

Cop. 2

# Kansas Farmer

and MAIL & BREEZE

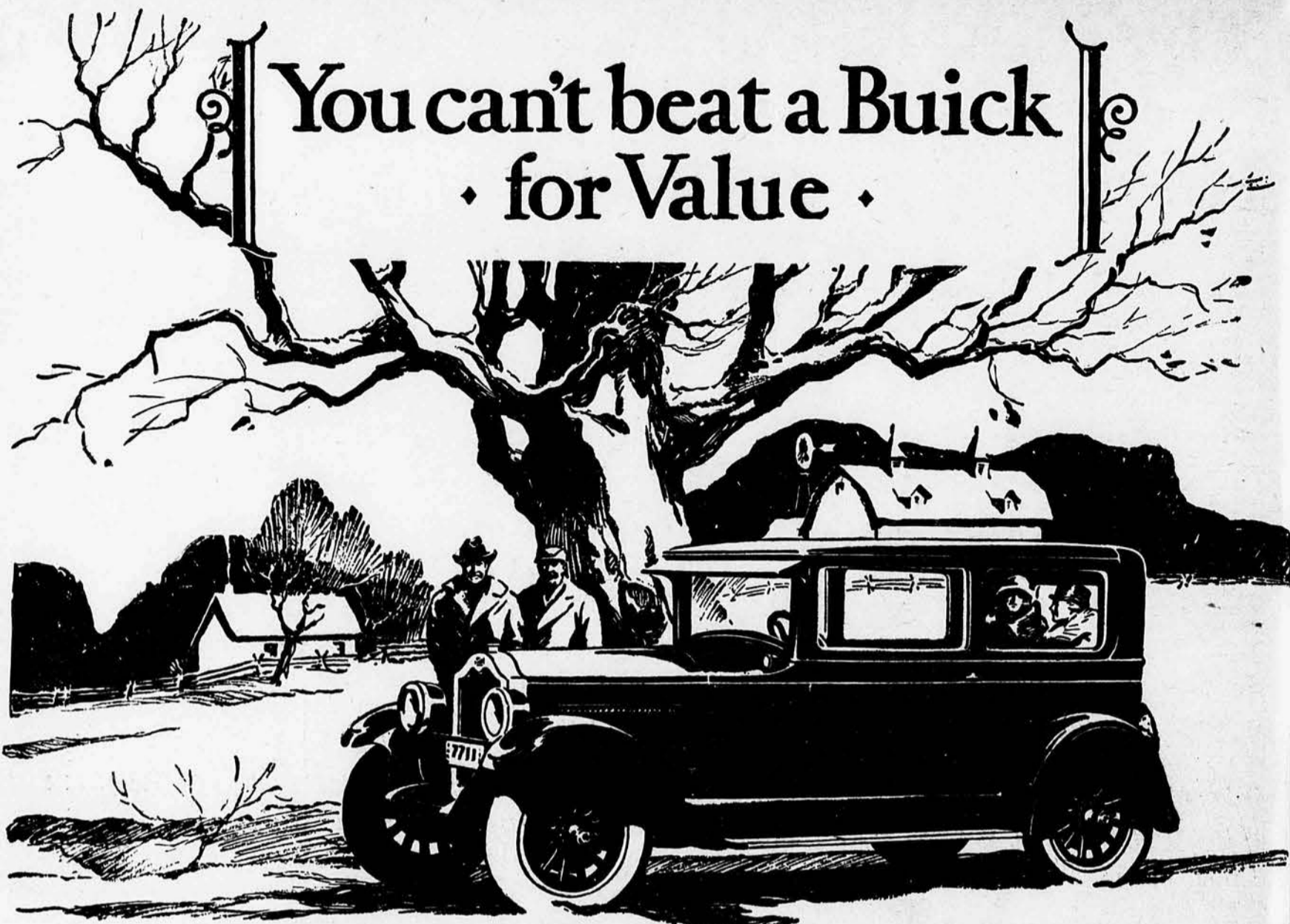
Volume 64

February 6, 1926



Number 6





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## The Better BUICK



# This Farmstead Was Tailored to Fit Meierkord's Needs

By Albert L. Higgins

**H**ENRY J. MEIERKORD needed a new set of farm buildings. Jim Linn, extension dairyman for the Kansas State Agricultural College, had stirred up a plan for scoring dairy farms on the improvements made during 1925. Mr. Meierkord entered this contest with a clean slate. John V. Hepler, Washington county agent, was called to the farm, near Linn, and asked what could be done about a new outfit. John averred he didn't care for ready-to-wear in a case of this kind, and he suggested a tailored job. Walter G. Ward, extension architect for the college, was called for consultation. "Make 'er fit," said Mr. Meierkord, and went back to his job of cashing the Exchange State Bank and secretarying the Washington County Co-operative Creamery. Ward laid out the farmstead and drew plans for the buildings. Fred P. Bradfield, herdsman for Mr. Meierkord's Holsteins, superintended construction.

When the mortar boxes, concrete mixers, loose nails and shavings had been cleared away at the end of nine months here's what remained:

A house of five rooms occupied by the herdsman and his family and equipped with a bathroom, the water being piped into the house from the supply tank. Hot and cold water and a sewer system are provided.

The dairy barn is 36 by 88 feet and 34 feet high. The lower story is built of glazed hollow tile, the upper of frame, and a gambrel roof, covered with asphalt shingles, is provided. The upper story is used for storing mill-feeds and hay. There is capacity for 100 tons. The hay is unloaded by slings,



Buildings are Grouped to Facilitate Chores. At the Right is the Farrowing House, and at the Left Are Quarters For Fattening Porkers.

and the carrier is arranged so it can be handled from either end of the barn. The lower story is used for dairy cows and young calves. There are 24 cow stanchions, two maternity pens, and two calf pens with room for 14 calves. Calf pens are equipped with cement feed troughs, steel stanchions, anti-sucking devices and drinking cups. The feed troughs for the cows are built of cement with steel divisions.

Every cow has an individual drinking cup. The entire floor of the barn is built of concrete, underlaid with hollow tile to keep it dry and warm. The barn is underlaid with a sewer system which carries the water from the milkroom to a cess pool and the liquid manure to a separate pool from which it is pumped into a tank and hauled to the land. A carrier handles the other manure and

dumps it directly into the spreader, which is housed in a shed near the barn. The barn also is equipped with ventilating windows, and a regular ventilating system. This is regulated automatically and keeps the air in the barn always of a dry and even temperature.

In one corner of the barn is the milkroom, which is equipped with a separator, wash tank and can racks. Hot water is furnished by a kerosene heater. There is a granary for the storage of mill feeds as well as a room where the grain ration is mixed. Two large silos are connected to the barn by a feed room, and the silage and grain are brought to the cows by means of a feed carrier running on an overhead track. The ceiling of the barn is covered with ceiling boards for cleanliness and warmth, and the barn is painted inside and out. The barn also is equipped with lightning rods and water spouting.

Another barn 52 by 60 feet is provided for horses and young cattle. It also has room for grain and hay, several stalls for cows, one for the herd sire, and is supplied with water.

## Calf Barn 16 by 32 Feet

Next is a calf barn 16 by 32 feet, which has a double wall and is lined with paper for warmth. It also is equipped with water, and has room for 14 calves. A modern hog house 22 by 42 feet is built of glazed hollow tile with ventilating windows in the roof. It has a concrete floor underlaid with hollow tile and is equipped with a granary, feed room, water supply and 10 individual farrowing pens, with a feedway thru the center. Every pen has an outside run and is underlaid with tile and a concrete floor. For the fattening hogs is an L-shape house, open to the south, with a cement floor underlaid with hollow tile, and equipped with a self-regulating water supply. It is built of concrete and has self-feeders for corn and tankage. On the outside of this is a cement feeding floor connected to a granary, in which is located the grinder room. A grinder of the hammer type prepares corn, oats and other grains as well as alfalfa hay and corn fodder. The workshop is located in this building, also.

Next is the garage and wood house. Then there is a chicken house built of hollow glazed tile, 20 by 40 feet, with a concrete and hollow tile floor. It has a straw loft, is open on the south, with no windows, and is equipped with dropping boards, steel nests and a self-waterer. There is a self-feeder holding six different varieties of feed. The brooder house also is built of glazed tile, and is 10 by 12 feet, with a concrete floor, coal heater and roosts.

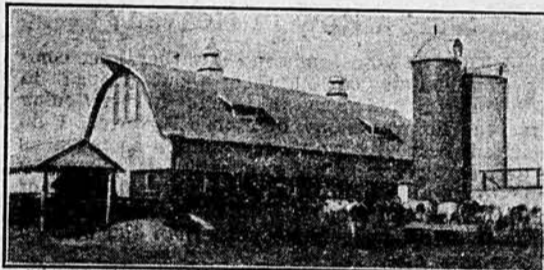
The water system is of the gravity type. The supply tank is of concrete, 8 feet in diameter by 16 feet high, with a 6-inch wall and a cement cover. The pumping is done by a windmill and a gas engine when needed. From this tank the water is supplied to the house, barns, sheds and yards, as well as to the cow pasture across the road. Float valves are used to shut off the water when the tanks are filled. All of the buildings are

wired for electric lights. Plans are underway to build a line out from the city which also will supply several neighbors.

The Meierkord Holstein Farm is 1 mile east of Linn. There are 400 acres, of which 245 acres are in native grass, 205 acres of which are used for pasture and 40 acres for hay. Of the 155 acres under plow, there are 42 acres in alfalfa, used for hay and hog pasture. Twelve acres in Brome grass are used for calf pasture. The rest is corn and oats land. No wheat is raised. The land is well fenced, and steel posts are used principally. The 80-acre tract on which the buildings are located is fenced hog tight and divided into five fields on which alfalfa and Brome grass are grown and used for hog and calf pasture.

The farm stock and equipment consists of six work horses, 65 registered Holstein cows, heifers and calves, 90 head of modern type Poland China hogs and 300 Rose Comb Rhode Island Red chickens. The implements are modern, such as a tractor, truck and two-row tools which save time and labor, and a hammer type feed grinder.

The Holstein herd is under federal supervision and has passed a clean test for the last five years. Recently a shipment of 10 high class cows and a herd sire was received from Dodge county, Wisconsin. These were picked personally by F. P. Bradfield, the herdsman on the farm, and these cows and sire will be used as foundation stock. Early last spring the soil was tested for acidity under the supervision of the county farm bureau, and it was found to be deficient in lime. Some of



Here is Meierkord's Milk Extracting Plant. A Cow Which Wouldn't Produce Abundantly in a Barn Like This Ought to be Abolished.

the fields need as much as 3 tons an acre, and others 2 tons. A field of 15 acres was treated with lime last fall and sown to alfalfa. The seed was inoculated and a good stand was obtained. This field will be watched with a great deal of interest by farmers concerned with raising alfalfa, for it appears that alfalfa is not being grown successfully of late years in Washington county, and it may be found that lime is what the soil needs. More lime will be used on this farm the coming season. It is obtained in Southern Kansas and costs, at Linn, \$1.80 a ton. Hence, the cost is not prohibitive.

Mr. Meierkord is a member of the Washington County Cow Testing Association and the Washington County Farm Bureau.

## Built-in Comforts for Kansas Hens

By Loyal F. Payne

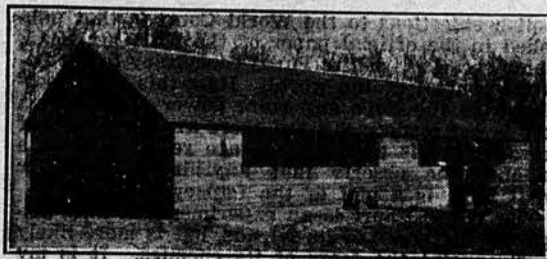
**S**OME of the reasons for the rapid adoption of the Kansas gable roof, strawloft, open front poultry house include economy of construction and winter and summer comfort. A house 20 by 40 feet, which has 800 square feet of floor space, is more economical to build than a house 10 by 80 feet which also has 800 square feet of floor area. The distance around the former house is 120 feet, while the distance around the latter house is 180 feet, or 60 feet greater. The narrow house is a thing of the past. Deep houses with roosts extending entirely along the rear wall keep the birds far enough removed from the front of the house at night so the curtains over the open front need not be closed except in very cold or stormy weather. The walls, which are 6½ feet high, provide adequate head room when the foundation extends a few inches above the floor. At the same time they do not require any more material than a shed roof 5 feet in the rear and 8 feet in front.

The principal feature of this house which makes it comfortable at all seasons is the straw loft. Eight to 10 inches of loose straw is placed on 2-inch poultry netting attached to cross pieces every 2 feet, or on 1 by 4 inch boards spaced 4 inches apart. This straw tends to equalize the temperature in the house at all seasons, and it acts as an absorbent of moisture from the air. The low ceiling reduces the cubic capacity of the house. Therefore the body heat from the fowls is more effective in warming the room during the winter than would be possible in a house with a high ceiling. The cold air which penetrates the roof in winter and the heat from the sun in the summer make the attic above the straw either very cold or very hot, but

openings in both gables provide an escape so a comparatively small amount of either pass downward thru the straw.

The air, which is constantly entering the poultry house thru the open front, percolates upward thru the straw loft gradually and without drafts, taking with it moisture and dust, some of which is left in the straw, and the remainder passes out the gable ends with the air currents which circulate thru the attic. This circulation of air above the straw has a tendency to create forced ventilation thru the house and also to keep the straw dry.

The advantages of a straw loft are even greater in summer than in winter. It is not often that hens freeze to death in Kansas, but it is common for them to die from heat prostration. By provid-



A. L. Bealey Built This 20 by 50 Foot Open-Front Strawloft Poultry House on His Farm in Comanche County

ing a rear ventilator 8 or 10 inches wide entirely across the rear of the building just under the eaves and keeping it open all summer, the summer temperature within the house is greatly reduced. Tests at the Kansas Agricultural Experiment Station showed a temperature 10 degrees lower in a strawloft house than in a shed roof house in mid-summer.

The hen has no sweat glands and she does not void liquid urine, so much of the water she drinks must be eliminated thru the respiratory organs in breathing. Air exhaled from the lungs is heavily charged with moisture. This accounts for the high humidity frequently found in poultry houses when they are filled to capacity and kept closed most of the time. Damp litter and the collection of frost on nails over the roosting poles in the house are indications of an excess of moisture. Chickens, as other animals, suffer more in either extremely cold or hot weather when surrounded by high humidity than when kept in a relatively dry atmosphere.

When glass is used freely to the exclusion of open space in the front of a poultry house it prevents the escape of excess moisture, and glass being a good conductor of both heat and cold operates to the discomfort of poultry in both winter and summer. Anyone can demonstrate, on a cold frosty morning, that it is colder to stand in front of a glass window than to stand in front of an open space covered with light weight muslin or a single layer of burlap, and either of the latter, being porous, are not only more comfortable, but also permit a constant exchange of air which prevents the accumulation of a high percentage of humidity. Glass destroys practically all the disinfecting power (For Continuation Turn to Page 40)

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

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# KANSAS FARMER

Published Weekly at Eighth and Jackson Sts., Topeka, Kan.

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**F. B. NICHOLS, Managing Editor** **T. A. McNEAL, Editor**  
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**SUBSCRIPTION RATES: One dollar a year in Kansas and Colorado.**  
**All other states \$2 a year**

Please address all letters in reference to subscription matters direct to  
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I HAVE just written your boss and told him that I have no use for him, also knocked on the manner in which the World Court has been handled by you and Capper's Weekly and that his canned eloquence has soured." Such are the pleasant introductory words of a five-page letter from E. A. Nichol of Burdett. Mr. Nichol winds up his communication with the following emphatic demand: "I am demanding divorce from the League on the grounds of false pretense and indignity."

While these grounds are not specifically mentioned in our statute as sufficient causes for divorce, I am personally in favor of granting Mr. Nichol's petition. If he has been tricked into a marriage with the League of Nations it is an outrage which should make every citizen of Kansas boil with indignation.

The fact that he has been able to tell the "boss" just what he thinks of him and has expressed his dissatisfaction with my remarks concerning the World Court ought to help him some, but I can see that he will never be happy so long as he is tied up in a hateful matrimonial alliance with the League of Nations.

## Start a Row in Heaven?

A READER who sends me a rather long communication complaining about things in general and several things in particular says that he wants my opinion. However, I do not think he really wants my opinion so much as he desires to express his own, which is, when you come to think about it, a very natural state of mind. If a man has an opinion he generally regards it as of more importance than the opinion of anybody else.

This complaining reader is a rather orthodox believer and church member. I have, however, never known him to be at all satisfied with the way in which the world has been or is being run. No doubt he has considerable ground for dissatisfaction. According to most thinkers there are quite a number of things wrong with the world, and if history is to be relied upon there always have been.

But having known this reader for many years I am wondering how he can ever content himself if he should reach a heaven where there is nothing to complain about. My opinion is that he would try to start trouble just for the sake of breaking the monotony.

## Just Plain Hot Air?

I HAVE a letter from a foreign-born citizen who lives at Holsington. His name is Galloway, but he does not state from what country he migrated. Mr. Galloway is a member of the English Methodist church, and I apprehend is a very reputable citizen.

An evangelist has been preaching there and he has been saying that the reason we have so many criminals is because of foreign immigration. The evangelist made the further statement that "75 per cent of the criminals in our penitentiaries are young men under 22 years old."

Mr. Galloway rather plaintively, it seems to me, asks: "Tell me how large a percentage of the criminals are foreign, and how many are native born."

The average traveling evangelist can distribute more misinformation, considering his opportunities, than any other person I know about. If his statements concerning salvation are no more reliable than his other statements, then God help the sinners who put their trust in him.

I do not have at hand prison statistics covering the whole United States, but I have the last annual report of the Federal Penitentiary at Leavenworth. As this is one of the largest in the country, and as it gathers inmates from all over the country and from all classes of people, its reports may be taken as a fair sample of those from penitentiaries generally. Its prison population probably will represent the average of prison populations. At the close of the fiscal year ending June 30, 1925, there were 3,294 prisoners; of these 570 were of foreign birth, and 2,724 were native born. In other words, instead of the majority being of foreign birth there was a trifle more than 15 per cent, while very nearly 85 per cent were native-born Americans.

At the beginning of that fiscal year the number of foreign-born prisoners was 483, showing an increase of 17 per cent during the year. At the beginning of the year the total number of native born inmates was 2,305, showing an increase during the year of a trifle over 18 per cent.

Now as to the ages: Of the total number, 3,294, 94 were under 20 years old; 1,177 were between 20

# Passing Comment

—By T. A. McNeal

and 30 years; 1,274 were between 30 and 40 years; 491 between 40 and 50; 207 between 50 and 65; and 51 were over 65. Less than 3 per cent were under 20 years old; something over 35 per cent were between 20 and 30, and nearly 39 per cent were between 30 and 40.

Of the prisoners between 20 and 30 years old the report does not state how many are of any particular year, but the fact that a considerably greater number are over 30 than under shows how wild was the statement of this evangelist.

## The New National Anthem

A friend of mine bought a gramophone.  
 For a dollar down and a dollar a week.  
 This is the easiest graft that I have known—  
 This dollar down and a dollar a week.  
 So he bought a chair and a fountain pen,  
 A run-about car and a stove and then,  
 A set of the "Lives of Our Famous Men,"  
 For a dollar down and a dollar a week.

Then he bought two brand new radio sets,  
 For a dollar down and a dollar a week;  
 And a dozen cartons of cigarettes,  
 For a dollar down and a dollar a week.  
 Then he bought a ring that was fair to see  
 For the lily-white hand of his bride-to-be;  
 And after the wedding, the minister's fee  
 Was a dollar down and a dollar a week.

Then he bought a house for his familiee  
 At a dollar down and a dollar a week,  
 And when they got sick, the doctor's fee  
 Was a dollar down and a dollar a week.  
 Then said his wife, "I must be free;  
 These weekly payments are ruining me!"  
 So she got a divorce, and the alimonee  
 Was a dollar down and a dollar a week.

## Why All the Excitement?

THE World Court resolution passed the Senate by a larger vote than was generally anticipated, 76 Senators voting for it and 17 against. As finally adopted the resolution seems to be tamed down almost to the point of innocuousness. I can understand why the advocates of the World Court have considerable ground for complaint, but I cannot see why the opponents have any real ground for objection.

We are not bound to submit any controversy to the court unless it is entirely agreeable to our Government, and only then when we have a treaty with the nation with which we have the controversy providing for the submission. We are at liberty to withdraw from the court whenever it suits us to do so. No question concerning our immigration laws nor any question involving the Monroe doctrine shall be submitted without our consent, and if it is so submitted we are not to be bound by the decision of the court. The court is not to render advisory opinions unless requested by all the nations that are members of the council and assembly of the League of Nations.

In fact, the Senate has made so many reservations that it seems to me even probable that the other nations may say that they are not willing we should come in under such conditions.

Among the fantastic and to my mind utterly foolish objections to the World Court is that published in the official paper of the Ku Klux Klan, which sees in it a dire Papal conspiracy to get political control of the world. How this could possibly give the Pope any more power than he has now is not made clear, but there are thousands of persons in this country who are ready to believe anyone who asserts that anything, no matter what it is, is a plot of the Papacy.

The World Court is an experiment; it may disappoint the hopes of its friends, but is more likely to disappoint the fears of its enemies. It is my guess that it gradually will grow in influence and in the confidence of the nations, and while it is

not an insurance against war it will more and more tend to prevent wars by the settlement of disputes between nations.

## Our State Text Books

THE sixth grade course of study in our schools provides the small 10 or 11-year old child with an advanced arithmetic, the advanced geography, the advanced grammar—new, untried book—a new 400-page United States history, a new Fifth reader and a sixth-grade classic, and in addition to all that, penmanship and spelling.

All well and good perhaps in your graded city or town schools where there is sufficient time for a 20-minute recitation in the rooms where only one or two grades are taught, but how about teaching that many subjects in the sixth grade when the country schools are crowded for time in both the seventh and eighth grades?

I have talked with a number of teachers in the country schools and invariably the criticism comes on the sixth grade classics and history. Both are difficult for the sixth grade comprehension. We must have and we do need the history, so why not eliminate the sixth grade classics?

The history is fine in most respects, but it contains some peculiar questions; one question is, "What caused a Congress?" Mother takes her hands out of the dishwasher and peers over the child's shoulder and reads: "What caused a Congress? Why; why, that's funny; 'What caused a Congress?' Mother looks to see and finds that the Stamp act, Intolerable acts, Boston Tea Party and the like caused the people to meet and organize a Congress. She finds where Washington and Lafayette caught Cornwallis in a trap—the boy asks, "What kind of a trap?" You find that Samuel Adams seized a pen and began to pour hot shot into the Stamp act, also where the British bottled up Effingham in Delaware and where Patrick Henry said; "The next gale that sweeps from the north will bring to our ears the clash of resounding arms," but you do not find what caused a Congress. You impatiently explain that the question is a misfit and means, "Why was it necessary to form a Congress?" and "Who were the great men who called the meetings together and why were they called?"

The sixth grade classics for the third and fourth months require 100 pages. Reciting only twice a week that is an average of seven pages to each lesson. Some of the selections in the sixth grade classics are good, but how about others?

Notice "Jason and His Fleece" and "Prince Hassack's March." Are they fitted to sixth grade work?

How many of us know who and what are the following: Pelias, Poseidon, Media, Erinyes, King Aetas, Ares, Prometheus or Theseus? These are all in the sixth grade classics, with many more, and the pupils must pass bi-monthly examinations on them. At 11 years old why does John need to know about phantoms or Circe, or an enchantress who plants serpents' teeth and produces an ointment to rub on swords with which to kill people? Should not little children study lessons more kind, more simple and childlike?

Wouldn't Susie and John be wiser and better educated if they put in more time on history with stories of Nathan Hale or Nathaniel Green than to spend their time reading such sentences as this: "The venomous monster's mountain head was hauled above the waves"—from "The Serpent and the Kettle"; or this from the "Binding of Fenrir," "Thor thrust his sword into the mouth of Fenrir and a foaming dark flood burst forth and roared on the rock."

## Returned in 900 Years

WHAT little child can possibly enjoy "How Thor went to Jotunheim?" And here's another: "The Swan Children of Lir." A cruel stepmother took her husband's children away and turned them into swans with human voices. In the winter the swans are frozen into the ice, and the feathers and skin are all pulled off, leaving them bruised and sore. The stepmother was turned into a demon of the air. After 900 years were passed the swans went back home and all was changed, and they died singing their swan song, but the demon of the air lived on and is now a bat. Is it any wonder we have nervous children today?

So much for the classics; now in the Fifth reader we have a selection called "The Procrustian Bed." The theme runs something like this; Theseus was traveling and came to a road that led straight along. On the side of this road stood a flashily dressed man wearing a glittering diamond ring.

He persuaded Theseus to go home with him to sleep on his famous Procrustian bed. Theseus started but on the way met an old man carrying a burden. The young man's attention was attracted to other travelers, and the old man told Theseus not to go to the house of the Procrustian bed. The old man said that he was the only one who had ever really fitted the bed, and that he was only a slave of the man with the ring. Only the night before a man and his wife came there to sleep on the bed. The man's hands and feet were cut off so that he would fit the bed, and the woman's arms and limbs were stretched to fit it until she died from the torture. Theseus then killed the owner of the bed.

What a horrible tale to tell little children. It is a crime to teach little children such stories. We should have only such stories in our readers that the children can read and afterward enjoy thinking about them.

Because someone originated classics in our schools I have always thought they should be taught; classics in reading and music seemed to mean something excellent whether they were enjoyable or not. The very word classics seemed synonymous with high attainment in scholarship. Perhaps so, but knowing the country schools so well and the crowded condition of our country school programs, I will venture to suggest that some of our great educators and some of our Kansas educational leaders give some thought to our text-book question, both as to quality and quantity and eliminate the fifth, sixth and seventh grade classics from our overcrowded country schools.

Let us select the best good literature for our sixth and seventh grades and put the eighth grade classics only in our schools. In raising this question I realize I may be touching several people "on the raw," but should not we parents have something to say as to what our children should study? Oh, course of study! What crimes against little children are committed in thy name!

Winkler, Kan.

Mrs. Charles C. Sweet.

Mrs. Sweet probably does not know that after this school year not only our present readers but the sixth, seventh and eighth grade classics will be supplanted by a new series of readers.

### Truthful James on Whales!

WHEN Bill Wilkerson finished his story about his experiences in Death Valley and the petrified forest, I simply remarked that on account of our long friendship his statements went with me but that I would warn him against makin' them promiscuously and generally. "But just lettin' that pass, Bill," I said, "I think you told me that you once shipped on a whalin' vessel; did you hev any adventures worth mentionin' on the voyage?"

"Well, James," said Bill, as he bit off a fresh chew, "I don't know whether you could say that they were worth mentionin', but I will say that if old Jonar had been along with me he never agin would hev done any blowin' round about reposin' fur three days in the stomach of that whale. We wuz cruisin' round in Baffin's Bay when one mornin' the feller on the lookout called out, 'There she blows.' That meant that he had sighted a whale. Immegitly everybody wuz called to git out the boats and harpoons and tackle and go after that whale.

"I wuz in the first boat and we hedn't got more than a quarter of a mile from the ship 'til we see the back of that whale not more than a couple of hundred yards away. You may hev read, James, of large whales that measured 80 feet from snout to the end of the tail, but them wuz no more than

minners compared with that whale. When the bo's'n in charge of our boat saw it he says, 'Fellers that ain't no whale; that is a island.' That whale, James, wuz not less than 250 feet long and not less than 50 feet wide. Old whalers said that nuthin' to compare with it had ever been sighted within their recollection nor by anybody else so far as any record showed.

"Most of the boat crew wuz fur turnin' back and not tacklin' it; they said it would be useless to sink a harpoon into a whale of that size; he wouldn't pay no attention to it except to get annoyed and smash our boat. The bo's'n took a look at the back of the whale and then says: 'Is there any man here who ain't afraid to throw the harpoon into that there monster?' I says, says I, 'I will throw 'er if you give me a chanst.' So the bo's'n handed me the harpoon and when we got



Last Week at Topeka

within 50 yards I let 'er go. The harpoon sunk to the hilt in the side of that whale. It seemed to surprise him considerable and he looked round to see where it cum from and then give a loud beller and turned on our boat.

"The next thing we knowed we wuz up in the air and every feller fur himself. I passed the bo's'n at the height of 110 feet; he wuz comin' down while I wuz still goin' up. The only remark he made as we passed wuz this: 'William, this here is sure hell and repeat.' I said, 'Bos'n, I kin see where you are right.' That wuz the last words I hed with him fur several months. The men on the ship saw the fix we wuz in and sent out a boat to rescue us. They picked up all our crew except me. When I cum down I lit fair on the back of that whale right by the place where the harpoon hed gone in, and grabbed the line that wuz still attached to the harpoon. Just then the whale took a notion to dive. I sez to myself as we went down, 'William Wilkins, Esq., this is where you will hev to hold your breath fur a considerable time if you expect to see your friends agin.' Well, we went down a distance that I estimated as considerable more than 300 miles and hit bottom; then we commenced to rise. I hed been holdin' my

breath fur somethin' over 10 minutes and said to myself that I sure must hev air soon. When we come to the top finally, I looked at my watch and found that we hed been under water 20 minutes. I will say to you, James, that I never wuz so glad to git a breath of fresh air in my life. I looked round fur the ship but it wuz nowhere in sight. We hed come up some 10 miles from the place we went down. There I wuz, James, out in the middle of the ocean on the back of a whale which wuz liable to take a notion to dive again any minute.

"Then a happy thought come to me. I decided to make friends with that whale and guide it into some port. I didn't know much about the nature of whales, but I said to myself, 'the first thing to do is to relieve it from the harpoon stickin' in its vitals and givin' it considerable pain.' So I grabbed the end of the harpoon with both hands and after pullin' a spell I got it out. You needn't tell me that whales don't hev any intelligence or gratitude. When that whale felt that harpoon cum out he turned his head and looked at me with tears of gratitude in his eyes as much as to say: 'William, you sure hev done me a great favor.' Then I crawled forward and commenced to pat the whale on the head and scratch it. That made a great hit with it and I made up my mind that me and that whale would be friends and that if I could git a course and make the whale understand he would carry me to safety.

"I happened to hev a pocket compass with me and takin' a reckonin' from the sun I decided that I would steer south with the idee of hittin' the Sandwich Islands. So I give the whale the direction and we commenced what probably wuz the most remarkable voyage ever taken by any man. It wuz 3,000 miles from where I wuz to them islands and the whale's reglar swimmin' average wuz 50 miles an hour. Fur 60 hours that whale swam steady with me a lyin' on his back and steerin' him with the pressure of my hands when he got a bit off his course. Fortunately I hed a few sea biscuits in my pocket and a bottle of water—don't know how I happened to put them in my pockets but they sure cum handy. At the end of two days and a half we cum into port and I jumped off that whale's back and stood on the shore."

"There wuz a number of men standin' round when I landed, and seen' the whale, they wuz fur killin' it to onct, but I said to 'em: 'Stand back, gents. That is my private whale and I will run this here harpoon thru the gizzard of the first son-of-a-gun who undertakes to harm my property. That whale hes saved my life, gents, and I'm a goin' to save his.' 'Old boy,' I said to the whale, 'you go free.' I could see tears in the eyes of that whale as he turned away and I wuz considerable moved myself. I never seed the whale afterward."

When Bill finished his tale I didn't say nuthin' fur a spell but finally remarked: "Bill, you are right. Jonah didn't hev nuthin' on you."

### Better Not Haul It Away

If a renter has a farm rented and decides to buy a farm and not stay on the place he has rented for another year, could he haul the manure from his dairy herd to the farm he has bought when there was not any contract made to keep all the manure on the rented farm?

The manure belongs to the place and the renter would not have the right to haul it away.

### Trapping on the Home Farm

Is it lawful to hunt and trap on your own farm without a license? Can you make use of the fur?

Yes.

## Good Time to Get Out of Debt

NEVER has there been a time, at this book-balancing season of the year, when so many people in the United States were in debt as now. In this year of 1926, I believe, we have all former times and all other peoples beaten in this particular.

This country with its highly developed credit systems, I fear, is making it too easy for Americans to live beyond their means; while selling, which has become a science with us, is hourly tempting them to this excess.

I have seen statistics, from everywhere, to the effect that 15 per cent of the people of the United States buy for cash, 25 per cent for credit—the ordinary 30-day kind—and 60 per cent on the installment plan.

These figures were gathered before buying on installments had reached its present proportions. Buying on time must have increased since rather than diminished, altho it seems hard to believe that more than 85 per cent of the people of this country are on somebody's books today for necessities or luxuries.

There has been a great deal of "forced selling." Perhaps I can better illustrate what I mean by quoting a placard I read in a street car the other day. It read, "You can buy a Blank motor car for 10 cents"—meaning 10 cents down and the rest in monthly installments.

Similar placards meet the eye in cities, wherever you go, in regard to pianos and houses and lots. What it amounts to is living on borrowed money, which not only is a risky way to live, but buying on long time usually is an expensive way to buy.

It is a sort of inflation. It can hardly be healthy. There is bound to be a reckoning some time.

We must admit Americans are clever with credit. The United States has the most wonderful credit machinery in the world, born of the business genius of the people. But even credit can exist only when people generally and regularly pay their bills, and that is a little matter which calls for cash.

Instances have been reported in the newspapers of men on salaries getting so far into debt on the installment plan that they exceeded their wages. And several of the big labor organizations have been warning their members to avoid this—so easy is it when folks have credit thrust upon them to live beyond their means.

The same thing applies to a lot of speculative investing that has ranged from stock gambling on margins to options on almost everything else. Only those who can afford to lose what they invest can afford to take big chances on the prospect of making big gains or losing what they put in, but the booming stock market indicates a horde of little fellows must be in the game. Somebody is going to get his fingers burned sure.

There never was a finer time to get out of debt or keep out of debt, it seems to me.

Every farmer knows that when a certain kind of livestock is so low in price or pays so little that everybody wants to sell instead of buy, it is the time to get in on the "ground floor" with that kind of livestock—for the country, as a whole, will soon be sold short and prices will go up.

That principle works pretty well in almost every line of business, from bargain days in clothing to buying the belongings or the home of the man obliged by circumstances to offer big inducements, or to sell at a sacrifice.

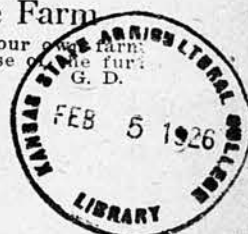
This is a worldly sort of wisdom to be sure, but that is what careful buying or selling amounts to. Accordingly, when everybody is going in debt that is the time to get out of debt, or to keep out of debt.

There are, of course, exceptions to all rules. Frequently it pays to go in debt for a home, especially if this leads to adopting a regular system of saving in order to make the payments. That sort of debt-making amounts to thrift, and helps people to get ahead in the world, young people especially.

When the crowd is moving in one direction it is often safer to go the other way. This applies to going into debt as well as to going into other things. If you do that and bargain time comes later, as it always does for the man who keeps himself financially ready to take advantage of his opportunities, you will, I am sure, have more reasons to shake hands with yourself than will the man who buys when everybody else is buying and goes into debt for it at that.

Arthur Capper

Washington, D. C.

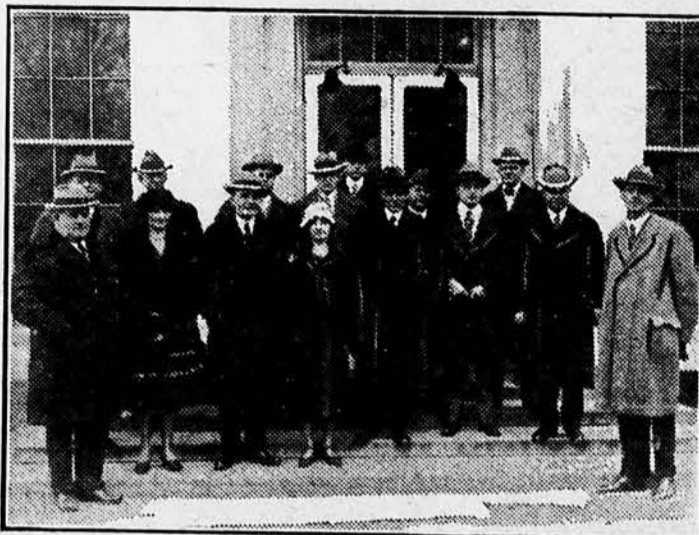




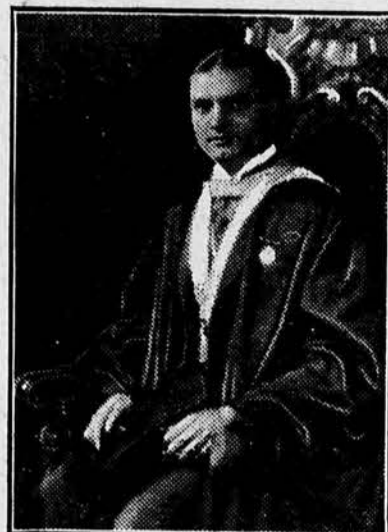
## World Events in Pictures



Harold F. McCormick and His Temperamental Wife, Ganna Walska. Photo Was Taken Just Before Ganna Sailed for Paris, Where She Again Will Attempt to Win Favor of Music Critics



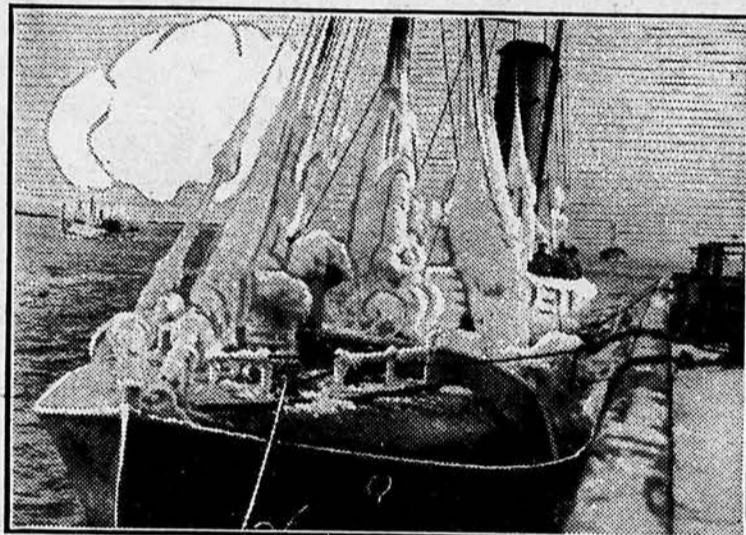
Editors of Agricultural Periodicals from All Parts of U. S. Conferred with Secretary of Agriculture Jardine on Agricultural Problems, Being Introduced by Senator Capper of Kansas, Himself a Publisher of Several Farm Journals. From Left, Secretary Jardine is Third in Front Row; Fifth, Senator Capper; Seventh, F. B. Nichols, Managing Editor of Capper Farm Papers



Jal Dastur C. Pavry, Ph. D., 26, Who Left New York Recently for Bombay, India, to Become High Priest of Parsees, India's Most Cultured Natives. He Was Student at Columbia University



President Coolidge Sent a Wreath to Be Placed on the Tomb of Benjamin Franklin in Connection with Exercises Held in Philadelphia, January 17. Photo Shows a Group at the Exercises Which Includes Lieut. Comm. F. B. Huntington, U. S. N. R., Honorary Life Member of the Poor Richard Club and Great-Great-Great-Grandson of Franklin



Winter Paints on Sea as Well as on Land. Evidence Can Be Seen When the Trawlers of Northern Ports Return Glistening with Ice, Their Lines and Decks Touched by the Icy Finger of King Winter. The Steam Trawler Pictured Here Had Just Tied up at a Boston Dock After a Hard Battle With Wintry Seas



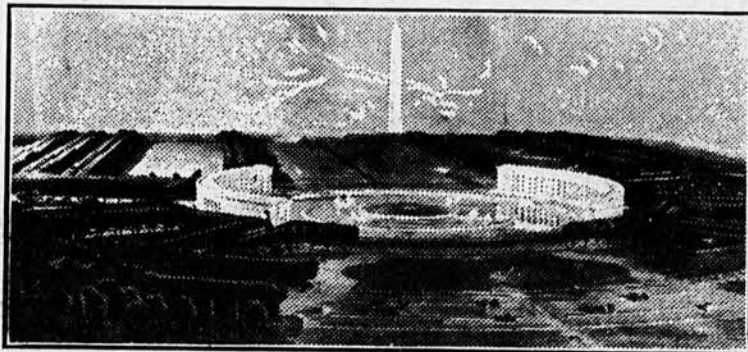
Judge Kenesaw Mountain Landis, Commissioner of Baseball, Shown Making Speech January 15, When He Dedicated William Wrigley's New Million Dollar Baseball Park in Los Angeles, Calif., to Soldiers from Ranks of Baseball Who Made Supreme Sacrifice



Bust of Cardinal Mercier, Famous Belgian Prelate, Who Died Recently in Brussels. The Bust Was Executed by Onorio Ruotolo, of New York City



Mellie Dunham, Famous Ford Fiddler, Will Have a Surprise When He Returns to Norway, Me., After His Theatrical Engagements. On the Ridge Pole of His Cottage Will Be Mounted This Huge Fiddle, Carved by Friends. It is 6 Feet Long



Model of Prize Winning Roosevelt Memorial Design, Executed by J. R. Pope. At the Center of the Island of White Granite, Set in a Circular Body of Water, Flanked by Majestic Colonnades, a Shaft of Water Will Rise 200 Feet in the Air. From the Fountain Base Symbolical Ships Carry Messages of Roosevelt to Four Corners of the Compass



This Motorcycle Sidecar in Reality is a Detachable Boat, Which Will Hold Two Persons. It Was Exhibited at the 12th Annual Motorcycle Show, Madison Square Garden, New York City. Laverne Lambert and Agnes O'Laughlin are Shown Testing It for Comfort, While Jack Neis is Driving

# Crow Has Discovered a Use for Scrub Cows

**T**HE scrub cow, berated and scorned, cursed and condemned, still lives. Efforts to rid Kansas barnlots and pastures of her presence have made little progress because her owner loves her so. She ought to be abolished. There's no excuse for her, but she continues to thrive on her possessor's wallet.

