGH GRADE
Guernseys to freshen January, February and
March, \$135 each. Sixteen high grade open
Guernsey heifers, \$85 each. \$100 per head
buys the lot. Jos. Beck, Viroqua, Wisconsin.

GUERNSEY HEIFER CALVES—CHOICE,
high grades, beautifully marked, well grown,
with good udders, bred for production and
type. Tuberculin tested. Eight weeks old \$25.00;
10 for \$240.00. Five weeks old \$22.00; 10 for
\$200. Shipped collect, by express at little cost.
Unrelated bulls same age and price. Satisfac-
tion guaranteed. Wildwood Farms, 1092 James,
St. Paul, Minn.

HOGS

CHOICE CHESTER WHITE SPRING BOARS.
Henry Murr, Tonganoxie, Kan.

10 WEEK OLD DUROC BOAR AND SOW
pigs. Registered and immune. Frank Yost,
Culver, Kan.

O. I. C. AND CHESTER WHITE PEDIGREED
pigs \$24 per pair, no kin. Write for circu-
lars. Raymond Ruebush, Sciota, Ill.

LAND

KANSAS

FOR SALE—Bottom and upland farms. Melvin
Ward, Holton, Kan.

BEST PRICES ON new wheat land. E. E. Nel-
son, Garden City, Kan.

FARMS AT BARGAIN PRICES for cash. Write
us. Curtis Agency, Osage City, Kan.

WHEAT, corn, potato land. Shallow water. Imp-
and unimp. \$20 up. Crabtree Realty, Scott City, Ks.
5,000 ACRES Wichita County wheat and corn
land \$12.50 to \$30.00 per acre. Bess Holmes,
Leoti, Kan.

80 ACRE FARM—Electric lights in house and
barn. Good road, near school. Write owner,
E. R. Krape, Garnett, Kan.

STANTON and Baca county wheat and corn
lands \$15.00 to \$25.00 per acre. Peterson
Land & Inv. Co., Johnson, Kan.

GREELEY County wheat land in big yield,
section \$10 to \$15 per acre, easy terms,
J. W. Triplett Land Co., Tribune, Kan.

FARMS for sale at bargain prices and on easy
terms, about like rent. Send for list. Hum-
phrey Inv. Co., Independence, Kan.

20 WHEAT farms. All sizes \$30 to \$50 A., in-
cluding share growing wheat. J. Mann,
Nat. Bank Bldg., Dodge City, Kan.

FOR SALE: 760 A. stock farm, good improve-
ments, well watered, 275 cul. bal. pasture,
\$30 A. located Root Co. T. S. Shaw, Glade, Ks.

I HAVE some real buys in Western Kansas
wheat and corn land. Communicate with
me at once. E. C. Bray, Syracuse, Kan.
Owner.

CHOICE wheat and corn land for sale; one
crop will pay for land. A golden oppor-
tunity for you. Phone 188, A. C. Bailey, Syra-
cuse, Kan.

JUST OUT new free list of Eastern Kansas
farm bargains. Greatest money values ever
offered by our company. Write today. Mans-
field Land Company, Ottawa, Kan.

FOR SALE—119 acre farm. Located between
Morehead and Cherryvale. One mile from
hard surfaced road. Improvement, soil, water,
school all good. Natural gas. Priced right.
Terms, \$1000 will handle. L. E. Richardson,
owner, Morehead, Kansas.

KANSAS, the bread basket of the world, is
the world's leading producer of hard winter
wheat. Kansas ranks high in corn. It leads all
states in production of alfalfa. Dairying, poultry
raising and livestock farming offer at-
tractive opportunities because of cheap and
abundant production of feeds and forage, and
short and mild winters which require a mini-
mum of feed and care. The U. S. Geological
Survey classifies many thousands of acres of
Southwestern Kansas lands as first grade.
These lands are available at reasonable prices
and easy terms. Write now for our free in-
formation. C. L. Seagraves, General Coloniza-
tion Agent, Santa Fe Railway, 990 Railway
Exchange, Chicago, Ill.

TWO FARMS FOR SALE AT AUCTION
Wednesday, Dec. 18, 1929, 10 A. M. Three
miles northeast of Fostoria.

FARM NO. 1—320 acres. Obtained from es-
tate, must be sold; good stock farm 80 acres
creek bottom; good improvements; 3 mi. from
Fostoria high school and M. E. church; 6 mi.
from Catholic Church. Terms on farm No. 1,
10% of purchase price day of sale; \$7,000
March 1, 1930; bal. terms to suit purchaser.
Roy A. Ellis, Wheaton, Kan.

FARM NO. 2, 80 A. all tillable east edge
Fostoria, a live little town on U. P.; good mar-
kets, new R. H. S. high school and new-grade
school buildings, and new church; fine com-
munity. Terms on farm No. 2 10% purchase
price day of sale; Bal. March 1, 1930. Will be
sold following farm No. 1, F. A. Dodds, Fos-
toria, owner farm No. 2.

STOCK SALE—110 head of stock will be
sold also, December 18, 1929. Roy A. Ellis,
Wheaton, Kan.

CANADA

WHY PAY BIG RENTS or tie up money in
high-priced land while in Canada millions of
acres virgin prairie close to railways await-
ing settlement can be bought from \$15 to
\$25 an acre, with long terms of payment if
desired? Free government homesteads in the
newer districts; good improved or unim-
proved farms in all provinces at low prices.
Excellent climate, highest quality produce,
fastest growing country in the world. Grain-
growing, stock-raising, dairying, fruit, poultry,
mixed farming. Schools, churches, roads,
telephones. Rural mail delivery. Get the facts
from the Canadian Government Information
Bureau. Canadian Government has no lands
to sell but offers free official information
and service. Special low railway rates for
trip of inspection. Free maps, booklets, ad-
vice. No obligation. Thirty thousand Amer-
icans moved to Canada last year. Write
M. D. Johnston, Canadian Government In-
formation Bureau, 2025 Main St., Kansas
City, Mo.

ARKANSAS

55 ACRES; 35 Acres Cultivated; all fenced;
3-room house, barn, well, small orchard;
2 miles Calico Rock; a real bargain. Price
\$1500. Free list. W. J. Copp, Calico Rock,
Ark.

SALE OR EXCHANGE

BARGAINS—E. Kan., W. Mo. farms, sale or
exch. Sewell Land Co., Garnett, Kan.

COLORADO

EASTERN Colorado wheat-corn land for sale.
Box 387, Cheyenne Wells, Colo.

EASTERN Colo. smooth wheat land, \$7.00 to
\$10.00 per acre. Hackley, Lamar, Colo.

NEW WHEAT LAND, also corn farms in the
famous Eads district. Wm. T. Holland & Co.,
Eads (Kiowa Co.) Colo.

25 QUARTERS, the cream of new wheat land
also corn land in the famous Eads District.
Mitchem & Hollingsworth, Eads, Colo.