If it is impossible to eliminate the critter, then maybe some use can be made of her. W. R. Crow, Reno county, offers the following information on his efforts to transform a scrub cow.

"I bred a red scrub cow to a purebred Holstein bull. After producing 4,222 pounds of milk, containing 152 pounds of fat in 34 weeks she quit milking despite all the coaxing I could do and all the feed she could desire.

"When her calf came into production she produced 18,886 pounds of milk containing 567.75 pounds of fat in 41 weeks, or nearly five times as much milk and 3.7 times as much fat as her dam.

The daughter was bred to a purebred Holstein bull and the granddaughter, three-fourths pure Holstein, produced, as a senior 3-year-old, 13,525 pounds of milk containing 455.23 pounds of fat in 10 months. Her production of milk was 3.23 times and her fat 2.96 times as much as that of her granddam.

"The daughter of this third cross as a senior yearling has produced in four months, 4,584 pounds of milk containing 3.3 per cent of butterfat test. In the four months she has given 362 pounds more milk than her fully matured great granddam did in her entire lactation period of eight months. I have a heifer 4½ months old out of this third cross cow."

It is possible to remake a scrub in this way, but the greatest difficulty lies in getting the owner of scrub cows to use a purebred bull. He is almost as much in love with the scrub bull as he is with the scrub cow.

## Kansas and the Nye Case

**A**POINT brought out in the Constitutional debate in the Senate over the seating of Senator Nye of North Dakota is that 41 states by legislation since 1913, when the Constitution was amended, to provide for popular election of Senators, have empowered the governor to fill a Senatorial vacancy temporarily, five states have passed legislation forbidding such appointment by the governor—these being Maine, Vermont, Rhode Island, Florida and Wisconsin—and two states have ignored the question, taking no action. One of these two is North Dakota and the other is Kansas. In view of the extensive debate over the admission of Nye, the Kansas legislature would do well to settle the question, so far as this state is concerned, either by giving the governor power to fill a Senatorial vacancy temporarily, or until the regular time of election, or refusing such power to him. The question was not settled by the seating of Nye by the Senate, in the absence of affirmative legislation in North Dakota authorizing the governor to appoint.

Whether the legislature should give such power to the governor is another question, and there are two sides to it. Five states have positively denied the power to the governor, altho 41 have granted it. The legislatures that have granted it have done so merely to save the expense of a special election

for a temporary vacancy, while those that have refused it have undoubtedly done so because the temporary appointment gives the favorite of a governor a usually decisive advantage as a Senatorial candidate, and to that extent nullifies the purpose of the 17th Amendment, the object of which was to insure popular choice of United States Senators. The Kansas legislature next winter should settle the matter in one way or another for this state.

## They'll Build Good Roads?

**T**HE Associated Counties of Southeastern Kansas was organized recently at Chanute by a meeting of officials of the 17 counties comprising the fourth division of the Kansas Highway Department.

Walter H. Chappell of Chanute, Neosho county commissioner, was elected president; E. J. Ed-



At the Left is the Original Scrub Cow, Her Daughter, Granddaughter, Great Granddaughter and Great Great Granddaughter. W. R. Crow, Who Made the Breeding Test, Stands at the Left; E. E. Brown, Missouri Pacific Agent at Hutchinson; Josephine and Katherine Crow, Calf Club Members

mondson, Fort Scott, Bourbon county commissioner, first vice president; L. D. Kelley, Independence, clerk of the Montgomery county district court, second vice president; Ray Hardin, Girard, county clerk of Crawford county, secretary, and A. R. Stroup, Iola, Allen county engineer, treasurer.

The purpose is co-operation in road work. Meetings will be held quarterly on the second Tuesday in January, April, July and October.

The state highway department was represented by W. L. Dyatt, assistant engineer; W. T. Hole, maintenance engineer, and C. A. Wilkin of Independence, a member of the commission.

The counties included in the association are Allen, Anderson, Bourbon, Chautauqua, Cherokee, Coffey, Crawford, Elk, Franklin, Greenwood, Labette, Linn, Miami, Montgomery, Neosho, Wilson and Woodson.

## Funded Philanthropy

**F**EDERAL taxpayers in 1924 claimed exemption on charitable contributions amounting to \$528,441,698, according to preliminary figures compiled by the Federal Income Tax Unit.

This is only a part of the picture of American philanthropic enterprise. The Civic Development Department of the Chamber of Commerce of the United States finds that 30 out of 70 philanthropic foundations established by business men have endowments totalling 700 million dollars. The Rockefeller Foundation, with an endowment of 165 million dollars, heads the list, and the General Education Board, another Rockefeller institution, comes second with an endowment of \$129,397,000.

There are three or more foundations in each of the following fields: Charitable rehabilitation and

relief; advancement of education; improvement of public health; betterment of condition of children; loans for students and the needy; support of music and musicians and negro education and welfare. There are besides, according to the latest reports, 55 community foundations in as many American cities, some with trust funds exceeding 1 million dollars.

Finally, there are the community chests, of which there were 223 in 1924. In that year 166 cities reported that they had raised 45,560,142 for the support of local welfare agencies.

## The World Goes to Market

**T**HE new year sees much of the economic apathy with which a large portion of the world was afflicted after the war passing, if the export trade of the United States may be taken as typical.

"Every continent except Asia," says the Department of Foreign Commerce of the Chamber of Commerce of the United States, in its review of Our World Trade, "increased its purchases of American goods during the first three quarters of 1925, with gains ranging from 8.7 per cent for North America to 29.9 per cent for South America. While exports to Asia were off 13.2 per cent, this is a better showing than the 20.7 per cent loss at the end of June

and the 25.1 per cent loss at the end of March; in other words the Asiatic demand is on the mend.

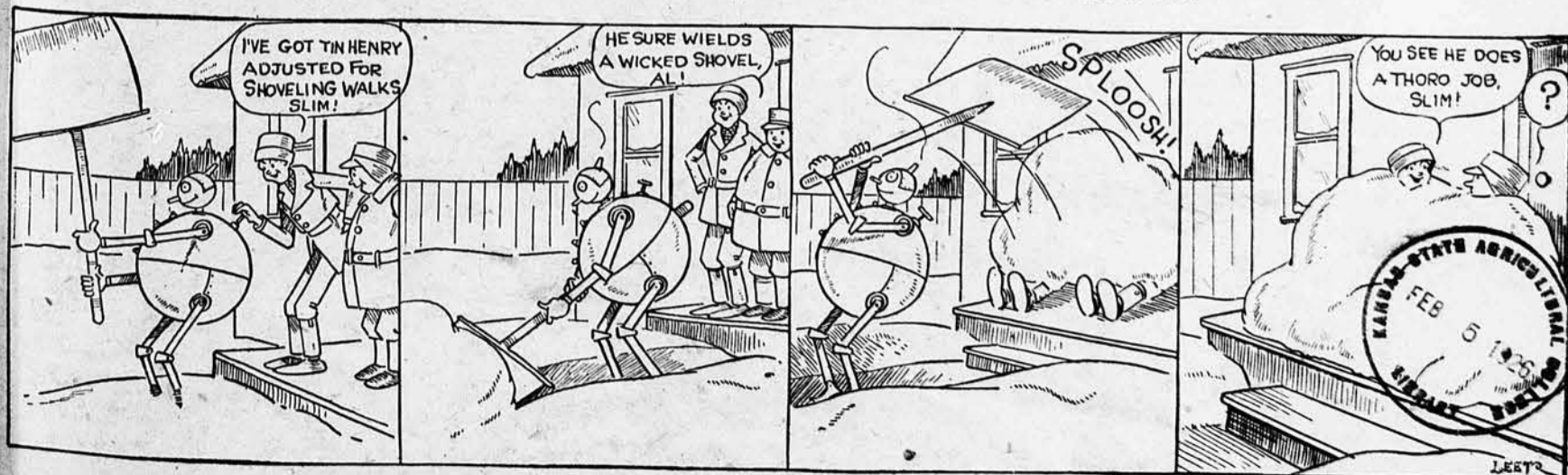
"Only four out of 26 customers whose American purchases amounted to more than 20 million dollars each bought less from us during the first three quarters of 1925 than for the same period of 1924. They were France, Cuba, Japan and China. Sixty-three of 76 principal markets made increased purchases. Some of the more noteworthy increases were Great Britain, 85 million dollars, or 14 per cent; Canada, 45 million, or 10 per cent; Germany, 57 million, or 20 per

cent; Italy, 35 million, or 30 per cent; Argentina, 23 million, or 28 per cent; Brazil, 20 million, or 45 per cent; Russia, 22 million or 60 per cent; Denmark, 12 million or 42 per cent; Colombia, 10 million, or 52 per cent, and Norway, 6 million, or 42 per cent. There were no severe declines among the leaders, other than Japan with a loss of 26 million or 16 per cent, and China, 24 million, or 23 per cent."

## Rail Business Picks Up

**F**REIGHT business in prospect for the railroads promises to be good during the first half of this year, and with large crops will continue to increase during the entire year. This summarizes opinions expressed by presidents of the most important systems to the Railway Age. Some doubt is expressed as to the ability of the roads to handle the business. L. F. Loree, president of the Delaware and Hudson and chairman of the Kansas City Southern board, stated that the margin of capacity had about been reached on lines of heavier traffic, while J. M. Davis, president of the Delaware, Lackawanna and Western, believes terminals at important industrial centers will need enlargement.

For the most part officials believe the roads will be equipped to handle the increased business. Large expenditures for equipment will be made again this year. Such expenditures in recent years have run into large sums. In 1923 the Class 1 railroads spent 1,060 million dollars, about 875 million dollars in 1924 and 775 million in 1925. According to information available now, approximately 380 million dollars already has been appropriated by 52 per cent of the mileage for equipment in 1926.



The Activities of Al Acres—Tin Henry Finds a New Use for Himself



### The Hood Red Tread Boot

Here is good wear at a moderate price. The red strip in the tread is more than a mark of identification—it is a tough, red rubber reinforcement placed where the extra wear comes. Upper and sole of the Red Tread Boot give full dollar for dollar wear. It is a sound investment, second only to the popular Hood Red Boot.

## Long and Shorts

Long Wear at Short Prices is the whole story of Hood Footwear.

Long experience in the selection of the proper materials—and the extreme care of the skilled workmen who take great pride in the Hood trade-mark is a guarantee that all Hood Rubber Footwear will give long, hard service—will fit comfortably and look well. Hoods are made for men and women, boys and girls.



**ARCTICS**—Hood Arctics are made in many styles and kinds—with rubber tops or cloth tops. With one, three or four buckles. Also laced instead of buckles. Kattle Kings have an all red rubber top—four buckles, fleece lined and extra quality throughout. Easily cleaned and keep the feet warm and dry. Hood Arctics can be had for men, women or children.

**RUBBER SHOES**—Hood's long experience in manufacturing Rubber Footwear enables them to offer the highest quality and longest service at reasonable prices. Hood White Rock Rubbers come in any style that any member of the family can want and they are most economical because they combine extra heavy construction with good looks.

# HOOD

## Rubber Footwear

BETTER RUBBER PRODUCTS SINCE 1896

Rubber Footwear - Canvas Footwear - Rubber Heels and Soles - Pneumatic and Solid Tires - Rubber Specialties

## Peach Buds Are Still Safe?

Is it Possible That Kansas Will be Lucky With Fruit Again This Winter?

BY HARLEY HATCH

IT HAS been a week of snug winter. No point lower than zero was reached, however, and we had no snow. If we can get along for the next three weeks with nothing worse than that, we may feel assured that the peaches have weathered the winter and will not face another danger until blooming time next spring. When peach buds go into winter well ripened they can stand 15 degrees below zero before being killed; I scarcely believe they will be called upon to stand anything quite so severe this winter. Wheat is making very little showing; in my trip to Kansas City last week I did not see a single field along the way which showed green, but the wheat is there and alive, and if we have nothing worse than we have had it will be on hand to start with the first warm days of spring. Corn does not advance in price but hogs do, which is contrary to what most farmers, myself included, believed would take place. I thought hogs would be held back and made heavy on this cheap corn, but so far the heavy ones are not making any showing of an increase.

### Corn Costs 50 Cents?

I am in receipt of a letter from a friend at Oakhill, in which he says that in setting the cost of raising corn at 40 cents a bushel I have set it too low. He is right; that figure was arrived at too hurriedly, and in my testimony before the Interstate Commerce Commission at Kansas City last week I gave the average cost of raising corn here for a term of years as \$12.50 an acre, with an average yield of 25 bushels, which would make the bushel cost 50 cents. This figure was arrived at by the consultation with many farmers here and by taking our own experience. My acre cost is \$12.50; that which my Oakhill friend gives is \$14.55, which is virtually \$2 an acre more than my figure. This is covered largely by the difference in value of land on which the corn is grown; the Oakhill land is valued at \$80, and interest on that was figured at 6 per cent. I figured our land at \$50, with interest at 5 per cent, as money can now be borrowed here on good farms at that rate. There will always be a difference of opinion as to what to charge up to corn costs, how much machinery depreciation and how much building depreciation and how much for loss of soil fertility. In setting acre costs at \$12.50 for corn the railroad attorneys at the rate hearing seemed to think I had it high, and they questioned me rather closely along that line.

### He'd Shelter Poultry

A letter from a Fredonia friend says that the writer is building four poultry houses and would like to know the best material to use for roofing, the roofs having very little slant and for that reason shingles not being advisable. Leaving shingles out of it, there are just two other materials to consider, prepared roofing and galvanized metal. Galvanized metal lasts longer than any other form of roofing that can be bought at a reasonable rate, is fireproof, lightning proof and hail proof. It has one bad feature; in cold weather any moisture in the house will rise to the roof, congeal there and later fall on the stock or poultry which live in the house. Heavy slate surfaced roofing laid over a solid back makes a good roof for 12 to 15 years if children do not use it for a playground. It is nearly fireproof and is warmer than a metal roof. Metal roofing costs about \$6 a hundred square feet; prepared roofing costs about \$2.50 a square and the backing under it will cost \$4.50 a square, making the metal cheaper at first cost and much cheaper when we consider the life of the roof. As I said, the moisture fall from the metal

### This Man Wants Work

I have received a letter from Sedgwick county in which the writer states he would like permanent work on some farm with a house provided in which he can live. He is the owner of a farm on which were two mortgages; to save the farm and take up the second mortgage he has sold his stock and tools and has rented the land and would like to find farm work where he can earn reasonable wages for several years. If any of my readers would like to hire a hand under those conditions, write a letter to him stating what you have, put it in a stamped envelope and forward it to me and I will address it and send it on to the applicant. Evidently this man feels that he can do better by himself and family and come nearer paying off his first mortgage by working for others than he can by working his own farm. And he probably can, if conditions remain during the next five years as they have during the last five. A man with a family living in a house on the farm where he works is likely to prove more dependable than a footloose young fellow who can move on at a moment's notice. A man of mature age may not be able to pitch quite so much hay in an hour as a young man but he is likely to be more careful and a better hand with stock and machinery.

### \$1,066 For 103 Trees

The commissioners of Coffey county have just sold to a local buyer 103 walnut trees for which the county is to receive \$1,066. These trees are growing on a 12-acre timber lot on the county farm along the Neosho River just north of Burlington. This is the second lot of trees that have been sold off this 12-acre lot to the same buyer, both together bringing \$2,700. There is a very large number of young walnuts still growing on the 12 acres. Trees like that are worth selling; the price received justifies their sale. About two years ago this county was combed for walnut timber, and many farmers along the creeks sold trees so small that, when final settlement was made, the proceeds little more than paid for clearing up the litter the tree cutters left behind. One neighbor who sold trees told me that he paid out a large part of the money received in hiring men to work up the tree tops and branches left and clearing up the brush and burning it. The tree cutters cut down the trees, took the part of the trunk they wanted and left all the rest behind. Of course, our neighbors got big woodpiles, but they were scarcely a return for the fine young growing trees that were taken away.

### Extra: 8 Scotchmen Dead!

It takes a native from the land of kilts and bagpipes to tell a real Scotch story. Here is the latest one the friends of Prof. W. A. Irwin of Topeka are chuckling over: A lung-tester was set up recently on the main street of Edinburgh, Scotland. A lung-tester, it seems, is built on the same principle as the 1-cent "Know Your Correct Weight" scale. You drop a penny in the slot, blow in a tube and it measures your lung capacity—and if you can blow hard enough to force the hand clear around the dial, you get your penny back. As Irwin reports the case, the first morning after the lung tester was set up in Edinburgh eight Scotchmen were found dead on the sidewalk beside it.

A criminologist says women do not make good detectives. Of course not! Plainclothes women? Why, the very ideal!

ANY-  
ARK.  
ATCH  
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BELL  
BELO  
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EL DO  
ELLIS  
Robt  
FT. SC  
FRED  
GARN  
GOFF  
GOOD  
GORE  
GREA  
HAYS  
HERI

# What Studebaker Saves Through One-Profit Manufacture

*gives you these fine-car features at a low price*

**More power at less cost**—according to the rating of the Society of Automotive Engineers, this is the most powerful car of its size and weight. 30 Sedans have less rated horsepower yet sell for \$30 to \$1790 more.

**Four wide doors**—a real Sedan in every sense of the word.

**Full-size balloon tires**—with specially designed steering gear.

**Finer body construction**—first grade northern white ash and hard maple are used in the body frames. Genuine wool or mohair upholstery.

**Costly alloy steels**—we pay a premium to secure steel of extra quality. This insures greater dependability with longer life and lower upkeep costs. In 1925, sales of repair parts for all Studebaker cars averaged \$10 per car in operation.

**Completely machined crankshaft**—a feature found only in the most expensive cars. This insures perfect engine balance. Vibration is thereby eliminated.

**Safety lighting control**—on the steering wheel, at the driver's finger tips.

**Automatic spark control**—spark automatically regulated by speed of engine.

**Coincidental lock**—to ignition and steering gear. A single key operates this lock as well as the locks on the door and on the spare tire carrier.

**Gasoline gauge, 8-day clock**—speedometer, oil-pressure gauge and ammeter, in oval group under glass. Walnut-finished instrument board.

**Complete equipment**—includes automatic windshield cleaner, rear-view mirror, weather-proof visor, nickel-plated radiator, attractive cowl lights, stop light, natural wood wheels.

**Durable lacquer finish**—a rich Studebaker finish, with ivory striping, assures permanent beauty and lasting lustre.

**Oil filter**—gas strainer and air cleaner. Sealing the engine parts against foreign matter.

**Water-proof ignition**—even the spark plugs are protected from moisture by rubber shields.

**Oil drain valve**—for draining engine oil, without getting under the car.

These features are made possible at a remarkably low price only because of savings effected through Studebaker's One-Profit plan of manufacture.

## WHAT "ONE-PROFIT" MEANS TO YOU

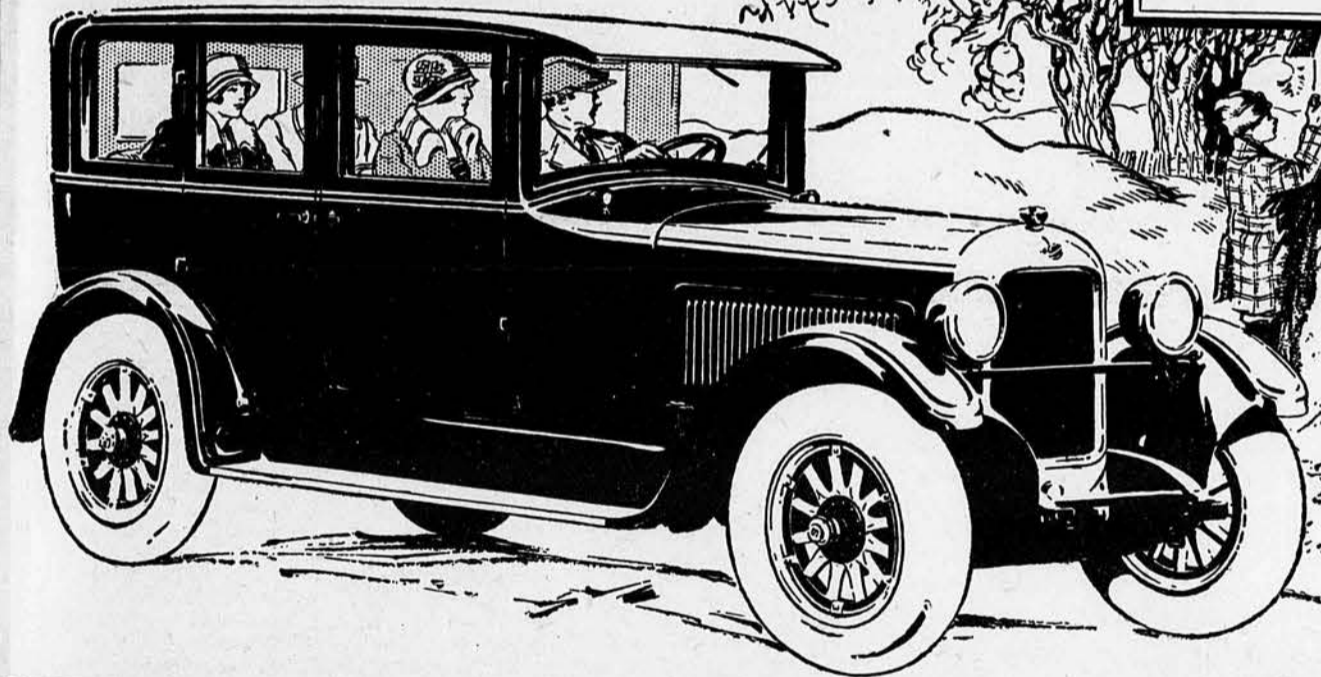
Studebaker saves the profits of outside parts and body makers by manufacturing all engines, all bodies, all axles, springs, clutches, differentials, steering gears, brakes, gear sets, gray iron castings and drop forgings in its own modern plants. One hundred million dollars in net assets are concentrated on this job of economical production of quality cars.

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ELLSWORTH—Morgenstern-Pyle-Robinson, Inc.  
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FREDONIA—Ozark Trail Garage  
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GOODLAND—Newton Bros.  
GOSHAM—E. P. Polcyn  
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HORTON—Rudolph J. Burns  
HOWARD—Fred Rhoades Motor Co.  
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INDEPENDENCE—Ethen Auto Co.  
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OAKLEY—Price's Garage  
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OSKALOOSA—W. D. Ratliff  
OTTAWA—Cummings Motor Co.  
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PARKER—C. E. Mundell  
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**S**OME farmers think that all they need to electrify a farm, is a power line running to the house.

That is just the *first step*. To make electricity pay, the farmer must have equipment which will increase his production and lower his costs at the same time.

At Ripon, Wisc., electricity is pumping and heating water, grinding feed, milking, separating, running concrete mixers and incubators—*doing productive work* as well as being a comfort and convenience to the farmer. In seventeen states responsible men are testing electrical equipment for all farm purposes.

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Railroad rail design. Large, slit-winged anchor plate roots firmly into the ground. Ask your dealer.

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## Farming is on the Upgrade

But the Working Out of Future Policies is a Real National Problem

BY W. M. JARDINE  
Secretary of Agriculture

**T**HE gross income from agricultural production in the United States in 1920 was somewhat over 12½ billion dollars. In 1921 it was slightly over 9 billions, in 1922 about 10½ billions, in 1923 around 11½ billions, in 1924 some 12 billions. It is, of course, too early before the crops are all sold or fed to estimate closely the 1925 income, but indications are that it will not be far from the 12-billion dollar figure of the previous year.

Some indications of purchasing power are, however, essential to the picture. The Department of Agriculture's index of the purchasing power of farm products has reflected fairly well their position from year to year in the broad theater of exchange. Considering the five years immediately preceding the war as 100, the indicated purchasing power of farm products in terms of non-agricultural commodities averaged 85 for 1920. In 1921 it stood at an average of 69, by 1922 had improved a little to 74, in 1923 reached 79, in 1924 had worked up to 83. In 1925 it averaged not far from 89. Last August the monthly index had moved up to 93, which is the high point since 1920. But since that time it dropped back to 87 thru the later months of the year.

### Different Results

It must be readily admitted that relative prices do not measure with complete nicety the economic balance between groups of producers. Farmers in certain sections, as I have said, have fared much better than others. Sheep raisers, for example, have been feeling good for three years. The Cotton Belt is in good shape, aside from certain drought-stricken areas. Wheat growers did well in '24, and many of them made money last year. Dairy and poultry producers felt the depression relatively less than certain other farmers.

During the last three years the cities have enjoyed a marked degree of prosperity. All portions of the industrial community have shared in it, altho the picture differs, again, as between certain industries. The textile and coal industries are examples of groups which have had serious difficulties thru this period of good times. But the general level of industrial wages has held at an average about 120 per cent above the pre-war level. Business profits for the most part have been large, altho they went thru the dark valley of bankruptcy and a great and prolonged boom has carried urban development forward in a marvelous fashion. This city prosperity has made farmers' difficulties stand out the more sharply by contrast.

In this general fact lies the approach to the larger issues which are part and parcel of the economic relationships between great producing groups—between agriculture and the urban community—issues with which the nation must increasingly concern itself.

Economists tell us that the ultimate development of our national economy must take one of two directions. Either we must so balance our domestic structure that the country will maintain within itself a strong, prosperous agriculture, adequate to make us self-sufficient in food and fibers; or else we must follow the way that leads to dependence on a foreign food supply with our own agriculture relegated to a secondary place in the national life.

It is true the United States has made long strides on the road to becoming an industrial country. But our resources in land are enormous; our agricultural production is the most efficient in the world; our rural population is a strong and virile social group. I am positive we are absolutely committed to the maintenance of a resourceful, independent agriculture which shall hold its place in the economic scheme on equal terms with other producing groups. There is no doubt that one of the major economic problems of this generation is how to as-

sure to agriculture a fair share in the national income.

Granting this to be true, the question is, of course, what can be done toward solving the problem? That is a big question. It is a question to be approached sanely and carefully. Mistakes do not help matters. The approach to solution seemingly must be both from the angle of action on the farm and that of public action.

In the first place the problems must be dealt with from the farm end. I have said repeatedly and I reiterate that a substantial part of the farmer's problems must be solved on the farm. I say this with full understanding of the difficulties that face the individual. I know well what the farmer is up against in the shape of uncontrollable weather, diseases, limitations of soil and climate, slow business turnover and all the rest of it. I have been up against it. But the solution of this problem begins on the farms, nevertheless, even tho it does not end there.

It is essential to have the best possible adjustment of production to market requirements. Nor, in this connection, do we stand quite in the hit-or-miss situation of a few years ago. Rapid progress has been made in recent years by public agencies in collecting and disseminating the necessary information which helps farmers to adjust their production programs to the consuming demand. I feel that the Department of Agriculture is rendering an important service in this field. Reliable estimates of crop and livestock production, surveys of intentions to plant crops and to produce pigs, calves and lambs, accurate reports on storage, movement and consumption—all these things comprise a vital background of information that gives the farmer of today great advantage in his planning.

It is essential to have the utmost efficiency in farm operation. Every farm management study that has been made reveals a wide range in farm business organization and methods. On one side of a line fence is a man who organizes his business expertly, who plans ahead, who uses his labor to advantage, who gets high yields from his fields and his animals. On the other side of the fence his neighbor may worry along on an inefficient basis, his crop yields below par, his livestock more of a liability than an asset. One man turns out his product at half the cost of another. There is no formula under the sun that can guarantee the well-being of the inefficient producer. I mean this whole point to be applied in a reasonable way, but it looms large in the problem, nevertheless.

Then there is the second angle of approach, the public angle. After the individual farmer has put his house in order, what remains to be done by public agencies?

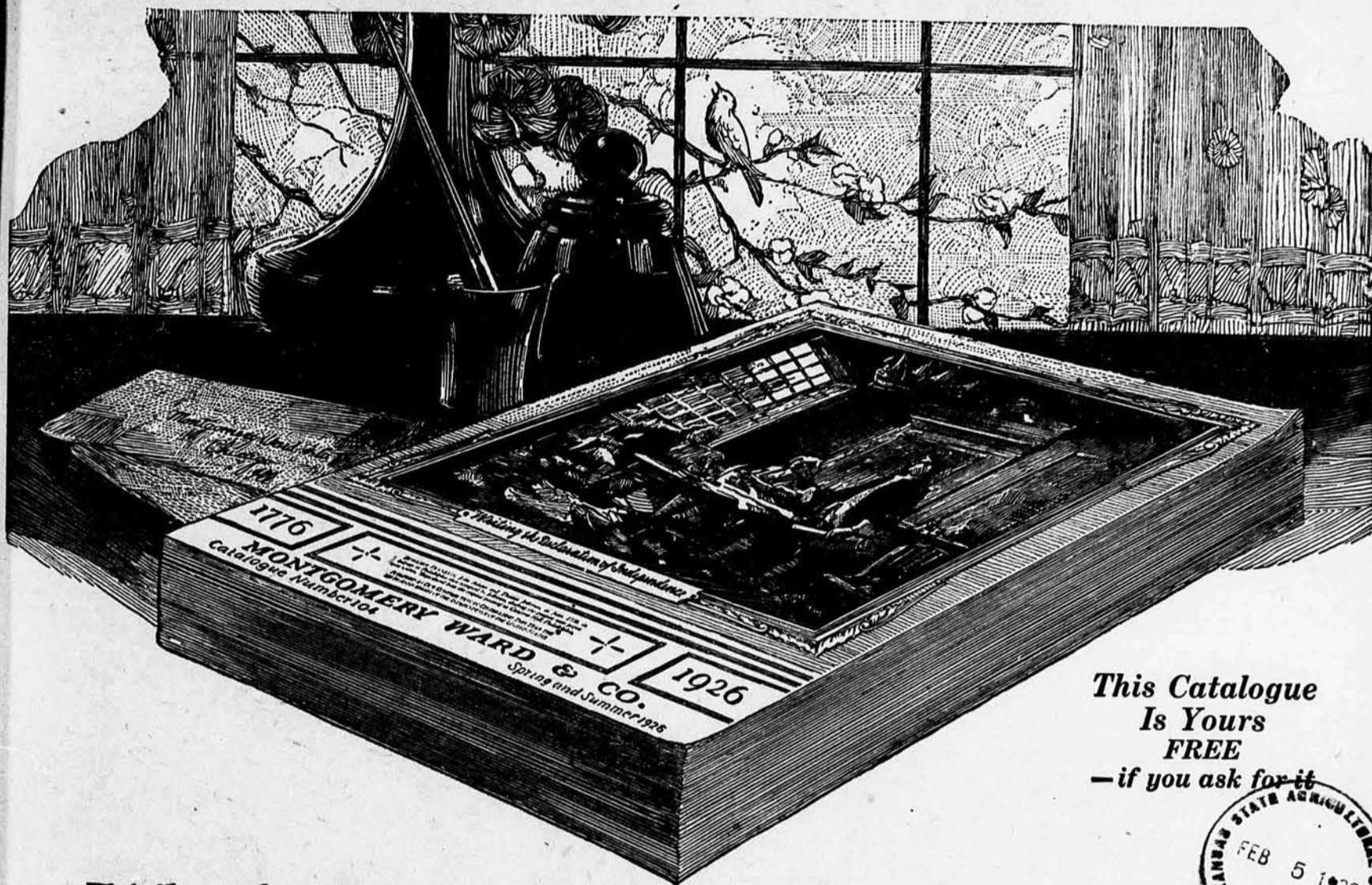
### But No Price Fixing

Now we come to controversial ground, to the field where there is not always complete agreement between various group interests. It is important that we enter this field with a fair-minded, constructive viewpoint. The community at large must be made to understand the case for agriculture in terms of national welfare rather than of merely partisan gain. The farmer must be given an equality of opportunity because, in the long run, that is not only good for him but it also is the best thing for the country.

I am opposed to price fixing. I am opposed to Government handling of farm products.

But it has seemed to me, however, that something constructive could be done toward reducing the handicaps which surround certain phases of agricultural merchandising—the term merchandising being here used in its broadest sense. It has seemed that this could and should be done by some farmer-controlled agency. When Congressman Dickinson came forward with

(Continued on Page 21)



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—if you ask for it



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We say your Catalogue is now ready for YOU. And we mean exactly that.

Because this page is printed to offer you this book—and to give you Five Good Reasons why Ward's new Catalogue with its wonderful money-saving opportunities should be in your home this Spring.

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This year, yes, even in the first six months, there can be a cash saving of \$50.00 for you—if you write for this book—if you use this book—if you send all your orders to Ward's. Because—Every Ward price is a Money-Saving Price.

We used over \$60,000,000 in cash to secure these low prices for you. Cash always gets the lowest price. And buying in the largest quantities, by the car load, by the train load, yes, even contracting for the entire output of a factory, we are always able to secure a price that means a saving for you.

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Our complete organization of buyers, our experts in all kinds of merchandise, go to every market in their search for the new thing, the

new pattern or design, for bigger bargains, or for better quality at the price.

All the year round we have buyers in Europe—the rubber for our tires comes direct from the Orient, we buy silk in Japan—we buy wherever and whenever we can secure the best bargains for you.

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A low price at Ward's always is a genuine low price because it is never a low price made at the sacrifice of quality.

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patronage are always appreciated at Montgomery Ward & Co.

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In the last four years twice as many families have commenced sending their orders to Ward's. The growth of Ward's, our success in pleasing our customers, in giving them sterling values, has made us hundreds of thousands of new friends.

The same opportunity for saving and satisfaction is now yours. We say to you—this new Spring Catalogue is yours free. But the next step must be yours. Send us your name on the coupon below and our complete Spring Catalogue will be sent you free.

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Your orders will be given immediate attention and shipped within 24 hours. That saves time. But besides, one of our seven big houses is near to you. Your letter reaches us quicker. Your goods go to you quicker. It is quicker and cheaper, and more satisfactory to send all your orders to Ward's.

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Baltimore Chicago Kansas City St. Paul  
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(Mail this coupon to our house nearest you.)  
Please mail my free copy of Montgomery Ward's  
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Name.....

Local Address.....

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A copy of our Wall Paper Sample Book  
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## Give them the hardest work on the farm!

*"U. S." Blue Ribbon boots and overshoes are built to stand it*



"U.S." Blue Ribbon boots are made with sturdy gray soles. The uppers are either red or black—knee to hip lengths.

**R**UGGED strength—and plenty of it—that's what farmers want when they buy all-rubber overshoes or boots.

"U.S." Blue Ribbon boots and overshoes are built strong—they're built for farmers and farm wear—made to stand months of kicking through ice, slush or mud in the barnyard and around the farm.

At each of the four points where wear is hardest—ankle, back of the heel, instep, sole—"U.S." Blue Ribbons are reinforced with from 4 to 11 layers of heavy fabric and tough rubber. Strain them—bend them—work them as hard as you please—they stand up!

Seventy-five years' experience in making rubber footwear is back of "U.S." Blue Ribbon boots and overshoes. Every pair is built by master workmen—and built right.

Ask for "U.S." Blue Ribbons. It will pay you in comfort and wear!

**United States Rubber Company**



FIVE TIMES its length it stretches That's what a strip of rubber cut from any "U.S." Blue Ribbon boot or overshoe will do.



**"U.S." Boots**  
Walrus  
Arctics  
Rubbers  
BLUE RIBBON

## In the Wake of the News

**C**ROP surplus matters continue to take much of the thought of Congress. Agriculture certainly is getting consideration at Washington this winter! The economic problems into which the producers have been plunged are receiving more study from the solons than any other matter. Very likely this is wise from a political standpoint! There is an election coming next fall, don't you know, and the outlook for some of the Congressmen is gloomy at best. And then, too, the Administration has a perfectly human desire to keep control of Congress—not that it has any too much of a grip on it now.

Anyhow the folks down there on the Potomac are showing an increasing tendency to give three rousing cheers for the Dickinson bill, which likely is all right, as it probably is the best solution which has been proposed. The bill provides for the usual farm board, and if it ever gets a chance to function, after its rocky road thru Congress and the Supreme Court, it likely will help the co-operative associations, as it will work mostly thru them in handling the surplus.

The bill provides that the machine shall be thrown into gear when the board decides on an "operation period." The money to handle the crop will be provided by collecting an equalization fee from the producers of the commodity handled. Right here, by the way, there is a fine chance for a row, not only while the bill is making its slow and difficult path thru the fearful and awful portals of the gloomy Supreme Court, but also later. It is going to take a lot of explaining to the folks to tell 'em why every bushel of wheat grown, for example, should pay a tax, right off the bat.

But still it should work, after the gears are oiled up. Anyhow farming will have its chance to see whether there is anything in all this talk we have been hearing about the merits of an export corporation. It seems likely to the Kansas Farmer that the Dickinson bill would be more helpful with wheat than with most other farm products—and considering the fact that Kansas is the greatest wheat state the possibility of raising the average price levels doesn't worry us at all.

### Wild Time For Fans

Radio fans had a wild time last week in their attempts to listen in on the international tests. The production of static was quite large—and of yams which included the same much greater. However, we do not subscribe to the belief that all radio owners are liars. For one thing, we own a set ourselves. And it's a great set, too, and we get New York and London n'everything—

except when visitors come over to hear it. However, be that as it may, and it probably will, many folks in Kansas actually did hear one or more foreign stations last week. Anyhow the test was a fine idea, and in the long run should be of some force for good in promoting international peace.

### Another Row in France

The French Chamber of Deputies has again started a discussion of the financial program which has for its object the balancing of the budget of 42 billion francs (about 1½ billion dollars)—nearly nine times greater than it was in 1914.

France's acute financial crisis dates from April, 1925, when Finance Minister Clementel began that series of bank note inflations which since then has totalled 17 billion francs (about 635 million dollars). Meanwhile Cailaux, Painleve, Bonnet, Loucheur and Doumer have successively held the portfolio of finance. M. Doumer clings precariously to his office, having met lively hostility from the parties of the Left which do not approve his indirect taxes and failure to abolish other imposts which these parties promised during the 1924 election campaign would be abolished.

In other words, the opposition to Doumer is chiefly political and electoral. Financial considerations will play little part in the forthcoming debate. The problem is not to save French finance but to maneuver for political advantage.

In the United States economic considerations usually have come ahead of political considerations. When the South, under Andrew Jackson, arose against the tariff laws, when a decision had to be made as to whether the Western territories should be free or slave, when the gold standard was adopted, when the railroads and trusts were regulated, it was always true that the parties lined up on economic lines. Thus, while American politics has often been incoherent, American economics have generally been sound. French history has been exactly the reverse. Politics always comes first, and so when today the French tackle the financial problems there is little said about finance. There are left wing taxes and right wing taxes, and the important thing is not what revenue they will bring into the treasury but how many votes they will bring partisans.

This condition could be remedied only under a firm leadership such as that of Waldeck-Rousseau, Perry or Clemenceau. With men favoring conciliation at any price, like M. Briand, the situation can only get worse, especially if, as is now rumored, Briand



It Takes More Than One Arrest to Break a Crime Wave

# Demonstration FREE in your own barn The Surge Milker

The Surge Milker by reason of the fact that it DOES AWAY with long, curling, snarling milk tubes makes all Long Tube Milkers old-fashioned. Long Milk Tubes have always been the uncleanable hindrance to clean milk production. Unclean tubes mean unclean milk.

Surge Owners have no trouble in producing Grade "A" milk EVERY DAY with The Surge Milker BECAUSE it has—

## no long tubes

The Surge Milker also DOES AWAY with Milk Claws. They have been an uncleanable hindrance to clean milk production. You CANNOT get at ALL the millions and millions of bacteria lurking in all those many bends and twists. Unclean claws mean unclean milk.

Surge Owners have no trouble producing Grade "A" milk with The Surge BECAUSE it has—

## no claws

20 seconds to take apart; 3 minutes to wash; 30 seconds to put together—really you've never seen anything like it. To produce clean milk EVERY DAY you MUST CLEAN your milker throughout EVERY DAY. That's easy with The Surge—NO CLAWS and NO LONG TUBES.

That's another reason why Surge Owners find it EASY to produce Grade "A" milk EVERY DAY. None of us mind doing something that's EASY and The Surge IS—

## easy to clean

### Read what this dairy farmer says

"My Surge Milker is entirely satisfactory. It milks quick and clean, and the cows like it. It helps me produce cleaner milk with a lower bacteria count and saves lots of time. The washing part is easy as there is so little to wash.

(Name on request)

## milks all cows better

### No other milker Tugs—Sucks—Releases—and Pulls

Surge Owners find its "Surging Action" (which is why we call it The Surge Milker) gives their cow's teats the real tug of the calf—makes the cow give MORE milk. All milkers suck; some suck and release—BUT—The Surge is the ONLY milker that Tugs—Sucks—Releases—and Pulls—and harder and harder as the milking ends, like the calf. Nature taught the calf. Nature KNOWS.

Surge Owners KNOW that this COMPLETE Surge milking action milks ALL their cows better.

Mail the coupon below NOW and we'll demonstrate what The SURGE will do with your cows.

## NO COST—or obligation

Pine Tree Milking Machine Co., Dept. 29-82  
222 E. 11th St., Kansas City, Mo.

Please send me without cost or obligation, your special offer on the SURGE Milker.  
(Please give this information)

Number of cows milked.....

Is there a pipe line in your barn?.....

Have you a vacuum pump?.....

What power will you use—Gas Engine?.....

or Electricity?.....If electricity, state

what current..... what voltage.....

(The SURGE Vacuum System operates on much less power than most systems. Our electric pump will run on the current from any farm light plant.)

Name.....

Address.....

R.F.D.No.....

refuses his consent to make the whole cabinet stand or fall on Doumer's plan, which has the advantage of obtaining immediate revenue.

This can only mean utter confusion for any parliament which is not firmly led is necessarily anarchical and tends to follow the path of least resistance. Suppose President Lincoln had left the American Congress free to determine whether the Union should be preserved—that is a fair picture of the situation of France.

### Few Children at Work

Kansas' child labor problem for 1925 was limited to 70 boys and girls between 14 and 16 years old, working in Kansas industries under permits from school superintendents or juvenile court judges, according to a statement compiled recently by Mrs. W. B. Gulick, director of the women's division of the labor department of the Public Service Commission.

Mrs. Gulick's report shows permits were issued during the year to 57 boys and 13 girls, after showing that these had completed the elementary school course and there existed necessity for employment. The preceding year 94 such permits were issued.

"The compulsory education law is largely responsible for keeping children out of industry," said Mrs. Gulick. "From my inspection trips over the state, and the reports received from officials and citizens interested, I believe the law is generally observed."

Of the permits issued 22 were for boys and six for girls in manufacturing industries, four boys and two girls in the mercantile industry, 18 boys and two girls were listed as office help, 13 boys and one girl as messengers, and two girls in other industries.

School vacation permits were issued to 57, of whom 31 were boys and 26 were girls under 16. Of these, 24 boys and 26 girls worked during vacation in manufacturing industries, two boys were in mercantile establishments, three boys were listed as office help, and two boys in other occupations.

### Power Age is Here?

Considerable interest has been aroused in Topeka, especially, in matters of super-power stations, largely by the completion of the first unit of the vast power plant of the Kansas Power and Light Company at Teumseh. It is recognized that the rapid development of these huge plants will lead to more manufacturing, which in turn will bring more workers, and the net result should be better local markets for farm products.

Perhaps the ideal state for an even distribution of industrial life and of agriculture today is Ohio. That state contains many small cities and but few large ones. This is as it should be. Farmers back there are not much interested in freight rates, for example, for the net result of high rates is to reduce the competition of food which comes from farther west—Kansas for example. Anyhow it is obvious from the experience elsewhere that agriculture gains from the growth of industrial life. And if super-power plants will aid in that growth, as engineers say they will, folks are going to welcome their arrival with great enthusiasm.

### Can't Shame One's Ancestors?

It is impossible to defame one's ancestors, according to a recent decision of Federal Judge A. L. Reeves of Kansas City, when he sustained a demurrer to a suit of 1 million dollars damages, brought by Mrs. Virginia Bridger Hahn, Kansas City, against the Famous Players-Lasky corporation, producers of the motion picture "The Covered Wagon."

In her suit Mrs. Hahn contended that the company had defamed the character of her father, Jim Bridger, famous Indian scout, by depicting him as the husband of Indian wives and as a drunkard. The picture, Mrs. Hahn contended, cast reflections upon her life.

In sustaining the demurrer Judge Reeves held that one's ancestors might not be defamed because the habits and standards of mankind change so with the generations.

"What did your wife say when you turned in so late last night?"

"Oh, she was half asleep and thought I was the dog. When she said, 'Is that you, Fido?' for once in my life I had real presence of mind. I licked her hand."

Rochelle  
Canneries

Rochelle  
Illinois

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NOT one has been junked or traded off. Number one bought in 1919 is running fine and doing full duty just the same as those purchased later. Purchases were made as follows:—1 in 1919, 4 in 1920, 13 in 1921, 7 in 1922, 27 in 1923, 25 in 1925.

What greater proof could one ask of the Twin City's dependability and economy? This big concern keeps an accurate record of the upkeep and operating expenses of all its power equipment. This fleet of Twin City Tractors farms over 8,000 acres and meets all the requirements of exacting engineers. Any

## TWIN CITY

tractor will give you the same faithful, economical service—will save you money on your farming operations, will help solve your labor problems and can be depended upon in emergencies. Its efficient power take-off also greatly increases its range of usefulness on your farm. Mail the coupon for free booklets on Twin City Tractors and Threshers.

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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.

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CORD TIRES Don't Pay High Prices—We're still selling standard guaranteed tires way below list price. \$22.50, \$30.00, \$40.00, \$50.00, \$60.00, \$70.00, \$80.00, \$90.00, \$100.00, \$110.00, \$120.00, \$130.00, \$140.00, \$150.00, \$160.00, \$170.00, \$180.00, \$190.00, \$200.00, \$210.00, \$220.00, \$230.00, \$240.00, \$250.00, \$260.00, \$270.00, \$280.00, \$290.00, \$300.00, \$310.00, \$320.00, \$330.00, \$340.00, \$350.00, \$360.00, \$370.00, \$380.00, \$390.00, \$400.00, \$410.00, \$420.00, \$430.00, \$440.00, \$450.00, \$460.00, \$470.00, \$480.00, \$490.00, \$500.00, \$510.00, \$520.00, \$530.00, \$540.00, \$550.00, \$560.00, \$570.00, \$580.00, \$590.00, \$600.00, \$610.00, \$620.00, \$630.00, \$640.00, \$650.00, \$660.00, \$670.00, \$680.00, \$690.00, \$700.00, \$710.00, \$720.00, \$730.00, \$740.00, \$750.00, \$760.00, \$770.00, \$780.00, \$790.00, \$800.00, \$810.00, \$820.00, \$830.00, \$840.00, \$850.00, \$860.00, \$870.00, \$880.00, \$890.00, \$900.00, \$910.00, 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# THE LISTENER

By George Washington Ogden

**T**EXAS HARTWELL, arriving, practically penniless, in Cottonwood, a Kansas cow-town, was befriended by Uncle Boley Drumgoole, a celebrated cobbler, whose loan of a horse enabled Texas to win a prize of \$250 in a roping contest. He learned then that the horse was the property of Sallie McCoy, an entrant in the ladies' roping contest, which was to follow. Texas then stood for a moment beside the fence where the next contest was to be held.

## Official Deference

Could this ripe beauty, this voluptuous creature, be Sallie McCoy? Texas was all of a quiver to find out. He saw that the officials of the fair paid her the utmost deference, fairly jumping in their eagerness to make a place for her as she set her dainty foot on the plank of the stock-pen and climbed up to get a better view of the arena.

He hurried back to ask Uncle Boley about her, arriving before the grandstand to find that the passage leading into the arena had been blocked completely by late arrivals, chiefly women. He was too timid to considerate, to disturb them. Uncle Boley saw him, and waved his hand understandingly.

Texas took up his station in front of the grandstand with the fringe of favored ones who had been allowed to penetrate that far, and one came past on a horse to warn them back close against the wall, and to caution them that they would have to look out for themselves when things began to pop between the ladies and the steers.

Texas watched the work of the first three girls keenly. Two of them were ordinary; one was excellent. But none of them was Sallie McCoy.

But he had not expected one of them to turn out to be Sallie McCoy. Surely it was the girl in the velvet dress who was Sallie; and yet—there was something deeper in his heart that denied this; why, he could not tell. Perhaps it was because she was grander than he had pictured Uncle Boley's friend to be and bolder perhaps, if that word might be permitted in the description of a lady.

The grandstand was going wild over the last girl. She was the comeliest of the three whom he had seen in the corral, and he thought that if she was not one of the "queens of the range" which the poster had announced, then she was a princess at least. The spec-

tators appeared to hold the same opinion.

They would not be satisfied until she had ridden past, modest and blushing, her hair in disorder from her struggle with the steer, her hat in her hand. Sallie McCoy would have to go a pretty good pace to beat that girl's time, Texas thought, and began to fear for her reputation.

He looked again toward the stock-pen. There another girl had appeared on horseback, and—there was no mistaking it—the very horse that he had ridden to a winning finish not more than an hour before. So that would be Sallie McCoy, beyond a doubt, and it was not the gorgeous lady in the velvet dress and silver spurs.

Anything, indeed, but gorgeous this little lady appeared as she rode into the arena and came to a stop not a rod from the spot where Texas stood. She was dressed plainly in a loose, shirtlike upper garment, laced at the front in the cowboy style, a modest blue necktie tucked into the bosom.

Her gray blouse disappeared under the broad belt around her waist, with a plain suggestion of a tail to it equal to any cowboy's shirt on the Arkansas Valley range that day. The skirt was of corduroy, divided into voluminous trousers, set with large mother-of-pearl buttons down the legs.

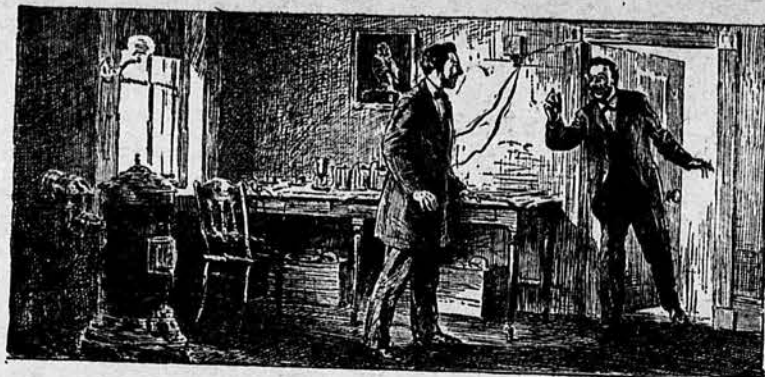
She wore no spurs; her tawny, weathered hat was weighted by a heavy leather band.

The sun had turned to a reddish tint the ends and light-flying tresses of her heavy, brown hair and had set its little brown pigment spots in her fine-textured skin, like marks of kisses from the lips of an ardent lover. Her eyes were as brown as walnut, and sorrowful as a Madonna's.

## A Smile For Uncle Boley

She saw Uncle Boley up there among the great crowd, and smiled. Texas felt a quiver leap thru his body at the sight of her quickened face, as if she had come and laid her hand on his head.

It was just like that, he thought; just exactly as if she had come and laid her hand on his bare head. And her smile was not for him at all; as far as he was concerned, her world was empty of men. But if a smile going over a man's head could make him quiver and tingle like that, how would he feel if she gave it to him, right square in the eyes?



## From One Sentence To Millions

ON MARCH 10, 1876, a single sentence was heard over the telephone. Now, after half a century, 50,000,000 conversations are heard each day.

"Mr. Watson, come here; I want you," spoken by Alexander Graham Bell, the inventor, was the first sentence.

His first crude instruments had been tested by sounds and single words; the patent had been granted; the principle was established from which a world of telephones has since resulted. But at that time the telephone had not proved its practical usefulness—its power to command.

Bell's words, electrically

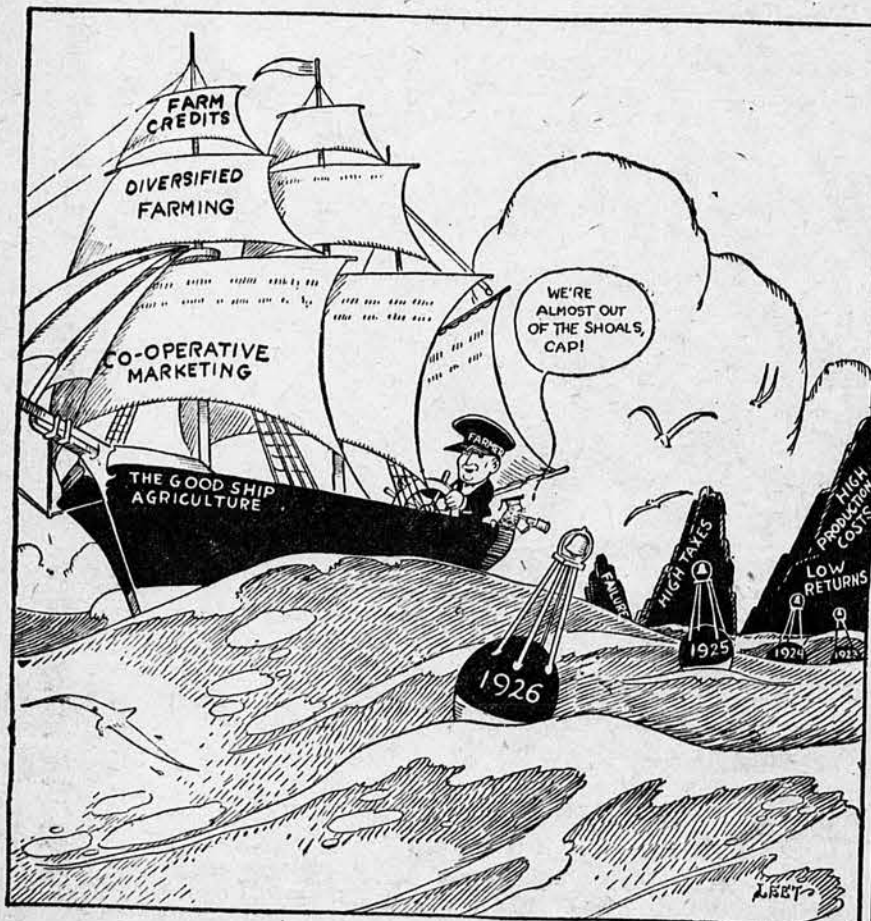
transmitted over a wire, brought his assistant from another part of the building. And with his coming, the telephone became a dynamic factor in human affairs.

Since that first call untold millions of sentences have been heard over the telephone. Men have traveled vast distances in answer to its calls. The wheels of great industrial enterprises have turned at its commands. Everything that man can say to man has been carried to a distance over its wires, and the thoughts and actions of nations have been influenced through its use.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AND ASSOCIATED COMPANIES

BELL SYSTEM

IN ITS SEMI-CENTENNIAL YEAR THE BELL SYSTEM LOOKS FORWARD TO CONTINUED PROGRESS IN TELEPHONE COMMUNICATION



'Tis Easier Sailing Now

**\$5 Down and You Can Buy Any WITTE Engine Up to 10 H.P.**



**30 Days' FREE TRIAL TO PROVE that this "super-powered" one-profit,**

light weight WITTE will save you one-half the time, labor and cost of any job on the place I want to send it to you on a 30-day test at my risk. I guarantee it to do the work of 8 to 10 hired hands.

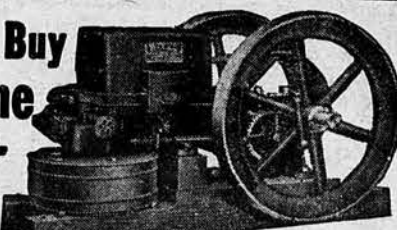
**Nearly a YEAR TO PAY**

Scrap the Old One—Pay a Little of It Down on the New WITTE

With my generous terms my engine pays for itself. Increases farm profits \$500 to \$1000 a year. Thousands say the WITTE is ten years ahead of any other make—simple and trouble-proof at rock-bottom, direct-to-you prices. Completely equipped with WICO Magneto, speed and power regulator and throttling governor. All sizes 2 to 25 H.P.

**FREE**—Write me today for my big, new, illustrated engine book and full details of my guaranteed test offer. No obligation, absolutely free. Or, if interested, ask for our Log and Tree Saw, 8-in-1 Saw Rig or Pump Catalogs.—ED. H. WITTE, Pres.

**WITTE ENGINE WORKS, 1546 Witte Building, KANSAS CITY, MO. 1546 Empire Building, PITTSBURGH, PA.**



**Burns Kerosene, Gasoline, Gas-Oil, Distillate or Gas—Yet Delivers 25% More Power.** Cheapest to operate and guaranteed for a life-time. No cranking required. Compact and easily moved. Double, balanced fly-wheels with throttling governor that saves money. Fifty New Features—**WRITE ME TODAY**—a postal will do—for my Special FREE 30-Day Test Offer.

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U. S., Fisk, Kelly, Firestone, etc., used tires from cars changing to balloon type and other tires—Excellent condition. Tubes are new. Send only \$1 deposit for each tire wanted, Bal. C. O. D. Important—Name Style Wanted, whether Clincher or S. S. Order Now—if for any reason tires are not satisfactory upon delivery, return them at once for refund.

**B. & Y. Tire Co. 722 Southwest Blvd. KANSAS CITY, MO.**

**FARM FENCE**

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That was what Texas wondered, the velvet lady in her glory dim in his thoughts that moment, as Sallie McCoy's name was announced by the man with the megaphone, and the gate was opened to the wildest steer on the waiting list.

It was a white animal with a blotch of red across its loins—the meanest color that a steer could be, and Texas knew it—long-legged, long-horned, and it carried its head high when it rushed out of the pen, as if it was bound for its native Texas and dared any man to stop it on the way.

Of course there was a certain advantage in a fast one, Texas reflected, for the faster it went, the harder it would fall. But he had his doubts on the ability of this slender girl, with her small, brown hands, being able to do much with that native of the chaparral.

"He's a regular catamount!" said Texas aloud.

"You said it, pardner," agreed a short, bow-legged man, with a narrow face and long nose, and great, black moustache drooping under it like a mourning wreath.

The three judges were mounted, waiting in front of the grandstand to dash out and time the contestant, time beginning the moment that the lariat was thrown. The contestant was allowed the preliminary maneuvering to warm up her horse, limber her arms, and work the steer up in front of the grandstand if she had that desire.

Texas saw from the start that this girl had no such intention. Her aim was to get it over with while her horse was fresh. But the steer seemed to have some crafty design of his own for making a figure in the world. Texas never had seen a swifter one, and few as wild.

The animal dashed around the arena in long leaps like a deer, yet far out of reach of her lariat, and at every circle past the grandstand the enthusiasm of the spectators grew.

Here at last was the real thing, here was a show for your money, a thing to make you lift in your seat and feel a thrill up your backbone when that handsome girl went by, swift as a leaf on the wind, a whirl of dust behind her, her slender limbs holding her to the saddle as lissom as a sapling in a gale.

#### Some Real Riding

Accustomed as these people were to seeing men and women tearing about the town on horseback, there was a quality in this girl's exhibition of riding that held their breath in admiration.

There was no thought as to when it would end, or how, only the present wonder of her plastic figure and the moving appreciation of her grace and competence, as she went dashing across the dusty field.

Down in the front where Texas and the bow-legged man stood there was some concern lest the long-winded steer might outlast her horse.

"That feller's a wind-splitter from Arkansas!" said the bow-legged man.

"He sure is built for speed," Texas replied, his anxious eyes on the whirl of dust thru which pursuer and pursued were dimly seen.

"He's a race-horse, cuss him!" The bow-legged man pushed forward a little as he spoke, and leaned as if concentrating his faculties to influence the steer. "Now! That's the girl—that's the girl!"

The encouraging exclamation had been drawn from him by Sallie's sudden maneuver. Quitting the pursuit of the steer, throwing her weight across the saddle to swerve her horse sharply, she cut across the arena and intercepted the flying animal directly in front of the place where Texas and the bow-legged man stood.

The steer stiffened his legs and slid in his surprised attempt to escape the trap, wheeled, snorted defiance, and made off on a back track. But his checked race had been fatal to his spectacular calculations, if calculations he had inside his wild, long-horned head. Before he could get back to his lost gait Sallie had swung and cast her riata.

It fell true to the mark. Her watchful horse stiffened in his tracks, braced himself, lunged back, as Sallie half flung herself from the saddle on the opposite side to give her weight against the shock. In a second there was a glimpse of wild-flying legs as eight hundred pounds of steer struggled against the tight-strung lariat to get to its feet again.

The grandstand started a cheer when the steer was thrown, but bit it off as if the door of its emotion had been opened untimely. There was not the sound of a sigh as Sallie ran to the struggling, bellowing animal, her hobble in her hand. The rest of it was only a flash thru a cloud of dust.

The grandstand stood to see, and did see, a deft movement of hand and rope, and the next breath, it seemed, the girl standing back out of the dust and confusion. The steer was lying there winded, its four legs gathered and bound like a hog trussed up for market.

#### Cheers From the Grandstand

Sallie's wise horse, knowing very well when the work was done, eased the strain on the rope, and the grandstand, freed of its tension at the same moment, outdid itself in cheering. The judges released the conquered steer, faced the shouting people, held up hands for silence. Sallie remounted and rode forward with them, and her friends came scrambling over the rail by scores to congratulate her.

The man with the megaphone announced her time. This was seven seconds better than the best made so far, and the opinion was confidently and freely expressed that it could not be beaten. The bow-legged man was so sure of this that he produced money which, he said, stood ready to back that belief against all comers.

Texas saw a tall, soft-shouldered, puffy man, whose black eyebrows were in sharp contrast with the scraped-hog whiteness of his skin, come forward and engage the bow-legged man's money. The judges, as an escort of honor, rode with Sallie to the corral gate, where she awaited the finish.

The man with the megaphone cleared the arena for the closing feature.

Texas worked his way round to where Sallie McCoy waited on her horse just inside the corral gate. The bow-legged man was talking with her, combing her horse's mane with his fingers.

"They'd just as well hand you the money right now, Miss Sallie," he said.

"You're too sure, Mr. Winch," she returned, laughing a little.

Texas Hartwell drew a few slow steps nearer, something timid in his way, to hear again the vibrant music of her voice. What marvels the world held for him that day, he thought: what a vast amount of beauty and sensation it had been keeping from him here in this far-away place! First the one in velvet had taken away his breath, and now this one seemed to be calling the very heart out of his breast.

"I don't know who this Wichita lady is," the man whom she had called Winch went on, "but I'll bet seven dollars to one she can't come in half a minute of you."

"I hope you didn't bet any money on me," she said, a bit reproachfully.

Yes, the other one was handsome, with a disdainful, haughty lift to her white chin, thought Texas, but this one was good! A man could look right down into her eyes, he'd bet, and see the bottom of her soul all white like pebbles in a spring.

"Didn't we?" Winch wanted to know, with large discount in his tone. It was as much as if he had asked her how any gentleman could stand aside with money in his pocket and fail to hazard it in the honor of his community, and the heart and jewel of that community, and hope to hold

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his head up in the eyes of men again. It was a feeling in which Texas shared, and warmed with the generosity of it, his heart applauding the little bow-legged man.

Miss Sallie smiled down to Mr. Winch. Appreciation honestly bestowed, thought Texas. There was not the girl to go about throwing smiles away as if they were trifles to be had for the looking. A man might well leap to catch a smile like that, and put it away in his heart to keep, like a rare poem that has moved his soul.

#### "Maybe She'll Beat Me"

Mr. Winch did not appear to suspend his breathing on account of it. Texas wondered why. On the other hand, Mr. Winch was doing some smiling himself, of a rather mirthless and sardonic kind, which lifted his great black mustache as a cat moves its lip before a spring. Peculiar teeth Mr. Winch had, slanting outward, giving his lips a bulge. They gave one the thought that he must have begun very early in his life gnawing, like a beaver, on some hard substance.

"We went the limit, Miss Sallie," he said, "and I've got just seven old bony dollars left that say Miss Fannie Goodnight, nor no other woman from Wichita or anywhere, else, can come inside of thirty seconds of matchin' your time."

"I'd be sorry if any of you boys were to lose money on me. Maybe she'll beat me."

"Wait till she does," said Winch, in high confidence of security. "Well, here she comes, and sa-ay, people! Look at that ani-mile!"

A bony red steer was passing from the cattle pen into the arena. It was so thin and flat that its ribs could have been counted at twenty yards. The creature was slow and spiritless, seemingly bowed under the weight of its great branching horns. It stopped a few yards beyond the gate and stood with its head down, as if its race had been run long ago and it hadn't the strength to carry it another hundred yards.

Sallie McCoy beheld the creature with amazement, a flush of indignation burning in her face.

"That thing wasn't in the corral!"

"They drove it in from back there," she said. "It's not on the square—

they're goin' to let her rope a ghost."

Texas Hartwell looked hard at the lean and lifeless, desiccated, mangy steer. He stood as if paralyzed by amazement, incredulity in every line of his solemn face. Presently he walked back to the judges, taking the ground in immense strides, like a man who was either very angry or very earnest.

"Gentle-men, you're not goin' to permit this, surely?" He spoke in what seemed a gentle protest. The judges looked down on him indifferently. "Why gentle-men, that thing ain't an animal—it's a dead carcass!"

"We're judges of this game, young man," the eldest of the trio said. He was a man of congested face and bleached-linen whiteness of hair which told of alcoholic curing. His purple lips were thick, his teeth black and broken, his eyes rimmed with red. A little line of scraggy white brows marked sharply the aggravated redness of his skin.

#### "Clear Out"

Texas marked him well, in slow and silent look, as if gathering points of identification against the meeting of another day. The slow calm scrutiny nettled the man; he spoke sharply:

"We can take care of this without any of your help."

"I allow that, gentle-men," Texas yielded, respectfully, "but I tell you, sirs, I could stand off twenty feet and blow that pore old onery beast over with my breath!"

"The young lady that just finished roped and hobbled one of the wildest animals I ever saw. I want to see her given a square deal, gentle-men; that's all I ask of you."

"Who in the Billy Hell are you?" the youngest of the judges sneered.

That sweeping flush which seemed the leaping pulse of his deepest emotion flooded the young man's face.

He stood as if biting a nail, the hard muscles of his lean jaw swelling, holding himself in with an effort. His voice was steady and calm, soft and low, when he replied.

"If it was necessary for you to know, to insure justice where justice is due, I could tell you, sir. I assure you that I'm as well known to you as to the young lady I'm speaking in behalf of, sir."

The man with the megaphone was

## Suppose You Were an Italian!

WE COMPLAIN a great deal about taxes! Well, our taxes are high, largely the result of state and local taxation, but uncomfortably high in the aggregate. Still, as compared with taxation in other countries, we are fortunate. Congress is considering a new tax bill, which if it passes, about as it is framed, will relieve 2 million persons who now pay some income taxes from any payment of that kind.

But even with our present income tax law the contrast between what we have to pay in the way of income taxes and what people in the principal European countries have to pay is rather startling.

The head of an Italian family with an income of \$1,000 a year has to pay an income tax of \$189.21; the head of a Belgian family with the same income has to pay an annual income tax of \$29.15; a Frenchman has to pay \$18.90; even a single man in the United States with that much income pays nothing.

The head of an Italian family with an annual income of \$2,000 has to pay an income tax of \$392.18; the French head of a family has to pay \$174.35, the citizen of the United States pays nothing.

The head of an Italian family with an annual income of \$3,000 pays an income tax of \$599.30; the head of a French family with the same income pays a tax of \$348; and the head of an English family \$202.50. The head of a family in the United States who has an income of \$3,000 pays \$7.50 provided he has no dependent children; if he has two children under 18 dependent on him he pays nothing.

The head of an Italian family with an income of \$5,000 per annum must pay an income tax of \$1,035.06 and the head of a French family \$828.75, while an American head of a family with a \$5,000 income pays \$37.50, and after the passage of the new law will pay only \$15.

The national wealth of Italy is 22 billion dollars and the income of its people 4 million dollars per annum. The national wealth of the United States is 350 billion dollars, and the individual and corporate income of our people is 70 billion dollars.

A committee appeared before the Appropriations Committee of Congress recently asking that the salaries of our judges be raised. That committee was composed, of such eminent gentlemen as John W. Davis, candidate for President on the Democratic ticket in 1924, and Charles Evans Hughes, until recently Secretary of State and formerly a Justice of the United States Supreme Court. These gentlemen insisted that the salaries of our Supreme Court judges are shamefully low; a justice of the Supreme Court receives \$12,000 per annum and the Chief Justice \$15,000. The highest judicial officer in Italy is paid a salary of \$1,500 per annum.

Italy's total estimated coal reserve is 200 million tons, less than is mined in this country in a single year.

The public debt of Italy amounts to more than 50 per cent of her national wealth. If the United States was in debt as heavily in proportion to our national wealth as Italy, our public debt would approximate 175 billion dollars instead of 21 billion.

If you swear about your taxes now, what do you think you would do if you were an Italian living in Italy?

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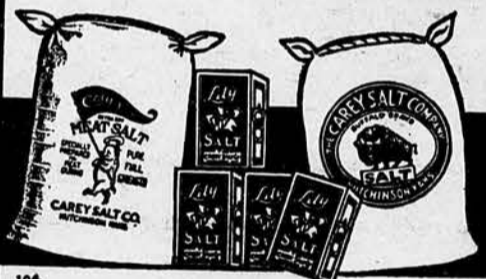
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announcing Miss Fannie Goodnight of Wichita. Cheers greeted her name, but they were blurred by a questioning murmur, which broke into derisive calls here and there, and loud, shrill questions from cowboy throats as to the family of the animal before them. "You'll have to get out of here!" ordered the red-faced man.

"Clear out—get back over there!"

The youngest of the judges spurred forward, reined in short, brought his horse to its haunches two yards from where Texas stood. The lean, solemn cattleman did not give an inch, but looked the other such a challenge, eye to eye, as would have meant, under other circumstances, the slinging of guns. He turned slowly and went back to the corral gate, where Sallie McCoy was waiting, her face white, a shadow of terror in her sad, brown eyes.

Winch looked at him curiously, but did not speak, for at that moment Fannie Goodnight started on her conquest of the apathetic steer. She was well mounted, and handled her long-legged horse with every evidence of much experience in the saddle.

#### Steer Was Trained

As she rode into the field the steer lifted his sad head and trotted to the center, where he stood, entirely unmoved by the scene so widely different from the pastures of his youth. He displayed a little burst of kindling spirit when the velvet-clad beauty made a dash for him, her riata whirling over her head, even giving her a race round the enclosure that had in it a promise of surprise. The bony creature's unexpected nimbleness provoked laughter and cheers, and genuine expressions of admiration when he checked himself in full career, swerving and dodging like a dog.

It would have passed off very creditably for Miss Goodnight if she had been wise enough to know exactly when to put a stop to this play. But she worked the poor old steer at his tricks so long that she uncovered her hand.

"He's trained for it! I'll bet money she's been puttin' him thru them tricks for the last six months, gittin' ready for it," said Winch.

"It looks like it," Texas admitted, more ashamed that a woman would stoop to such sharp practice than concerned over what now seemed the certain loss of the money that he had staked on Sallie McCoy.

A cowboy who had been perched on the fence nearby came hurrying over to where Texas stood, pegging along in halting short steps on his ridiculous high heels. He was full of protest against this imposition, and mad to the backbone. But before he could express himself in words an irruption of cheers submerged him. Miss Goodnight had rounded her steer to the most conspicuous point of the arena, thrown her rope, brought him to the earth.

There the steer lay stretched as peacefully as if he had arranged himself for his afternoon nap, legs extended, head on the ground, the slack barely taken out of the rope. No dust was raised by struggling legs to cut off the view of Miss Goodnight's operations with her hobble. The steer allowed her to bind him with no more resistance than a pet dog.

There were cheers from a certain section of the grandstand where the young lady's partisans appeared to be gathered in force, laughter breaking against the hoarse masculine shouting in rising waves. Texas and Winch stood with watches out, Sallie McCoy on her horse near them so indignant over this trick that she looked as if she would fight a sack of wildcats.

Miss Goodnight stepped back from her conquest of the steer; the vociferous section of the grandstand lifted a louder cheer, with waving hats. But there was a significant silence in other parts of the crowd, a questioning quietude.

"You beat her anyhow—you beat her to a fare-you-well!" said Winch.

"By seventeen seconds," said Texas, looking up at her openly and boldly for the first time.

"Wait a minute—the judges—"

"Miss McCoy! I congratulate you! It was a magnificent victory, magnificently won!"

The speaker was a minister, beyond any mistake, short, round, half-bald, wholly jolly to see, despite his somber coat. He came up hat in one hand, the other reaching out toward Sallie McCoy while still ten feet away, as if his heart went before him with

the warm radiation of his sleek little body.

"The judges—" Sallie began once more, doubtfully.

The judges were approaching the grandstand. The young man who had ridden his horse at Hartwell took the megaphone from the announcer, rode forward from the others a little way.

#### Fannie Goodnight Won

"The judges—have the pleasure—of announcing—to you"—he spoke in a jerky, ringside delivery that told at once of his apprenticeship, no matter what his present trade—"the winner—of the ladies' roping—contest. Miss Fannie Goodnight—wins the purse—and the honors—by two seconds—over—her nearest—competitor. I have the pleasure—of introducing—to you—Miss Fannie Goodnight—of Wichita—winner—of this event."

Cheers again from that conspicuous section of the grandstand. Miss Fannie Goodnight was on her horse, nodding her pretty head at her fervent friends. Now they came pouring down into the arena, while other people who had put money on the local favorite, perhaps, or perhaps out of a spirit of

fairness, stood protesting to each other, comparing records, facing angrily toward the judges. In this part of the spectators were many cowboys. These now began to move down into the arena.

At the announcement of the judges' decision, Hartwell saw Sallie McCoy's face grow white. He looked into the eyes of Winch and the cowboy, and saw there what they in turn read in his. As if given a command to march, they turned and bore down on the judges.

Already these smiling tricksters were receiving the congratulations and thanks of the clique of gamblers with whom they had arranged the plot for a big clean-up. Led by Texas, the three champions of Sallie McCoy pushed thru the crowd. Texas stood before the young man who had made the announcement and laid hold of his bridle.

"I know it ain't goin' to do a bit of good to pro-test to this decision you've made—"

"Then shut your fly trap!" the young man advised.

"But I want to express my sentiments to your faces," Texas continued.

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holding back his wrath as a just man does the drawing of his weapon. "I've been among thieves on the highways and byways of the world before to-day, but I never run into a gang that was as low to the ground as you!"

The fellow jerked his reins to throw off Hartwell's hand.

"That's about all you need to say, pardner!" he warned.

"It does about cover the case," said Winch.

"You robbed that girl, and I want to tell you a set of crows that'd do a trick like that'd rob a church!"

#### Texas Had the Gun

Texas flung the bridle reins from him with disdain, making the horse shy and rear. The rider's face was black with rage.

"A bunch of tin-horns like you—"

Words were too weak for him; he cast them aside, spurred his horse forward in a sudden bound, plainly determined to ride his accuser down and trample him.

The crowd fell back with sharp cries. Texas sprang to meet the plunging horse, caught it by the bit, held it while it reared and struck at him in the agony of its roweled sides. The rider swung his quirt, bringing the heavy, leather-braided handle down on Hartwell's head.

Then followed, as quick as a man could sling a gun and fire, a thing such as no man in that crowd ever had seen before. The lean cowman threw a hand to the distracted horse's poll, while with the other he held the bit; forced the animal back to its haunches, its fore feet striking; twisted its neck and threw it, as neatly as if he had a rope on its leg.

The rider flung himself from the saddle as the horse fell, and struck the ground with his gun in his hand. There was only the length of the horse between them, and for a moment the bulk of the animal interposed as it struggled to its feet and galloped off. People cleared away from Hartwell like smoke before a wind, leaving him standing alone.

In the old gun-slinging days on the Arkansas Valley range there was but one thing to do when you drew your weapon, and that was to shoot. A draw for a bluff, a moment's hesitation—even the hairbreadth shading of a moment—was a thing generally fatal to your future calculations. That was where the unhorsed judge fell into error. He stood for a heart-beat with the gun in his hand, as if he did not know the code.

Texas covered the ground between them in a leap. The revolver went off as the humiliated judge fell before the stranger's rush, adding to the confusion of the mixup that the dust and smoke made for a moment indistinct. When things cleared a little Texas had the gun. He threw it down and set his big foot on it, and met his oppon-

ent hand to hand as he scrambled from the ground.

The danger over, the crowd closed round the struggling men again, with cries of derision and encouragement, curses, offers to bet on the outcome. Hartwell had hold of the quirt which the fellow had managed, somehow, to sling to his wrist by its stout leather thong. With a wrench he broke the leather and stepped back with the short rawhide whip in his hand.

There was blood on the judge's face, his hat was trampled under foot, his garments were covered with dust. He stood panting and winded, so heavily overmatched that he seemed to realize the uselessness of renewing the squabble, and to be waiting for some way to open that would let him out of it.

Texas was pulling the slack up out of his sleeve, swinging his long arm like a man getting ready to put a shot. Before many had guessed his intention he had the judge by the neck, and began whipping him as one might beat a vicious dog.

#### Then Winch Arrived

Protests rose as the dust flew out of the fellow's shirt, as he struggled and squirmed and struck wild blows, some of which fell on the man who chastised him, more of which missed. Men who would have held off in an unequal fight with a gun on one side and none on the other, pressed in and reached out to put an end to the castigation.

That was the point, in the height of the confusion, the heat of the crowd's partisanship, the face of the threat against the stranger, that Winch, the bow-legged man, came to the front.

He pushed himself into the little space that Texas kept clear by his whirlwind operations, his coat open, his hands on his guns. His elbows stuck out at a sharp angle, suggestive of steel springs, holding them ready to flash those guns before a man could half bat an eye.

He leaned forward a little, a peculiar eagerness in his thin face, an electric brightness in his eyes.

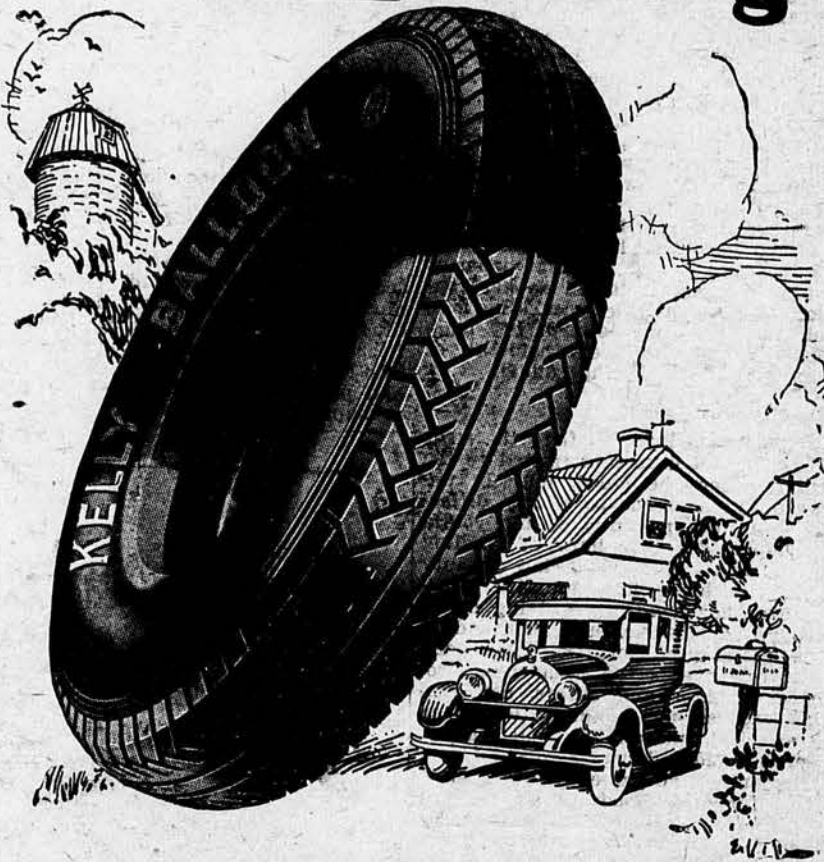
"Stand back, gentlemen, and let the law take its course!" said Winch, speaking very mildly, but in a voice that carried far even above the growl of the disgraced man's friends who were running to his support.

The crowd pressed back, the color dropping out of men's faces, whispers running from lip to lip like the ripple of wind over water. Nobody questioned the bow-legged man's authority, nobody put hand to a gun to defend the issue. Texas released his grip on the man's throat, gave him a parting blow in the face with his open hand, broke the whip and threw the pieces after him as he staggered away.

"Here," he called, picking up the gun, breaking it and ejecting the cartridges, "take this thing with you, you ornery houn!"

In the confusion attending the fight

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### "Lay Off" Abusing the Kids

**A** RETIRED clergyman in Cleveland rises to remark that America's youth is degenerating into a set of flabby, soft, carefree, conscienceless—oh well, you know the customary epithets.