IMP. IRRIGATED Farms, part alfalfa, de-
pendable water rights. Ranches non-irrig.
wheat lands. J. L. Wade, Lamar, Colo.

CALIFORNIA

RANCH, farm on shares, where everything is
furnished. Ref. Geo. Hance, Dinuba, Calif.

STANISLAUS COUNTY, California—Where
farmers are prosperous; crops growing year
'round. Land priced low. Write free booklet,
Dept. D, Stanislaus County Development
Board (County Chamber Commerce) Modesto,
Calif.

IDAHO

NO PAYMENTS, no interest for 5 years. 20,000
acres of fertile cut over soil, dairying, fruit,
diversified farming, ample rainfall, mild cli-
mate, good markets, four railroads, near Spo-
kane, wood, water plentiful, low prices, 15
years. Humbird Lumber Co., Box G, Sand-
point, Idaho.

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 425-0, Carthage, Mo.

LAND SALE, \$5 down \$5 monthly buys 40
acres. Southern Missouri. Price \$200. Send
for list. Box 22-A, Kirkwood, Mo.

TEXAS

IN THE GULF COAST country of Texas, there
is now a splendid opportunity to buy forty
acre farms at very low prices with long, easy
terms. Down payment within your means.
Deep, black fertile soil with excellent drainage.
Long and favorable growing season permits
wide range of crops including cotton, corn,
magnolia figs, satsuma oranges, all kinds of
vegetables. Especially well adapted for dairying,
hogs and poultry. Lands ready for culti-
vation. Excellent railroad facilities afford ready
access to large markets. Good roads, schools,
churches. For detailed information address
C. L. Seagraves, General Colonization agent,
Santa Fe Ry., 970 Railway Exchange, Chicago.

MISCELLANEOUS LAND

FARMS and suburban homes, write for list.
T. B. Godsey, Emporia, Kan.

BUY NOW: Write for my prices of S. Kan.
and N. Okla land. C. M. Horner, P. O. Box
236, Bartlesville, Okla.

OWN A FARM in Minnesota, North Dakota,
Montana, Idaho, Washington or Oregon.
Crop payments or easy terms. Free literature.
Mention state. H. W. Byerly, 81 Nor. Pac. Ry.,
St. Paul, Minn.

THE GREAT NORTHERN Railway serves an
agricultural empire in Minnesota, North Da-
kota, and Montana, where opportunities abound
for small farms or large operators to rent or
purchase at the lowest prices and best terms
of many years. Profits are insured by rapid
progress being made in diversified crops and
livestock raising. Idaho, Washington and Ore-
gon offer opportunities in low-priced cutover
lands, high producing irrigated land, or small
suburban tracts near large cities, for general
farming, dairying, fruit or poultry. Mild cli-
mate. Write for free Zone of Plenty book with
detailed information. Low Homeseekers' Rates.
E. C. Leedy, Dept. 100, St. Paul, Minn.

REAL ESTATE WANTED

SMALL FARM WANTED
Located in Kansas, suitable for general
farming, dairying and stock raising. If a bar-
gain, write me full description and lowest cash
price. John D. Baker, Mena, Ark.

WANTED TO LIST REAL ESTATE

WANT FARMS from owners priced right for
cash. Describe fully. State date can deliver.
E. Gross, N. Topeka, Kan.

I HAVE BUYERS waiting for Kansas farms
and ranches if priced right. List with me
for quick sales. Sam Minnich, Emporia, Kan.

SELL YOUR PROPERTY QUICKLY

for cash, no matter where located, particulars
free. Real Estate Salesman Co., 515 Brownell,
Lincoln, Nebraska.

Grain View Farm Notes

H. C. COGLAZIER
Pawnee County

As little farm work was done in
November this year as in any year I
can remember. Not much more than
10 per cent of the corn crop in this
part of the country has been husked.
In past years farmers have finished
husking by Thanksgiving. December
came in with snow and a near zero
temperature. From all reports, the
last snow was heavier in the Western
and Central part of the state. The se-
vere cold weather of the past few
days has turned the wheat brown.
About the only noticeable green is in
places where the snow drifted and
protected the wheat. When the
ground has as much moisture as at
present, it is almost impossible to
damage wheat by freezing unless a
prolonged very low temperature is
maintained. Freezing and thawing of
the ground in this part of the coun-
try does not heave and pull the wheat
roots out as it does in some of the

Eastern states. In Southern Indiana
sometimes in the spring the wheat
plants are about all pulled out by
winter freezing and thawing. Since
the ground has frozen, most of the
stock have been turned back on the
wheat. Several shipments of fat hogs
have been sold from this locality dur-
ing the last two weeks. The net pork
profit was practically nothing due to
the high price of feed. Some stock
has died from shipping fever, hog
cholera, milk fever and wheat pas-
ture sickness.

Rough frozen ground has caused
stock to become so tender footed that
they move with great effort. This is
a very unusual condition for Pawnee
county. Seldom is it necessary to put
shoes on horses here. We have had
not more than a half dozen horses
shod in the 30 years we have lived in
Kansas. An Easterner thinks it queer
to see horses being worked bare-
footed. If a man wanted a horse shod
I do not know where he could get
the job done. It is troublesome some-
times to find enough good luck
omens with which to have a game of
horseshoes.

Several folks have inquired regard-
ing the sparrow trap about which we
wrote some time ago. There is a Gov-
ernment bulletin entitled, "The Eng-
lish Sparrow as a Pest," which de-
tails practical ways of constructing
traps and poisoning sparrows. The
bulletin, numbered Farmers' Bulletin
493, United States Department of
Agriculture, can be secured at most
local farm bureau offices or by send-
ing directly to the Department of
Agriculture at Washington, D. C.
Sparrows are bad pests and should
be controlled. Poultry diseases and
hog cholera are carried from one
farm to another by sparrows. A good
cat is equal to several traps when it
comes to catching sparrows.

Poultry in general is doing poorly.
Eggs are scarce and priced high.
There is considerable sickness and
disease in many of the flocks. Tuber-
culosis has been reported. We have
seen chickens die by the dozen from
this disease. Little can be done to get
rid of the disease other than dispose
of the poultry and clean the houses
and grounds thoroly. Frequently when
poultry has tuberculosis hogs will be-
come affected with the same disease.
Edwards county, joining Pawnee
county on the west, is putting on a
tuberculosis free campaign. About
two-thirds of the cattle in the county
have been tested. From observations
we have made and from some of the
losses we have seen both in poultry
and cattle, we always are on guard
against the disease in our own poultry
and cattle.

Several county agricultural agents
in Central Kansas are trying to make
definite arrangements for a perma-
nent 4-H club camp. It is likely the
camp will be located on the state
hospital grounds at Larned.