There's nothing so very new about this sort of thing. From time immemorial it has been the custom for the graybeards to take periodical wallops at flaming or near-flaming youth. Always the cry of "what is the younger generation coming to?" is heard in the land.

Back in 1915 and 1916 it was the same. Our young men were assailed freely, in press and pulpit, as lacking the sterner virtues that should characterize the free-born American male. It was pretty generally agreed, among the viewers-with-alarm, that America's young men weren't what they used to be.

Then came 1917 and the war.

What happened?

The giddy, spineless young men, who had seemed to care for nothing but ease and pleasure, proved that they could stand their share of pain and danger and hardship and fatigue and darkness as well as any. The rant of the graybeard faded and was heard no more when the barrage lifted at St. Mihiel and when the destroyers went slicing thru the cold North Sea waves on their dark hunt for death. Even the blindest of us saw, once and for all, that our young men, no less than half a century ago, were the proper stuff of which to build nations.

But now the war is over. And the old, old cry is being heard again.

What is there to it, anyway?

Nothing whatever.

Our young men—and young women—are our only hope. We older ones—what hope do we hold out? None at all. We have learned to bury our ideals and fine impulses and noble hopes beneath a layer of caution and conformity. No splendid, daring challenge to hide-bound tradition and deadening custom can be expected from us. It is for the young to do.

So let's have a holiday from this eternal criticism of our youth. The young men and women in America today are not a whit worse than the young men and women of 20 or 50 years ago. Probably they're better. Lay off.

the other two judges rode off and, it appeared also, the bookmakers who had profited by their crooked award had vanished as well. A clamoring crowd of cowboys and cattlemen was sweeping across the field looking for them, and others were hastily fetching their horses and loosening their ropes with unmistakable signs of hostility. In the whirl of it Texas lost sight of Winch. Altho he looked for him with the intention of thanking him for his timely support, the little bow-legged man could not be found.

Turning to leave the field, he saw Sallie McCoy, who had ridden up near the place where he had lashed the dishonest judge with his own rawhide. There was something of gratitude and admiration in her face that thrilled him, and an elusive message in her clear brown eyes that warmed him to the marrow and made him proud. He touched his hat as he looked up into her face.

#### Uncle Boley Was Happy

She bent her head a little in acknowledgment of the salute. A rich flood of color rushed over her face, and Texas was not sure, but he believed that she smiled just a little as she wheeled her horse and galloped away. It was as if she had waited there for that exchange of courtesies, as one who is incapable of smallness in either thought or deed stands by to give a word to another of the same spirit whom he never may meet on the world's long road again. It was an obligation of one brave spirit to another, and, being paid, there was no more to linger for.

Texas watched her as she rode away, and was standing gazing like a man in a dream at the dust that hung after she had passed from his sight beyond the corral gate, when Uncle Boley found him. The old man offered his hand, his blue eyes sparkling with satisfaction.

"You dusted that feller's hide, and you dusted it right!" he said. "It was worth all that gang crooked out of me to see that, and I ain't got no regrets, only that I roped you into it, Texas, and made you drop that roll you won."

"I'm richer a sight, sir than I was two hours ago," Texas said. "I've got fifty dollars left. It's at your disposal, sir, to the last cent, if you can use it."

"You ain't under no obligations to me that money can pay, Texas."

"Thank you, sir; you're most generous. I was lookin' around for that little man that squared in here and held that crowd off while I was larrupin' that hide-bound houn'-dog. He seemed to get clean away. Do you know who he was?"

"Yes, that was Dee Winch, one of the nicest little fellers in this town. But I wouldn't thank Dee for what he done, if I was you. He's like me, he don't want anybody to thank him. When you meet him just shake hands with him and look him in the eyes and don't say nothin' at all. Dee he'll understand."

"Yes, sir. He seems to be a powerful nice little man."

"Dee is a nice little man, the nicest man, big or little, you'll meet in many a day. Yes, sir, Dee—he's killed nineteen men around here in the last four years!"

#### "Have You Got a Gun?"

"So you and your pa you put your money in real estate up there in Kansas City when you sold your ranch, and them sharks cleaned you out, eh?"

"They scraped our bones, sir. But I paid out; I don't owe any man, livin' or dead, a cent—in anything that money will pay."

"No, I bet you don't, Texas. Well, I'm glad you give me the inside and straight of your history, for I'm more'n a little pettie'lar who I introduce to Sallie McCoy."

"I'm glad to hear you say it, grandpa."

"Don't you 'grandpa' me, gol dern you! I ain't no man's grandpa!"

"No, sir, of course you're not, sir."

"But I may be before I die. I ain't so danged used up as some men of forty-seven I could name."

"Nor some of thirty-five, I bet you a purty, sir."

"Well, I can hold up my end of the log along with most of 'em. They all call me 'Uncle Boley' around here, but I ain't nobody's uncle, neither. I don't mind that; I've known boys of ten that was uncles. You can set in young bein'

a uncle, and keep it up as long as you live."

"Yes, sir; you sure enough can, sir."

They were back in Uncle Boley's shop, and the old man was smoking his pipe, the day's work being done. Uncle Boley had insisted that Texas accept the boots from him as an appreciation of the pleasure the afternoon's adventures had given him. The old man said he didn't think it was quite decent for a gentleman to go around in shoes, for a person couldn't tell where his body ended and his legs began in that footwear.

Texas had accepted the gift gratefully, and now he sat with his feet crossed, with something in his eyes that looked like pride to Uncle Boley, as he regarded the neat insteps and handsomely quilted tops.

"Have you got a gun, Texas?" The old man turned a shrewd eye on him, his pipestem stayed two inches from his mouth.

"No, sir, I haven't got a gun right now."

The old man smoked a little while, a look of wise contemplation in his benevolent face.

"Yes, I'd git one right away to-night if I was you. Mebbe two."

"Do you suppose I'll have any urgent need for a gun, sir?"

"Well, Texas, I wouldn't be surprised if you did. You know who that feller you larruped was?"

"No, sir, I didn't stop to inquire his name."

"He was Johnnie Mackey, mayor of this town, and owner of the biggest gamblin' house and dance-house-saloon here."

Texas received the information with unmoved countenance. He sat staring out into the street, his legs stretched comfortably in his new boots, as if what he had heard was the lightest of incidental gossip. Uncle Boley watched him covertly, turning his sly old eyes. He liked the way Texas took it; that was a mighty good sign of a man.

"Well, sir, I reckon I had better buy me a gun," Texas said at last, very softly.

(TO BE CONTINUED)

#### Poor Chance to Win

They hardly ever win, these super-criminals, so often glorified by the thoughtless. "Marty" Durkin enjoyed quite a criminal reputation around Chicago. He wore a steel vest and was known as a "killer." A pair of detectives dragged him out of a sleeping-car in St. Louis the other day after he had doubled and turned and twisted back and forth and up and down the country for several weeks. In all probability he will trouble officers of the law no more, for two or three murder charges wait for him in Chicago. A little while ago Gerald Chapman was something of a hero, to a good many lack-wits. His lawyers have exhausted about every means of keeping him from the gallows. One of Chapman's friends undertook to avenge him and shot two witnesses to death. He roamed around, a hunted fugitive for a few weeks, and was shot to death resisting arrest. The "super-bandits" and "sheik robbers" are mostly human rats, and are hunted like so many human rodents.

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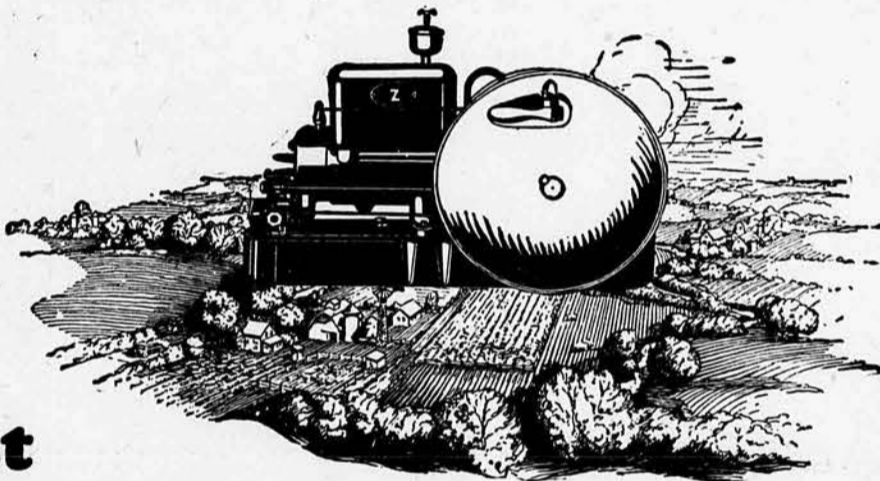
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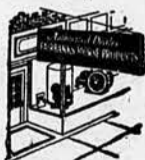
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# What Becomes of the Corn?

## Is it Possible to Increase Commercial Marketing and Also the Price Levels?

BY GILBERT GUSLER

**C**ORN is America's wonder crop. It supplies 50 per cent of all the harvested feed consumed by our livestock. The human population in the United States uses from one-third to one-half as much corn and corn products as it consumes of wheat.

The natives of the West Indies were eating cakes made from corn when Columbus arrived. The Pilgrims found stores of corn belonging to the Indians near Plymouth Harbor. The Incas of Peru knew the vice as well as the virtues of corn; using it for alcoholic drink as well as for food, despite an "Eighteenth Amendment" which that primitive people tried to enforce.

With improved varieties and modern cultural methods, much larger yields are produced than those obtained by the aborigines. Today, the single kernel planted returns from 200 to a thousand fold. Individual countries in the Corn Belt probably produce as much corn as all the Indians in all three Americas 400 years ago.

Corn exceeds any other crop in value. The grain alone in the 1925 crop at December 1 farm prices was worth \$1,956,326,000, compared with \$1,611,378,000 for cotton and cottonseed, the next largest crop, and a total of \$8,611,839,000 for all crops. Even this does not reveal the full wealth created by the corn crop, as the corn fed off the farm in the majority of years brings more in the form of meat, milk or other animal product than it would if sold as grain at the average price used in determining these values. Moreover, the stover has a value of around 150 to 200 million dollars annually.

Corn is our best silage crop. It is the fattener par excellence for finishing cattle, hogs and sheep. It is the main concentrate in the ration of our dairy cows. Horses and mules consume more corn than oats. Its chief dietary shortcomings arise out of its abundance. It is to the livestock industry as coal is to manufacturing and transportation.

The acreage planted to corn every year is larger than for any other crop. It is nearly twice as large as the wheat acreage, and over twice the area in oats or cotton. It is a third larger than the acreage of tame and wild hay combined.

While it is customary to think of corn as confined largely to the Corn Belt, it is grown on more farms than any other crop. Three farms out of every four in the United States produce corn as against only two out of three producing hay, one out of three

producing oats or cotton, and a little less than one out of three producing wheat.

About 5 per cent of the corn acreage is cut for silage, and 10 per cent is hogged down or used for forage. This leaves 85 per cent to be husked as grain. Great variations in these matters are found in different states. In New England and New York, Wisconsin and the Pacific Northwest, 30 to 60 per cent is cut for silage.

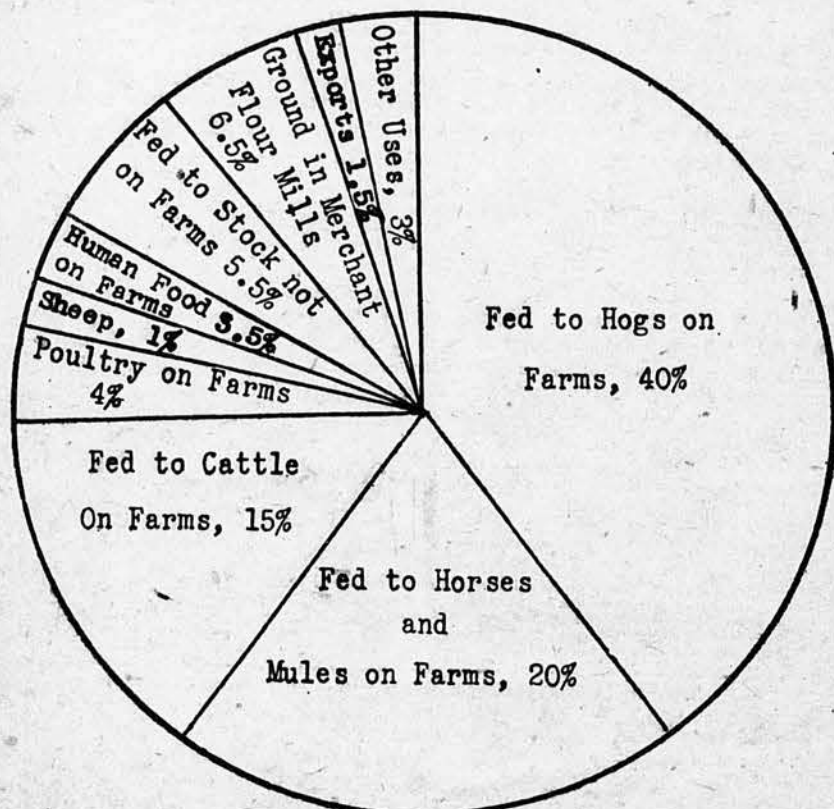
With 40 per cent of the crop consumed by hogs, according to a 10-year average, it is obvious that the number of hogs on farms to be finished with corn is the chief element in the potential demand. If there are many hogs in proportion to the size of the crop, then corn is likely to become scarce, as the crop year advances. One of the chief difficulties at present is that the Corn Belt states, where the surplus supplies most of the corn entering commerce, have practically the largest crop they have ever produced, but have about 20 per cent fewer hogs than the average of the last five years. With variations of 12 to 15 million head of hogs in these states, great fluctuations in farm consumption of corn are bound to occur.

### Sales From 1 in 7

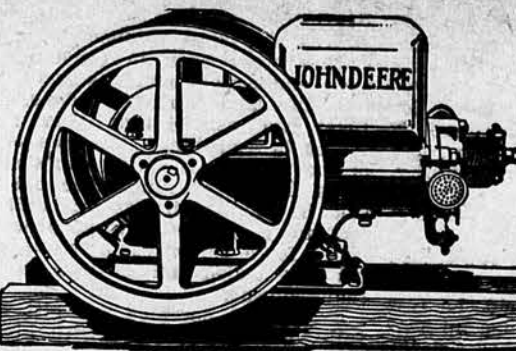
The amount of corn used by livestock can be adjusted to a small supply and high price by lighter feeding of working, breeding and growing animals and milk cows and by earlier marketing of fattening animals. Such adjustments are not so easy with hogs as with other classes of livestock. Severity of the weather and the length of the winter feeding season are other important variables in the demand for corn. In the 1924-5 crop year, for example, 2,354 million bushels were consumed in the United States, compared with an average of approximately 3 billion bushels in the three preceding years.

As an average of the 10 years, 1915 to 1924, 81.2 per cent of the crop was consumed right in the country where grown. According to the Census of 1919, only one farm out of every seven that was producing corn reported sales of corn. The amount shipped beyond county lines averaged 18.8 per cent for the last 10 years, and never exceeded 25 per cent. Only half of this shipped corn, or 9.3 per cent of the total crop, reached the leading primary markets. About one-fifth of the corn reaching primaries, or 2 per cent of the crop, went for export.

When the crop is large, both the per-



This Chart Shows What Happens to the Corn—After it Has Got Past the Hot Winds and the Weeds!



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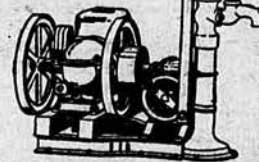
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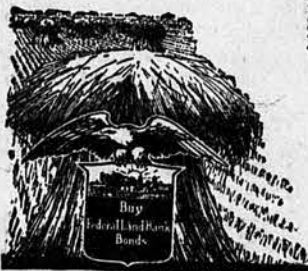
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centage of the crop and the total amount marketed are larger than when it is small. When the quantity of livestock to be fed is below normal, more corn is available for shipment, but if prices are low, it may be held back on farms until prices improve, or until it can be converted into meat or other animal product.

This corn moving out of the county where grown, amounting to 534 million bushels on the average in the last 10 years, supplies the demand from feeders and dairymen in the corn deficit sections, the needs of merchant flour mills, starch and glucose factories, and feeds the livestock in towns. The Department of Agriculture once reported that 59.3 per cent of this shipped corn moved east, 8.4 per cent west, 9.5 per cent north and 22 per cent south.

### Distillery Market Gone!

According to the Census Bureau, 114 million bushels of corn were ground in 1919 by flour and grist mills in the production of corn flour, hominy, breakfast foods and similar products. This is less than usually is credited to these users of corn. Corn industries ground 75,349,181 bushels in 1924, equal to 2½ per cent of the 1923 crop. Distilleries formerly took about 35 million bushels a year. Today, about 5 million bushels, in addition to some corn sirup and sugar, are used in the production of alcohol. The amount consumed by livestock not on farms is about 125 to 150 million bushels a year. Adding these items and the exports, and deducting the total from the average amount of corn shipped from the county where grown, leaves about 150 million bushels, which, presumably, represents the amount shipped to feeders and dairymen in the deficit sections.

The list of commercial products coming from corn is an extended one, numbering 100 items or more. Besides the well known products such as cornmeal, flour, hominy, breakfast foods, starch, sugar, oil, glucose, gluten feed, corn oil cake and alcohol, there are many others. Dextrin is a corn starch derivative used for the mucilage of envelopes. Another form is used to hold together the sand cores in making castings. A gum from the corn germ can be employed as a substitute for rubber in erasers, rubber sponges and in synthetic sole leather. These minor products, of course, use the merest trace of the crop.

While this country produces 70 to 75 per cent of the world crop, and 10 states in the Middle West grow half of the world total, only 1 bushel out of 50 produced finds its way beyond our boundary lines. However, the crop is so large that this small percentage exported constitutes 15 to 20 per cent of the 250 to 350 million bushels in world trade.

Moreover, export trade is of more importance in establishing prices than these figures would indicate. While only 1 bushel out of 50 grown goes for export, 1 bushel out of 5 reaching primary markets is sold abroad. Three of our near neighbors, Canada, Cuba and Mexico, are importers of corn, and we have first claim on this trade. Sales to the importing countries of Western Europe are dependent on underselling the other exporting countries, chief of which are Argentina, Rumania, Yugoslavia and South Africa.

Exports of hog products in recent years have been the equivalent of about 10 million hogs annually. Since every hog represents about 20 bushels of corn, we are sending about 200 million bushels of corn abroad every year in that form, compared with an average of 57 million bushels as grain and meal.

### Small World Trade

Based on these observations on the way the corn crop usually is disposed of, some pertinent comments can be made on the present situation.

The main difficulty is not the large supply so much as it is the unbalanced distribution in different sections and the fact that we are short on livestock. The large yield in the states which produce most of the corn entering commerce and their reduced hog population already have been mentioned. The Southern crop is small, and these states will buy more than usual, but they will not increase their purchases in proportion to the decrease in their own yields. If the usual corn deficit states had a large crop and the Corn Belt a moderate yield, with the total crop just as large as at present, there would be little concern over a corn surplus.

Since the total world trade in corn only runs to 250 or 350 million bushels a year, world prices probably would be greatly affected if the United States should endeavor to force another 100 to 150 million bushels on the world market. Argentina would be the chief sufferer, as 50 to 70 per cent of her crop is grown for export. Importing countries take corn primarily for animal feed. With one or two exceptions, European countries have not learned to eat corn. They are habituated to the use of stale bread, and cornbread is not palatable in that form. In some cases, offers of corn in relief work have been resented by the people as an insult or an effort to poison them. There has been a healthy increase in the use of corn grits abroad in recent years, but the total of our exports of hominy and grits in 1925 was only about 20 million pounds, equal to considerably less than 1 million bushels of corn.

The domestic market can be expanded by the use of corn sugar and glucose in place of some of the 7 or 8 billion pounds of imported cane sugar. The substitution of corn sugar to the extent of 2 or 3 billion pounds seems easily possible. Full substitution is hardly to be expected, as corn sugar and glucose are not suitable for some uses, altho they are preferable to cane sugar for others. In sweetening properties, corn sugar and cane sugar compare about as 5 is to 8, but in energy value they are the same. Corn sugar, in fact, is virtually a predigested form, as it is the kind of sugar to which all other sugars and starches are converted before they enter the blood stream.

### More Corn Sugar?

One hundred million bushels of corn would produce about 2½ billion pounds of corn sugar. This would be a substantial quantity of corn to take from the amount entering commerce. Of course, it would take time to develop this market and to build the plants. Moreover, this increase in the industrial use of corn would just about offset the decreased use brought about by the decline of 5 million head in the number of pigs raised in the Corn Belt in 1925 compared with 1924. As a consumer of corn, one pig is equal to five or 10 human beings.

Another industrial use to look forward to is the manufacture of alcohol to take the place of the shrinking supply of gasoline, as our oil reserves are reduced. Cheaper methods of producing alcohol from corn are one of the probable developments of the future.

Increased use of corn in the manufacture of glucose and corn sugar means a larger supply of gluten feed. This now finds its principal market among the dairymen of the East rather than the feeders in the vicinity of the corn manufacturing plants. At present, the amount of gluten feed consumed in this country is about one-fourth of the total amount of cottonseed meal and linseed meal fed.

### Farming is on the Upgrade

(Continued from Page 10)

his new bill, introduced in the House January 4, it appeared we had approached some common ground on the points just now referred to, and I frankly and openly said so. I tried to make it plain that I want to give full consideration to constructive proposals directed to the surplus problem, even tho I did not favor all the provisions of the Dickinson Bill as introduced. There has been a general discussion of late as to the formation of a federal farm board or commission as embodied in the Dickinson Bill and other proposals. I see in a rightly constituted agency of this nature the possibility of attacking the surplus problem in a constructive and scientific way along the broad lines I have indicated. Furthermore, there is a broad field of action for such a board as a powerful spokesman for American agriculture.

A motorist ran over a farmer's hen, and being a true gentleman he stopped his car, told the farmer he was sorry and, offering him a dollar bill, asked if that would make it all right.

"Wal," said the farmer, "perhaps you had better make it \$2. I have an old rooster who was mighty fond of that hen, and the shock of her death might kill him too."

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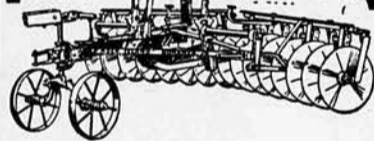
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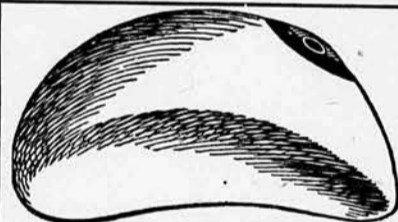
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## What the Folks Are Saying

FOR a good many years I always carried my week's gathering of eggs to town and traded them for groceries and thought it good business, but experience eventually taught me the folly of the system.

In the first place, I acquired the habit of trading at only the general store and accepting whatever was to be had whether it suited me or not.

I seldom knew exactly what I was going to get for my eggs so I never knew how much money I might plan on spending. Consequently I was always just a little behind with my bills.

My eggs were just eggs to the groceryman. To myself they were guaranteed strictly fresh and infertile, and were so carefully packed as to make grading easy. That meant nothing to the groceryman, so far as I was concerned.

In one instance the price of various commodities I needed had a very peculiar way of slipping up as the price of eggs advanced! Strange, but true!

Eventually I began shipping a case of eggs a week to a city dealer. My eggs are paid for according to grade, and I take pains to see that they are the best grades. I know now just what I have to spend when I go to the nearby town. I trade where I can get the best for my money, and do not buy that which does not suit me, as I did before, for I go from store to store until I find what I want. My egg money now buys more than just groceries. Lastly, merchants like the cash, too, and they have a wholesome respect for the customer who pays it, so, taking it all around, the system of selling eggs for cash is very much more satisfactory than trading them in on a store bill. Rosa D. Willis, Mancos, Colo.

### Radio Helps the Home

I think the radio is about the nicest thing invented for anyone who has to be at home very much and cannot get to the cities to the movies and other entertainments. For instance, in the winter, as a rule, the roads are in a bad condition, and traveling cannot be done very easily, so if you have a radio you can be right at home with your family, sitting by your own fireside keeping nice and warm, and listening to all the music you care for, and sermons, too.

You also can hear your market reports, and where is a farmer who is not interested in knowing the prices on the things he has to sell? It will save a farmer money to get the daily

market reports, as he will then know when prices are highest.

Another interesting thing about the radios is the nice little bedtime story, for the children, which interests them more than anything else.

The young folks in the family always long for pleasure, and the winter evenings may be slow to pass, but when there is a radio in the home it will keep them all interested, so the evenings go by before they realize it.

Radios are a pleasure to the young folks as well as the old folks, and the children. A radio would make a very nice gift for any family.

Grinnell, Kan. Mrs. H. Heinze.

### 'Tis a Real Garden

"Eternal vigilance" is the watchword of Mrs. Lily Bowers Crampton, one of the most successful gardeners in Cowley county.

"It's just a matter of keeping ahead of the game all the time, from day to day and year to year," explains Mrs. Crampton, who has been practicing what she preaches for 40 years.

"When my sister and I were little girls mother gave us gardens of our own, and we have been gardening ever since, no matter what else we have to do.

"To begin with, I make an effort to raise things just a little before or after other crops are coming on, and try to put something exclusive on the market.

"Then I watch the weeds and never let them get a start. If one weed ever gets a start, there's twice as much work to be done.

"I specialize on okra, and am about the only person in this section who raises it."

Mrs. Crampton's garden is only about 125 by 100 feet, but in it she raises okra, peas, beans, tomatoes, potatoes, squashes, lettuce, rhubarb, strawberries, parsnips, beets and carrots. She has the planting of these things down to a science of her own.

"We put ashes from our stoves on the garden lot all winter. As soon as it is possible to work the ground, my husband plows deep and harrows it until the dirt is very fine.

"Then I begin early in February to plant. Whatever is planted early is planted deep. I plant peas, parsnips, beets and carrots very early. The frost won't hurt the peas, especially. I plant beans two or three days before Easter.

"It's very important to begin cultivating before the plants come thru the



Settling the Affairs of the Nation Then and Now

## Let's put back what we take from the soil

**M**EN who make good money at farming are very careful to keep their soil fertile and rich. They realize that there are poor years and good years in farming but that the man who puts manure on his fields in the right way will reap big profits.

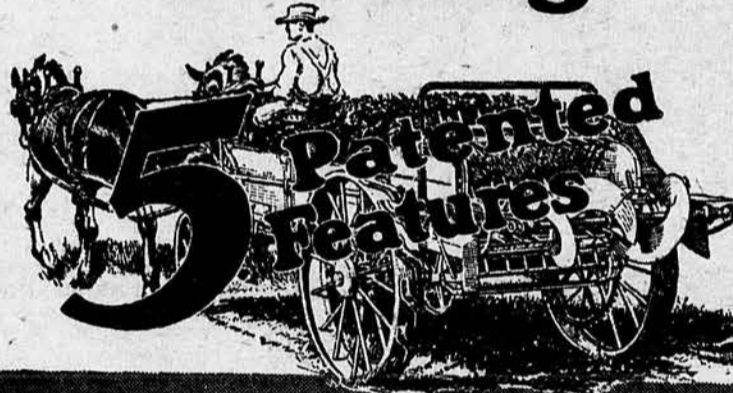
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earth. In this way no weeds can get a start.

I cultivate once a week regularly, and always after every rain.

"Okra probably is the hardest thing I raise, for insects never seem to bother it. It is planted about the first of April. The pods are picked when young. From one row I harvested 114 pounds, and I get about 7 cents a pound for it.

"Tomatoes I manage this way: I plant the early tomato seeds late so my crop starts when other crops are about over. In this way I get 14 cents a pound for almost all my tomatoes, sometimes more.

"Cylmings and early squashes are good sellers. The little patty pan squashes are the best. My crop usually begins about the last of June, and I get 5 cents apiece. I usually harvest about 75 twice a week until the market is flooded with them.

"Beans of the Bush Lima variety are not raised much around here. That's the reason I raise them. The bush beans are hardy and fairly easy to raise. Sweet mangoes, too, are always in demand and bring good prices.

"Potatoes are sometimes more difficult because of the potato bugs, and if squash bugs get a hold—oh, my! I had both kinds last season. Because I thought potato bugs had ruined my potatoes, I planted squash and pumpkins between my potato rows. The squash bug appeared. Every morning I went out and picked off all the bugs and destroyed them as they appeared. When I dug the potatoes, the squash and pumpkins had a chance to get more nourishment at the roots, and such growth I never saw! I have enough pumpkin canned to last several years.

"A good way to prevent plants from freezing is to get up before sunrise, if there's been a frost, and sprinkle cold water over the plants before the sun shines on them. I've saved crops many times this way.

"Another way to save time and money is to keep your own seeds. From each crop I save part of a row for seeds, letting the plants mature. I pick and shell the pods and put them in sacks to dry. Then I store them in glass jars sealed to keep the weevils out. There's no use trying to keep seeds unless you seal them as carefully as you would any canned goods."

Besides her vegetables, Mrs. Crampton has some fruit to sell, and she cans quantities of vegetables and fruit every year, so that she practically raises the food eaten by the family, besides selling \$100 worth of vegetables. Prizes from the fair bring in another \$20 or more. Sometimes she sells canned fruit, too.

Mrs. Crampton uses a hoe and fine rake for her garden work almost entirely. She says she can write better after being in her garden all day. She writes for local newspapers, and the State Grange and National Grange publications. She is active in club and community work. She says she finds time because she always does her work in "job lots" instead of a little at a time. She is of a pioneer family, and came with her parents here about 40 years ago.

Julia Gontrum Hill.

Arkansas City, Kan.

### Trimming is Easy Now

I made a curved knife some time ago from a piece of scrap steel and riveted it to a strong broom handle. It is the most efficient tool I ever saw for trimming the old canes out of blackberry and raspberry bushes, and also in trimming all kinds of shrubbery. The hook is handy in pulling out the canes after they are cut. Any handy man can make and temper it. The knife should be about 1 inch wide to give strength, and ground sharp on the cutting edge.

W. N. Oles,

Cottonwood Falls, Kan.

Miss Murphy is a teacher in one of the lower grade schools at Northampton, Mass. She was teaching her pupils to repeat in concert the 23d Psalm. She felt that one little boy was not saying it correctly. The next time the class recited the psalm she stood near this boy, and found, when it came to the verse, "Surely, goodness and mercy shall follow me," etc., he said, "Surely, good Miss Murphy shall follow me all the days of my life."



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Dreadnaught Tire Chains give you safety on slippery roads. Mud, snow and ice have no terrors for you. For Cord, Fabric, Balloon and all truck tires there's a Dreadnaught Chain. "Three Cross Chains Always on the Ground" give the Cord Tire Chains a tractor grip on skiddy roads. The Patented Blue Boy Fastener allows you to slip Dreadnaught chains on and off in a jiffy.

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Here are seven kittens in a room. By drawing three straight lines you can put each kitten in a room by herself. When you do this, send me your answer right away and I will immediately send you FREE full information of my grand distribution offer of more than \$2,000.00 in cash. I will also send you a certificate for 650 points and tell you how you can get 100 more points which will win first prize of \$750.00. I also offer \$250.00 in cash for promptness, or \$1,000.00 in all. 750 points win \$750.00. Being prompt wins \$250.00 more. Fifteen big cash prizes totaling more than \$2,000.00 will be decided April 24th.



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10th "	20.00
Next 5 each	10.00

Send your copy in now for Hatching Eggs and Baby Chicks if you want to get the early orders.

# Decorating for the Valentine Party

By Agnes Curtis

IT IS always a puzzle for the hostess to find original ideas to carry out her plans. The picture shows what can be attained in the line of table decorations for a Valentine party. The best part of it all is that the decorations can be made by the hostess herself with very little expenditure of time and money.

In making the centerpiece, fashion a large heart of medium weight wire, leaving an end at the point of the heart. Over this frame stretch two pieces of red crepe paper, one on each side. Slash the heart on one side into four points, turn them back and inside the cut heart paste a clown clipped from decorated crepe paper. Cover a box (the lid separately) with strips of red crepe paper cut about 3 inches wide and into points about 2½ inches deep and 1 inch wide thru the center. Paste it on in overlapping rows. In the center of the top insert the end of a wire, bend it flat to the under side of the lid and fasten it in place with gummed cloth tape. Finish the top with a large bow of red ribbon.

For favors, make attractive little caps. Cut strips of white crepe paper, cross grain, about 10 inches wide and long enough to fit around the head. That would be about 22 inches. Paste the short ends together and gather one long edge tightly, fastening it with spool wire. Then turn the lower edge back 1 inch for a band. To top the cap, add a frill of red crepe paper which is a strip of crepe paper gathered along one edge and fastened to the top of the cap with spool wire. In fashioning the ruffs, cut strips of white crepe paper, cross grain about 6 inches wide. Gather four or five pieces together thru the center. It would be easy to gather it on the sewing machine. Cover the gathering with white ribbon on which is pasted a decoration of heart seals. Leave the ends of the ribbon by which the ruff is to be tied in place.

For the napkin holders, wind two pieces of medium weight wire with strips of red crepe paper together, leaving free 1 inch at the end. Bend in the shape shown in the picture and one end into a flat spiral for the base. Paste hearts and kewpie cut-outs to the other ends left free. Between them insert a dainty napkin. For the trimming hanging from the wall, fasten an umbrella frame upside down to the ceiling light, decorate it with white crepe paper moss and hearts together with heart wing cut-outs.

The side walls may be embellished with strips of decorated crepe paper brightened here and there with arrow-pierced hearts.

OUR booklet, "Red Letter Day Parties," will suggest games for your Valentine party. "Fun Making Games," is made up of games for general occasions but adaptable to any affair. The booklets sell for 15 cents apiece, or the two for 25 cents. Order from Book Editor, Kansas Farmer, Topeka, Kan.

## Colors and the Disposition

GLOOMY colors, such as dull black, medium grays, medium and dark browns, blues, purples, greens and reds absorb the light. When used in large masses in a room, as on walls or for floor coverings or draperies, the room requires much more direct sunlight to make it livable. Even two or three windows cannot let in enough sunlight to banish gloom from an average-sized room when it is papered in medium or dark colors. Because gloomy colors absorb light, more artificial light is required at night to make the room cheerful.

It is a well-known fact that the presence of certain colors tends to make one feel ill at ease or calm, irritated or soothed, disturbed or pleased, depending on the colors used. Gloomy colors in a home may be as depressing as a series of gloomy days. Cheerful colors for the home are more attractive, more interesting and more pleasing both to the family group and to friends. They cost no more. Why not select them?

Tho it would be unwise to use intense yellows or oranges for wall decoration, since they, like all intense colors, stand out at the expense of other furnishing, these sunlight colors in softer shades, are cheerful and form most satisfactory wall colors. Then the use of bright colors for draperies, cushions and vases can be depended on for building up a cheerful color scheme for a home.

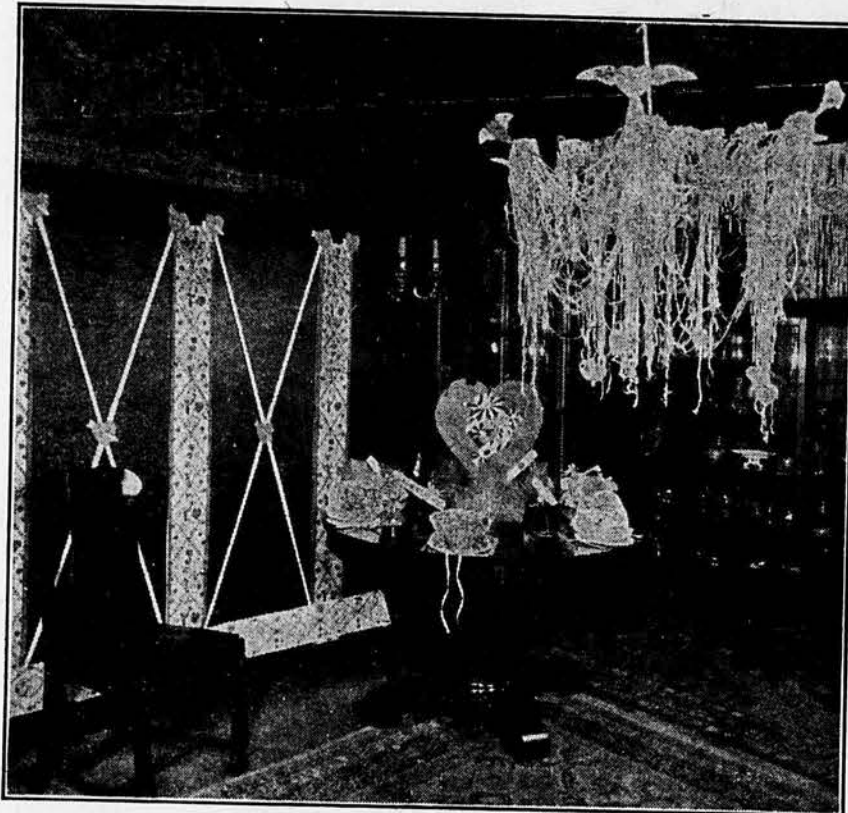
## My Garden Yields Pin Money

By L. Mabel Smith

TO THE one living near a town, even tho small, and wishing a method of making money at home, I want to suggest planting for a surplus in your garden. From the time rhubarb and winter onions are ready until the last pepper is gone—yes, and the pumpkins and squash—I have a mar-

ket for practically all of the garden truck we cannot use. More calls are received than I can fill, as a rule. Much of my produce is sold in 25 or 50 cent lots but for this I do not have to make a trip, the customers being glad to call for what they want.

I do well to supply my own large family with lettuce, peas and radishes, but spinach, carrots, beets, turnips and the like are easy to prepare for market. For these, as well as cauliflower and asparagus, I find the restaurants are my best customers. I keep well posted on prices by the pound and sell enough cheaper to warrant their buying from me instead of securing shipped-in produce. The first slicing cucumbers sell readily from the butcher shops and two rows last year netted me almost \$15. I also sold cucumbers later for pickling.



More orders for sweet corn by the dozen, early tomatoes by the pound and later by the bushel came in than I could fill. Cabbage is so generally grown that I do not often raise more than we can use.

Onion sets planted a little late sell well at mixed pickling time when they are just the right size. I have found that the big, white Bermuda onions grown from frost-proof sets bring 10 cents more a pound than the usual varieties. Lima beans and navy beans, tho the latter are more difficult to harvest, bring unusually good prices.

Aside from my garden produce, I have realized quite a bit from a row of peonies planted in the garden. These are in bloom for Decoration Day.

We have not noticed that caring for the larger garden took much more time than before we sold produce. Whether it is the thrill of earning money, the spending of it, or the pleasure of watching my plan develop I do not know, but I really have enjoyed the venture. A good way to advertise your garden is to give some of it away occasionally. This is how we began. These friends would invariably

## Announcing Farm and Home Week

THE dates this year are February 8 to 13. If you've been there before, no need for me to tell you that the programs planned for women always are interesting—a veritable short course on subjects concerning the farm home. This year the home and family will be stressed. There will be demonstrations on household equipment, and lectures on food and child care. Dr. Florence Brown Sherbon of the University of Kansas, who is well known thruout our state because of her work with the Fitter Family project of the Kansas Free Fair, will discuss "fitter families." But it will not all be study. Every afternoon at 4 o'clock there will be an hour of play under the direction of the physical education department of the Kansas State Agricultural College. A vacation spent at Manhattan as a Farm and Home Week visitor will be an enjoyable as well as worth while rest.

return and ask to buy, bringing their friends and neighbors with them. We have found that it always pays to have produce clean and fresh and in the market as early as possible.

## Even Cold Winds Won't Matter

By Helen Lake

FLYING about the countryside at the rate of 25 and 30 miles an hour is one of the very best reasons why your supply of toiletries should include a protecting cream or an almond hand lotion that may be used as a powder base, also. There are any number of reliable brands in both articles and I have a list prepared for your convenience if you wish help with your shopping.

After cleansing the face thoroughly with cream—not soap and water before going out of doors—apply a very thin base of vanishing cream, protecting cream or the lotion. Too much of either the vanishing cream or the protecting cream causes the skin to feel unpleasantly coated. After placing your rouge, if you use it, fluff powder over the base and your skin is fully protected against hot sunshine, cold winds and dust. Upon your return, cleanse the face with cream again and it is ready for a soap and water bath.

Address beauty inquiries to Helen Lake, Kansas Farmer, Topeka, Kan.

## Household Short Cuts

By Our Readers

ALL OF us are on the lookout for suggestions to make our house-keeping easier or our homes brighter. Perhaps you have discovered some short cut that your neighbor doesn't know about. If so, won't you tell us about it? For all suggestions we can use we will pay \$1. Address the Short Cut Editor, Kansas Farmer, Topeka, Kan. Include postage if you wish your manuscript returned.

## Whole Wheat Porridge

ON THESE cold mornings, we like whole wheat porridge for breakfast. Grind the wheat as fine as cornmeal. To make the porridge, use a double boiler and when the water boils, stir in about a cup of the meal, add salt and cook well. Serve with cream and sugar. This is very nutritious as well as delicious. I also use the meal in muffins and pancakes with a little white flour, and we think it improves them. Mrs. Joe Rarick, Nemaha County.

## Try Steaming Out Wrinkles

WHEN a fur-lined coat becomes badly wrinkled, do not attempt to press it with a hot iron as the heat will injure the skins. Instead, take a wet sponge and thoroughly dampen the outside material, then put the garment over a coat hanger and hang on the clothesline in the open air. By the time it has dried, the weight of the coat will have removed practically all the wrinkles. Zelta Matthews, Scotts Bluff Co., Nebraska.

After washing and drying a fruit jar that has been emptied, screw or clamp the lid back on the jar before storing it away. This will save much time spent in fitting jars and covers next canning season.

## Salad Piquante

A RATHER unusual but delightful salad is this calling for oranges, pimento and onion. Peel 3 seedless oranges, removing all the white membrane. Cut in slices crosswise. Arrange on lettuce, allowing two or three slices to a serving, depending on the size of oranges used. Overlap the slices slightly and heap them with a mixture composed of ½ cup chopped pimento and ¼ cup chopped onion. Pour salad dressing over and serve.

## Help for Dressmaking Time

FEBRUARY is the month that sewing machines will fly in most of our homes. Dressmaking brings with it some puzzling questions. How shall this collar be finished? How can I give a tailored look to that costume? These are only two of dozens of other questions that are answered in our little booklet, "Hints for Dressmaking." Handwork for morning dresses, underwear and children's frocks, is suggested, and the quite lengthy discussion of what styles are suited to different types will be sure to interest you. Order "Hints for Dressmaking," from the Book Editor, Kansas Farmer, Topeka, Kan. Price 15 cents.

## Spring Calls for New Frocks



2654—This model is fashioned on slender, youthful lines and is conservatively correct for all daytime occasions. Sizes 16 years, 36, 38, 40, 42 and 44 inches bust measure.

2051—Attractive Apron Style. Sizes small, medium and large.

2461—Style Suitable for Stout Figures. By varying materials and trimming, this style is adaptable to garments for almost any occasion, including the house dress. Sizes 36, 38, 40, 42, 44 and 46 inches bust measure.

2657—Junior Flared Frock. A two-piece skirt is joined to a two-piece waist section in this clever little model. Sizes 6, 8, 10, 12 and 14 years. Transfer pattern No. 718 in blue or yellow, is 15 cents extra.

1870—Slip-on Apron or House Dress. Sizes 34, 36, 38, 40, 42 and 44 inches bust measure.

2663—Charming Style with Flared Skirt. This design expresses the molded line with flaring sides. Sizes 16 years, 36, 38, 40 and 42 inches bust measure. Transfer pattern No. 709, in blue or yellow, is 15 cents extra.

Any of the patterns described on this page may be ordered from the Pattern Department, Kansas Farmer, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired. Our new spring catalog is 15 cents, or 25 cents for a pattern and catalog. You will find this little magazine a great help to you in planning next season's wardrobes.

### 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.

### Dipping for Plant Insects

Some insect is bothering my house plants, and I have been told to dip them in a solution of nicotine which I have procured from the drug store, but I am afraid that dipping will kill the plants. Am I right?—Mrs. F. G. D.

No, your informant was correct. Some florists spray this solution onto the plants but dipping is more thorough as no insect can escape when the entire plant is submerged. A nicotine bath is the best method for badly infested plants. The solution will not injure the plants, and it is sure death to every insect with which it comes in contact.

### Superfluous Hair Again

Do you think the preparations that are advertised for removing hair on the face are harmful? Will any of them remove it permanently?—Worried.

There are a number of excellent preparations on the market for removing superfluous hair that are harmless. But they must be applied each

time the hair reappears which, however, is much better than being annoyed with an unsightly growth of hair. I will be glad to send you, or any other reader who desires the same help and will inclose a stamped, self-addressed envelope with a request, the names of several reliable brands.

### Make Popcorn "Pop"

WHEN popcorn will not "pop" there is no need of throwing it away because the trouble lies in the amount of moisture it contains. Just as corn which is too damp will not pop, neither will corn which is too dry. Corn which seems very dry may be successfully popped after it has been kept in a cool, rather damp place for a few days.

### For Your Laundry

THE housewife who has adopted the slogan of "a laundry bag for every bedroom" knows what a big help it is for washday efficiency, not to mention the fact that it assures a neater bedroom. Even the youngest child can be taught to put his soiled



clothing in its proper container. The laundry bag pictured here is as clever as can be. It would be especially appropriate for the man's room. Aside from the large bag which might be used for shirts, two pockets on the outside were planned to contain handkerchiefs and socks. The lettering and the cap on the Chinaman's head and his cue are tinted in black to be outlined, and the flowers are stamped for embroidery in pastel shades. Laundry bag No. 200, ready-made of a durable blue colored weave material, with pockets bound in black, may be ordered from the Fancywork Department, Kansas Farmer, Topeka, Kan. Price \$1.25.

COLT  
LIGHT  
IS  
SUNLIGHT



SAFEST  
AND BEST  
BY TEST

## Include COLT LIGHT in your 1926 Budget!!!

LABOR—fertilizers—equipment—improvements—food—clothing—education... You've anticipated these things in planning for 1926. But did you remember the really important matter of efficient lighting, that item so necessary to the progressive farmer?

Plan today to install a Colt Lighting and Cooking Plant in your home. Its moderate cost can be financed over a long period of months if you own your own farm. The payments will fit into your budget easily. A certain percentage of the income from poultry, dairy or truck garden each month can take care of them.

In return you will get the safest, most brilliant and most economical light in the world. Unflickering light

throughout the home and the barns and outhouses at a finger's touch. Light that actually *pays for itself* by the hours of drudgery it saves you.

Colt Light is produced by Union Carbide, which is obtainable at factory prices from any one of the 175 Union Carbide Sales Company warehouses.

Investigate Colt Light. It is more than a convenience. You use it 365 days every year. It makes home more congenial, entertaining, more pleasant, work easier. It is a *necessity*. Write today for our booklet, "Safest and Best by Test."

### J. B. COLT COMPANY

New York . . . 30 E. 42nd St.  
Rochester, N. Y. . . 31 Exchange St.  
Chicago, Ill. . . 1001 Monadnock Bldg.  
Kansas City, Mo. . . 716 N. Y. Life Bldg.  
Chattanooga, Tenn. . . 6th and Market Sts.  
San Francisco, Cal. . . 8th and Brannan Sts.

The sale of Colt Light offers a great opportunity for the ambitious farm-trained man. Write our nearest office for full particulars.

**COLT**  
TRADE MARK  
**LIGHT**



## When Kansas Was Young

By T. A. McNeal

The book "When Kansas Was Young" by T. A. McNeal enables the reader to see Kansas life as it was in the '70s and '80s. Each chapter is filled with humorous, tragic, unusual, but characteristic episodes and incidents.

Among the characters are "Sockless" Jerry Simpson, Boston Corbett, Carrie Nation and others. Every citizen of Kansas should read this book.

### Special 15-Day Offer

For the next 15 days we will send this cloth bound book of 287 pages with a one year renewal subscription to Kansas Farmer and Mail & Breeze for only \$1.50. The price of the book alone is \$1.00. Remember this offer is good for 15 days only. Our supply is limited—You should order without delay. Address

**Kansas Farmer and Mail & Breeze, Topeka, Kan.**

## Have You Stopped to Think

that Kansas Farmer has gotten entirely away from the old style farm paper which contained little except theory? Maybe your neighbor doesn't know this. Show him a big interesting copy full of stories written by experienced farmers and ask him to subscribe.

# Here's Fun for Every Boy and Girl



Y—is for Yuen.  
A big hairy Ape,  
Who acts like a monkey  
And has the same shape.

## Try to Guess These

1. What fruit is in history?
  2. What insect is a relative?
  3. What fish is a fault finder?
  4. What bird is a peddler?
  5. What tree grieves?
  6. What receptacle is athletic?
  7. What furniture is mathematical?
  8. What gem is square?
  9. What vegetable wins?
  10. What toy weeps?
  11. What firearm robs?
  12. What drink is noisy?
- Answers: 1. Dates. 2. Ant (aunt). 3. Carp. 4. Hawk. 5. Pine. 6. Boxes. 7. Tables. 8. Diamond. 9. Beets (beats). 10. Ball (bawl). 11. Rifle. 12. Pop.



This is 2½-year-old Martha Lucile Nelson of Stockdale, Kan. The peaches were grown by her father. The largest peaches measured 9¼ inches

in circumference. The two ears of corn she holds in her hands are of the Yankee variety. The ears measured 12 inches in length.

## There Are Seven of Us

I am 12 years old and in the seventh grade. I live 2½ blocks from school. I have five sisters and one brother. There are 17 pupils in our school. Our teacher's name is Miss Clark. For pets I have three cats. Their names are Solomon, Hallowe'en and Mouser. My dog's name is Mac. I enjoy the boys' and girls' page.

Nada Beasley.

Two Buttes, Colo.

## Her Pets Are Smart

For pets I have a cat named Buster and a Collie dog named Shep. The cat opens the screen door with his paws and comes in the house. My dog pulls me in a wagon all over the farm. I am a jolly little Kansas girl 7 years old. I live 1¼ miles from Fairview. I go to the Lone Star school. My teacher's name is Miss Whitney. I like her very much.

Dorothy Plomann.

Fairview, Kan.

## Try These on the Family

What is the highest public building in Boston? The public library has the most stories.

Which is the greatest riddle? Life, for we all have to give it up.

What is the very best and cheapest light, especially for painters? Day light.

What flowers can be found between the nose and chin? Tulips (two lips.)

Why is it impossible for a person who lisps to believe in the existence of young ladies? Because with him every miss is a myth.

What author's name repeats the waiter's advice regarding a tough steak? Chaucer (chaw, sir.)

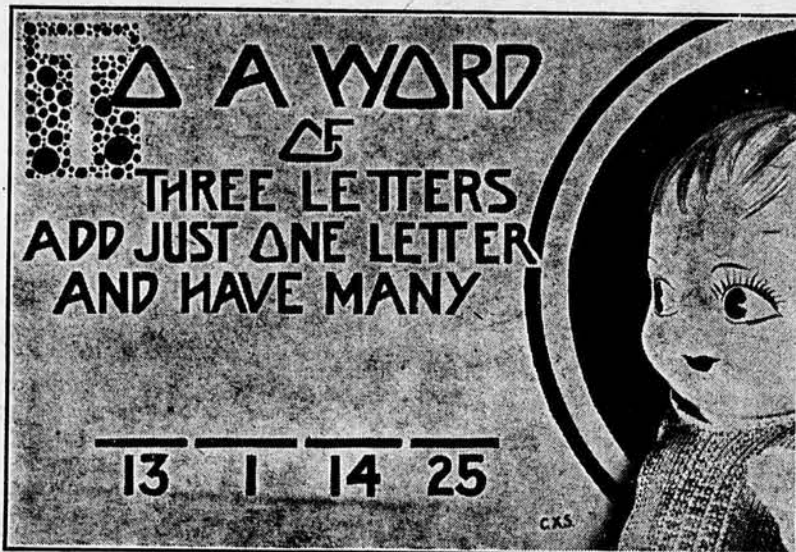
What poet was never slow? Swift.

What is both food for the body and food for the mind? Bacon.

Why is it that whenever you are looking for anything you always find it in the last place you look? Because you always stop looking when you find it.

What increases its value one-half when turned upside down? Figure 6.

What is the difference between a bottle of medicine and a troublesome boy? One is to be well shaken before



"What can this funny word be? I wish that you would put the 13th, 1st, 14th and 25th letters of the alphabet on the lines and I am sure that we will learn the word," says Billy Boy. Send your answers to Leona Stahl, Kansas Farmer, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls sending correct answers.

taken and the other is to be taken and then shaken.

What is there remarkable about a yard stick? Tho it has no head nor tail, it has a foot at each end and one in the middle.

When is a pint of milk not a pint? When it's condensed.

When does a man impose upon himself? When he taxes his memory.

## Pigs

This pig went to market  
In starched and ruffled shirt,  
This pig stayed at home  
And played in mud and dirt;  
This pig had a bit of meat  
And hid himself away;  
This poor pig had none  
And was hungry and cold that day;  
This pig said, wee! wee! wee!  
As he wildly looked about;  
I can't find my way home  
Of this, there is no doubt.

## Will You Write to Me?

I am 11 years old and in the seventh grade. I live one block from school. I have six kittens and four other cats. I have two dogs. One is a white Fox Terrier and the other one is a black

pup which is very mischievous. I live on a 180-acre farm. I have 25 White Rock chickens. I would like to hear from some of the boys and girls.

Laura I. Bahnmaier.

Topeka, Kan.

## Nanny, Laddie and Ben

I am 9 years old and in the fifth grade. For pets I have a goat named Nanny and two dogs. Their names are Laddie and Ben. I also have a pony that I like to ride. I have two sisters. Their names are Elizabeth and Charline. My father is a rural mail carrier. I live on a small farm. I enjoy the letters in the Kansas Farmer.

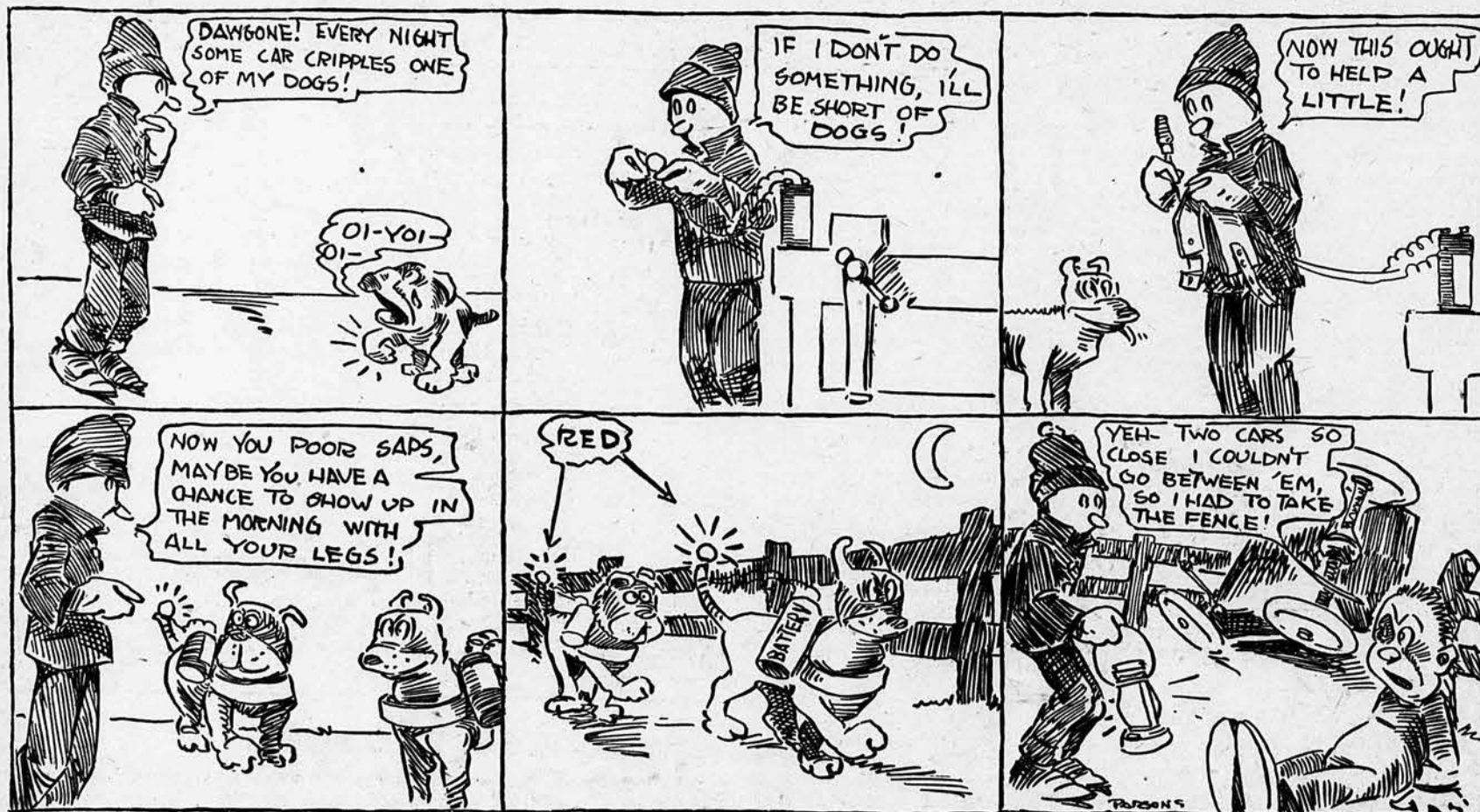
Murdock, Kan. Iantha Harner.

## Has a Shetland Pony

I am 11 years old and in the sixth grade. For pets I have a Shetland pony. His name is Freckles. I ride him to school. My other pets are four cats and two dogs. The dogs' names are Laddie and Bob. I go to Sunny Valley school. I would like to hear from some of the boys and girls my age.

Pauline Morris.

Brookville, Kan.



The Hoovers—Tis a New Method of Conservation For Canines

## What Shall it Profit?

BY DR. CHARLES H. LERRIGO

The Bible asks "What shall it profit a man if he gain the whole world and lose his own soul?" My physical examination propaganda prompts the same question in reference to losing his body. And while we are asking questions you may ask me what I profited by going to the trouble of a physical examination. Was it worth \$5?

Summing it up, I find that the doctor discovered nothing serious. There was a heart murmur that came only under violent exercise. The doctor warned that my exercise should be regular and steady rather than violent. There was a tendency to sugar in the urine. He warned me to cut sugar foods out of my diet so far as possible. There was a little tendency to pyorrhea for which a special toothpaste was urged. And that was all.

But don't you see that the whole value of the examination, for a man or woman of middle age, lies in that very possibility of detecting early faults? Supposing that I have had no warning. I wait a year, two years, three years. Then I begin to discover that my "pep" has disappeared. I find myself all tired out at night and not rested in the morning. My appetite is ravenous for some things and no good at all for others. I go to the doctor and he says: "Well, I find that you have a heart leak—not very bad but enough to give some trouble. You have enough pyorrhea so that most of your teeth must come out. But the alarming thing in your condition is diabetes. You must begin the insulin treatment at once."

Something gained by an examination of that kind, you will agree. If the doctor wants to charge \$25 for it there is no objection because matters are serious. And, of course, there will be big bills for treatment, but that must be expected. Very well, I prefer to know my symptoms early. I prefer to know about them when I can handle them so easily that no such serious results will ever come. The most sensible time for an examination is before there is anything to attract attention. So I persist in recommending to every one of you a thorough physical examination once every year.

## Operation Needed?

I am suffering from what my doctor diagnoses as adhesions following an operation for appendicitis, also from gall stones. Is there any cure for gall stones other than a surgical operation, and is there any benefit to be derived from the use of mineral oils for adhesions? S. D. T.

The mineral oil treatment for adhesions is a delusion. There is some virtue in pure olive oil because it does have food properties, and building up the body is a help in overcoming adhesions. There is no way to cure gall stones except by operation, but that does not mean that all cases must be operated. Small stones often pass spontaneously, and many cases of gallstones cause so little trouble that an operation is not needed. Any case of gall stones that has recurring attacks of pain should be operated upon.

## Cut Down on Food

Please can you tell me how I can reduce my overburden of fat? Is there any reliable remedy? B. B. L. L.

I've written about this repeatedly. There is only one real answer. Cut down your food. Reduce 20 per cent for two weeks, then 10 per cent for two weeks, then 10 per cent more for two weeks. Do this honestly and then write to me.

## Poor Vision at Night

Will you please tell me if there is a disease called "Nyctalopia"? If so please tell me something about it. A. M. L.

It is a falling of vision at night or in dimly lighted rooms. The patient seems to have good vision when in a bright light, but not otherwise.

## Curlers Not Injurious

Are electric hair curlers injurious to the hair? They are made of electric steel. C. B.

Curlers that do not heat the hair and have no sharp edges are not injurious.

Conservatism is a state of mind resulting from a good job.

# \$1500.00 Cash-Fence Contest

Write  
for  
Contest  
blank

Believing that better fenced farms are worth more money and make more money for their owners, we also want the opinion of farmers on this important subject so we are offering 75 cash prizes for the best letters or stories about "The advantages of a well-fenced farm." Anybody may enter contest who lives on or owns a farm—Closes April 5, 1926.

75  
Cash  
Prizes

## Rules of Contest

- [1] First write for free contest blank which describes the contest in full.
- [2] The 75 prize winners will be those who write the best and most complete set of ideas on "The advantages of a well-fenced farm."
- [3] Story should not exceed 750 words in length.
- [4] Your contest blank must be filled out and mailed not later than April 5, 1926.
- [5] Cash prizes will be awarded by the Keystone Steel & Wire Co. to those 75 contestants selected by the Bradley Polytechnic Institute and prominent agricultural authorities. The best story will receive the first prize of \$500.00; the second best will receive the \$250.00 prize and so on up to the 75th prize.

## List of Cash Prizes

1st Cash Prize (Capital) \$500.00  
2nd Cash Prize..... 250.00  
3rd Cash Prize..... 150.00

4th Cash Prize.....\$100.00  
5th Cash Prize..... 75.00  
6th Cash Prize..... 50.00  
7th Cash Prize..... 35.00  
8th Cash Prize..... 25.00  
9th Cash Prize..... 20.00  
10th Cash Prize..... 15.00  
11th Cash Prize..... 10.00  
12th to 50th prizes at \$5.00 each..... 195.00  
51st to 75th prizes at \$3.00 each..... 75.00  
**Total \$1500.00**

## Why "Red Strand" Fence Is the Kind to Buy

There are several features that make this product entirely different from all others, such as: the copper-bearing steel that goes into this new fence; the patented "Galvannealed" process which applies a 2 to 3 times heavier zinc protection than ordinary galvanized wire; the knot that cannot slip; the full gauge wires; the stiff picket-like stay wires that make fewer posts necessary; the well crimped line wires that retain their ten-

sion, etc. These are only a few of the points that mean a far longer lasting, more satisfactory fence. Red Strand fence costs you much less, in the long run, than the ordinary kind.

Send for contest blanks today—we'll also send full details of the contest. Your ideas may easily win one of the many prizes. You'll be able to write many interesting things about "The advantages of a well-fenced farm" such as: A farm must be well fenced, otherwise crops cannot be properly rotated or hogged down; Delayed fence building usually costs several times what it saves; Loose animals may die from overfeeding; Valuable females may be bred to scrub males; Ownership disputes often arise over strayed stock; Damaged crops mean hard feelings and sometimes damages to pay, etc.

Any member of the family may enter the contest. Write a post card—just say "Send me your Contest Blank and Red Strand fence catalogue free."

**KEYSTONE STEEL & WIRE COMPANY**

2165 Industrial Street, PEORIA, ILLINOIS

**Ask for Fence with the RED STRAND<sup>(top wire)</sup>**

# Riverside Tires

OVERSIZE CORD ~ BALLOON & TUBES

**\$11.95**  
30 x 3 1/2  
For Fords  
(\$12.45 West of Rockies)

## The Greatest Tire Value in the Whole World

You might buy a tire of equal quality, with just as long a guarantee—if you pay more money!

But you cannot buy more tire satisfaction, more mileage, for each penny of the price, than you get in a Riverside.

**12,000 miles guaranteed  
Your Saving is One-third**

Riverside Cords are guaranteed for 12,000 miles; Riverside Balloons for 10,000 miles. And back of this guarantee is a 54 year old name—Montgomery Ward & Co. A name that has always been known to stand for reliability and square dealing.

Our customers know we live up to our guarantee. We could not possibly put our liberal guarantee on a tire unless exceptional quality was built into the tire. You take absolutely no risk whatever in buying a Riverside Tire.



"The reason I ordered the Riverside Cord tire was that a friend of mine bought four of them over four years ago and has driven them over 17,000 miles and is still using them. I know this to be a fact, for I saw all four on his car which he drove over from Davenport to visit me."  
A. D. Dickinson, 1202—32nd Street,  
Rock Island, Illinois.

## Why Ward's Tire Prices Are So Low

We believe we are the largest retailers of tires in the world. This vast buying power enables us to save on everything that goes into a tire. For example, we buy our own crude rubber in enormous quantities—and always for cash.

Riverside Tires are made in our own moulds under our personal supervision. The workmanship is the most accurate. No better materials can be found in any tire regardless of price.

## Bigger — Heavier — Stronger Your Saving is One-third

Pound for pound Riverside Tires contain the most new live rubber—they are bigger, heavier, stronger. And yet the price is one-third less than other quality tires. Last year twice as many people bought Riverside. There is the proof of quality, of service.

You cannot buy better quality. So why pay more? Riverside Tires will give you the last yard of mileage possible in a tire—they will give you the utmost in satisfactory service. Buy where you can be sure of quality and a saving.

**Montgomery Ward & Co.**

The Oldest Mail Order House is Today the Most Progressive

Baltimore Chicago Kansas City St. Paul Portland, Ore. Oakland, Calif. Fort Worth

## Does Your Watch Tell Time in the Dark?



**Ingersoll**  
**RADIOLITES**  
Tell Time in the Dark

These are the days—with their long nights and dark mornings—when you especially appreciate the comfort of an Ingersoll Radiolite under your pillow. You can find out the time almost without waking up. Models \$2.75 to \$6.50. Wrist Radiolite, \$4.50.



## BETTER AND BETTER ALWAYS BEST

After TEN YEARS OF USE in every part of the world—in all climatic conditions—in all kinds of wind and weather—after ten years of constant study and effort to improve it—the Auto oiled Aermotor is today a proven machine, tried and tested.

## MORE WATER WITH LESS WIND

When you buy the Aermotor you buy a machine that has been subjected to every test of service and wear.

Completely and perfectly self-oiling and self-regulating with the most simple and effective furling device, the Aermotor gives more service with less attention than any other farm machine.

Whether you are in the market for a windmill now or will be later, write for circular.

**AERMOTOR CO.**  
Chicago Dallas Des Moines  
Kansas City Minneapolis Oakland  
Backed by greatest experience  
in building steel windmills.



## HIDES TANNED

You can own a beautiful Fur Overcoat at 50% less than retail prices. You have the hides, let us convert them in beautiful FUR COATS, AUTO ROBES, LEATHER VESTS, etc. or strong, durable HARNESSES AND LACE LEATHER. SAVE 40% to 50%. BY SENDING US YOUR HIDES. Write today for FREE samples of Leather & Illustrated Folio and Prices.

THE WESTERN TANNING & MFG. CO.  
Dept. K.F., Hutchinson, Kan.

# Pigs Earn Team and Harness

Club Work Helped Joseph Heinen So His  
Brother Joined with Him This Year

BY PHILIP ACKERMAN

DO YOU know that Joseph Heinen, Cawker City, bought a team of horses and a set of harness with the money he earned in the Capper Pig Club in 1924? That's just what he did. He used his team to help with the farm work during 1925. Joseph is re-enrolling in the Capper Pig Club this year, and his brother Ferdinand is joining with him. These boys will make hog raising part of their business, and no doubt they will find it a very important part.

Perhaps some of you remember Willard Moore of Ellsworth county and his pig club work in 1922. Recently he sent us a letter applying for club work in the Capper Poultry Club. He is planning to get a good start with poultry this year, but I shall let him tell you about it. "I wish to start with more than 20 baby chicks, so I will get 75 and pick out 20 for my club work. I shall raise them in separate pens. My father had an old barn in which there was some good lumber. As I wanted to start in the poultry business, he told me I might tear down the old barn to make two chicken houses, one for him and one for me. So that is what I have been doing for the last few weeks."

A very easy method of oiling hogs was used by Arthur Bridge. "I pour used motor oil mixed with stock dip and kerosene on the backs of my pigs now and then," Arthur wrote. "I do this while they are drinking and by the time they have finished they are well oiled. This keeps off lice, prevents skin diseases and makes their hair shine." One thing that helped Elmer Hodges to win the profit trophy was regularity in feeding his pigs. Here is what Elmer says: "I fed them at regular times every day. Sometimes I was tired but I thought of my pigs and fed them just the same."

## Ton Litter Was Self-Fed

Harold Duffy made a good record with the pigs he entered in the Capper Pig Club for 1925. "My pigs had alfalfa pasture, plenty of shade and fresh water," he wrote. "They were fed corn and tankage in a self-feeder. I gave them slop made by mixing shorts, skim milk and water. When they were 6 months old they weighed 2340 pounds. I sold six on the market and have five left. I also have my old sow and a fall litter of nine pigs."

Do you ever make verses about the work you do, or about your pets? I used to do this, but I have forgotten just how my verses ran. Here is a verse sent in by Merle Wright of Barber county about his club sow, "Royal Fairy":

Do you see us coming, Royal Fairy and I?  
We joined the Capper Pig Club and we are  
going to try  
To win a good prize in the 'Sweet by and by'."

I was a Capper Pig Club member once. When my sow was brought home I just whooped with joy. She was the best pig in the world so far as I was concerned. I kept her four years and made a good profit each year. All this time I was learning more about caring for pigs. My sow was quiet and gentle, so I could pick up the pigs

without causing a disturbance. I used to scratch my pigs a great deal and had them very tame. But since I have learned it is wrong to scratch a pig on the sides and in the flank because it teaches them to sway their backs and they do not show so well at the fairs. Pigs should be made gentle by scratching them only behind the ears and thru kind treatment.

## Owners Value Cups Highly

The silver cups which were awarded to Capper clubs for highest pep and profit records in 1925 now are in the homes of club members who won them. The Bourbon County Capper Pig Club sent a letter telling us how well pleased they are with the big pep trophy cup. A telegram came to me from the Lyon County Capper Poultry Club which read: "Received the trophy cup. Many thanks from Lyon county club members." And Mrs. J. A. Howell, who won the mother's cup by her diligent work and co-operation, writes: "I received the beautiful, engraved silver loving cup in excellent condition, and to say that I am pleased and proud of it would be stating it very mildly. I just wish I had the power to tell you and others how much good Ruby and I got out of our last year's work together. We are looking forward with pleasure to club work this year."

Enrollment in the Capper Pig Club and the Capper Poultry Club will close March 15, 1926. After that date new members cannot be admitted in the Capper clubs for this year. But we intend to have your application before that date. Already we have members in these 65 counties: Anderson, Barber, Bourbon, Butler, Chase, Cherokee, Cheyenne, Clark, Clay, Coffey, Cowley, Cloud, Crawford, Decatur, Dickinson, Douglas, Ellis, Ellsworth, Franklin, Ford, Graham, Jefferson, Jackson, Johnson, Jewell, Kingman, Labette, Leavenworth, Linn, Lincoln, Lyon, Marion, Marshall, Mitchell, Morris, Nemaha, Neosho, Ness, Norton, Osborne, Ottawa, Pawnee, Phillips, Pratt, Pottawatomie, Republic, Reno, Rice, Riley, Rooks, Russell, Shawnee, Sheridan, Sherman, Saline, Smith, Stafford, Stevens, Sumner, Thomas, Trego, Washington, Walla e, Wilson and Woodson. Of course, we want more members in these counties and members in other counties, too. Clip the coupon and send it to the Capper Pig and Poultry Club Manager, Capper Building, Topeka, Kan. Before the enrollment closes we hope to have members in every county of Kansas.

## Our Best Three Offers

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

"A deep orange monkey fur is now popular," says a fashion paper. A friend of ours remarks that if he ever saw a deep orange monkey he would stick to soft drinks.

## Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas.

I hereby make application for selection as one of the representatives of \_\_\_\_\_ county in the Capper \_\_\_\_\_ Club.

(Write Pig or Poultry Club.)

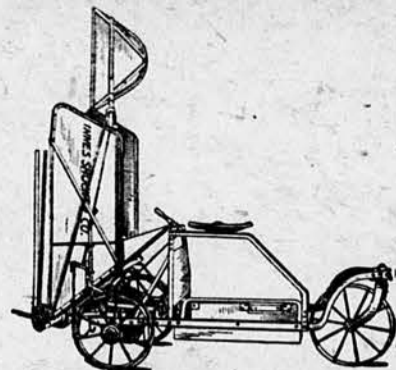
If chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail & Breeze, and will make every effort to acquire information about care and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

Signed \_\_\_\_\_ Age \_\_\_\_\_

Approved \_\_\_\_\_ Parent or Guardian

Postoffice \_\_\_\_\_ R. F. D. \_\_\_\_\_ Date \_\_\_\_\_

Age Limit: Boys 10 to 18; Girls, 10 to 18.  
Address—Capper Pig and Poultry Club Managers



## SET SHOCKS by Machine

Setting shocks by hand, the hardest and most expensive job on the farm today, will soon be a thing of the past. Just as in the case of the binder, mower and hayloader, so has another machine now arrived to lighten the labor on the farm. This machine is the

## INNES Grain Shocker

The Innes Shocker works with any make of binder in any kind of small grain—wheat, barley, rye, oats, flax, etc., heavy or light, green or ripe. It is coupled to the binder. Takes the bundles from it and sets as perfect a shock as you can set by hand, ventilated or solid, as conditions require.

## Shocks 20 Acres a Day

One extra man or boy, one extra horse and an Innes will shock 20 acres a day. When night comes all the cut grain has been shocked and it has taken no back-breaking labor to do it. Anyone can operate it—no experience necessary.

## Gives Back Your Seed

And besides shocking, it is a great grain saver. All the shattered grain is automatically sacked and the loose heads placed securely in the shock. Actual tests show that from 1/2 to 1 bushel of grain per acre is saved in this way.

Ten years' research work and four years' actual field work on farms from Texas to Saskatchewan are behind this machine. Sold on a money-back warranty. Write for full statement of warranty and catalog describing in detail the Innes Grain Shocker, Innes Grain Saver and Innes Shock Sweep. Write today for catalog D-3.

**INNES SHOCKER  
COMPANY**  
Davenport, Iowa

**1 year  
to pay** after  
**30-day  
trial**

## American SEPARATOR

Try any American Separator in your own way, at our risk. Then, after you find it to be the closest skimmer, easiest to turn and clean, and the best separator for the least money, you may pay balance in cash or easy monthly payments. Sizes from 125 to 850 lbs. Prices as low as \$24.95. Monthly payments as low as \$2.15.

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Dept. 32J, 1929 W. 43rd St., Chicago, Ill.

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Old Tan Harness

and you don't send us a cent for four months. 30 days' free trial. Write for our special offer and free book about the improved harness with metal-to-metal wherever there is wear and strain. Our "Buckleless Buckle" positively cannot slip, and adds to amazing strength and durability. Act quick! WRITE TODAY.

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Dept. 29, 82 Chicago

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Best mixture over 20 per cent Alsike, \$4.90 per bu. Best and cheapest seed mixture—practically all timothy seed price. A great hay and pasture combination. Save money by using this mixed seed. Have big stock highest quality Clover, Sweet Clover, Alsike, Timothy, Alfalfa and all farm and garden seeds at lowest prices. Save money by writing today for free samples and special prices and 125-page catalog. Don't wait and pay more. A. A. Berry Seed Co., Box 535, Clarinda, Iowa

## Steel Wheels

Cheaper than any other wheels, COST figuring years of service. Makes any wagon good as new. LOW down—easy to load. No repairs. LESS  
EMPIRE Reduced prices Catalog free. Empire Mfg. Co., Box 275 Quincy, Ill.

# Lends 100 Million Dollars

And the Federal Land Bank of Wichita is Today in Splendid Financial Condition

SINCE it was organized, March 1, 1917, the Federal Land Bank of Wichita has closed 31,796 loans, amounting to \$100,939,650, of which \$28,001, totalling \$89,576,250, were in force December 31, 1925. During 1925 the bank closed 2,083 loans amounting to \$7,692,800.

The Wichita bank operates in the Ninth Federal Land Bank District, composed of Kansas, Oklahoma, Colorado and New Mexico. It has a capital of \$4,224,015. The surplus is \$887,432.18. The total dividends paid have been \$1,570,253.55, but the earnings since organization have been \$3,204,228.16. The net earnings in 1925 were \$798,188.20. The bank is in charge of Milas Lasater, president. The first Federal Farm Loan in the United States was made thru this bank, April 10, 1917, on the farm of A. L. Stockwell of Larned.

The bank operated last year thru 524 local chartered associations; of these the following had business outstanding at the close of 1925 for a face amount of more than 1/2 million dollars:

Name	Location	Amount
Greeley, Greeley, Colo.	.....	\$1,339,700
Sabetha, Sabetha, Kan.	.....	1,221,000
Monte Vista, Monte Vista, Colo.	.....	1,210,600
Ponca City, Ponca City, Okla.	.....	1,125,600
Central, Ft. Morgan, Okla.	.....	1,104,100
Wichita, Wichita, Kan.	.....	1,003,300
Barber Co., Medicine Lodge, Kan.	.....	856,300
Kimeo, Greenleaf, Kan.	.....	797,300
Curry Co., Clovis, N. Mex.	.....	790,000
Mesilla Valley, Las Cruces, N. Mex.	.....	764,400
Geary Co., Junction City, Kan.	.....	761,700
El Paso, Colorado Springs, Colo.	.....	757,600
La Jara, La Jara, Colo.	.....	721,300
Hobart, Hobart, Okla.	.....	703,100
Liberty, Duncan, Okla.	.....	686,600
Wray, Wray, Colo.	.....	677,100
Sandy Loam, Clayton, N. Mex.	.....	674,800
Herington, Herington, Kan.	.....	659,300
Garvin Co., Pauls Valley, Okla.	.....	643,400
Harvey Co., Newton, Kan.	.....	634,300
Pontotoc Co., Ada, Okla.	.....	594,600
Limon, Limon, Colo.	.....	575,700
Sunflower, Kingman, Kan.	.....	547,500
Eddy Lea, Carlsbad, N. Mex.	.....	545,700
Meade, Meade, Kan.	.....	543,300
Garden City, Garden City, Kan.	.....	538,100
Sterling, Sterling, Colo.	.....	527,000
Scott Co., Scott City, Kan.	.....	509,700
Ford Co., Dodge City, Kan.	.....	509,000

When the bank was organized, the United States Treasury advanced initial capital amounting to \$744,165. This has been repaid to the Federal Government. Individual subscriptions to capital stock amounting to \$5,835 have been repaid and the stock retired. Ownership of the entire capital stock, amounting to \$4,224,015, now vests in the National Farm Loan Associations of the district.

The bank has charged off all real estate acquired by foreclosure, including unpaid principal, interest and costs. Real estate is not carried as an admitted asset even though its value may equal or exceed the bank's investment.

The borrowing members have been paid in dividends, \$1,570,253.55. With real estate charged off, all doubtful items carried to suspense, and dividends of the above sum paid, the bank retains a legal reserve of \$688,500, and an undivided profit account of \$198,932.18, making a total fund, capital, reserve and undivided profits of \$5,111,447.18.

## Owens But 110 Farms

An institution having closed, in the last eight years, farm loans totalling more than 100 million dollars, scattered over such a large territory, must expect default in amortization payments necessitating foreclosure, particularly in a period of depression such as agriculture in this district experienced during the last four years. At the close of 1925 this bank had title to 110 farms as a result of foreclosure, none of which is carried as an asset.

A few of the foreclosures came about thru deaths of borrowers, and foreclosure was necessary to settle the estates. Others, due to financial reverses, were unable to carry on.

Delinquent installments due over 90 days amount to \$90,581.95. This is a remarkable showing, considering the critical period just passed and taking into consideration the amount of loans in force, \$89,576,250.

Dividends paid by the bank are derived from profits and savings. The difference paid in interest on bonds and interest collected on loans, not to

exceed 1 per cent, is the main source of income. Other income is derived from temporary investments in Government securities and from interest on bank balances for current use.

Economical administration, thru close co-ordination of departments; the elimination of unnecessary expense, and a full day's work for a day's pay on the part of everyone connected with the bank, make for "savings" which go to the borrowers.

A 6 per cent cumulative dividend was paid June 30, 1919. Thereafter dividends of 6 per cent per annum, payable semi-annually, were declared until December 31, 1921, when an 8 per cent annual dividend scale, payable semi-annually, was adopted. In addition to these annual dividends of 6 per cent and 8 per cent on December 30, 1922, a special 3 per cent cumulative dividend was declared to all stock of record on that date. This made an 11 per cent dividend payable for 1922. The 8 per cent scale was adhered to for 1923, 1924 and 1925.

## Appraisals Cost \$16.04

Probably the most important work in the operation of the Federal Land Bank is the appraisal of lands offered as security for loans. The aim is to be fair both to the borrower and to the bondholder who furnishes the bank the money to be lent. The bank does not lend Government funds as presumed by many persons, but derives its funds solely from the sale of bonds. If the investing public is to retain confidence in Federal Farm Loan bonds, there must be no question as to the character of the appraisals and the sufficiency of the security.

Since the date of organization, 51,997 appraisals have been made, covering 16,882,610 acres.

The bank requires that a minimum initial fee of \$10 accompany every application for a loan, the bank assuming all expense of the federal appraiser, including salary, railroad fare, conveyance and other necessary expense.