Helped Milk Consumption

A gradual increase in milk con-
sumption in the United States in re-
cent years has accompanied the cam-
paign to eradicate bovine tubercu-
losis. The estimated increase has
amounted to more than 50 quarts per
capita since 1920, when the campaign
was well under way. This interesting
sidelight on tuberculosis eradication
is seen in a chart prepared by the
United States Department of Agri-
culture.

In the work of eradicating the dis-
ease, approximately 70 per cent of all
cattle tuberculin tested have been
dairy cows and heifers over 2 years
old. In the four-year period, 1920 to
1924, only 5 million cows and heifers
over 2 years old of about 23 million
in the country had been tuberculin
tested. By 1926 the number tested
had reached 10 million, while to date
the number has exceeded 16 million.

"The increase in the estimated per
capita consumption of milk indi-
cates," Dr. A. E. Wight of the de-
partment believes, "that the public's
taste for milk has in no wise been
diminished by this extensive co-op-
erative work to suppress tuberculosis
among cattle. Any influence that the
tuberculin testing work may have
had is favorable rather than repres-
sive. However, a large number of fac-

tors other than the health of cattle
undoubtedly have been responsible
for the increased use of milk.

The campaign against tubercu-
losis," he adds, "had a direct influ-
ence in checking the dairymen's
losses by detecting and eliminating
tuberculous cows which usually are
unprofitable, besides being a menace
to the rest of the herds."

Making the Old Farm Pay

BY E. B. WELLS

Honor to whom honor is due! That
honor comes thru abiding by the
slogan, "More lime to grow more
legumes to feed more dairy cows." And
that is what Tom Taylor, Chero-
kee county, is doing. That is why he
is classed as one of the 10 most exten-
sive and enthusiastic users of lime.

Taylor is one of the best informed
farmers in Kansas on the real value
of lime for building up the soil and
making legume production both prac-
ticable and profitable.

"Until three years ago the only
legume we had been able to grow
successfully was soybeans," he said.
"That condition was due largely to
the ability of soybeans to grow on
sour soils. They make pretty good
dairy feed but were not very good for
soil building.

Realizing this fact, we decided to
look for some means of building up
our soil to provide sufficient plant
food for increased hay production to
meet the need of our increasing herd.
Our solution came when the county
agent tested our soil and recom-
mended the use of lime.

"Since liming our soil, back in
1924, we have been able to raise
enough Sweet clover to carry our
herd on pasture thruout the summer.
Knowing that alfalfa requires a rich
soil, our plan has been to grow Sweet
clover two years and then follow with
alfalfa."

In the fall of 1924, Taylor bought
a carload of lime that he spread on
20 acres and seeded to Sweet clover
in the spring of 1925. In addition to
having excellent results from grow-
ing Sweet clover on this field, he
raised a bumper crop of wheat last
year with a yield of twice the aver-
age for the rest of his wheat acreage.
Last fall he seeded 10 acres of alfalfa
that cut approximately 2 tons to the
acre the first cutting this year. His
estimate for the entire season is 50
tons, or an average of 5 tons to the
acre.

Taylor now has 60 acres of second
year Sweet clover, 15 of which are
being plowed under for soil improve-
ment. He limed an additional 85 acres
this spring and seeded it to Sweet
clover. In four years he has limed
160 acres or one-half of his 320 acre
farm.

This Cherokee county farmer is a
firm believer in the idea that lime is
the key to profitable farming in
Eastern and South-Central Kansas.
His program calls for the use of two
or three carloads of lime on his land
each year.

A luxury is something that usually
costs more to sell than it does to
make.

THEFTS REPORTED

Telephone your Sheriff if
you find any of this stolen
property. Kansas Farmer
Protective Service offers a
reward for the capture
and conviction of any thief
who steals from its members

Frank Kneisel, Horton. Hundred twenty-five
White Leghorn pullets.
L. Cliff, Corbin. Red dehorned cow weigh-
ing about 1100 pounds. Should be fresh by
this time.

H. Culbertson, Iola. Four 8-frame supers of
honey and two live 8-frame hives. Hives
bodies painted white and numbered "7" on
end, except one aluminum painted.

Milton Krainbill, Bern. Penny box, Elgin
Legionaire wrist watch, movement No. 32-
355,029, case No. 8,305,526. Case made by the
Illinois Watch Case Company.

L. M. Duncan, Emporia. Set 1 1/4 inch har-
ness. Steel hames painted black and trimmed
red, with nickel knobs. Brass buttons on back-
bands. Right pole-strap mice eaten. Neck-
band of one bridle riveted with copper rivets.
Four links on end of traces.

Mrs. Leonard Stewart, Wamego. Between
45 and 50 White Wyandotte chickens weighing
7 or 8 pounds apiece.

Clyde L. Cherry, Mulvane. Four new tire
tubes, four new Goodrich Silvertown tires, size
4.50-21 and a wheel off a Ford model A sport
roadster.

W. W. Gaddy, Altamont. Black and white
spotted male hound.

Ben Kyle, Sr., Williamston. Brown and
white spotted, four month old hound.

Purebred and High Grade Holstein Reduction Sale

at Sumner Hall dairy farm, joining Junction City on the west.
Sale begins at 11 a. m.

Junction City, Ks., Thursday, Dec. 19

The recent sale of one of the farms occupied by us makes this sale necessary. Included in the sale are 20 cows with C.T.A. Records ranging from 300 to 560 pounds of fat, 1927-1928 records. Herd federal accredited for the past 8 years. A working herd that has been carefully culled to high producing cows.

O. L. Thisler, Chapman, is consigning 10 choice cattle in the sale.

W. H. Mott, Herington, is consigning four young bulls, ready for service and one out of a dam with a record of 525 pounds of fat.

The cows in the sale are in milk, some just fresh and others are heavy springers. For descriptive catalog write to

W. H. Mott, Sale Manager, Herington, Kan.

W.S. Sheard, Owner, Junction City, Ks.

Jas. T. McCulloch, Auctioneer. J. W. Johnson, fieldman, Kansas Farmer.

Guernsey Cattle Sale

Wray, Colo., Thursday, Dec. 19

40 head of high grade Fresh and Springing Cows and Heifers, good quality. 15 choice heifer calves.

Cattle sell with clean bill of health and come from good herds in Wisconsin.

L. P. Coleman, Lincoln, Nebr.

HOLSTEIN CATTLE

DAIRY CATTLE

at public sale at farm 2 1/2 miles north of
HASTINGS, NEBR.

Wednesday, Dec. 18, at 1 o'clock

20 head of dairy, 20 cows, Holsteins, Guernseys, Shorthorns, 15 Holsteins, some Holstein bulls.

HENRY KORGAN, HASTINGS, NEBR.

Meadview Holstein Farms

Young bulls for sale. Calves up to breeding age. Sired by our Carnation bull Prospector Imperial Cornyke whose five nearest dams average 34.71 lbs. butter in 7 days. Three world record dams appear in his four generation pedigree. Out of cows with records of over 700 lbs. butter and 15,000 lbs. milk in one year.