During 1925, the federal appraisers assigned to the Federal Land Bank of Wichita made 3,345 appraisals, affecting 1,062,197 acres, at an average cost of \$16.04 an appraisal.

## Bonds Pay 4 1/2 Per Cent

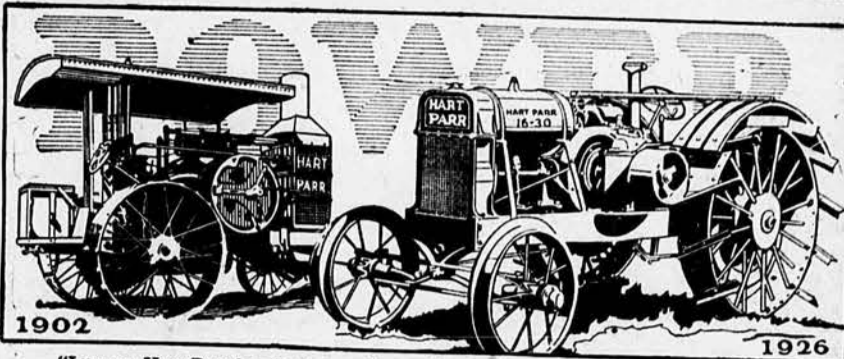
The only means the bank has of obtaining funds to make loans to farmers is thru the sale of Federal Land Bank bonds. In 1925 the Wichita bank issued for sale bonds to the amount of 5 million dollars. The rate of interest was 4 1/2 per cent. The proceeds of these bonds and funds received from loans paid off were invested in Federal Land Bank loans to the amount of \$7,222,100 at 5 1/2 per cent, and in the Texas-Oklahoma Joint Stock Land Bank loans to the amount of \$470,700 at 6 per cent making a total of \$7,692,800 paid out on farm loans.

Farmers who purchase Federal Land Bank bonds and Farm Loan Associations that invest their reserves in Federal Land Bank bonds help to sustain the market for Federal Land Bank bonds. Aside from making a gilt-edge investment, they are helping to finance a system that aids agriculture.

These bonds are underwritten by the 12 Federal Land Banks of the United States, with assets of more than 1 billion dollars. They are safe as an investment. They are exempt from all federal, state and local taxation, and draw a fair rate of interest. They come in denominations of \$40, \$100, \$500, \$1,000 and larger.

The success of the Wichita bank should be a matter of pride to every farmer, whether he has a direct financial interest in it or not. It is a fine demonstration of what can be done along this line. It is owned by farmers, and profits go back to them. If you should wish further information, in regard to lending money or borrowing it, or for any other reason, you can get it promptly on application to Milas Lasater, president, Federal Land Bank, Wichita, Kan.

1901 TWENTY-FIFTH ANNIVERSARY 1926  
A Quarter Century of Service to Farmers



"I use my Hart-Parr for plowing, seeding and harvesting. In a rush I have often used it six days and six nights without stopping the engine. None of my neighbors, who own other makes of tractors, have ever made a record like that."

John Bell, Salina, Kansas

## HART-PARR DURABILITY

insures long life and few repairs

Do you want a tractor that will serve you for about two years, or one that will work with high efficiency five or ten times as long as that? There are Hart-Parrs still operating after more than twenty years of farm work. Hart-Parr tractors are famous for their bulldog endurance. Every engine is made of big, strong parts; the crank shaft, main bearings, and connecting rod bearings are built for abuse—for brute force. Moreover, fresh oil is pumped to all working parts of the motor constantly—transmission gears run in a bath of oil. These are reasons why Hart-Parr tractors will do more work for a longer time than any in the market. And Hart-Parrs operate at a lower cost than other tractors, which is proved by hundreds of testimonials from Hart-Parr owners.

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Easiest Turning—Closest Skimming—Easiest Terms

It is yours to use right away—use while you pay; the balance on small monthly payments. Any one of the 3 New Beatrice Models skims cleaner and closer than any other separator for the money. Its the Beatrice bowl that does it. The patented Double Angle Discs found only in the Beatrice get you more cream with less labor.

New Model **BEATRICE**

has everything that makes cream separation easier and more thorough. Continuous Oiling—Ball-Bearing—Special Alloy Easily Removable Bushings—Self Centering Neck-Bearing—Speed Indicator—Swinging Supply Can Bracket—and many more points of superiority.

Easy to buy—easy to turn—easy to wash. Beatrice discs are washed, sterilized and dried in less than 2 minutes with Beatrice Wonder Washer. All done at once. Send coupon for full information—today!

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**BEATRICE CREAMERY CO.**  
Lincoln, Neb. Topeka, Kan. Denver, Colo. Pueblo, Colo.  
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Continuous oiling—positive lubrication of all running parts.

Ball-bearing—easiest running.

Swinging supply can bracket—permits swinging of can from operating position without removal of cream or skim milk spouts.

Shelves provide for bowl draining. Easily visible oil gauge. Speed indicator. Frame of extra strength. Beautifully finished in paint and varnish especially prepared for cream separators.

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Without obligation send me illustrated literature on your New Model Beatrice Cream Separators and full details of your new liberal Pay as You Use Plan.

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TOWN \_\_\_\_\_

STATE \_\_\_\_\_

R.F.D. \_\_\_\_\_

## Good Business Outlook

Business conditions are on a favorable basis for a profitable season in 1926, according to the February number of The Monthly Review, issued by the Federal Reserve Bank of Kansas City. We must say that for a publication which has such a high standing among the bankers of Kansas, the editor is showing an amazingly cheerful spirit. Anyhow, as the moonlight comes lovingly over the southwest haystack, he tunes up the old banjo on a real song of love, thus:

Industrial, trade and banking activity in the Tenth Federal Reserve District, after expanding steadily during the last eight months of 1925, and in December achieving the high mark for five years, exhibited in the early weeks of January something of the curtailment and caution usually manifest at the beginning of a new year. Conditions generally were regarded as favorable for a heavy volume of business during 1926, based upon actual current needs, but with no apparent boom tendencies.

Reports, now complete for December and for the year, confirmed the estimated volume of business for 1925 in this district announced in the issue of the Monthly Review of January 1, 1926. Wholesale trade, naturally slowed down at the inventory period at the end of the year, was smaller in December than in November, but sales in nearly every line exceeded those reported for December, 1924. The 1925 sales in dollars and in the volume of goods distributed was the largest ever reported. Retail trade at department stores in leading cities in December was the largest of record for that month, and total sales for 1925 were larger than those for 1924.

December and the year 1925 were notable for large building operations in this district. The value of permits, \$8,198,512 for December and \$123,648,324 for the year, indicated that building programs in 18 reporting cities had not been fully carried out, and there was a promise of large construction operations during the remainder of the winter and in the spring. Construction of hard surfaced highways set a new record during the year, and there was a larger volume of public work in cities and towns than for several years. All this construction activity resulted in larger business in manufacture and sales of materials, and was a large factor in making of better employment conditions in this district than for many years. The mineral industries reported former high records for this district broken during 1925. The output of crude oil was the largest for any year of record, and the value exceeded that for 1924 by 23.8 per cent. The year's production and shipment of zinc and lead ores was the largest in tonnage and value in the tri-state field. Colorado metal mines produced more silver, zinc and lead, and less gold and copper, than in 1924, and the value of the five metals produced was 13.2 per cent larger than that for the previous year. Coal mining in the last half of the year was at a high percent of full-time activity, and production for the year was larger than the previous year's output.

High records in most lines of manufacture were established during the last 12 months. The restricted by the market supply, the slaughter of hogs at the meat packing plants fell below that for 1924. There were increases in the slaughter of cattle and calves, and the slaughter of sheep was almost the same in number as in the previous year. The smaller receipts of wheat at leading markets of the district were responsible for a decrease of 7.3 per cent in the year's flour output at Southwestern mills. Agricultural production in this district in 1925 was estimated at \$1,229,500,000, about 284 million dollars less than the value of 1924 crops, and \$149,500,000 more than the value of 1923 crops. It was noted that the smaller production of wheat, potatoes and hay brought higher farm prices a unit than prices paid for such crops produced in 1924. On the other hand, the larger crops of corn, oats and cotton in 1925 brought lower prices a bushel or pound than were paid to growers for the crops of 1924.

The livestock situation improved in 1925, and at the beginning of 1926 the industry was in a stronger position than for several years. This was due to readjustments of cattle values which placed breeding herds on a higher and more consistent level. The supply of cattle, calves and sheep was equal to market requirements, but the supply of hogs was 22.7 percent smaller than that for

1924, and indicated fewer hogs on farms and smaller pig crops last spring and fall. There was reported a considerable restocking of cattle on some of the ranges and further expansion of the sheep industry, the late surveys gave little promise of any increase in the farm supply of hogs for this year.

The volume of business in the Tenth District, measured by payments thru banks, or bank debits, reached the high peak of the year in the last four weeks of 1925. Clearing houses in 29 cities reported amounts debited by their members to individual accounts in the four weeks ended December 30 aggregated \$1,250,292,000. This was \$15,161,000, or 1.2 per cent, larger than the total for the preceding four weeks ended December 2. It was \$93,474,000, or 8.1 per cent, larger than the total for the corresponding four weeks in 1924, ended December 31.

The larger volume of transaction in the closing weeks of 1925 carried debits to the highest amount ever recorded for the same cities in a year. The returns from 27 cities, complete for both years and available for comparison, showed debits in the 52 weeks of 1925 aggregated \$15,446,205,000, against \$13,991,532,000 in the 52 weeks of 1924, an increase for last year of \$1,544,673,000, or 11.1 per cent.

## Bull Movement in Bulls

Cattle depletion and restocking of range bulls supplied considerable conversation at the National Western Stock Show at Denver two weeks ago. Visitors from every section of the Rocky Mountain range section report cattle supplies the lowest in years. Furthermore, the supplies of steers available average a year to two years younger than they did a few seasons back. The age of breeding cows has been lowered considerably by the liquidation processes which followed post-war deflation.

Not only did visitors patronize purebred sales liberally, but they also shopped around among the purebred herds at the show in search of range bulls. The Shorthorn auction brought a bull average of \$249, and the entire Hereford sale made \$453.

Dan Casement of Manhattan won the grandchampionship carload award with feeders on his Herefords. Deming Ranch, Oswego, took all the Poland China champions. A number of records for the Denver show were broken in sales of fat animals. Casement's champion feeders were sold for \$16.75 a hundredweight to A. H. Schmidt, Kansas City, Mo. F. J. Schmeckle, Cozad, Neb., sold the grand champion barrow, a Hampshire, to the Nuckolls Packing Company for \$70 a hundred. The first prize load of light hogs, Poland Chinas, showed by Jess Crosby from New Mexico, brought \$20, having topped the champion load by \$2. The grandchampion load of fat steers, Angus, showed by A. H. Schmidt, Kansas City, was sold to the C. B. & Q. railroad for \$19.75 a hundred. The champion steer, a Shorthorn, fitted by the University of Wyoming, was sold to the Colorado & Southern dining car service for \$100 a hundred.

Paid admissions to the show were reported at approximately 75,000. Attendance was the best ever recorded in National Western history.

## Warns of Seed Corn

How about your seed corn supply? The early cold of last fall made agronomists suspicious of its germinability. Recent preliminary tests indicate damage. The Kansas State Agricultural College has received some early samples for germination, and the percentage of seed that proved satisfactory ranged from 44 to 98. The average germination was 88.5, which is too low. Very few of the samples have run above 95.

S. C. Salmon of the agronomy department states that altho the samples thus far received are not numerous enough to justify an estimate of the situation it is likely that the average condition is worse than the samples would indicate.

The safe plan, therefore, is to get an early test so an opportunity will be afforded to obtain good seed elsewhere if your own supply proves poor. Some good seed is available, but some time may be required to discover it. The field is an expensive testing place.

A colored urchin with a fishing rod met another similarly equipped and with cheeks greatly distended. "What you got in yo' mouf?" he inquired. "Fishin' worms."

"Fishin' worms! Why don't you take dem t'ings out and put 'em in yo' pocket?"

"What?" mumbled the other. "You don't t'ink I's goin' to put dem t'ings in mah pocket with mah lunch, do you?"



Make your  
Horses eager

for PLOW TIME

ROUGHING through the winter means a soft, unready team for spring. When plow time comes, you cannot afford to harness up a rough-in-the-hair, run-down, worm-infested team.

You cannot afford to wait at every furrow end on trembly, panting horses. Remember, the season doesn't wait on you; and it's the early oats that's oats, the early corn that's corn.

Condition your workers right now with a course of

## Dr. Hess Stock Tonic



Buy it by  
the pail

It will give their systems a spring house-cleaning—loosens up the bowels, tones up the liver and kidneys, enriches the blood, drives out the worms. Will help them shed their winter's coat. Then you have a team that can go down one side of the field and up the other without a stop.

Then you get your crops out on time—in the ground, growing. That's what counts at harvest.

Get your pail of Dr. Hess Stock Tonic to-day. Also give it to the mare in foal.

25-lb. pail, \$2.25; 100-lb. drum, \$8.00  
(Except in the far West, South and Canada)

Honest Goods—Honest Price. Why Pay More?

REMEMBER—When you buy any Dr. Hess product, our responsibility does not end until you are satisfied that your investment is a profitable one. Otherwise, return the empty container to your dealer and get your money back.

DR. HESS & CLARK, Inc., Ashland, Ohio

## Dr. Hess Dip and Disinfectant

Keeps the Dairy and Stables Healthful and Clean Smelling

140 EGG ONLY \$13.75  
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30 Days Trial Freight Paid

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# Poultry Outlook is Bright

## Business is Picking up For the Folks Who Are Selling Breeding Stock and Baby Chicks

THE poultry campaign is beginning to get underway in Kansas. It is quite evident that this is going to be the best season for this business the state has ever seen. Business already is picking up in an amazing way for the folks who sell baby chicks, other breeding stock and equipment.

High prices still rule at public sales, especially for livestock. The largest demand is for sows and good milk cows. A huge demand for Kanota oats already is apparent, as this variety will be sown generally this year in Kansas instead of the Red Texas.

**Barber**—There has been some snow here recently, and this moisture plus warmer weather places the wheat in excellent condition. Roads are fairly good. Stock is wintering well. Farm work is at a standstill. There is an oil boom on in parts of the county.—J. W. Bibb.

**Cheyenne**—The weather has been very favorable for the wheat crop. There has been plenty of moisture in both the top soil and the subsoil. There is plenty of feed for livestock; less has been required this winter than usual, because of the mild weather. Practically all the corn is husked, and most of it is shelled. None is being shipped; despite the fact that a good crop was produced last season, the home needs will require all the crop. Roads are in fine condition, and wheat has been moved to market all winter. Wheat, \$1.62; corn, 62c; bran, \$1.50; shorts, \$1.70; flour, \$2.50 to \$2.70; hogs, \$11.50.—F. M. Hurllock.

**Cloud**—We have been enjoying seasonable winter weather, with a fine blanket of snow, which has provided protection and moisture for the wheat. The county agent is a busy man these days, organizing local units of the farm bureau and encouraging co-operation among farmers. Many public sales are being held, and there is an especially good demand for cows. Cream, 35c; eggs, 28c.—W. H. Plumly.

**Dekinson**—The weather is favorable for this season. We had a fine 2-inch snow recently, which helped supply moisture to the wheat. The soil thaws in the daytime and freezes at night. Public sales are numerous. At a sale recently everything sold well; horses, for example, brought as high as \$143 a head. There is more of a demand for horses than we have had for a long time. Cows sold up to \$80. Sows brought \$50. Young cattle are selling sky high, and pigs are selling at 15 cents a pound. Sound, used farm machinery brings almost as much at sales as that which is new.—F. M. Lorson.

**Edwards**—We have been enjoying fine winter weather. Not much farm work is being done except chores. A few public sales are being held; there is an especially active demand for livestock and for farm machinery. Hogs are scarce; pigs are selling for \$6 apiece or more. Wheat, \$1.68; corn, 68c; oats, 50c; eggs, 26c; hens, 15 to 20c.—W. E. Fravel.

**Ellis**—We are still in need of a good rain or snow, as the soil is getting dry. Our feed supply is holding out well, as the winter has been open; folks here are mighty thankful for this, as it is not very plentiful anyway. No public sales have been held recently. Considerable wheat has been hauled to market in the last two weeks. Wheat, \$1.60; corn, 75c; eggs, 27c; butterfat, 37c.—C. F. Erbert.

**Finney**—The weather is unsettled, with very little moisture, and wheat is not making very much growth. Corn shelling is about finished. A few public sales are being held, with fair prices. Livestock is in good condition. Wheat, \$1.63; kafir, \$1.15 a cwt; milo, \$1.20 a cwt; eggs, 26c; butter, 35c.—Dan A. Ohmes.

**Gove and Sheridan**—We are still having fair and open winter weather. Some good ice is being put up. A snow would be very helpful for the wheat. Livestock is in good condition. There is plenty of feed and straw. A few public sales are being held, and prices are high. A little corn shelling and some threshing are still being done.—John I. Aldrich.

**Jewell**—We have had several light snows recently, but not enough to help the wheat very much, as the soil is still dry. This has been a favorable winter for livestock. Feed has not been wasted, which is a fortunate thing, as it is rather scarce. Prices are good at public sales, especially for horses. Much interest is being taken among the folks in chickens; 1926 likely will be well above the average for poultry production here.—Vernon Collier.

**Lyon**—Wheat was sown rather late, and while there has been enough moisture to allow a good growth, and the crop is in fine condition, it has produced little pasture. Livestock is doing well, and there is plenty of feed. Roads are in fine condition. Wheat, \$1.65; corn, 65c; butter, 40c; eggs, 27c.—E. R. Griffith.

**Neosho**—Corn still is being marketed. The ground is wet and frozen, and wheat is not making much of a growth.—C. D. Thompson.

**Ness**—The weather has been rather cold recently, but fortunately for stock the snow and rain failed to arrive here. But the soil is getting rather dry, and some additional moisture would be of help to the wheat. A few farm sales have been held recently, and high prices have been paid as a rule.—James McMill.

**Osage**—There is still some kafir in the fields, and not more than half of it has been threshed. Little fall or winter plowing has been done. The fine weather we have had recently has been of help to the folks who were building sheds or poultry houses. Corn, 67c; eggs, 26c; cream, 38c.—H. L. Ferris.

**Osborne**—Another light snow fell recently, but it was all gone in a day or two. While we have had some cold weather for brief periods, we have not had any bad storms. There is a fairly large amount of moisture in the soil for this season, and the wheat is in good condition—much better than a year ago.—E. G. Doak.

**Pawnee**—There is yet plenty of feed for livestock, which is in good condition, but it would be of help if we had some wheat pasture! The wheat crop is doing well but it is small. Some farms are changing hands at pre-war prices. The weather has been favorable. Hogs, \$11.—E. H. Gore.

**Phillips**—Considerable snow has fallen here recently, which has been a mighty fine thing for the wheat. I believe the outlook for this crop is the best in several years. Hogs, \$11; eggs, 28c; butter, 45c; corn chop, \$1.65; potatoes, \$2.75.—J. B. Hicks.

**Rawlins**—We had very nice winter weather in January, up to the 20th, and this was followed with 3 inches of snow, which was a fine thing for the growing wheat. Not much building is being done now, as the weather is too cold. Some cattle are being shipped to market. A good deal of wheat is moving, at around \$1.70 a bushel. Hogs, \$11.50.—J. A. Kelley.

**Reno**—We are having nice weather, which saves feed and helps to keep the livestock doing well. But the wheat needs more moisture; the crop is hardly holding its own, although it may be better later. Roads are in good condition, and a great deal of hauling is being done. Wheat, \$1.68; corn, 70c; eggs, 30c. D. Engelhart.

**Republic**—About 2 inches of snow has fallen in the last week. Wheat made but little growth in the fall, but there apparently is sufficient moisture to hold it in line if rain or snow come before the high winds in the spring. Milk cows and bred sows bring high prices. The surplus corn has been mostly all purchased by local feeders at an average price of 65 cents a bushel. Eggs, 28c; hens, 20c.—Alex E. Davis.

**Rice**—We have a fine prospect for one of the largest wheat yields in years. The soil contains plenty of moisture. Twenty-seven T. B. reactors were found in a recent test in this county. Wheat, \$1.61; hens, 19c; eggs, 29c; butterfat, 38c.—Mrs. E. J. Killian.

**Rooks**—We had some snow last week, which was helpful—the soil needs a thoro soaking. A few public sales are being held, with fairly high prices prevailing. Eggs, 26c; butterfat, 36c; bran, \$1.40; corn, 65c; wheat, \$1.65.—C. O. Thomas.

**Rush**—We have had a mild winter. Wheat is doing well, but it is not supplying any pasture. Livestock is in good condition, but feed is getting scarce. Wheat, \$1.60; butterfat, 32c; eggs, 29c.—William Crotinger.

**Scott**—A little more surface moisture would be beneficial for the growing wheat. Several carloads of horses have been shipped to Eastern markets recently, and there is some local demand for horses, for the first time in years. No farm sales have been held recently. Wheat, \$1.50; corn, 75c; barley, 55c; eggs, 26c.—T. F. Carson.

**Wabunsee**—We have been having some cold weather for the last several weeks, with a good deal of snow. Many cattle are being fed in this county, and stockmen are paying 70 cents a bushel for corn. Eggs, 26c; butter, 35c.—G. W. Hartner.

**Wallace**—The weather has been ideal for winter, and it has been helpful for farmers who desire to get odd jobs done before the spring work starts. We need snow for the wheat, although most of the fields are yet in good condition. Livestock is doing well. Wheat, \$1.66; barley, 50c; butterfat, 33c; eggs, 28c.—Mrs. A. B. Stetler.

**Washington**—Many farm sales are being held, and everything moves at high prices. Some land has changed hands in the county recently. There is quite a lot of cattle feeding here this winter, and cattle and hogs are selling on attractive levels. Butterfat, 36c; eggs, 27c; chickens, 20c; corn, 65c; wheat, \$1.65.—Ralph B. Cole.

**Wilson**—The weather has been favorable recently, although before that we had several light snows. Wheat is making the usual winter growth. A few farmers are running short of feed. Very few fat hogs are going to market. Not much corn is being sold. But few public sales are being held. Wheat, \$1.65; corn, 70c; bran, \$1.75; shorts, \$2.10; eggs, 28c; butterfat, 40c.—A. E. Burgess.

## Farm and Home Program

The general farmer with a diversified program will receive special consideration at the annual Farm and Home Week short course, Manhattan, February 8 to 13. The best features of the special sections, such as soils, agronomy, veterinary, poultry, beef production, farm buildings, agricultural engineering, dairying, sheep raising and swine production will be provided in a general farming section so that farmers who desire to diversify will be able to get all their lectures and demonstrations without dodging here and there among the agricultural college buildings in an effort to find the particular sections in which they are interested.

The week will be full of good things for farm folks. Railroads have made open rates of a fare and a half for the meetings.

## Two Farms Are Sold

Mrs. W. A. Hoover has sold her 960-acre ranch, 10 miles northeast of Eureka, to Ed Green for \$50 an acre. And Mrs. E. J. Norman sold a ranch of 840 acres, also not far from Eureka to Hugh Scott for \$37.50 an acre.

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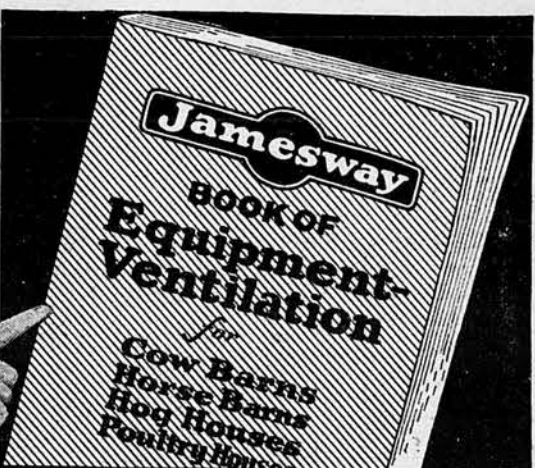
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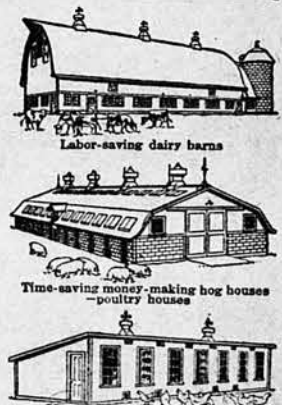
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## Better Watch the Dogs, Too

### Feed, Shelter and Care of Ewes Determine Size and Vigor of Lamb Crop

BY J. F. WALKER

THE next four months will mark the time during which the fate of the coming lamb crop will be decided. It will determine whether the ewes will have been so cared for as to insure a strong, vigorous lamb provided with an abundant supply of milk. It will reflect itself in the condition and grade of the wool clip, and a few extra hours' work or a change or increase in feed rations may be the most profitable investment a sheepman can make.

As a basis for starting we are assuming your flock has come in from fall pastures in good condition and that they are healthy and free from internal parasites. If you have not drenched the ewes, it should be done by all means. It is money thrown away to attempt to fatten or even hold in condition badly infested sheep. Nobody milks a cow in a bucket with a half-inch hole in the bottom, and yet this is just as sensible a procedure as to throw feed into infested sheep and permit the parasites to absorb all the nourishment.

### Housing Conditions

Many folks seem to feel that a barn is detrimental to the health of the sheep, and that taking the weather "toughens 'em up." I have seen this toughening up process carried to the place where it had dried them up as well. One incident occurs to my mind. A few years ago a farmer purchased a ram from me and asked for credit. The following spring he came around and suggested that inasmuch as the ram failed to produce good strong lambs an adjustment was in order, and offered to pay one-half the purchase price. Upon inquiring as to how he had cared for his sheep he said, "Why, just like I always do. They had the run of 40 acres of bluegrass all winter, in fact, I took a little extra care of them and gave them four bundles of fodder twice a week."

"How many sheep did you have?" I inquired. "I started in with 125 in the fall but the dogs killed 20 head and about 25 more had the paper skin and didn't pull thru. Only 68 head had lambs and I didn't save over 30 of them. I am sure the ram was to blame for it."

My reply was, "You ran 125 head of sheep out all winter on a field of short grass covered with deep snow for 13 consecutive weeks and threw them eight bundles of fodder a week, thru dogs you lost 30 head and starved 25 head more? Your lambs came early in April and the ewes had no milk. On top of all that you turned into that bunch of 125 head one yearling ram without any extra care and you expected him not only to sire 125 strong healthy lambs but seemingly put it up to him to furnish feed as well? By rights you should be reported to the humane officer."

This may have been an extreme case, but within the last year I have seen thousands of brood ewes taking cold rains and heavy snows, and eating frozen grass with a possible addition of corn fodder or the run of a straw stack. Where one sheep is killed by housing 10 die of exposure.

Sheep barns should be dry and well ventilated. They should be free from drafts. Moreover, they should be kept well bedded and clean. Such quarters need not be expensive. They should be large enough, however, to insure comfort and feeding room—about 8 to 10 square feet a ewe is sufficient.

### Ewes Must Have Exercise

Exercise for the pregnant ewe is necessary. How much is a disputed question. Personally, I am of the opinion that exercise should be governed somewhat by the amount and kind of feed, and the breed of sheep.

Mutton breeds apparently require more exercise to keep healthy than do fine wools. Sheep fed on a ration carrying an abundance of fat, as corn

or barley, are in exactly the same position as a man eating cornbread and fat pork, a ration one can go into the woods or fields on during winter months but a poor one to sit around with in an office. So such fed sheep must be given more range and exercise than if fed a cooling ration containing less fat or fuel-producing material.

Many times the question is raised: How long should I feed grain and what kind before lambing? That depends largely on the condition of the ewe as to flesh and the quantity and character of roughage fed. One thing must be remembered, "Self preservation is nature's first law," and the maintenance of the life of the dam will take place before the development of the unborn lamb or the production of milk. So a fairly good condition must be maintained thru the winter months, and grain rations should start the moment the eye of the shepherd denotes the least falling off in vigor.

Grain feeding should begin even in good doing flocks from four to six weeks before lambing. This assures a good milk flow, and a full udder is not only a fine insurance of a thrifty lamb but also helps in making a good mother.

The kind of grain to be fed will depend largely on the hay used. If good clover, alfalfa or soybean hay is provided, more corn can be fed than if corn fodder contributes as part of the roughage. Shock corn may be used to advantage prior to lambing where good leguminous hay is fed. The cost of husking is eliminated, the fodder is utilized and if fed in the field, exercise is provided.

Protein feeds such as oats, bran and oil meal should show a gradual increase as lambing approaches. It is from such sources that milk is formed and a strong, rugged lamb developed. A mineral ration may have a direct bearing at this time on the development of the lamb. This may be fed instead of salt or in conjunction with it. Roots, beets or turnips are a wonderful addition to the ration, and form a large portion of the feed of English and Scotch sheepmen. Cabbage is a good supplementary feed.

An ideal ration would be clover or alfalfa or soybean hay, and a grain ration of about 2 parts corn, 2 parts oats, 1 part oil meal, pea size and 1 part bran, with a supplement of cabbage or roots.

The amount of grain fed will vary with the date of lambing and quality of roughage. For ewes lambing early a half pound a day up till lambing time, then gradually increasing to full feed or what will be readily eaten twice a day without waste or showing a disposition to leave some should be a fairly safe rule to follow.

### Eliminate Timothy

Never feed timothy hay, especially timothy cut ripe. Straw is much better for sheep and may be fed as a supplementary feed when alfalfa or soybean hay is used. Timothy is not only low in nutritive value, but also has a constipating effect on the ewe and produces a lower grade of wool.

Before lambing, if the ewes have not been sheared, it will be necessary to tag them well around the britch, udder and inside the hind leg. This serves three purposes: it permits the lamb to more readily find the teat, eliminates the danger of sucking wool locks and getting them in the stomach and frequently prevents eye infection, caused by coming in contact with wet, stained wool.

The wise shepherd always makes a point of being near the flock during the lambing season to render such assistance as may be needed.

If the ewes are lambing in the barn a creep for the young lambs should be provided. This should have a small rack for choice hay and a trough for feeding crushed oats and finely carrying an abundance of fat, as corn cracked corn, bran and oil meal; feed

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only such quantities as will be cleaned up.

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There is nothing which pays better for time and money involved than bringing your ewe flock thru the winter in such a way as to insure a good lamb crop and a merchantable clip of wool.

## And Uncle Guinea Helps!

Guineas are one of my sidelines, and, while I have achieved no phenomenal success, I have succeeded in raising them when many other folks fail. The best time for hatching is the first part of July. The proper mother for the little fellows is their own guinea mother, and to her should be accorded the privilege of incubation. A dry year is the best for young guineas as well as for young turkeys. The young guineas are so nervous that they should be left alone with their mothers, and, as is always the case, all their grandparents, uncles, aunts, and cousins, who labor just as diligently for their upbringing as do their mother.

They should have access to pure, cool water, tho they are able to abstain from water for a greater period, without harm, than any other sort of domestic fowl. Only once or twice a day do they really require feeding by their owner. They are good insect and seed hunters, and really prefer these forms of sustenance to that which their owners furnish so that usually they are virtually self-supporting. A flock of guineas are real money-makers, or, more truthfully speaking, are money-savers for their owners. They lay eggs by the half bushel—actually—and while they will not sell on the market, they have as much feeding value as the ordinary hen egg, so they may be used altogether for home use, thus liberating all the hen eggs for the market.

If eaten before they attain the age of 18 months, no better fowl meat exists. At that age a well-cooked guinea might easily pass for prairie chicken, but after that age they are not so desirable. Guineas are really ornamental. They clean up untold insects and weed seeds. Yes, they have drawbacks, naturally. They are noisy in the extreme. Sometimes the neighbors could, with good grace, wring the neck of every one of them. They sometimes make it unpleasant for chicken hens. On the other hand, they forage for most of their food, and their habit of noise will not allow a stranger, a thief, a marauding owl or dog or 'possum to go unnoticed or unhindered day or night. A hawk circling about in a menacing manner calls forth a noisy tirade from every guineafish throat.

Even if the cows or hogs get out of their accustomed haunts the guinea makes of itself a committee of one to notify headquarters. Then, too, hotels are eager to buy young guineas, and they do not have to be grown up, either. As for enemies, a wet season, heavy dews, for the babies, and skunks and the ordinary bull snakes for the eggs are the greatest. By all means include a sitting of guinea—the Pearl—in your egg purchases for this season.

Lilly Bowers Crampton, Arkansas City, Kan.

## In a Comedy Kingdom

Americans seem to be running the ancient kingdom of Persia. Because of the successful work of Arthur C. Millspaugh, an American, in reorganizing the finances of Persia, the new shah, Reza Khan, has authorized the engagement of 12 more Americans for the finance department and one as director of agriculture. An American will be appointed director of roads and another will be called in as adviser on rail construction. Thirty Persian students will be selected to go to the Ford works in Detroit to study the manufacture of automobiles.

## Kansas Accredited Hatcheries



The Kansas Accredited Hatcheries Association stands for high standards in baby chicks. All "Accredited Chicks" come from carefully selected flocks where every breeding bird must pass a rigid inspection by an association inspector specially trained and approved by the Kansas State Agricultural College. Each bird is selected for breed characteristics, for strength and vitality, and for production.

For further particulars address the Secretary, Kansas Accredited Hatcheries Association, Manhattan, Kan.

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not quantity, specializing in Buff Leghorns; also hatching White Leghorns, White Wyandottes, S. C. Reds and Anconas. Catalog. **ALF JOHNSON, LEONARDVILLE, KAN.**

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**DR. A. R. HATCHER**

**WELLINGTON, KANSAS**

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because we specialize on fewer breeds and do not sacrifice quality on the altar of quantity. We offer S. C. Red, Barred and White Rock, White Wyandotte, Tancred White Leghorn and English White Leghorn Chicks from our Ideal and Sunflower Farms quality State Accredited and blood-tested diarrhoea free flocks at 12c-15c; some cheaper. Get our free catalog before buying. **American Ideal Poultry Farm, C. E. Potter, Prop., Chanute, Kansas**

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From trapnested and pedigreed TANCREDS and BARONS (bred separately). With egg records of 200 to 308—Approved and certified by Kansas Dept. of Agriculture. Illustrated and instructive Catalog free. **ENGLEWOOD EGG FARM, Box 95, Olathe, Kansas**

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**R. I. Vernon, Kansas**

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## Used Machinery

Can be sold or traded by using classified advertising in **FARMER AND MAIL & BREEZE** which is read in over 60% of the farm homes of Kansas.

What you don't need some other farmer does, and you may have just what the other fellow wants if he only knew where to get it. The cost is small and results big.



# Freight Rates & Values of Commodities

Freight rates on farm products are criticised by some persons on the ground that they are too high as compared with rates on other kinds of commodities. The Hoch-Smith resolution passed by Congress indicated that the Interstate Commerce Commission in fixing freight rates should give more consideration to the value of commodities. The authors of the resolution believed this would result in reductions in rates on farm products.

This view is entirely erroneous. Freight rates on farm products are not high in proportion to their value; and the fixing of rates on the basis only of the value of commodities would result, not in a reduction, but in a general advance, in the rates on farm products.

## Many Factors Must Be Considered in Rate-Making

A very important factor is the cost incurred by the railways in transporting different commodities. The competition of railways with each other and with water carriers, and the competition of different producing territories and markets with each other, must also be considered. If freight rates were based only on value, large classes of cheap commodities, such as lumber and coal, would be hauled for less than the direct expense incurred by the railways in hauling them.

However, the value of different commodities already is given much consideration in fixing rates. Some persons have criticised the freight rates on farm products solely on the ground that they are higher in proportion to commodity values than the rates on manufactured articles. Certain of the statistics on this subject that have been widely used are very misleading. Furthermore, in such discussion the rates on other large classes of commodities shipped by rail must also be considered.

## Rates Low in Proportion to Value of Farm Products

Recent estimates, which have been carefully made, indicate that in 1925 the average value of all manufactured

products shipped by rail was about \$134 per ton; of farm products, (including animals and animal products) about \$111; of forest products, about \$17; and of products of mines about \$4.75. These are their estimated values at the destinations to which they are shipped.

The average freight charge per ton on manufactured products in the entire country was about 4½ per cent of their value per ton and the average freight charge on farm products was about 6 per cent of their value. This takes no account of the average distance that each ton was hauled. In western territory the average distance that a ton of farm products is hauled is greater than the average distance a ton of manufactured articles is hauled. In consequence, the average freight rate per ton per mile in western territory on farm products is only about 1.25 cents, while on "manufactures and miscellaneous" it is 1.36 cents.

The average freight charge per ton in the entire country on "forest products"—lumber, etc.—was about 20 per cent of their value per ton. The average freight charge per ton on all products of mines was about 40 per cent of their value.

## Readjustment Based on Value Would Increase Rates on Farm Products

The rates on products of forests and mines actually are low. They are higher in proportion to the value of these commodities than the rates on manufactured and farm products because the average values per ton of products of forests and products of mines are lower.

The tonnage of products of forests and of mines transported by the railways of the entire country is so great that the total earnings derived from hauling them are more than twice as great as the total earnings derived from hauling farm products. Therefore, if all freight rates were to be readjusted in proportion to the value of commodities they would be so reduced on forest and mineral products as to make necessary large advances in the rates on both manufactured and agricultural products.

The claim that the present adjustment of freight rates unfairly discriminates against farm products in general is not based on facts.

This is one of a series of statements published to give the farmer authentic information about railroad matters. Any questions that you would like to ask will be cheerfully answered. Address:

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740 Transportation Building, Chicago, Illinois

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## More Business Gains

Business activity in practically all lines is gaining further momentum, following the post-holiday lull. It seems that industrial life is in for another good year. This should be of considerable value in holding up the price levels for Kansas farm products.

While production in basic industries for the last year was approximately at the high level of 1923, the activity was not based on an accumulated deficit or emergency needs, but rather on the growth and prosperity of the country, facilitated by cheap credit, effective transportation facilities and intelligent adjustment of operations to market requirements. Stimulated by these "normal" requirements, records in production were established in steel, copper, automobiles, rubber tires, building, silk, rayon and possibly lumber. Despite the heavy volume of output and the prevalence of small lot buying during most of the year, the goods were moved without congestion or delay.

The steel industry began the new year with operations at about 87 per cent capacity and with a steady increase in unfilled orders since last September. A strong buying movement from the construction industry, automobiles, farm implements and railroads is expected to sustain operations at unusually high levels for another year. Contrary to the usual seasonal trend, construction volume in December exceeded that of the previous month, and prospects are good for building activity in the first half of this year, but with a probability that a turning point will be reached during that period. While production in the automobile industry declined during the last two months of 1925, December output was 65 per cent above a year ago. A heavy production schedule is contemplated for this year, with reduced prices and improvement in design as sales aids.

Among textiles, silk is the most active. During 1925, production and distribution gained sharply over previous years, and judging from present heavy orders, 1926 will be another banner year. The accelerated activity in the cotton industry, which began last August, continued thru the year, with operations in December the highest since April. A steady increase in orders for finished goods assures a large volume for at least the first three months of this year. Sentiment is improving in the wool market, and with raw wool prices one-third less than a year ago, the outlook is more encouraging. A steady improvement is being made in practically all branches of the shoe and leather industries.

Most of the major industries are now operating at a much higher rate than a year ago. These operations are based on increasing orders, more extensive future commitments, and a large attendance in buyers' markets and national shows that have been held recently. While the apparent soundness of the more fundamental factors—comparatively cheap money, high purchasing power, moderate inventories, conservative buying policies and stable prices—are recognized, there is some apprehension that production may be speeded up in excess of consumers' requirements. On the other hand there is a growing feeling that we have entered on a period in which we are reaping the benefits of a broad distribution of wealth. Since the consumption capacity of the individual is more or less uniform, the aggregate consumption of a nation in which wealth is widely distributed is much greater than when the same amount of wealth is concentrated in the hands of a few. The full extent of this force cannot be measured, but its influence as a fundamental trade stimulus must be considered in any attempt to appraise future business developments.

While the outlook for the first half of 1926 appears very favorable, and no marked change from the present situation is looked for, it seems probable that before the close of the year a policy of restraint will be necessary in some lines, at least.

## After 27 Years

Eighteen years ago a company of distinguished men were gathered about a council table at The Hague. An American delegation had come to present a new idea. "You have heard of the Supreme Court of the United States," began the American spokes-

man. "Why not have a Supreme Court of the World, a Permanent Court of International Justice to which nations might take their grievances, just as individuals, cities and states may take their disputes to the United States Supreme Court?"

The world statesmen nodded. They were impressed. But the idea was new, and large. "Why not try another kind of court first?" they said, and The Hague came into being. Everyone joined it, including the United States.

But The Hague proved inadequate. So again, eight years later, when the nations were assembled again, the United States presented the idea of a World Court. This time the nations saw more clearly and the plan was adopted, but a controversy developed over how the judges should be selected. The disputed point was referred to Elihu Root to work out.

Once more, five years later, America went back to The Hague, this time in 1920, after the Great War. Mr. Root's plan was adopted, with a few minor changes, and the World Court was born. Forty-eight nations joined it, including Great Britain, France, Italy, Japan and the Netherlands—big nations, but the United States was not one of them.

"Mr. Root's World Court," some folks called it.

Five Presidents indorsed it. Theodore Roosevelt, William Howard Taft, Woodrow Wilson, Warren G. Harding and Calvin Coolidge. Three of them had a hand in it. Still the United States did not join.

Then, finally, the Senate approved participation by the United States, with reservations, after a four-year fight.

Now, the United States, if these reservations are approved, is to become a member of the court for which Americans have been working since 1899—for 27 years.

## From Station KSAC

This is the radio program which is coming next week, February 8 to 13, from Station KSAC.

Rural School  
9:00—Music, Inspirational Talks, Agricultural Primer, Callisthenics.  
Three H  
9:55—Readings, Backyard Gossip, All 'Round the Ranch, Question Box, Planning Today's Meals.

NOON-DAY 12:35-1:05

Readings, Timely Talks, Question Box—  
Monday—Are You Running Short on Cow Feed?  
Ridding Potato Fields of Gophers  
Tuesday—Portable Hog Houses.....A. E. Moore  
Asparagus Culture.....W. G. Ward  
Wednesday—Market Forecast.....E. A. Stokdyk  
Preparation of Farrowing Quarters  
Thursday—Planting Time for Poultry Profits  
Stories From the 1925 Account Book  
Friday—Common Intestinal Worms of Hogs  
Care of the Young Foal.....J. W. Lumb  
.....R. W. Kiser

MATINEE—4:30-5:00

Monday—Third Year Eng. Literature.....High S. Credit  
Tuesday—Program for Women's Clubs  
Wednesday—Basketball Lectures  
Thursday—Botany  
Friday—Lessons in Color and Design

COLLEGE OF THE AIR—6:30-7:30

Market Review  
Opportunity Talks  
Monday—Book Review  
Current Events  
Tuesday—Better Speech  
Etiquette  
Wednesday—Sports  
Inventions  
Thursday—Music  
Friday—Travelog  
Extension Credit Courses  
Monday—Sociology  
Tuesday—Economics  
Wednesday—Agricultural Journalism  
Thursday—Educational Psychology  
Friday—Vocational Education  
Extension Courses  
Monday—Exports, Imports and Agriculture  
Sorghums for Pasture and Hay  
Tuesday—Feeding Spring Pigs.....A. D. Weber  
Official Testing of Dairy Cattle  
Wednesday—Road Material Resources of Kansas  
Tire Economy.....C. H. Scholer  
Thursday—Keeping Household Accounts  
Digging Your Grave with Your Teeth  
Friday—The Return of the Towns.....Walter H. Burr  
Types of Radio Receiving Sets.....E. R. Lyon

## Poultry House Nests

BY R. G. KIRBY

The cheapest nesting sections we ever made consisted of store boxes purchased at 5 cents apiece. Each box was just the right size to be divided into two nests. The boxes were nailed in rows under the windows, with a steep slanting roof built of scrap over them. A 2-inch piece of wood nailed across the front of the boxes served as a perch to aid the hens in climbing into the boxes. We have

You must supply the raw material



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NO factory can produce a finished product without raw material. No hen can lay eggs unless she is fed raw material food.

Pilot Brand Oyster Shell-Flake contains 98% calcium carbonate, the raw material of which egg shells are made. Hens must have it if profitable egg production is had. It is cleaned, crushed and graded in Chick and Adult sizes and packed in new 12-oz. 100lb. burlap bags. Pilot Brand contains no waste.

OYSTER SHELL PRODUCTS CORP.  
Security Bldg.  
St. Louis, Mo.

Keep PILOT BRAND Always Available to Poultry



used orange crates in the same manner, but the orange crates must have the boards removed from the bottom and re-nailed close together so litter will not fall out.

Our best homemade nests are made in sections of 16 nests without backs. They are four nests high and four nests wide, with a perch in front of each section. A steep roof of matched lumber keeps the hens from roosting on the sections. The sections are hinged to the walls of the laying house partitions. They can be swung out from the wall and braced, and all the litter and dust quickly brushed out of the back with a stair brush.

If there is no time to make good nests I think it pays to buy the metal nests sold commercially. These nests can be purchased either with or without trapnest doors. If a poultryman only has time to trapnest during November and December he can use such nests to aid in selecting the spring breeding flock and then wire the trapnest doors open and not use them during the spring and summer when days are long and time is needed with the crops.

It is better to have a surplus of nests than not enough, for overcrowding frequently results in broken eggs. The more nests you use the greater the distribution of the eggs and the fewer the eggs to be soiled if one is broken.

Usually a nest for every four birds is about right even in the spring. But gather up the sitting hens every night if you have a breed that is broody, or the nests will soon be overcrowded at the peak of the spring laying season, even with a nest to every four hens.

Too frequently a poultry house is built with much care and then the nests are thrown in hurriedly. They are one of the most important features of a poultry house, and the work should not be done carelessly. Whenever it is not done right there is work to do over, and eggs probably will be lost in the meantime.

We never build nests now unless they are removable for cleaning, sunning and spraying. Even the store box and orange crate nests can be hooked to the wall or arranged where they can be removed quickly and the mites dislodged if they have made a start in the cracks.

## And Then You'll Know

BY R. G. KIRBY

The keeping of poultry accounts helps to make the business interesting. Without accurate accounts the profits are likely to be over-estimated or underestimated. When the poultryman buys feed it looks like the business was nothing but expense. When you have a good day selling eggs and birds it looks like a very profitable venture. Only the figures down in black and white can tell an accurate story.

On the general farm poultry accounts are often lacking because there are no separate feed bins for the birds. The hens and hogs receive corn from the same crib. The ground grain bought for the cows may be borrowed to mix up a laying mash for the hens. The eggs may be traded for groceries and the hens given credit for the necessities they have brought into the home. If you do not care whether the hens pay or not that is an easy way of running the flock.

In keeping poultry accounts a small notebook is all that is necessary. Enter up the amounts spent for feed and charge the hens for the home-grown feed that goes into their bins at market value. Give the hens credit for all eggs produced and all poultry meat sold. I do not think it is necessary to charge the hens with waste materials such as skim milk and buttermilk produced at home, or straw for litter which is later returned to the soil in a more valuable condition.

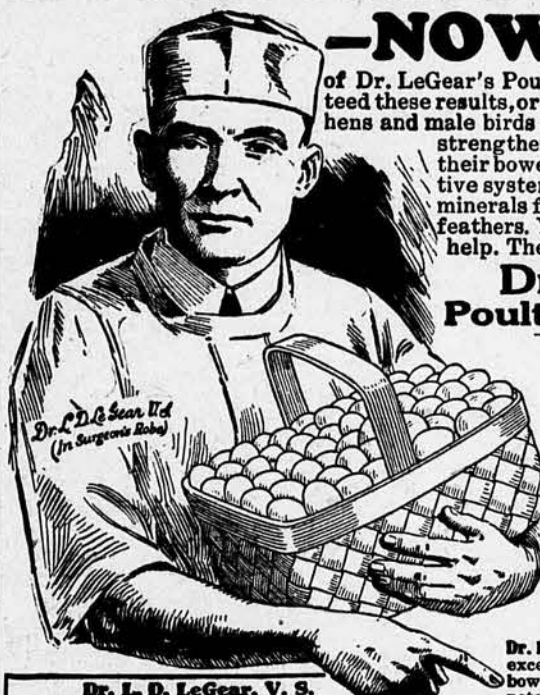
At the end of every year an inventory of the flock can be made and compared with the inventory of the previous year. The figures plus a study of the inventory give a fairly correct idea of the year's poultry business. It is a great help in planning operations in the year to come.

New York pater—"What is there about Europe that's so wonderfully fascinating?"

New York daughter—"One meets such nice Americans."

# Get More Eggs—Get Better Fertility

**—NOW** More eggs—better fertility, bring maximum poultry profits. Every user of Dr. LeGear's Poultry Prescription is guaranteed these results, or money back. It will give your hens and male birds needed tonics for the blood—strengthen their vital organs—keep their bowels regulated, and their digestive systems toned up and will provide minerals for the blood, bone tissues and feathers. Your chickens must have this help. The easiest, surest way is to use



## Dr. LeGear's Poultry Prescription

Dr. LeGear's Stock Powders are a wonderful tonic, appetizer, condition powder and animal regulator. Keep horses, mules, dairy cattle and live stock healthy and at proper weight. This is the same prescription used by Dr. LeGear for 30 years in his practice as a Veterinary Surgeon.

Every farmer should have these additional Dr. LeGear aids. Dr. LeGear's Lice Powder—unequaled for ridding nests, poultry and live stock of lice, mites, fleas, etc.

Dr. LeGear's Chick Diarrhea Tablets—excelled for white diarrhea and other bowel troubles in baby chicks. Try it and note the quick result.

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CHOICE BUFF ROCKS; EGGS \$6.00 HUNDRED. Margin Jordan, Baldwin, Kan.

BUFF ROCK EGGS, \$6.00 PER HUNDRED prepaid. Chauncey Wood, Solomon, Kan.

BUFF ROCKS, CERTIFIED CLASS A. Eggs \$6.00-100; \$3.50-50; \$1.50-15. Olive Holmes, White City, Kan.

BUFF ROCK COCKERELS, \$3.00 EACH. Prize winning stock, 15 eggs \$1.25. Mrs. Robt. Hall, Neodesha, Kan.

## PLYMOUTH ROCKS—BARRED

BARRED ROCK COCKERELS, \$2.50-\$3.00. J. E. Moore, Kingman, Kan.

IMPERIAL RINGLETS BARRED ROCK cockerels, \$2.50 each. Oscar Chinn, Coats, Kan.

PARKS BARRED ROCKS; COCKERELS \$3.00, four \$19. Rena DeBusk, Macksville, Kan.

PURE BRED BARRED ROCK COCKERELS, Bradley Strain, \$1.50. Emma Darrin, Basil, Kan.

RINGLET BARRED ROCK COCKERELS, \$3.00 to \$5.00. Kaesler Farm, Junction City, Kan.

CERTIFIED BARRED ROCKS; COCKERELS \$2.00 up. Prize winners. Lew Berry, Wilsey, Kan.

THOMPSON RINGLET BARRED ROCK COCKERELS \$2.50; 6-\$12.00. Arthur Beach, Peabody, Kan.

30 THOMPSON BARRED ROCK COCKERELS, \$3.50 each. Henry Schlatter, 2114 Park, Topeka, Kan.

THOMPSON RINGLET BARRED ROCK COCKERELS \$2.25; 6-\$12.00. Eggs \$5.00-100. Chas. Byers, Bremen, Kan.

ARISTOCRAT AND RINGLETS, DARK barred cockerels, \$3.00 and \$5.00. Mrs. Mattie Gillespie, Elk City, Kan.

BARRED ARISTOCRAT COCKERELS, 288 egg prize winning line, \$3.00. Guaranteed. Mrs. Florence Steele, Belvue, Kan.

THOMPSON BARRED ROCKS; FOURTEEN hens, nine pullets, fourteen cockerels. Mrs. A. Anderson, Greenleaf, Kan.

SIMS LAYING STRAIN BARRED ROCK COCKERELS, \$2.00, \$2.50, \$3.00; pullets, \$2.00. Mrs. Henry Dellinger, Argonia, Kan., Rt. 2.

RINGLET BARRED ROCK EGGS, CLASS A flock, \$5.00-100; \$6.00 packed, \$1.50-15. Chicks, 16c each. Ed King, Chapman, Kan.

PARK STRAIN BARRED ROCK COCKERELS, Bred layers, choice birds, \$3.00 to \$5.00 each. Mrs. C. W. Douglass, Wray, Colo.

BARRED ROCKS, STANDARD BRED cockerels, Eggs, 100, \$6.50; 50, \$3.50; 15, \$1.50. Postpaid. Mrs. J. B. Jones, Abilene, Kan.

DARK BARRED ROCKS, STRAIGHT NARROW barring, large boned. Eggs \$1.50 setting, \$6.00 hundred. Otto Piepmeyer, Stafford, Kan.

MALTESE STRAIN BARRED ROCKS, Wonderful dark cockerels and females at farmer's prices. Mrs. W. B. Popham, Route 5, Chillicothe, Mo.

THOMPSON BARRED ROCKS, CERTIFIED Class A. Excellent layers. Eggs \$5.00-100; \$1.00-15. Prepaid. Patience Amcoats, Clay Center, Kan.

LARGE BARRED ROCK COCKERELS, Nice Bay's strain from his prize stock, \$2.00-\$3.00; also the sand plumes. William Webster, Gove, Kan.

RINGLET BARRED ROCKS, LAYING strain, 27 years selective breeding. Eggs \$1.25 per 15; \$6.00 per 100. Mrs. Helen Romary, Olivet, Kan.

DARK BARRED ROCKS, STATE CERTIFIED B-plus. Blood tested. High production. Eggs \$6.00 hundred. Prepaid. Mrs. G. B. Viney, Murdock, Kan.

IMPERIAL RINGLET BARRED ROCK COCKERELS, bred from heavy winter layers, \$3.00 each. Eggs \$6.50 per hundred; 15-\$1.25. D. A. Harris, Great Bend, Kan.

BARRED ROCKS; WINNERS THIS SEASON, Royal, Kansas City, Sunflower, Topeka, Concordia, Clay Center. Cockerels \$2.00, \$5.00, \$7.50 up. Mattie A. Gillespie, Clay Center, Kan.

PURE THOMPSON RINGLET COCKERELS, Darks, from 1, 2, 3 cock birds Wichita National Show. Lights brothers to 1st prize pullet Wichita. From trapnested stock, \$5, \$8. Mrs. Robt. Simmons, Severy, Kan.

RINGLET BARRED ROCKS, 27 YEARS selective breeding. Deep barred, large boned. Cockerels \$2.00 to \$5.00. Mrs. Helen Romary, Olivet, Kan.

PARK'S OVER 200 STRAIN BARRED PLYMOUTH ROCKS, Cockerels \$4.00 to \$5.00. From highest producing, excellent layers. Eggs \$2.50 setting; \$7, \$10 per 100. Baby Chicks 17c and 20c. Mrs. F. Hargrave, Richmond, Kan.

BARRED PLYMOUTH ROCKS; COCKERELS \$3.00 to \$10.00, pullets \$2.50 to \$5.00 each. Extra good line \$5.00 birds. Dark, medium or light. Took over 100 prizes in past year. Satisfaction guaranteed. Dr. Hackley, Barnard, Kan.

## PLYMOUTH ROCKS—BARRED

100 IMPERIAL RINGLET BARRED PLYMOUTH cockerels and pullets. Extra large and of exhibition quality. Cockerels, \$5.00; \$7.00, \$10.00. Pullets \$3.00, \$5.00. Eggs 15, \$2.00; 100-\$10.00. Chicks, 25 to 75, 25 cents each; 100 or more, \$20.00. A. L. Hook, Coffeyville, Kan.

## PLYMOUTH ROCKS—WHITE

WHITE ROCK EGGS, \$5.00-100. Mrs. Verna Bowser, Abilene, Kan.

ROSE COMB WHITE COCKERELS, \$2.50 each. Frank Skalicky, Wilson, Kan.

PURE WHITE ROCK EGGS, \$4.00 PER hundred. Irvin Kreutziger, Marion, Kan., Route 5.

FISHEL WHITE ROCK COCKERELS, heavy laying, \$2.00. Anna Pick, McAlister, Kan.

FISHEL STRAIN WHITE ROCKS, COCKERELS, large bone type, \$2.50; four, \$9.00. Henry Korgan, Hastings, Nebr.

CERTIFIED WHITE ROCK COCKERELS, from high producing blood tested flock, \$4.00. Mrs. Wm. Hartman, Bigelow, Kan.

WHITE ROCKS, FISHEL STRAIN; COCKERELS \$3.00, \$5.00. Hens, pullets, \$1.50; Eggs \$6.00 hundred. Carl Keesling, Neodesha, Kan.

WHITE ROCK STOCK EGGS, EGG-PEDIGREE mating, \$5.00-15. Exhibition \$3.00-15. Range \$7.50-100. Prepaid, guaranteed. Chas. Blackwelder, Isabel, Kan.

WHITE ROCK EGGS FROM BIG, SMOOTH, over standard weight birds. Non setting strain. Grand champions in show room. Mating list free. J. W. Southmayd & Sons, Salina, Kan.

EXTRA FINE WHITE ROCK, WYANDOTTE and S. C. R. I. Red cockerels. All from good egg strains, trapnested stock. No disease. If looking for quality, write for prices. Norton L. Harris, 2029 Buchanan, Topeka, Kan.

## RHODE ISLANDS—RED

LARGE DARK ROSE COMB RED COCKERELS, \$3.00; pullets \$1.50. Ed Bohn, Alma, Kan.

RHODE ISLAND RED EGGS FROM TRAP-nested stock; \$6.50-100. J. W. Cornick, Anthony, Kan.

ROSE COMB REDS, STATE PRIZE WINNERS. Eggs \$5.00-100. 6 pen matings. E. W. Clark, Milo, Kan.

SINGLE COMB RED, TWENTY CULLED cockerels, guaranteed, at \$2.50 each. Sylvia Sherwood, Concordia, Kan.

TOMPKINS STRAIN SINGLE COMB, healthy, dark R. I. Red cockerels, \$2.50. Alvin Shenaman, Rydal, Kan.

STATE CERTIFIED ROSE COMB R. I. Red eggs \$5.00 hundred. Cockerels \$2.00 up. Laura Newton, Americus, Kan.

STATE CERTIFIED CLASS "A" SINGLE Comb Reds. Fine, vigorous cockerels from trapnested hens, \$3.00 to \$15.00. Mrs. Sophia Lindgren, Dwight, Kan.

FINE, LARGE, DARK, VELVETY RED Rose Comb Rhode Island cockerels, \$2.00, \$3.00. Joseph Vavroch, Oberlin, Kan.

S. C. RED COCKERELS FROM OWENS farm eggs, others Owens strain, \$5.00 to \$10.00. Mrs. H. R. Anderson, Colby, Kan.

DARK ROSE COMB, TRAPNESTED. Eggs; range \$6.00-100. Pens \$2.50-15. Chicks 15c. D. B. O'Neill, Ransom, Kan.

ROSE COMB RED COCKS AND COCKERELS, Quality, type and color, guaranteed, \$5.00, \$7.50. Mrs. E. C. Grizzell, Clafin, Kan.

CERTIFIED SINGLE COMB RED COCKERELS, \$4, \$5, \$7. Eggs \$10 per 100. Winning stock. Mrs. Perrin Symms, Atchison, Kan.

LARGE BRILLIANT RED ROSE COMB cocks and cockerels. A real red, good laying strain, \$2.50, \$3.00. G. H. Meier, Alma, Kan.

SELECTED DARK RED S. C. RHODE Island cockerels; \$2.00, \$3.00 and \$4.00 each. Pen eggs \$8 per 100. Lewis Janssen, Frederick, Kan.

SINGLE REDS, DIRECT TOMPKINS, cockerels or pullets \$3.50, \$4.75, \$7.00. Eggs, \$3.50, \$5.00. Satisfaction. Sol Banbury, Pratt, Kan.

PURE BRED, LARGE TYPE, DARK RED, Single Comb Rhode Island cockerels, from select pen stock, \$3.00, \$5.00. Mrs. Gust Allen, Maplehill, Kan.

SINGLE COMB RED COCKERELS FROM Tompkins strain, prize winners, tops of flock of 150 birds \$5 each. Mrs. Victor Kirk, Bazaar, Kan.

ROSE COMB RED COCKS, COCKERELS, progeny \$100.00 male. Also Owens farm strain single combs, \$3.50 to \$10.00. W. R. Huston, Americus, Kan.

ROSE COMB—300 EGG STRAIN, PEDIGREE cocks over 300. Pen one, \$3 setting; pen two, \$10 hundred. Baby chicks. Mrs. Maud Smith, Alden, Kan.

HARRISON'S EXHIBITION EGG STRAINS Single and Rose Comb Reds, Stock, Eggs and chicks. Write your needs. Harrison Red Farms, College View, Nebr.

SINGLE COMB RHODE ISLAND REDS, state certified class "A". Dark even color, heavy layers. Eggs \$7.50 per hundred. Mrs. Henry Weirauch, Pawnee Rock, Kan.

STATE CERTIFIED GRADE B SINGLE Comb Rhode Island Red cockerels, \$3.50 to \$10.00; pullets, \$3.00. Satisfaction guaranteed. Archie Fisher, Wilmore, Kan.

SINGLE COMB HEALTHY RED COCKERELS, Hoganized for color and egg production from pen matings, \$2.50, \$3.00. Also hatching eggs. B. G. Burkman, Box 77, Talmo, Kan.

MARSHALL'S REDS; BOTH COMBS, L.A. Cygne, Kan. Winners this season, fifteen year show record. Cockerels \$2.00, \$3.00, \$5.00. Eggs \$10.00 per hundred. Prepaid, free mating list.

EXTRA LARGE BONE, LONG BROAD backs, low tail, dark even red Rose Comb Rhode Island cockerels, \$2.50, \$3.00. Five, \$10.50. Eggs 15, \$1.00; 100, \$5.50, postpaid. Fertility guaranteed. Walter Baird, Lake City, Kan.

PURE BRED SINGLE COMB REDS, Tompkins strain. Latge, good type, dark red, high egg-bred cockerels \$2.00, \$3.00 each. Few very choice birds \$5.00. Money returned if not satisfactory. John Little, Concordia, Kan.

STATE CERTIFIED CLASS "A" TRAP-nested, Pedigreed, nonsetting Rose Comb Reds. Exhibition and highest production combined. Blue ribbon winners. Choice, vigorous, pen-heading cockerels \$10.00, \$15.00. Satisfaction guaranteed. Eggs, Mating list on request. Mrs. James Gam-mell, Council Grove, Kan.

## RHODE ISLANDS—RED

ROSE COMB REDS—SPECIAL PEN AND flock headed by first prize winners. Blood lines of finest reds in the world, \$10 cockerels \$8; \$5 cockerels, \$3.75; \$3.50 cockerels, \$2.50. Money refunded and return express paid if not satisfactory. Mrs. J. C. Banbury, Pratt, Kan.

## RHODE ISLANDS—WHITE

ROSE COMB RHODE ISLAND WHITE eggs, Excelsior strain, \$5.00 hundred. Clem Giger, Allen, Kan.

COCKERELS HATCHED FROM PEN mated to male direct from Fishel, \$2 and \$3. Cora Trapp, Waldo, Kan.

ROSE COMB RHODE ISLAND WHITE chicks, 16c. Prepaid. Guaranteed alive. Winifred Young, Wakefield, Kan.

ROSE COMB RHODE ISLAND WHITES, Kansas Accredited. Eggs \$1.50 and up. Circulars. E. H. Steiner, Sabetha, Kan.

EXCELSIOR R. C. RHODE ISLAND Whites, laying strain. Range eggs \$8.00 per hundred. Chicks 16c each. O. A. Ritz, Canton, Kan.

## TURKEYS

PURE WHITE HOLLAND TOMS \$7.00 each. Harvey Knoll, Portis, Kan.

BOURBON RED TOMS, \$10.00, hens \$7.00. Mrs. J. W. Gaston, Larned, Kan.

PURE NARAGANSETT TOMS, \$10.00, hens, \$6.00. Carrie Yapp, Jewell, Kan.

MAMMOTH BRONZE TOMS \$10, HENS \$8, Pullets \$5. T. Lucas, Franktown, Colo.

FOR SALE: CHOICE GIANT BRONZE TURKEYS, "Goldbanks." Vira Bailey, Garden City, Kan.

EXTRA FINE BOURBON RED TURKEYS; Toms \$10.00, Hens \$6.00. Sadie Struthers, Rozel, Kan.

WANTED: SEVERAL BRONZE TURKEY hens. State weight and price. A. W. Baker, Allison, Colo.

BRONZE TURKEYS, GOLDBANK STRAIN; Toms \$10.00, pullets \$8.00 each. Frank Ayers, Burns, Kan.

MAMMOTH BRONZE TURKEYS, EXTRA large; Toms \$15.00, Hens \$8.00. Fowler Bros., Russell, Kan., Route 3.

PURE BRED MAMMOTH BRONZE TOMS, \$10 and \$12; Hens \$6.50 and \$8.00. Effie Bachar, Russell, Kan., Route 5.

MAMMOTH BRONZE GOLDBANK TURKEYS, prize winning stock; Toms, \$10 to \$15. Kent Koontz, Haven, Kan.

MAMMOTH BRONZE GOLDBANK 54 pound strain, April hatched, \$10; 2 year, \$12. Anna Flick, McAllister, Kan.

BEAUTIFUL WHITE HOLLAND TOMS, \$9.00, Hens, \$6.00; year old tom, a dandy, \$12.00. Joe Riggs, Waverly, Kan.

MAMMOTH BRONZE TURKEYS, GOLD-bank strain, from laying strain, Vaccinated, Toms \$12.50; Hens \$8.00. Homer Alkire, Belleville, Kan.

MAMMOTH BRONZE TURKEYS, BUY BIG-gest and best. May toms 30-33 lbs., pullets 18-20 lbs. From prize winning stock. Elmer Harris, Sharon, Kan.

GIANT BRONZE YOUNG TOMS, GOOD bone, shape and markings; 25-26 pounds \$10, 27-28 pounds, \$12.50-15. R. Ramsbottom, Munden, Kan.

## WYANDOTTES—SILVER LACED

SILVER LACED WYANDOTTE COCKERELS, Mrs. A. E. Williams, Broughton, Kan.

SILVER LACED WYANDOTTE COCKERELS, \$2.00 each. Mrs. John Eveleigh, Ulysses, Kan.

SILVER LACED WYANDOTTE COCKERELS, \$2.00, \$3.00. Mrs. H. A. Warner, Grenola, Kan.

20 YEARS CHOICE SILVER WYANDOTTE cockerels, \$2.00 each. Mrs. Ida Girard, Route 2, Madison, Kan.

SILVER LACE WYANDOTTES, COCKERELS, pure bred, \$2.00 to \$5.00. Mrs. J. W. Thomas, Humboldt, Kan.

SILVER WYANDOTTE CHICKS, 16c. PRE-paid. Guaranteed alive. Eggs. Mrs. Alfred Young, Wakefield, Kan.

WELL MARKED SILVER WYANDOTTE cockerels, pullets and hens. Henry L. Brunner, Newton, Kan., Route 5.

"BEAUTIFUL" SILVER WYANDOTTES, Males \$2.50, \$3.00, up. Females, half-dozen \$10.00. Mrs. Edwin Shuff, Plevna, Kan.

CHOICE PURE BRED SILVER LACED Wyandotte cockerels, Rose Comb, 17 years in this strain. \$2.50. Mrs. Will McEnaney, Seneca, Kan.

## WYANDOTTES—WHITE

WHITE WYANDOTTE COCKERELS, \$2.50. S. A. Ellerman, Potter, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00. Mrs. N. J. Antrim, Galesburg, Kan.

WHITE WYANDOTTE COCKERELS, HENS and Pullets, \$2.50 to \$10.00. Zenus Rupert, Cummings, Kan.

CHOICE PURE BRED, WHITE WYANDOTTE COCKERELS, \$2.50. Mrs. H. C. Johnson, Garrison, Kan.

COCKERELS: WHITE WYANDOTTE, Kellershausen strain, selected stock, \$2.00. Rose Jelinek, Anthony, Kan.

FLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kansas. Hens, cocks, cockerels, \$3.50 and \$5.00 each.

PURE BRED WHITE WYANDOTTE COCKERELS, Tom Barron's heavy laying strain. August Olson, Russell, Kan.

BARRON'S LAYING STRAIN WHITE Wyandottes, Eggs 15-\$1.50; 100-\$7.50, prepaid. Guarantee 60% hatch. H. A. Dressler, Lebo, Kan.

REGAL-DORCAS WHITE WYANDOTTE hatching eggs. Farm raised flock \$5.00 per 100. Pen stock, \$2.50 per 15. Frank L. Chase, Talmage, Kan.

WHITE WYANDOTTE EGGS, \$5.00-100. Keeler strain direct, state certified, \$50.00 cockerel direct Keeler heading pen, \$30.00-15. Mrs. Chas. Miller, White City, Kan.

MARTIN WHITE WYANDOTTE EGGS, Firsts, headed by prize cockerels, \$7.00 hundred; seconds, \$6.00 hundred. All extra good layers. David Keller, Chase, Kan.

WHITE WYANDOTTES, DIRECT FROM Martin-Keelers show quality record layers; cockerels \$2.50. Range eggs 100-\$6.00; pens \$3.00 setting. H. O. Collins, Fontana, Kan.

## WYANDOTTES—MISCELLANEOUS

COLUMBIAN WYANDOTTE CHICKS 15c. Mrs. A. B. McClaskey, Burlington, Kan.

PURE BRED BUFF WYANDOTTE COCKERELS, \$2.50 and \$4.00 each. Mrs. Elmer Holman, Burlington, Kan.

## SEVERAL VARIETIES

PEA FOWL, PHEASANTS, BANTAMS, Pigeons, Wild Geese, Ducks. Free circular. John Hass, Bittendorf, Iowa.

## POULTRY PRODUCTS WANTED

PAYING FOR NO. 1 CAPONS 32c; TURkeys 38c; Hens 23c; Pigeons each 10c. Coops loaned free. "The Copes", Topeka.

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

## POULTRY SUPPLIES

SPECIAL: CEL-O-GLASS, 33 PT. DELIVERED \$5.00. Two large fountains \$6. Custom hatching 5c. McCune Hatchery, Ottawa.

POULTRY TONE, DOLLAR BOTTLE PRE-paid. Limber Neck remedy, dollar bottle prepaid. Lewis Laboratory, Kiowa, Kan.

MORE EGGS, HEALTHIER CHICKENS. Earlier fliers. New wonder material RAY-O-GLASS, better than glass for scratch sheds, poultry houses, hotbeds, greenhouses. One-eighth cost of glass. Easy to put on. Keeps out cold, wind, rain. Made by a farmer. Guaranteed. Sample on request. 16 yard roll \$5.00; 5 yards \$2.00; 10 yards \$3.50; 25 yards \$8.25. PREPAID. Send check or money order. Ray-O-Glass Company, Dept. B., Emporia, Kan.

## When Mixing Meat Scrap

BY R. G. KIRBY

When sacks of meat scrap are stored for several weeks in the feed house or elevator there is a tendency for the scrap to gather in large lumps. If these lumps are dumped into the poultry mash it is difficult to make a uniform mixture. My method is to lay the lumpy meat scrap sacks on their sides on the floor without opening. Then I walk on the sacks. They are turned over a few times and the walking repeated.

This powders up the meat scrap in a short time, and it can be poured from the sacks like fine brown dust. It is easier than breaking up separate lumps with the shovel.

When feeding high grade tankage I have found it more likely to "lump" than meat scrap, and powdering the material while still in the bag helps to save time in properly mixing the mash. It pays to use high grade meat scrap or high grade tankage. The very low grades of tankage, which are really fertilizer, should not be used as poultry feed and are not so intended by the manufacturers.

If you have any doubt as to the quality of meat scrap, place a little in a dish and cover it with boiling water. If it sends off the odor of spoiled meat the scrap should not be used. If meat scrap is stored on the farm be sure to keep it in a dry place. The fact that bags of meat scrap draw flies does not mean that the scrap is not good. Flies are naturally attracted by the odor. It is best to keep the scrap in a darkened bin where flies will not easily find it.

When making a homemade laying mash I always add the bran to the meat scrap and mix the two thoroly before adding the middlings, ground corn and ground oats. This helps to obtain a good distribution of the meat scrap. Carelessly mixed mash might give the hens 30 per cent meat scrap one day and 10 per cent the next, and produce second rate results.

## Driving Risks

A locomotive engineer dropped dead the other day on a Michigan railroad, and the train ran a distance afterward ascertained to have been 15 miles before the fireman discovered what had occurred and took his place at the throttle.

Nothing happened and no harm was done. But if the same thing had happened to an automobile driver, disaster would have followed in less than a second.

This illustrates a difference between the risks of automobile and locomotive driving. And yet we will not let a man drive a locomotive unless he is demonstrated to be much more than an ordinary man. He must be experienced, skilled, tested, intelligent, responsible and sober.

Anybody can get an automobile license who has the price of a second-hand car.

All Columbus did was to discover America. Look what other people have done to it!

## Well-Founded

In the days of the old Cripple Creek a mining camp judge, on finding the bad citizen of the camp hanging by the neck from a cottonwood, with his hands tied behind him, a six-gun in one hip pocket and \$25.10 in the other, reached this decision:

"If the co't know itself, and the co't think it do, it allow this hyar man come to death from some unknown causes at the hands of persons unknown to this co't, and the co't finds the corpse \$25.10 for carrying concealed weapons."

## In the Big League

A rising young burglar had just moved in from Milwaukee to Chicago and won the hand of Chi Bessie, the famous dip. He rushed home one morning in the wee, small hours in high excitement.

"Wake up, kid!" he shouted to his wife. "Wake up! Pack up! We gotta hop a rattler quick. I just cracked the biggest crib in town and bumped off a couple harness bulls!"

"Aw, shut up and go to sleep," expostulated the fair lady. "You're in Chicago now."

## A Blue Sky Average

Charles W. Sutro & Company, a San Francisco financial house, tells a story about Mortimer Fleishacker of the Anglo-California Trust Company.

It seems Mr. Fleishacker asked a Pullman porter the amount of his average tip. The negro replied that the average amount was \$1. Mr. Fleishacker handed him a dollar. The porter caressed the silver coin affectionately and said: "Yassuh, boss, but you is de fust puhson what has come up to the average."

## One Often Follows the Other

"See here," said the angry visitor to the reporter, "what do you mean by inserting the derisive expression 'Applesauce' in parenthesis in my speech?"

"Applesauce? Great Scott, man, I wrote 'Applause.'"

## A Leisurely Car

JURY CLEARS YOUTH WHOSE AUTO KILLED MISS NETTIE JONES AFTER 45 MINUTES' DELIBERATION

—From a "scare-head" in the Atlanta Constitution.

## Identified

Amateur Actor (as Hamlet)—"There is something rotten in the state of Denmark."

Voice from the gallery—"You're it, old man!"

## A Painful Surprise

Doro surprised Mrs. Abramovitz at her home, 2485 E. 57th St., and fired a shot at her ahrrd pai amfwyoan.—From a crime report in the Cleveland News.

## Breaking the News

Mistress—"Hilda, what do we need for dinner?"

Hilda—"Please, ma'am, I've tripped over the rug and we need a new set of dishes."

## Whose?

CHESTER HILL MAN FALLS FROM ROOF AND BREAKS NECK HE WAS SHINGLING —Clearfield (Pa.) Progress.

## The Permanent Kind

INCREASE IS SHOWN IN FATAL DEATHS —Headlines in the Toledo Blade.

## REAL ESTATE

**SOUTH WESTERN KANSAS** And Baca County, Colo. Lands. Located on new railroad, list of lands and County maps furnished. Agents' co-operation solicited. F. M. Peterson, Johnson, Kan.

**OWN A FARM** in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature; mention state. H. W. Eyerly, 81 Northern Pacific Ry., St. Paul, Minnesota.

## KANSAS

**CHICKEN RANCH**—near Emporia, new 5 room bungalow, and other improvements. Price \$5000. T. B. Godsey, Emporia, Kan.

## The Real Estate Market Page

There are 6 other Copper Publications that reach over 2,302,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

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For Real Estate Advertising on This Page  
50c a line per issue

## Special Notice

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

## KANSAS

480 A., Anderson Co., oil community. Want to trade for Eastern Colo. land. Write for particulars. Mansfield Land Mortgage Company, Topeka, Kan.

**MY 320 ACRES** imp. 140 cultivation, 60 A. wheat. Close to market, school and Catholic church. For particulars write M. H. Whitman, Marienthal, Kansas

**160 A. HIGH STATE FERTILITY.** Improved. Splendid dairy or grain. On surfaced road. Price right. Write Hosford Inv. Co., Lawrence, Kansas.

**LOAN FORECLOSURE BARGAINS.** Have 50-80-78-262 acre improved farms taken under foreclosure. We are authorized to pass the bargain to investor. Write for description. Mansfield Land Company, Ottawa, Kan.

**HERE'S YOUR CHANCE.** Buy a farm of your own in this growing country. Farm land now \$15 to \$35 per acre. Ranch land \$10 to \$18.50. Several choice ones to select from. Small payment, balance easy terms. John W. Baughman, Owner, Liberal, Kan.

**157 ACRES FARM,** 2 mi. Lawrence, hard road, tillable except 10 A.; 35 wheat, well improved, 7 rm. house, barn, sheds, chicken house, hog pens, running water, 6 wells, cisterns, good fences. Ideal for dairy. Possession now. \$150 Acre. Mrs. C. J. Eriksen, 1020 New Hampshire St., Lawrence, Kan.

**FOR SALE**—A fine section of wheat land, almost perfectly level, located 10 miles from the main line of the U. P. R. and near an inland town, a good trading point, in Gove Co., Kan. 375 acres of wheat which is good and ¼ goes, this is the best buy in Gove County today at \$22.50 on wonderful terms. R. H. West, Oakley, Kansas.

## 400 ACRES WHEAT

and Raw Crop land. \$20 per Acre. Poor man's opportunity. H. F. McCall, Ulysses, Kansas

## 320 ACRES IMPROVED

Half wheat, balance pasture, everlasting springs. Price Eleven thousand, two thousand cash, balance long time. Protestant and Catholic churches and schools. E. W. Moore, Spearville, Kansas

## Best Buy in Kansas

640 Acres Improved; 320 Acres wheat ¼ goes, wheat extra fine prospect, 6 miles railroad town, fine neighborhood, good water—price \$26.25 per acre, terms on half at 6% Act quick if you want this.

F. M. LUTHER'S SONS  
Cimarron, Kansas

## CORN AND WHEAT LAND

Gray county, Kansas, where 160 Acres has grown 19,170 bu. corn and 3,200 bu. wheat from 1920 to 1925. \$25 to \$40 per acre. Good schools and markets. Ray & Cessna, Ingalls, Kansas

## Santa Fe Railroad Lands

Why rent worn out lands when you can buy the best wheat and grain lands in Southwest Kansas on terms of one eighth cash, balance, long time, six per cent interest. Close to new railroad towns, schools, etc. Now is the time to buy a farm and gain your own independence. Write for full particulars and circular.

Howell-Rhinehart & Co., Selling Agts.  
Dodge City, Kansas

## The Great South-western Wheat Belt

We specialize in these virgin, fertile, productive soils of the Southwestern portion of Kansas, which assist in the production of the best wheat in the world. We have some improved farms, some in cultivation without improvements and some undeveloped raw lands which we can sell at reasonable prices and attractive terms. Write for illustrated folder and information relative to Western Kansas and its products. Courtesy to Real Estate Agents. King Brothers, 307 First National Bank Bldg., Hutchinson, Kansas.

## FARMS AT COST

The prices below are the mortgage and cost in obtaining titles thru foreclosure. The reason we have these farms is because the people we foreclosed on were overburdened with too many farms or other interests.

**MEADE COUNTY**—1160 2-5 acres 6 mi. SE Fowler, 60 A. cultivated, 600 could be profitably, 500 A. grass pasture, living water, no improvements except 3 and 4 wire fences. \$12.50 per A. small payment down and long time to pay out.

**LINN COUNTY**—319½ A. 2 mi. SE Prescott, good 6 rm. house, barn and shed. Well watered by creek, well, spring, 200 A. cult. 120 A. pasture (half timber) ½ of farm is good bottom land. Price \$14,000.

**NEOSHO COUNTY**—160 A. ¼ mi. E. Hertha, 10 mi. NE Parsons. Well improved good 4 rm. house, good barn, long cattle shed, well and cistern at house, 100 A. cult. 45 A. meadow, 15 A. pasture. Price \$9,600.

**WASHINGTON COUNTY**—160 A. 6 mi. N. Clifton, good house, barn, granary, sheds, well and windmill, 120 A. cult. 40 A. blue-grass pasture. Soil is good and lays nearly level. Price \$9,600, easy terms.

You will find our prices below market values. We are not in the land business, merely want our interest and taxes paid. Farm Mortgage Trust Company, Topeka, Kan.

**Pay No Advance Fee** Don't give option for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

## KANSAS

**20 QUARTERS** Farm land, \$15 to \$20 per acre. Buell Scott, Owner, Johnson, Kan.

**FOR SALE:** N. E. Kansas bottom and upland farms. Melvin Ward, Holton, Kas., Rt. 1.

**160 ACRES,** new smooth black land, part in wheat. \$23. Chas. Mitchell, Dighton, Kas.

**LAND BARGAINS** write today for list. Jess Klsner, Garden City, Kan.

**WHEAT LAND**—in the new wheat belt. SNAPS. E. E. Nelson, Garden City, Kan.

**FINE LAND \$20 ACRE,** \$5 acre cash, balance crop payments. Ely, Garden City, Kan.

**SEND** for views all sized farms in South-eastern Kansas. The Allen County Investment Company, Iola, Kan.

**FOR SALE**—Well improved 80 acres, close to Humboldt, Kan. Price \$4,000. No trades. John F. Hess, Humboldt, Kan.

**500 FARMS,** easy terms. Western half of Kansas. Write for list. Avery & Keessling, Cimarron, Kansas

**WHEAT AND GRAIN LAND,** \$10 per A. and up, terms. Near R.R., schools and churches. Williamson Land Company, Manter (Stanton County) Kansas.