Write E. A. Brown.

BROWN & COOK, PRATT, KANSAS

Cedarlane Holstein Farm

For Sale—Serviceable bulls from high producing dams. Also a few cows. Prices reasonable.

T. M. EWING, INDEPENDENCE, KAN.

JERSEY CATTLE

JERSEY BULL FOR SALE

Sire, Queen's Velvet Raleigh. Dam, Nuriel's Darling, dropped Dec. 5, 1927, also 2 mos. old bull calf sired by above bull from a heavy producing show cow, good individuals priced right.

W. E. TALBOTT, CHANUTE, KANSAS

Rate for Display Livestock Advertising in Kansas Farmer

\$7.00 per single column inch
each insertion.

Minimum charge per insertion in
Livestock Display Advertising col-
umns \$2.50.

Change of copy as desired.

LIVESTOCK DEPARTMENT
Kansas Farmer, Topeka, Kansas

POLLED SHORTHORN CATTLE

POLLED SHORTHORNS

Established 1907

"Royal Clipper 2nd and others head one of largest herds in U.S. Breeding and quality among the very best. 20 bulls, 20 heifers, 10 to 20 mos. old. \$100 to \$500 ea. Some halter broke. Certificates and transfers free. 2 del. 100 miles free. Phone our expense. Price list ready.

J. C. Banbury & Sons, Pratt, Kan.

Grassland Polled Shorthorns

OUR HERD MUST BE REDUCED
Cows, heifers and young bulls for sale.

Come and see, or write.

ACHENBACH BROS., WASHINGTON, KAN.

GUERNSEY CATTLE

2 Reg. Guernsey Heifers

for sale, 2 and 3 years old. Both to freshen in April. Extra good bull year old May 1st, also fine heifer 1 year old. Write

E. G. L. Harbour, Lock Box 113, Lawrence, Ks.

To Reduce Our Herd

We offer 30 long two year old Guernsey heifers that will freshen in September and October and some nice young cows. Also three two year old bulls. Address,

WOODLAWN FARM, Rt. 9, Topeka, Kan.

2 REG. GUERNSEY BULLS

Seven months and one year old from high producing ancestors. Sire's dam has record 888 pounds butterfat. Roy Flory, Lone Star, Kan.

SHORTHORN CATTLE

One Hundred Shorthorn

2-yr-old feeders, extra quality \$32 each. 100 Hereford steer calves price \$42.50. 75 Hereford mixed steers and heifers. Price \$35 each

Tom Nestor, 231 Topeka Ave., Topeka, Kan.

POLAND CHINA HOGS

Boars and Gilts at Private Sale

Boars by Armistice Over and Super Knight. Also choice fall pigs either sex. Write quick if interested.

JOHN D. HENRY, Lecompton, Kan.

These Beef Herds Pay

BY J. J. MOXLEY

A self-feeder and a creep down by a spring in the pasture! Those are two of the important implements of beef herd management as utilized by Fred Morgan, Geary county. And those are the tools that are aiding him to get an annual \$2,000 calf crop from his herd of 25 cows.

Morgan takes good care of his cows during the winter with a full feed of roughness and a little cottonseed or alfalfa. He so manages his herd that there is a calf following each cow in February or early March.

Back in the shed this Geary county stockman has arranged a place for these calves to slip in and get a little corn as soon as they will eat, or when they are about 3 weeks old. A self-feeder and a creep have helped this stockman to make cattle raising a profitable business.

By using a creep-feeder to add weight and finish to his calves, Seward Baker, Bazaar, did much to aid in marketing a \$5,000 calf crop a year ago. These calves were from his grade stock and were sold at weaning time.

Baker has in his herd approximately 125 grade cows and has a purebred herd of less than half that number. His 1,500 or 1,600 acres of bluestem and several hundred acres of bottom lands are being utilized in producing some of the most profitable cattle turned on the market.

Three silos provide the bulk of roughness for the cows. Alfalfa supplies most of the protein required. Baker depends on some sowed feed for dry roughage, and corn is used for feeding the calves.

Club Started Elmer Right

(Continued from Page 18)

Nearly all of the folks we have heard from who were active members last year are going to continue club work. The following paragraph taken from a recent letter written by Mrs. Frank Williams of Marshall county, whom most of you know, is typical of the reports from last year's members.

"As far as I know, the three of us will be in the Capper Clubs next year. It may be that Marjorie will enter the small pen department. I should like so much for her to continue in the poultry club, but she is interested now in a dairy calf, and is hoping you will see fit to add that department to the Capper Clubs. Merlin will enter the sow and litter contest again, and I suppose I shall continue to keep records on the farm flock."

Mrs. Williams is pleased to learn that the age limit likely is to be extended, for this will mean that Marshall county will not have to lose some of its most valuable members.

If you are not getting the Capper Club News, and would like to have your name put on the mailing list, write to the club manager at once. This little paper will keep you informed on the various Capper Clubs activities going on over the state. It's free to club members, and to those who are thinking of becoming members later.

Livestock Industry Sound

Encouraging progress in livestock research work and the gradual suppression of diseases of domestic animals are discussed by Dr. John R. Mohler, chief of the Bureau of Animal Industry, in his annual report to the Secretary of Agriculture. The report, covering the fiscal year ended June 30, 1929, deals with the results of the bureau's scientific investigations, inspection work, control of diseases and parasites, and administration of various livestock laws. Greater mastery over problems of livestock production is being obtained, the report shows, thru extensive animal-husbandry investigations.

Research in the quality and palatability of meat shows that steers of inferior breeding can be fattened and marketed to best advantage at an early age, whereas better types of animals usually will pay a greater profit if held a longer period before finishing. Feeding experiments have

continued to show the value of supplying supplements of grain to steers on pasture. In a three-year experiment just concluded in West Virginia, the feeding of corn and cottonseed meal to 3-year-old steers on grass increased the profit to the steer about 22 per cent as compared with steers receiving grass alone. This greater profit was accompanied by larger gains, higher yield of dressed meat, and a higher grade of carcass. A study of the meat of these cattle showed that rib cuts from the steers receiving grain were somewhat more tender.

Efforts toward the production of healthier livestock also have produced gratifying results. An outbreak of foot-and-mouth disease in Southern California last January was quickly suppressed by federal, state and local authorities, working co-operatively. As in the case of previous invasions of that disease, the method of eradication consisted chiefly in rigid quarantine and the slaughter of infected and exposed animals.

An outbreak of European fowl pest, another foreign disease, appeared in Morris county, New Jersey, in June, 1929. The disease was restricted to a few premises in a small area with the aid of state officials who worked in co-operation with the bureau. All affected and suspected birds were killed and burned as soon as the disease was discovered and premises were thoroughly disinfected.

In addition to suppressing these two diseases of foreign origin, the joint efforts of federal, state and local veterinary officials materially reduced the extent of animal diseases present in the United States. The systematic campaign against tuberculosis in livestock was marked by a large increase in the number of counties that have completed the tuberculin testing of all cattle within their borders. The effectiveness of the campaign to suppress tuberculosis is seen in the smaller percentage of cattle and swine carcasses condemned for tuberculosis in Federally inspected packing plants. Such condemnations, the report shows, were

DUROC JERSEY HOGS

100 DUROC BRED GILTS

For sale privately. Sired by Top Scissors and Scissors Broadcaster. Bred to boars of unusual merit. Including the boar that topped the Briggs sale last fall. Others to Scissors Broadcaster. Some to the best boar we ever raised. Only offering good brood sow prospects. Our prices are attractive.

W. A. GLADFELTER & SON,
Emporia, Kansas

IF YOU WANT HOGS

ready for market in 6 mos., get a boar sired by Revolution.

Mike Stensaa & Sons, Concordia, Kan.

Boars Ready for Service

Reg., immuned. The breed's best bloodlines. Write for prices, descriptions. We can please you.

G. M. SHEPHERD, LYONS, KAN.

CHOICE SPRING BOARS

For sale at moderate prices. Just tops. Immuned. Registered.

J. C. STEWART & SONS, Americus, Kansas

Boars Ready for Service

Registered, immuned boars shipped on approval, write for prices.

STANTIS BROTHERS, ABILENE, KAN.

GOOD BOARS REASONABLE

by outstanding sires and dams. Fit for any farmer or breeder. Vaccinated. Reg. Shipped on approval. Have been in business 26 yrs. and aim to please. W. R. Huston, Americus, Kan.

SPOTTED POLAND CHINA HOGS

Buy Registered Pigs

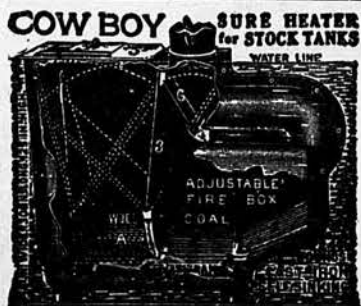
Raise your own herd boar and foundation brood sows. 100 Sept. pigs, either sex. Pairs and trios not related. Attractive prices. The blood of Singletons Giant, Lone Eagle and other noted sires.

D. W. BROWN, Valley Center, Kan.

AUCTIONEERS

Chas. W. Cole

LIVESTOCK AUCTIONEER
WELLINGTON, KANSAS.



KEEP COWS HEALTHY

Illinois State Experiments show that 85% of Cows kept in Close Warm Barns tested Tubercular. Prevent this by keeping water tank in open barnyard equipped with a Self-Sinking

COW BOY TANK HEATER Saves Money Every Day

Turn cows out to drink in plenty of warm water, get sunshine and fresh air, fitting them to resist T. B. Warm water aids digestion, saves grain. Burns coal, coke or wood. Very durable, practical and reliable. Quick to heat; strong draft; ashes removed with no check to fire; adjustable grate; keeps fire 24 hours. Constructed of best material. ENTIRELY SAFE.

"Purchased 3 of your Tank Heaters last winter, worked very satisfactory, and are well worth their cost. Every stockman should use one."

Write today for illustrated circular and dealer's name.
MUNDIE MFG. COMPANY, 533 Brunner St., Peru, ILL.

The Shorthorn Breeders of Kansas

Shorthorns

Cedar Lawn Farm
Scotch Shorthorns. Divide Matchless in service. 100 head in herd. Stock for sale. Inspection invited.
S. B. AMCOATS, CLAY CENTER, KAN.

EWING STOCK FARMS

Home of Reg. Shorthorns and Percherons for over 30 years. Stock for sale at all times.
FRED H. EWING, GREAT BEND, KAN.

Straight Scotch Shorthorns

The utility type. Son of RODNEY in service. Inspection invited. Young bulls for sale.
C. L. WHITE, ARLINGTON, KAN.

Profitable Registered Shorthorns

Grandson of the undefeated Bapton Corporal in service. Young bulls and heifers for sale. Inspection invited.
FRANK E. LESLIE, STERLING, KAN.

Young Herd Bulls

A choice selection of 1928 Straight Scotch bulls for sale. Nice reds and roans. Expect to be at the fall shows.
Tomson Bros., Wakarusa and Dover, Kan.

Golden Fountain Farm

Offers Shorthorns of all ages. Quality and individuality.
HARRY T. FORBES, AUBURN, KAN.
Phone Dover Exchange

SEVEN DANDY ROAN BULLS

and 1 white. The best bunch I have had for some time. All sired by GRAND MARSHAL. Real herd headers among them. Will also sell the herd bull, keeping his heifers.
S. B. Young, Osborne, Kansas

Maple Heights Farm

Utility Scotch Shorthorns. Best of individual merit. CROWNS HEIR by Marshalls Crown in service.
J. M. NIELSON, MARYSVILLE, KAN.

PINE HEIGHTS FARM

Two miles south of town. Home of select breeding in Shorthorns. Crowns Heir by Marshalls Crown, heads herd.
J. L. MODEN, WATERVILLE, KAN.

Olson Shorthorns

150 head in herd. Best of Scotch and Scotch Topped breeding. Ten young bulls and 10 heifers for sale.
Theo. Olson & Sons, Leonardville, Kan.

See Our Shorthorns

Farm adjoins town. Son of Imp Dramatist in service. Females carry the blood of Matchless Dale, Oakland Sultan and other good sires. Young bulls for sale.
OTTO BROS., RILEY, KAN.

Knox-Knoll-Shorthorns

One of the largest herds of all Scotch Shorthorns in Kansas. Bulls and females always for sale.
S. M. KNOX, HUMBOLDT, KAN.

Young Shorthorn Bulls

Correct type Scotch cattle. Low down and blocky. Much Cumberland blood. Son of Prentice in service. Visitors welcome.
WARREN W. WORKS, HUMBOLDT, KAN.

6 Shorthorn Bulls

for sale. Reds, roans and whites. Sired by our 2200 pound low blocky bull. All Scotch females. See them.
C. H. Shaffer, Monmouth, (Crawford Co.), Kan.

Maxwalton Rodney

Heads our Shorthorns. Heavy beef quality and special attention given to milk production. Young bulls and heifers for sale.
THEO. JAGELS, HEPLER, KAN.

Valley View Shorthorns

Herd established 30 years. Clipper Grandee in service. Young bulls and females for sale.
ADAM H. ANDREW, GIRARD, KAN.

Shorthorn Bulls

For sale, tops offered for breeders. Others go in feeding lot. Oakdale Sultan and Rodney blood.
BERGESON BROS., Leonardville, Kan.

Prospect Park Farm

Has been the home of registered Shorthorns for over 40 years. Best of tried breeding. Stock for sale.
J. H. TAYLOR & SONS, CHAPMAN, KAN.

RED BULL FOR SALE

11 months old, good individual sired by Narisses Dale out of a dam by Imp. Babtons Dramatist. Reasonable price.
W. H. Seyb & Sons, Pretty Prairie, Kan.

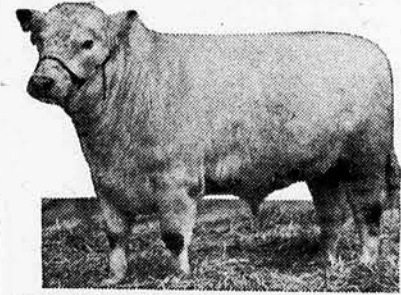
Horned, Polled and Milking Shorthorns Recorded in Same Assn.

Shorthorn cattle are of three kinds, Horned, Polled, and Milking. All have practically the same origin and are recorded in the same association. They originated from beef animals. Many of these animals were exceptional milkers and from them developed the milking type. The Polled branch differ from the horned only in the lack of horns. They have the same ability in beef and milk production as the regular shorthorn. Of course, the milking shorthorns do not have the beef qualities of the beef strains.

During the fair season many of these cattle are shown throughout the state. It presents an opportunity for you to study and learn the type that breeders believe to be the most useful. For years these breeders

have been working toward an ideal. They have made the cattle business a life study and have tried to produce the kind that are useful.

Such are the cattle offered by the advertisers in this group. The inquiries for cattle and the prospect for an abundance of grain and roughage should be most encouraging to everyone interested in the cattle business.—C. E. Aubel, Secy., Kansas Shorthorn Assn.



Gallant Dale, Grand Champion Iowa State Fair, 1926.

Scottish Knight

Son of Scottish Gloster heads our herd cows of Fair Champion and Village Avon blood. Young bulls for sale.
Earle Clemmons, Waldo, (Osborne Co.), Ks.

Bred Cows and Heifers

Sired by or bred to SUPREME GLOSTER, a splendid breeding son of Supreme Senator. Good individuals. Also choice young bull by same sire.
J. H. Kennedy, Perth, (Sumner Co.) Kan.

Good Selection of Bulls

Good individuals and colors. Calves up to serviceable ages. Sired by Maxwalton Lamlash and Supreme Gold. Glad to show them.
McILRATH BROS., KINGMAN, KANSAS

BLOOMERS REG. SHORTHORNS

Oldest herd in the Northwest. Best of Scotch breeding. Recorded Avon in service. Bulls and heifers for sale.
W. A. Bloomer, Bellaire, (Smith Co.), Kan.

Scotch Shorthorns

Choice young bulls for sale, out of selected dams and sired by Royal Emblem.
CHAS. P. HANGEN, Wellington, Kan.

Bluemont Farms, Manhattan

Headed by Sni-A-Bar Baronet, a son of Prentice. Come and see us.
BLUEMONT FARMS, MANHATTAN, KAN.

Milking Shorthorns

BUTTER BOY CLAY

Deep red, 6 mos. old. Sired by Duchess Signet 3d, dam a granddaughter of Glenside Dairy King and Cyrus Clay. Recorded and transferred. First check for \$150 gets him. Leo F. Breeden & Co., Great Bend, Kan.

Retnuh Farms

Milking Shorthorns, Bates and English foundation. Bull calves to serviceable ages \$75 to \$150. Heavy production dams.
WARREN HUNTER, GENESEO, KANSAS

Wyncrest Farm

Milking Shorthorns, good production beef and milk. Herd bull grandson of Kirklevington King.
H. H. COTTON, ST. JOHN, KAN.

WINCHESTER'S DUAL PURPOSE

Shorthorns. Cows have County Cow Testing records up to 62 lbs. of fat per month. Milk without sacrificing the type.
B. E. WINCHESTER, STAFFORD, KAN.

Lord Wild Eves

Red and pure Bates heads our herd, mating with cows of equal bloodlines and heavy production. Nothing for sale now.
C. R. DAY, Pretty Prairie, Kansas

Spring Creek Shorthorns

Oldest herd of Dual Purpose Shorthorns in Central West. Cows milk heavy, carry lots of beef. Red long enough this way to insure transmitting these qualities.
THOS. MURPHY & SONS, CORBIN, KAN.

Teluria Supreme

English bred bull heads our herd. Mating him with daughters of Otis Chieftain. Bull calves for sale.
D. J. SHULER, HUTCHINSON, KAN.

Young Bulls For Sale

Sired by Roan's Chieftain, the best son of Otis Chieftain and out of Roan Duchess. 12,000 lbs. milk in 8 months.
L. H. STRICKLER, NICKERSON, KANSAS

Nebraska Shorthorns

Young Herd Bulls for Sale

out of Marshall Joffre bred dams and sired by Sultans Laird. Also females of all ages.
JOHNSON & AULD, GUIDE ROCK, NEB.

Polled Shorthorns

Mardale 16th. by Mardale

Heads our Polled Shorthorn herd. Choice young bulls for sale sired by Sultan Commander. Wm. Kelley & Son, Lebanon, Kan.

Love & Co. Polls

50 females, best of breeding and type. Master Buttercup in service. Young Bulls.
W. A. LOVE & CO., Partridge, Kan.

Plainview Farm

Registered Polled Shorthorns. Headed by White Leader. Young bulls for sale.
W. G. DAVIS, Haggard, (Gray Co.) Kan.

HANSON'S POLLED SHORTHORNS

Choice breeding and selected type. Good young bulls, reds and roans for sale. Inspection invited.
R. H. HANSON, JAMESTOWN, KAN.

SHEARD'S POLLED SHORTHORNS

Grassland Victor, herd bull, young bulls by Master Galahad for sale now.
D. S. SHEARD, ESBN, KANSAS

Red Ranch Polled Shorthorns

Best of breeding and individuality. Herd established 12 years. Young bulls for sale.
R. L. Taylor & Son, Smith Center, Kan.

Wilsons' Polled Shorthorns

Mardale 16th in service. Bred and open heifers for sale.
T. M. WILSON & SON, Lebanon, Kan.

MILLER'S POLLED SHORTHORNS

75 in herd. Sultan of Anoka blood thru True Sultan, Meadow Sultan and other bulls. Orange Blossom bull in service.
Clyde W. Miller, Mahaska, (Washington Co.) Kan.

Gallant Dale

Grand Champ. Iowa 1926 still heads our herd. Real herd bulls for sale. Also few females.
Ira M. Swihart & Son, Lovewell, Kan.

Pleasant View Farm

Quality Polled Shorthorns. Silver Springs Commander in service. Choice red and roan April and May bulls for sale. Inspection invited. McCrery Bros., Hiawatha, Ks.

Bird's Polled Shorthorns

Our herd bull is a son of Golden Dale and carries the blood of Lord Collynie. Choice young bulls for sale.
Harry C. Bird, Albert, (Barton Co.) Kan.

Shorthorns

Lambertson Shorthorn Farm
Choice bull calves for sale. Reds and roans. Best of Scotch and Scotch Topped breeding.
Lambertson & Lance, Fairview, Kan.

HOMER CREEK FARM

Shorthorns of breeding and quality. Scottish Alderman in service. Young bulls for sale.
Claude Lovett, Neal, (Greenwood Co.), Ks.

Alfalfa Leaf Shorthorns

Premier and Alfalfa Leaf Champ. In Service. Herd pure Scotch, stock for sale.
JOHN REGIER, WHITEWATER, KAN.

Good Scotch Shorthorns

Best of blood lines, own interest in the Brownale, bull PREMIER. Young bulls for sale.
J. E. REGIER, WHITEWATER, KAN.

A.L. Prentice For Sale

Son of Prentice, dam Sni-A-Bar Raglan in his prime and a great breeder of uniform cattle. Keeping his heifers. Priced right.
EDD R. MARKEE, POTWIN, KANSAS

Rose Hill Farm

Solid red Scotch and Scotch Topped Shorthorns. Herd established 30 years. Son of Rodney in service. Young bulls for sale.
W. H. Molyneux & Son, Palmer, (Washington Co.) Kan.

Lucernia Stock Farm

Home of Reg. Shorthorns for 42 years. Inspection invited. Stock for sale.
Joe King & Son, Potwin, (Butler Co.), Ks.

Cedarlawn Stock Farm

Ashbourne Dauntless 151838 son of Ashbourne Supreme in service. Mating with cows of merit, young bulls for sale. Visit our herd.
O. E. R. Schulz, Ellsworth, Kan.

Registered Shorthorn Cows

In calf to SUPREME DUKE. Good individuals for sale, priced right.
FRANK N. FUNK, MARION, KAN.

Beef and Milk Shorthorns

Our kind are profitable for milk as well as beef. Good breeding. Visit us any time.
L. H. ROLLINS & SON, HILL CITY, KAN.

Meadow Park Farm

Home of Reg. Shorthorns for 27 years. Grandson of Brownale Count in service. Best females trace to Gainford champion. Stock for sale.
F. J. Colwell, Glasgow, Kan.

Elmdale Stock Farm

Selected Reg. Shorthorns headed by a great son of Divide Matchless. The utility kind. Bulls and heifers for sale.
A. W. Segerhammar & Sons, Jamestown, Ks.

CONARD STOCK FARM

Registered Shorthorns number 150 headed by Divide Magnet. 20 bulls and 20 females for sale. Just the tops.
Elmer Conard, Timkin, (Rush Co.) Kan.

Anoka Gold Cup

A great son of Maxwalton Raglan and out of Imp. Julia's Lady heads our Reg. Shorthorns. Scotch cows. Young bulls.
R. L. BACH, LARNED, KAN.

ATKINSON SHORTHORNS

75 head in herd. Ashbourne Supreme the only son of Supremacy in service. All Scotch females. Young bulls for sale.
H. D. ATKINSON & SONS, Almenna, Kan.

ASHBOURNE RENOWN

heads our registered Shorthorn herd. His sire was Silvercoat and his dam was by Gainford Renown. Glad to show our stock to interested parties. Vincent Field, Almenna, Ks.

Mulberry Stock Farm

Reg. Shorthorns. 50 Breeding Cows headed by a Gainford bull of great merit. Good individuals and pedigrees. Bulls for sale.
HARRY M. ROBERTS, SELDEN, KAN.

A March Yearling Bull

good individual. Sired by Cumberland Joffre and out of a dam by Cumberland Gift. Good enough to head any herd.
LLOYD MATHES, Smith Center, Kansas

Shorthorns For Sale

Scotch topped and good individuals. The blood of Dales Heir and Gainford Conqueror and Rosedale. Roans and reds. Any part of herd for sale.
E. B. WILLIAMS, ALMENA, KANSAS

about one-tenth less than during the preceding year.

Hog cholera is being kept under reasonable control by the use of the preventive-serum treatment, and in the South tick eradication is progressing steadily. The development of more profitable beef and dairy herds in those Southern states which have been freed of cattle ticks is strengthening public opinion favorable to this work.

In the effort to reduce still further the toll of diseases and pests of livestock the Bureau of Animal Industry is conducting intensive research studies. The Federal scientists are searching particularly for improved means for preventing infectious abortion of cattle, which continues to cause heavy losses.

Our dictionary is funny. It says the dumb can't talk.

LIVESTOCK NEWS

BY J. W. Johnson
Capper Farm Press, Topeka, Kan.



At the annual meeting of the international association of fairs at Chicago last week the dates of the midwest circuit of fairs was announced. The dates of the Kansas State Fair at Hutchinson are Sept. 13 to 20.

Owing to ill health, Dr. M. F. Marks, Valley Falls, Kan., will disperse his entire herd of registered Shorthorn cattle at his farm near there Thursday, Jan. 16. Doctor Marks has engaged Mr. and Mrs. Harry Forbes of Auburn to manage the sale and it is fortunate for Doctor Marks and those who will be the buyers that well known Shorthorn people like Mr. and Mrs. Forbes have consented to look after the dispersal of this large offering of nearly 100 head. The sale catalog is being built now and will be ready for distribution right after the first of the year. If you are interested write to Mr. and Mrs. Forbes, Auburn, Kan., and they will be pleased to send you a copy as soon as it is off the press. Better write at once and be sure of it. The sale will be advertised in Kansas Farmer soon.

The annual Holstein sale held at Wichita during the week of the Kansas National is always called the show sale because it is held

the week of the show, but the cattle are not cattle that are shown for neither are they in show shape but are cattle consigned by Southern Kansas breeders. The sale held this year during the show was very satisfactory and the 53 head sold for a total of \$10,000. The five highest priced cows averaged \$325. The 10 top cows sold for an average of \$235 and 25 cows averaged \$185. The top cow brought \$350 and the top bull \$500. The 15 bulls consigned to the sale averaged \$201.50. The 10 heifers, all under 1 year and several just a few weeks old, averaged \$71. The cattle in the sale went to four states, Kansas, Oklahoma, Missouri and Nebraska. It was the best sale of the season and indicated pretty clearly the popularity of Holsteins and the demand for them. W. H. Mott of Herington was the sale manager.

The recent sale of a farm joining Sumner Hall dairy farm, the well known dairy of W. S. Sheard, Junction City, which Mr. Sheard has been using in connection with his dairy business, makes a reduction sale that amounts almost to a dispersal necessary. The advertisement of the sale appears in this issue of Kansas Farmer only because there was not time to advertise it longer and the sale was necessary before the first of the year. W. H. Mott, who manages the sale, is consigning four young bulls of serviceable ages, one of them out of a 525 pound dam, and O. L. Thisher of Chapman is consigning 10 choice cattle from his herd and the sale is going to be a mighty good place to be if you want good cattle. Twenty of Mr. Sheard's cows, many of them just fresh and others to freshen soon, are in

the sale. They have 1927-1928 C. T. A. records ranging from 300 to 560 pounds of fat and are a very choice lot of high producing cows that would not be for sale under other circumstances. Write to W. H. Mott, Herington, Kan., sale manager, for full particulars about the offering. Sumner Hall joins Junction City on the west and the sale is next Thursday, Dec. 19.

Public Sales of Livestock

Shorthorn Cattle
Jan. 16—M. F. Marks, Valley Falls, Kan. Mr. and Mrs. Harry Forbes sale managers, Auburn, Kan.

Poland China Hogs
Feb. 15—J. H. Brown, Selden, Kan. Salt at Oberlin, Kan.

Holstein Cattle
Dec. 19—W. S. Sheard, Junction City, Kan. W. H. Mott, sale manager, Herington, Kan.

Interested in Drainage?

Farm Drainage, Farmers' Bulletin No. 1,606, just issued, may be obtained free from the Department of Agriculture, Washington, D. C.

Best

MINERAL FEED



JAS. H. MURPHY, Pres.
MURPHY PRODUCTS CO.

Murphy's Mineral Feeds Must Make Money for You or You'll Get Your Money Back

We have spent years to develop the best Mineral Feed that scientific training and practical feeding experience can produce. We know from those years of development and experience that MURPHY'S Feeds will make more money for you. Yet, we don't ask you to take our word for it. We stand ready to PROVE to you on your own livestock, right on your own farm—without your risking a single penny—that Murphy's Feeds will produce BETTER RESULTS at a LOWER COST and make you a BIGGER PROFIT from your livestock than any other feeding method you have ever used.

MURPHY'S

THE ONLY MINERAL FEED WITH
A "MONEY-BACK" GUARANTEE

Just give Murphy's Mineral Feeds a trial—that's all we ask—and if you don't say they are the best Feeds you have ever used—if they don't produce better results than you have ever had before—YOU'LL GET YOUR MONEY BACK. That's the kind of a square deal GUARANTEE we put behind Murphy's Mineral Feeds and it means exactly what it says. That's your GUARANTEE that Murphy's are the BEST Mineral Feeds for you to feed.

Free

Send the coupon today for Jim Murphy's new book "A Sure Way to Bigger Livestock Profits." It tells all about the only Mineral Feeds with a Money Back Guarantee. We'll send you this valuable book FREE and postpaid and we will also tell you about our—

Free Feeder Offer

A special offer we are making for a limited time only, whereby you can get a 200-lb. Self-Feeder without cost if you act quickly. Fill out and mail the coupon at once. It puts you under no obligation whatever.



Why Take Chances? Why Experiment?

The famous Murphy Mineral Feeds cannot be duplicated. Where else can you find a brand of minerals that are good enough to be sold on a positive Guarantee of "Your Money Back If You Are Not Satisfied." You know before you start feeding Murphy's that you will get BETTER RESULTS or your money back. Why guess at results? Feed Murphy's and be on the safe side? Our Guarantee INSURES that you will get a good return on every dollar you invest in Murphy's Feeds. Our salesman will take your order for Murphy's and give you a written GUARANTEE. If you don't know the "Murphy Man" in your locality, write us for his name.

Send the Coupon—Get All the Facts

Whether you are feeding Mineral Feeds or not, send the coupon below and get all the facts about Murphy's. Find out why Murphy's are SAFE to feed—why we use sterilized Bone Meal Flour instead of rock phosphate for their base—how every ounce of Murphy's has food value and is highly digestible. Contains all essential minerals, but no medicines, fillers or indigestible materials.

Find out why they are more palatable, easier and quicker assimilated in the animal's system and hence more effective—how they will help cut your feed costs and overcome most of your feed lot troubles. Every day you put off feeding Murphy's you are losing real profits. If you want to make more money from your livestock and get results that are GUARANTEED send the coupon at once for my FREE Book. It tells all about the Murphy Feeding Method and my "Money-back" Guarantee. I'll also send you complete details on how you can get a fine 200 lb. self feeder without cost—but don't wait—send the coupon today. (3)

MURPHY PRODUCTS COMPANY
Dept. 903 BURLINGTON, WISCONSIN

You'll Get These GUARANTEED RESULTS When You Feed MURPHY'S

- 1—Murphy's Mineral Feeds will help stop the waste of good feed by balancing up your livestock rations so each animal will get the most good out of every pound of feed it eats.
- 2—Murphy's Mineral Feeds will help you cut feed costs way down by making faster gains and cheaper gains on less feed in less time.
- 3—Murphy's Mineral Feeds will develop stronger bones, bigger frames with more stretch and more vitality and produce bigger, stronger, thriftier animals for you.
- 4—Murphy's Mineral Feeds help all the organs of the animal's body to function better. They invariably give your livestock better health and greater resistance against disease.
- 5—Murphy's Mineral Feeds will help you overcome most of your feed lot troubles such as necrotic enteritis, scours, thumps, worms, sterility, nutritional abortion, garget, goitre, and others, caused by unbalanced rations and improper nutrition.
- 6—Murphy's Mineral Feeds will put an end to the worm problem on your farm. Worms can't thrive in stock that is fed Murphy's. No more messy worming, no doctoring, no dosing. You don't have to worm your stock when you feed Murphy's.
- 7—Murphy's Mineral Feeds are safe to feed to pregnant animals, and they insure more vigorous off-spring, bigger litters, huskier pigs, bigger, healthier calves, stronger, sturdier lambs.
- 8—Murphy's Mineral Feeds will give you BETTER RESULTS and BIGGER PROFITS from all livestock. There is no guesswork about it. They are doing it for thousands of others—they will do it for you. We Guarantee it.

There is a special Murphy Mineral Feed for each kind of livestock. They are sold direct from factory to you by our own salesman. The "Murphy Man" in your locality will take your order and give you a written Guarantee of "Satisfaction Guaranteed or Your Money Back." JAMES H. MURPHY, President

Good Men Wanted

Only once in a long while is a money making opportunity like this offered. Selling experience not necessary. We show you how and help you. Farm experience desirable because we sell all our products to farmers. Any man can make good money selling Murphy's because it is the only Mineral Feed with a Money Back Guarantee and Murphy users are big repeat buyers. We can probably place you in your own locality. If you want to find out more about this profitable kind of work—write us at Once.

MURPHY PRODUCTS COMPANY

Dept. 903 Burlington, Wisconsin
Please send me your FREE Book, "A Sure Way to Bigger Live Stock Profits." Also your FREE Feeder Offer and complete details of your "Money Back Guarantee."

Name _____

Town _____

County _____

State _____ R. F. D. _____