**320 ACRES** Improved, 200 in wheat, ¼ goes \$7,500. Loan \$3,200. All tillable, level, and first class. Wright Realty Company, Satanta, Kansas.

**45 QUARTERS,** Improved and unimproved. In locality where quarter produced over 9,000 bu. wheat, 1924 and '25, easy terms. Henry B. Weldon Land Co., Garden City, Kas.

**FOR SALE**—320 acres level wheat land, all new land, all in wheat and only 4 miles from market; wheat prospect 100%; rented for ¼ delivered. Price \$32.50, good terms. R. H. West, Oakley, Kansas

**WE OWN,** control and have large listings of good wheat land. Over all of Western Kansas from \$15 to \$40 per acre. Agents' co-operation solicited. Wheat Belt Land Co., Dodge City, Kansas.

## ARKANSAS

**31 ACRES \$1250,** ¼ down, easy terms. Highly improved Valley Farm. Baker Land Co., Mountain Home, Ark.

**\$1200** for 60 acres, team, wagon, harness, cow, cultivator, chickens. Dandy location. Rich soil. Fruit. Nice imps. Need \$700 cash. Wilks, Mountain Home, Arkansas

**PHILLIPS COUNTY, ARKANSAS** with concrete roads, rural high schools, splendid churches and fertile lands, offers to white farmers of intelligence and industry the opportunity of securing homes at low prices and on easy terms. For illustrated booklet address Phillips County Agricultural Bureau, Helena, Arkansas.

## COLORADO

**IMPROVED** Pueblo, Colo., stock ranch, 1,287 A. \$3.70 acre. A. Brown, Florence, Colo.

**FOR SALE**—960 acres in Bent Co., Colo., Farming and grazing, all under fence. For particulars write Box 31, Fort Lyon, Colo.

**IRRIGATED CROPS NEVER FAIL.** Colorado climate best on earth. 220 acres fine land, full water right, each acre, 40 A. tracts at \$100.00. Will Keen, Realtor, Pueblo, Colorado.

**640 ACRES** near Peyton, Colorado. Greatest pinto bean and dairying district in the West. Good consolidated schools. Busses call for pupils. \$11,000.00, ¼ cash, balance on easy terms. Three miles from oil well drilling. Buy from owner and save commissions. Bradshaw Brothers, Peyton, Colo.

**A WONDERFUL OPPORTUNITY** for young farmers and others who have only a little cash. Highly cultivated, irrigated farms, some with buildings, in Arkansas Valley, Colorado on payments less than rent. Only 10 per cent down and 3½ years to pay balance, 5½ per cent interest. These lands have been cultivated for past 20 years and last year produced per acre: 3 tons alfalfa, 10 tons beets, 49 bushels barley, 77 bushels oats, 39 bushels spring wheat, 47 bushels winter wheat. Dairy operations attractive. Local milk condenseries and creameries assure constant market. Feeding lambs and other live stock profitable. Swine bring excellent prices when bred for early farrowing and early market. Beet sugar factories contract for all beets grown making beets an attractive cash crop. Alfalfa and flour mills and grain elevators furnish local market. Modern schools and churches. Good roads, excellent climate. This opportunity and the reasonable terms will make you independent in a few years. We are not in the land business and are anxious to get the best of our lands in hands of good farmers who will cultivate same to best advantage to themselves and this community. For full particulars write American Beet Sugar Co., 26 Land Bldg., Lamar, Colorado.

## WHY RENT?

Two farms—one 240 acres, 2 miles Galatea, Colo., 312 Acres, 8 miles Galatea, Corn, wheat, cane, milo, kafir, melons, beans never fail. Consolidated school at Galatea. Children delivered to and from school. Assessed value \$6,000. Price \$10 per acre, terms \$1 cash per acre, balance to suit at 6%. M. C. Weisdorfer, Box 304, Brighton, Colo.

## CALIFORNIA

## HOMESTEADS OPEN

160 Acre tracts of level valley land; 250 miles from Sacramento, California. Deep sediment soil; abundance of water from shallow wells. Fine for alfalfa, grain, vegetables, stock. George Biedgett, P. O. Box 218, Sacramento, Calif.

**NO CHANCE TO FAIL** when you farm where there is no winter. James Ranch, California, offers sunshiny, crop-growing weather, abundant water supply, splendid markets. You can double your income. Write me for information about this state approved land opportunity. Herman Janss, Dept. 1107, San Joaquin, Fresno County, California.

## IDAHO

## IDAHO

Has the most, the most productive farm land in the world, no crop failures, ideal climate. Write J. E. ROBERTS

Twin Falls, Idaho.

## MISSOURI

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

**POOR MAN'S CHANCE**—\$5 down, \$5 monthly buy forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

## 40 Acres Sacrificed

By aged owner, almost blind. Throws in horse, 2 cows, 36 poultry, furniture, fine range and heater, many eatables to give you good start; 3 miles town, ½ mile cannery; 32 acres tillable; good 5-room house, screened porch; 2 barns, out-buildings; all \$1750, part cash, balance 5%. Quick action necessary. Free catalog. United Farm Agency, 114-KF West 10th, Kansas City, Mo.

## I HAVE FOR SALE

Three Farms in Atchison County, Missouri, the best corn producing land in the world. One farm of 240 acres another of 280 acres, and still another of 320 acres. I am prepared to sell one or all of these farms on a very small cash part purchase payment, the balance in annual payments at five per cent with no commissions. See or write E. H. ZIMMERMAN,

Sixth and Francis Streets, St. Joseph, Mo.

## NEW MEXICO

**WARM,** Sunshiny Winter days make farming a pleasant as well as profitable occupation in U. S. Elephant Butte irrigated district. No blizzards, no zero days. Big returns from diversified farming, dairying; co-operative selling, splendid markets. For illustrated booklet address Dept. E, Farm Bureau, Las Cruces, N. M.

## OKLAHOMA

**COMBINATION STOCK FARM** 280 A near Pryor, Okla. \$50 per acre. Liberal terms 6% interest. J. S. Langley, Emporia, Kan.

## TEXAS

**MAKE MORE MONEY** on Small "Family Farms." In sunny Winter Garden District or Southwest Texas, where you can work outdoors all the year and get most out of life. Splendid opportunities for families of moderate means 20 and 40 A. irrigated farms produce winter vegetables, citrus fruits, dates, figs, pecans, etc., abundantly. Dairying, hogs, and poultry earn good returns; combination of these means well balanced farm with good income throughout year. Climate delightful, year-around growing season, no winter handicaps. Easy terms, 6% interest. Illustrated folder mailed free—special homeseekers rates.

Henry Hagelstein Land Co., Desk G., Travis St., San Antonio, Texas

## WASHINGTON

**WHY PAY COMMISSIONS? LANDS IN THE** early irrigated section of the state, under a farmer owned and operated irrigation system, now offered for sale at actual cost to people who are willing to make an honest endeavor to help us develop our vacant lands. The district does not wish for profit and has no agents to pay. Use the usual commissions for improvements. Write for particulars, Richland Irrigation District, Richland, Wash.

## SALE OR EXCHANGE

**TRADES EVERYWHERE**—What have you? Big list free. Bersie Agency, Eldorado, Kas.

**OREGON** Farm Land to exchange for Kansas land. Walter Jones, Salina, Kan.

**320 ACRES** in Alamosa Co., Colo. clear, for sale or trade. J. M. Mason, Rockport, Mo.

**3560 A.** improved Nebr. cattle ranch. What have you? Cline, 1759 Stout, Denver, Colo.

**BARGAINS**—East Kan., West Mo. Farms—Sale or exch. Sewell Land Co., Garnett, Kas.

**160 ACRE OHIO FARM** adjoining good town, splendid improvements; Owner wants Kansas Farm. Mansfield Co., 1205 Board of Trade Bldg., Kansas City, Mo.

## FOR RENT

**IMPROVED FARMS** for rent in Minnesota and North Dakota. Experienced farmers can purchase on very easy terms. FREE book. E. C. Leedy, Dept. 300, Great Northern Railway, St. Paul, Minnesota.

## REAL ESTATE WANTED

**TO RENT EQUIPPED FARM** On shares. Help to run four plows. V. Smith, Eureka, Kansas

**REASONABLY** priced farms wanted from owners. Describe imp. water, crops, and give best cash price. E. Gross, North Topeka, Kan.

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

## Kansas Chester White Breeders

The Chester White Swine Record is offering \$7,500 in prizes to exhibitors this year. Of this money \$2,500 will be given in specials at 10 state fairs. Kansas is among that list. An effort will be made to increase the number of futurities to 40. If 20 or more herds are nominated in any state \$400 will be available at the state fair. For 15 and 10 nominations the amounts will be \$300 and \$200 respectively. Litters farrowed after March 1 are eligible. Let's get the nominations in and make the Kansas show take the limit.—M. N. Beeler, Livestock Editor.

### Fall Boars and Gilts

Sired by the Jayhawk Supreme. Weight up to 150 lbs. Real herd boar material. C. H. & LLOYD COLE, North Topeka, Kan.

### Gould's Chester Whites

Fall pigs, either sex, sired by Blue Grass O. K. and Rexford Giant. Bred sow sale Feb. 4th. RAY GOULD, REXFORD, KAN.

### WORLD'S GRAND CHAMPION BOAR

Sired our boar, Rival Giant. Offering spring boars and gilts. Can ship over C. H. L. & P. or R. & M. F. A. MASSEY & SONS, Republican City, Neb. Farm in Phillips County, Kansas.

### The Blue Grass Herd

undefeated on get of sire and aged herd bred by Exhibitor in 1925. Nuff said. EARL LUGENBEEL, PADONIA, KAN.

### IN OUR FEB. 25 SALE

We will offer sisters of and other bred to our Jr. Champ. boar and grand champ. boar, American Royal, 1925. M. K. Goodpasture, Horton, Kansas.

When writing any of our livestock advertisers, please mention Kansas Farmer and Mail & Breeze.

## Top Scissors Stilts Orion Duroc Sale

on farm mile north of town.

Friday, Feb. 12

53 HEAD, a big per cent of them sired by or bred to the 1925 Kansas Grand Champion TOP SCISSORS. Others bred to STILTS ORION. First in class at KANSAS FREE FAIR 1925. Combining the greatest breeding blood of the Colonels. The 10 tried sows all bred to Top Scissors. Offering well grown but not loaded with fat. Write for catalog.

## W. A. Gladfelter, Emporia, Kansas

Auctioneers, Boyd Newcom, Homer Rule, Fieldman, Jesse R. Johnson.

## McBride's Big Duroc Sows

At Auction, on farm right at town

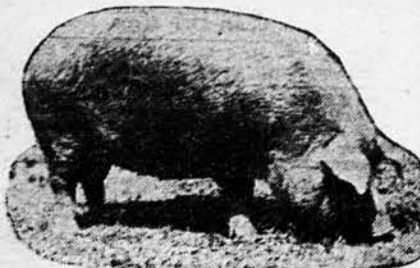
Tuesday, February 16

45 HEAD of big tried sows and gilts, the result of years of practical and careful mating. They are sired by my herd boars GREAT I AM JR., a son of Great I Am, (Iowa's Grand Champion boar), and WONDER I AM from the 101 ranch in Okla. The dams carry the blood of ORION CHERRY KING and the great boar DEFENDER. The offering is one of the best I have ever grown out for a public sale and will be carrying their own guarantee to the service of my great young Colonel boars, COLONEL STILTS and STILTS MAJOR. This offering has had my personal care and have been fed and handled so they will go out and make good in new homes. I want all of my friends and everyone else to come who can whether they want hogs or not. Write for catalog.

## W. T. McBride, Parker, (Linn Co.,) Kansas

Col. Homer Rule, Auctioneer. Jesse R. Johnson, Fieldman.

## Axtell's Duroc Bred Sow Sale



Fair Grounds •  
Great Bend, Kan.  
Wednesday, Feb. 10

40 HEAD. 8 big tried sows, 3 fall yearlings, 29 spring gilts. Bred for March and April to ALL ORION SENSATION 1st and GOLDEN SENSATION MASTERPIECE a son of the National grand champion, Golden Sensation. They are SENSATIONS, COLONELS and PATH-FINDERS. Selling in nice breeding form but not fat. Write for catalog.

## J. G. Axtell, Great Bend, Kan.

Aucts. Boyd Newcom, Pat Keenen. Jesse R. Johnson will represent Kansas Farmer

### Credentials

Football Coach (to applicant for place on team)—"What experience have you had?"

Applicant—"Well, last summer I was hit by two autos and a truck."

### Sure, Just So

Jim—"Do you know the difference between a flapper and a traffic cop?"

Jack—"No, what is it?"

Jim—"When a cop says stop he means it."

## At The Power School

BY FRANK A. MECKEL

The Eighth Annual Power Farming School conducted by the Advance-Rumley Thresher Company, held in Kansas City during the week of January 25, was attended by more than 250 farmers from Kansas and Western Missouri.

For years this concern has been holding its schools at its various branches all over the United States and Canada, and educating farmers in the more efficient use of power on the farm, until the schools have become real institutions.

This year the outstanding feature of the school was the attitude on the part of the farmer students themselves. There was no skepticism regarding power farming or tractors as such, and the problem has seemed to resolve itself into a question of "What tractor shall I buy?" rather than "Shall I buy a tractor?"

On Tuesday evening, January 26, Prof. H. B. Walker, head of the department of agricultural engineering at the Kansas State Agricultural College, delivered a splendid talk to the "students" in which he outlined some of the history and the developments of power farming. He brought out the fact that more than 60 per cent of the cost of producing a crop of corn was chargeable to power and labor, and showed that every farmer has a big opportunity to save money by making a more careful study of his power problems. He showed how, 60 years ago, one man was able to care for 12 acres, and how, to-day, one man with efficient machinery cares for 34 acres on the average, while in Kansas the average acreage a man runs as high as 96 acres, all because labor saving machinery has been developed to a higher point of efficiency. The general trend in more efficient farming is in the form of a movement to place more power under one man's control.

Power farming machinery of to-day is vastly different from that developed only a few years ago. The designers have gradually been adapting their machinery to mechanical power; thus the machinery of today is designed to fit in with power farming rather than with the old horse-drawn farm machinery of yesterday.

## Built-in Comforts for Hens

(Continued from Page 3)

of the sun's rays, and it filters out the ultra-violet or short rays, which have been found to be very important in successful poultry production. Glass is expensive to install or to replace when broken, and it frequently gets coated so thickly with dust that it shuts out a large portion of the visible light. Glass can be used successfully in the ends and rear of a large poultry house to admit early morning and late afternoon light, and a small amount of glass placed in the back wall just under the droppings boards will give a fairly even distribution of light over the entire floor, but glass is not desirable in the front of large laying houses. It can, however, be used to a limited extent in the front of brooder houses.

When one-third to one-fourth of the area of the front wall of a laying house is left open, one is assured of good ventilation without drafts and the proper equalization of moisture inside and outside of the building by the constant circulation of air thru the open front. The openings are covered with wire netting and equipped with muslin or burlap curtains which are used in extremely cold or windy weather.

There are a number of glass substitutes on the market, and one of the principal selling points of some of these materials is that they will admit the ultra-violet rays from the sun into the house while glass absorbs most of these rays. Recent tests by the Department of Physics of the Kansas State Agricultural College showed that 10 to 25 per cent of the ultra-violet light penetrated these materials, while 33 per cent passed thru medium weight muslin, and the visible light which passes thru these substitutes is but little more than that which penetrates clean muslin. With this information supplemented by numerous observations, we believe that muslin or burlap curtains are the most satisfactory for protection over the open fronts of poultry houses, and if glass or substitutes

## POLAND CHINA HOGS



## Schlesener's Poland Bred Sows and Gilts

Sale at the farm 4 miles north and one east of Hope and 20 miles S. E. of Abilene, Hope, Kan., Wednesday, Feb. 17

The sale features the best blood known to the Poland China breed. The 15 tried sows are by two former herd boars and are bred to Perfect Prince. The 25 spring gilts are largely by Perfect Prince by The Outpost. They are bred to an outstanding boar. Two spring boars, two fall boar pigs and some stock hogs complete the sale.

G. E. SCHLESENER'S, Hope, Kan. Auctioneers: Geo. Snyder, A. C. Merlett, J. W. Johnson, Fieldman, Kansas Farmer.

## Hall's Poland Bred Sow Sale

At farm 3 east and one half mile south of MILDRED, (Allen Co.,) Kan.,

Thursday, Feb. 18

40 HEAD 9 big tried sows and 32 gilts. Write for catalog.

E. E. HALL, BAYARD, KAN.

## DUROC HOGS

## Duroc Bred Sow Sale

Feb. 9, 1 p. m.

47 great sows and gilts, the best I have ever presented in my 20 years as a Duroc breeder, and bred to the Champion sires, Uniques Top Col., and Stilts Major. Their get will be at the big fairs this year. Will be pleased to have you with us sale day. Send all bids to Jesse Johnson in my care.

G. M. Shepherd, Owner, Lyons, Kan. Boyd Newcom, Auctioneer

## Long Hog Sale

Bred Sows and Gilts. Sale at the farm, Ellsworth, Kan., Thursday, Feb. 11 All bred to or sired by Golden Rainbow, Champions of Champions. For Catalog address, Long Hog Farm, Ellsworth, Kan.

## 300 Immune Duroc Bred Gilts

Special prices on car load lots. Seven prize winning sires in herd.

F. C. CROCKER, Box M, BEATRICE, NEB.

## 20 DUROC BRED GILTS

For March and April farrow, weight 250 pounds, \$50.00 each.

A. M. MARKLEY, MOUND CITY, KANSAS

## DUROC BRED GILTS

bred to King of Pathmasters son of the 1924 grand champ. April and May farrow. Registered and immune.

HOMER DRAKE, STERLING, KANSAS

## SPOTTED POLAND CHINA HOGS

## Spotted Polands!

50 Bred Sows and Gilts. Paramount Farms offering at Public sale, Waterville, Kan.

Thursday, February 18

Paramount Booster has been used two years in our herd. Good type and quality from large litters. Sired by boars of champion bloodlines. Out of dams of merit. Bred to the following boars: First prize Jr. Yearling, second prize Jr. boar pig, Marshall Co. fair. Also The Whirlwind, grandson of Nebraska grand-champion. Write for catalog.

Paramount Farms, Waterville, Kan.

## SPOTTED POLAND BOARS

\$25 to \$30. Open gilts, \$20 to \$30, bred gilts \$40. Bred sows \$45 to \$50. Big type Spotted blood lines. WM. MEYER, Farlington, Kan.

Supposing in 1917 we had said to Europe, "Sure, we'll come across—in about 62 years!"

are to be used they should be placed in the ends and rear.

Blue prints giving complete plans and bill of materials for the Kansas strawloft house can be examined at your county agent's office, or if you have no agent, a set can be ordered from the Extension Architect, Kansas State Agricultural College, Manhattan. The price is 25 cents.

## New Motor Car Record

During 1925 the production of cars and trucks in the United States established a new high mark. The output is estimated at 4,325,000, exceeding that of 1924 by 19 per cent and the previous record of 1923 by approximately 250,000 cars and trucks. December, with a production of 330,000 cars and trucks, was the second consecutive month to show a decline, but this was of a seasonal nature; every year since 1921 there has been a progressive decline in production during the last quarter. The December output, however, was 65 per cent above the like period in 1924, and manufacturers have laid plans for another large production program for this year, based on heavy orders and the interest shown at the Automobile Show in New York, which enjoyed a record attendance.

Foreign market demands are steadily increasing. During 1925, 550,000 motor vehicles were exported, a gain of 44 per cent over the previous year and constituting 12 per cent of the total output of our factories. Twenty million motor vehicles are registered in the United States, representing 80 per cent of the total world registration.

## Need a Farm Lease?

Do you need a farm lease, especially of the livestock variety? You can obtain such blanks, and also help in writing any special kind, from W. E. Grimes, professor of agricultural economics, Kansas State Agricultural College, Manhattan.

## LIVESTOCK NEWS

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



Vern Albrecht's Duroc bred sow sale at Smith Center is Saturday, Feb. 6. Get an early dinner if you are going.

The Shorthorn sale held during the National Western Stock Show at Denver week before last averaged \$226 with a top of nearly \$500.

H. Schmidt, Kansas City, exhibited the grand champion carload of fat cattle at the National Western and they sold for \$19.75 per hundredweight.

The Hereford sale at Denver, National Western Stock Show week was a dandy. The average was \$465 with a \$1,400 top. It was said to be the best Hereford sale held during the last 12 months.

E. E. Norman, Chapman, has postponed his Duroc bred sow and gilt sale from Feb. 17 to March 10. Mr. Norman says it looks like business would be good another year and that he had a good demand for boars and that inquiries are coming nicely.

I have a letter from Mr. H. C. Woodbury, Sabetha, with some information about his splendid sale there Jan. 22. There were 40 head in the sale, 15 were spring yearlings, 15 fall gilts and 10 spring gilts and the average on the 40 head was \$150. The top was \$685 and breeders were there from eight states. The outstanding feature of the sale was sows bred to Golden Sensation or sired by him but Jayhawk, the splendid son

of Floradora and Super Col. was a popular second to the great show and breeding boar Golden Sensation. And there was still another important feature, possibly as important as either of the others, the great showing the herd made last fall at the leading state shows and the national swine show. It was a great sale and attracting as it did leading breeders from eight states, it will stand without a doubt as the best sale for 1925 and the best sale for several years past in the state.

To have been a member of the National Holstein association for more than 20 years and to have been actively in the business all of that time is not a record that every breeder can boast of. B. L. Bean of Atchison.

## HORSES AND JACKS

### Percheron Stallion King Pharash 185738

Pure bred and registered. Color black, sound, bred by Ed Nickelson, Leonardville, Kan. Carnot and Casino breeding. The making of a ton and real show stallion. Come or write for full particulars. HARRY E. FERGUSON, Wakarusa, Kan.

### 45 Jacks and Jennets

to select from. The kind that sire good mules. Priced to sell quick. Guarantee with each one. Come and see them. H. Marshall, Winfield, Ks.

### 30 Big Mammoth Jacks

Sons and grandsons of the World's champion Kansas Chief. We have won 90% of premiums at Kansas State fair 8 yrs on Jacks, Jennets and mules. Written guarantee with every Jack. Hineman's Jack Farm, Dighton (Lane Co.), Ks.

### Reg. Percheron Mares

Ton type, pair fillies, pair 3 yr. olds, pair 5 yr. olds. Also herd horse, black, 8 yr. old. Stock guaranteed. Priced to sell. CLEM BRUNKER, Manhattan, Kan.

## HOLSTEIN CATTLE

### Meyer's Holsteins

Bulls from a proven sire and dams with records as high as 1036 pounds in 365 days, and 32.50 pounds in seven days. Write for booklet, photos, etc.

MEYER DAIRY FARM CO.,  
Leavenworth County, Basehor, Kan.

### Holstein Dispersion Sale

62 head, headed by Sir Pontiac Pobes Ormsby, whose 7 nearest dams average over 28 lbs. of butter in seven days. Sale at Goff, Kan., Tuesday, February 9th. CORWIN & MURRAY

## Shungavally Holsteins

Bulls sired by the great proven and show sire, Count College Cornucopia, up to ten months of age from high record dams. Can also spare a few females.

IRA ROMIG & SONS, TOPEKA, KANSAS

### HOLSTEIN BULLS

Sired by 30 lb. son of Canary Butter Boy King from high producing dams, serviceable age, federal accredited, photos on request. E. W. OBITS, HERINGTON, KAN.

### FOR SALE

High class, purebred Holstein bull sired by Sir Pieterle Ormsby Mercedes 41st, his dam, Lady Hillvale Alcatraz Ormsby. Description and price on request. ZELLER BROS., WALDRON, KANSAS

### Cedarlane Holstein Farm

has for sale Registered cows and heifers some with A. R. S. O. records, all ages. Also serviceable bulls and bull calves. Federal accredited. T. M. EWING, RT. 1, INDEPENDENCE, KANSAS

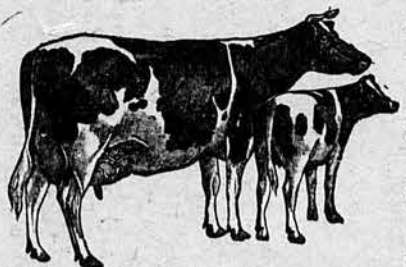
### FOR SALE

Two male and two female pure bred Holstein calves. \$25 each, crated and delivered at Pleasanton, Kan. depot. Pedigree extra. John H. Smith, Pleasanton, Ks.

### Not Easy to Find

Registered Holstein bulls ready for service. We have five good ones. Write today for photograph and description. W. H. Mott, Maplewood Farm, Herington, Ks.

## Branch's Big Holstein Reduction Sale



32 HEAD comprising registered cows, bred and open heifers and serviceable bulls. About 20 COWS most of them fresh, 12 high grades all fresh, and every one a good one. (Not a cull in the offering.) All registered cows have A. R. O. records or are from close ancestors of such. SALE AT "BLUE LABEL FARM" half mile east of

Auline, Monday, Feb. 22

Much of the offering carry two or more close crosses to KING SEGIS. We also sell our herd bull MAPLEWOOD WATSON MIDNIGHT 440237. Our herd is one of the first fully accredited Kansas herds. We have never had a reactor. Sale in heated pavilion. Free transportation from Elgin hotel, Marion. We also sell 12 reg. Duroc bred gilts, 500 Baron strain White Leghorn hens. Write for catalog to owner.

DR. C. A. BRANCH, MARION, KANSAS

Boyd Newcom, John McLinder, Aucts. W. H. Mott in the Box, Jesse R. Johnson, Fieldman

# Kansas Poland China Breeders

Did you notice the reports about a shortage of hog receipts at Kansas City? Last fall some of the market specialists forecast \$15 hogs. R. M. Green, K. S. A. C., said there was only one limiting factor. That was the consumptive demand and time proved him right else the price might have advanced to the lower reaches of early war-time levels. It is doubtful if consumptive demand will bear a much higher price than has obtained in recent weeks. Pork eaters will switch to something else, but there's nothing in sight now to indicate other than good prices for months to come.—M. N. Beeler, Livestock Editor.

### 25 SPRING BOARS

big with feeding quality. By a son and grandson of The Outpost. Just tops sold for breeders. D. E. JOHNSON, MACKSVILLE, KAN.

### AUSTIN STOCK FARM

Spring gilts for sale bred to GOLDEN RAINBOW. Also fall pigs either sex sired by him. MILES AUSTIN, BURTON, KANSAS.

### Bartford Poland Farm

Sows and gilts for sale bred to Pioneer Ladd, grandson of The Outpost. Also fall pigs either sex. Inspection invited. H. D. Sharp, R. 2, Great Bend, Kan.

### BIG BRED GILTS

Selected gilts for sale sired by Generator by Liberator and bred to a great son of the world's champion, Armistice Boy. R. R. GRUNDER, BYERS, KAN.

### Bred Sows and Gilts

for sale, sired by Mighty Armistice and Besthoven Master. J. V. DENBO, GREAT BEND, KANSAS.

### 50 FALL PIGS

either sex, sired by Black Seal and out of sows that carry the blood of Liberator, King Cole Fashionable, Sunbeam and other boars. Otho G. Smith, Colony, Ks.

### Purebred Polands

F. E. WITTUM, CALDWELL, KANSAS.

### Wenrich's Big Polands

As big as they grow with quality. Choice spring boars and gilts for sale. H. R. WENRICH, OXFORD, KANSAS

### 25 SPRING BOARS

good ones sired by a 900 lb. son of Revelation and out of a dam by Liberator. Prices reasonable. W. E. Weidlein, Augusta, Ks.

### THE SHOWS ARE OVER

We have shown at ten big state fairs and exhibitions and have won the lion's share of premiums at all of them. Bred sows and boars for sale. H. O. Sheldon, Manager, Oswego, Kansas

### Topeka and Hutchinson

This is your invitation to visit my Poland China exhibit at the above fairs. Come in and get acquainted. R. A. McELROY, RANDALL, KANSAS.

### 50 BRED SOWS AND GILTS

Bred to our new herd boars, The Villager and Majestic. Bendena, Feb. 9. Sale pavilion. Revising mailing list. Write today for catalog. H. B. Walter & Son, Bendena, Kansas.

### BRED SOWS OF SHOW CALIBER

Our sows and gilts win in the best shows and priced within the reach of all. RAY SAYLER, ZEANDALE, KAN.

### Bred Sows and Gilts Feb. 17

40 head, 15 proven brood sows, 25 spring gilts. Popular breeding, good individuals. Write for catalog. G. E. SCHLESNER, (Dickinson Co.), Hope, Kan.

### CHOICE GILTS FOR SALE

bred to "New Era Jr." for March and April farrow. Also a few good spring boars, everything improved and guaranteed. J. T. Morton & Sons, Stockton, Kansas.

### WE CAN SUPPLY YOU

with anything in the Poland China line. Spring boars, spring gilts and bred sows. Also anything in the Hereford cattle line, bulls, cows and heifers. J. R. Houston, Gem, Kansas

### OUR SALE IS OVER

43 head sold at an average of \$45.00 per head. We still have a few of the big type Poland Chinas left. Write us your wants. Geo. Delfelder & Sons, Effingham, Kan.

### PEARL'S BIG TYPE POLANDS

Bred stock for sale at all times. ELMER E. PEARL, WAKEENEY, KAN.

### Extra Choice March Boar

sired by Kan-Oka Tim, dam by The Leader, son of Cook's Liberty Bond. Bred sow sale Feb. 9th. I. E. KNOX, SOUTH HAVEN, KAN.

When writing any of our Livestock advertisers, please mention Kansas Farmer and Mail & Breeze.

# Kansas Red Polled Cattle Breeders

Purebred prices are rising perceptibly, not sensationally, but steadily. Some breeds have recorded an advance of upwards of 20 per cent in the last year. It is true that Red Polled prices are more steady than others because of the stabilizing influence of the dual purpose function. Nevertheless, even tho their market was not so seriously demoralized as was that of the purely beef breeds, Red Polled breeders are likely to feel the influence of the recovery of purebred prices.—M. N. Beeler, Livestock Editor.

### ECHO HILL FARM

For sale choice young Red Polled bulls, from calves up. Best of breeding. C. H. & Jennie Cassidy, Rt. 5, Emporia, Kansas

### RED POLLED BULLS

registered and richly bred. Out of cows that produce lots of milk and have beef type. GEO. HAAS & SON, LYONS, KAN.

### COBURN HERD FARM

Est. 35 years. 125 in herd. Bulls from calves to serviceable age, bred and open heifers. M. Groenmiller, Pomona, Kan.

### RUBY'S RED POLLS

Sold out of bulls. Herd headed by Ruby's Best No. 35538 G & L R 2. A. E. RUBY, FREEPORT, KAN.

### PLEASANT VIEW STOCK FARM

Heavy milk production. Ton bull in service. Young bulls and heifers for sale. HALLOREN & GAMBRILL, Ottawa, Kan.

### SPRINGDALE WILL BE FOR SALE

until dispersal so write me any time. My loss closing out your opportunity to purchase a foundation herd unexcelled for quality. T. G. McKinley, Alta Vista, Kansas.

### Chas. Morrison & Son

A fine lot of bull calves for sale, real herd headers. For prices and descriptions address Chas. Morrison & Son, Phillipsburg, Kan.

### WABONSA DELLS

Home of Country Boy, our international prize winner. Some nice young bulls for sale from World's record ancestry. JACKSON & WOOD, Maple Hill, and Topeka, Ks.

### W. E. Ross & Son—Red Polls

Some spring calves, bulls and heifers and a few cows. Address. W. E. ROSS & SON, Smith Center, Kansas.

### Our Morrison Bred Bull

Monarch, has sired for us a fine spring crop of young bulls and heifers. Prices very moderate. Address. GATES BROS., KENSINGTON, KANSAS

### OLIVE BRANCH RED POLLS

Headed by Elgins Model of Springdale 41484. Some cows, heifers and young bulls for sale. Prices reasonable. Write J. R. Henry, Delavan, Kan., Morris Co.

### PLEASANT VIEW STOCK FARM

On Capital Highway. Fine specimens of the Dual Type. Six young bulls from 8 to 16 months, for sale. Inquiries and visitors welcome. Albert H. Haag, Holton, Kan.

# Holstein Dairy Dispersal

37 head, all raised and developed by Mr. Bean except three or four foundation cows. Sale at the farm, five miles west of Atchison and one mile off the Rock road, two miles N. E. Channon.

## Atchison, Kan., Tuesday, Feb. 16

All are registered and federal and state accredited. I have sold my farm and moving to Graham county. The foundation of this herd is rich in the breeding of Katy Gerben and the catalog tells the story.

Come to Atchison and phone me, Channon line out of Atchison. A complete dispersal. Sale starts at 10 A. M. on farm implements, etc.

## B. L. Bean, Owner, Atchison, Ks.

Aucts.: McCullough & O'Brien, J. W. Johnson, Fieldman, Mail and Breeze.

# Kansas Jersey Breeders

Does Jersey milk sell at a premium in your town? Milk of lower fat content usually is the standard. With the extra fat and the "cream line" Jersey dairymen are able to dispose of their product at a higher price. Did it ever occur to you that an advertisement in the local paper would explain this matter to customers? And the possibility of getting an extra price will help to sell breeding stock to prospective dairymen.—M. N. Beeler, Livestock Editor.

## Linebred Financial Kings

Bulls, cows and heifers.  
O. B. REITZ, COFFEYVILLE, KANSAS

## HOOD FARM TORMENTOR JERSEYS

Bull calf 7 mos. old. Show and production breeding. \$50.  
R. A. BOWER, EUREKA, KAN.

## FERN LAD EMINENT & RALEIGH

Jerseys. Years of careful selection and breeding from the best families. Females and bulls for sale.  
U. A. GORE, SEWARD, KANSAS.

## High Producing Jerseys

Have two or three young bulls for sale, old enough for service, also a few heifers.  
FRANK L. YOUNG, CHENEY, KAN.

## Alfadale Jersey Farm

50 head in herd. Grandson of VIOLAS GOLDEN JOLLY in service. Herd Federal accredited. FRED STALDER, Meade, Kan.

## BEAL BROS. JERSEYS

Herd sire, Chief Raleigh's Sultan 183915 Sire, Chief Raleigh 151522. Dam, Lisette's Daisy 256029, 14 year old R. O. M. 642.96 fat. Beal Bros., Colony, Kan.

## Home of Queen's Velvet Raleigh 228093

His dam Raleigh's Velvet Queen is the highest tested Sire Medal Daughter of Floras Queen's Raleigh. Splendid young bulls for sale.  
A. H. Knoepfel, Colony, Kansas

## GENTLE SLOPE JERSEYS

Raleigh, Noble of Oaklands and Gamboge Knight blood. Maiden Fern's Noble Lad in service. E. A. BRANT, Earleton, Kansas

## F. J. DUDLEY

Reg. Jersey Cattle. "Nobles" of Oaklands and Financial King" Breeding. Federal accredited. ROUTE 5, IOLA, KANSAS.

## CUNNING MOUSE'S MASTERMAN

Imp. in dam, heads our Jerseys by Masterman of Oakland's Champ. Over Island. Dam 1st in class at Royal Island show. Federal accredited.  
Clyde E. Souders, Wichita, Kansas

## HAWKS' JERSEYS LEAD

bred along the most approved blood lines. Cullled carefully, bulls from our best cows for sale. A. S. Hawks, Rose Hill, Kansas

## Peace Creek Jersey Farm

Hood Farm breeding. Nothing for sale at present. Stocking up for public sale October 1926. Chas. Fritsemeler, Stafford, Kan.

## Financial King Jerseys

bred for profit, cows from best of Register of Merit ancestry. Bull calves and females for sale. Everett White, Cheney, Kansas.

## For Sale—Jersey Bulls

of serviceable age, grandsons Financial Beauty King—silver medal grandchampion bull and out of high producing cows. J. R. IVES, MT. HOPE, KAN.

## Hood Farm Jerseys

if you want to know about Jerseys write PERCY E. LILL, MT. HOPE, KANSAS.

## Jersey Cows and Heifers

A few good registered cows and heifers. Also good young bull old enough for service. Prices reasonable.  
G. W. HUDSON, SYLVIA, KANSAS

## Brookside Jersey Herd

Register of Merit daughters of Idalia's Raleigh now being mated to Brilliant St. Maves Lad. Bulls for sale. T. D. MARSHALL, SYLVIA, KANSAS.

## For Sale—Young Bull

Out of the senior and grand champion cow at Reno Co. Dairy Show. Sire a double grandson of Pogs 99th. C. C. COLEMAN, SYLVIA, KAN.

## Raleighdale Jersey Farm

home of the Raleighs, with the blood of Gamboges Knight and Oakland Sultan. Stock for sale. H. G. Wright & Son, Sylvia, Kan.

## Sprig Park Jerseys

Raleigh blood predominates. Some folks keep Jerseys, these Jerseys keep us. Visitors welcome. L. L. GASTON, Sylvia, Kan.

## BULLS OF SERVICEABLE AGE

by Financial Kings and Noble of Oaklands. Size and quality.  
W. E. KING, Rt. 3, Washington, Kansas

## TAMWORTH HOGS

**Wempe's Tamworths**  
The champion herd of the Middle West. Boars and weanling pigs. Sows, open and bred gilts. Herd boars. Write for prices today. P. A. WEMPE, Seneca, Kan.

## AUCTIONEERS

**R. K. BAIRD, Auctioneer**  
Pure Bred Livestock and Farm Sales.  
MT. HOPE, KANSAS.

## Riverside Stock Farm

Cows, heifers and bulls, all ages close up Hood Farm Breeding.  
J. P. TODD, Castleton, Kan., R. 1, Box 37

## ANASDALE FARMS

Home of C. F. S. Tormentor Register of Merit son of world's champion Gold Medal Pogs 99 of Hood Farm. Baby bulls \$50 crated.  
Chas. A. Tilley, Frankfort, Kansas.

## CedarCrest Dairy Jerseys

A yearling son of Anasdale Tormentor and out of a dam with an official record of 407 pounds of butterfat. J. L. LEONARD, FRANKFORT, KAN.

## SUMNER HALL DAIRY FARM

Two bulls, one two past, the other 8 mos., good individuals sired by a son of our Gold Medal cow from dams holding state records.  
W. S. Sheard, Junction City, Kan.

## MAPLE LAWN FARM JERSEYS

I am still banking on the Jersey cow. If you take good care of her she will care for you. W. E. LINTON, DENISON, KANSAS.

## RIVERVIEW JERSEY FARM DAIRY

Herd headed by Owl's Interest Bollo. A three months old son for sale out of a splendid dam. A. W. Hendrickson, Lincoln, Kan.

## Largest Herd of Jerseys

In Russell county, all registered. Two herd sires from high record dams. Visitors welcome and correspondence invited. H. W. Wilcox, Lucas, Kan.

## HERD BULL TWO YEARS OLD

Son of Financial Captain whose dam holds the 11 year old record, 1050 pounds of butter. First three dams of this young bull have R. of M. records.  
R. A. Gilliland, Denison, Kan.

## SUN FLOWER STOCK FARM

Always has something good to offer in Jerseys. Herd headed by two grandsons of Imp. Golden Fern's Noble. One is a son of Fern's Wexford Noble. Federal accredited. CHAS. H. GILLILAND, Rt. 1, Mayetta, Ka.

## PRAIRIE VIEW JERSEY RANCH

130 head of reg. Jerseys, both sexes, all ages at farmers prices. Federal accredited. Member AJO. Clark L. Corliss, Coats, (Pratt Co.), Kan.

## WHITE STAR JERSEYS

Gamboges Knight, Flying Fox and Oxford breeding. Bulls and females for sale.  
O. J. WOOD, ARKANSAS CITY, KAN.

## GROUSDALE FARM

Jerseys headed by a son of Gamboges Knight. Bulls for sale. Inspection invited.  
E. K. Childers, Box 551, Arkansas City, Kan.

## SPRING BROOK JERSEYS

Young bulls and heifers for sale. Financial King, Eminent and St. Lambert breeding.  
I. W. NEWTON, WINFIELD, KANSAS

## NUNDA'S SULTAN'S PREMIER

for sale. Dam has three official under mature cow records up to 568 lbs. fat. Sire Hood Farm blood. Keeping his daughters, reason for selling.  
R. M. McClellan, Kingman, Kan.

## HIGH TESTING JERSEYS

headed by one of the best FINANCIAL KING bulls to be found anywhere. Choice young bulls for sale. Visitors welcome. D. E. Powell, Eldorado, Kansas.

## BULLS FROM R. M. DAMS

Grandsons of You'll Do's Hansome Raleigh, Sybil's Gamboge and Flora's Queen's Raleigh.  
LLOYD T. BANKS, Independence, Kan.

## Kansas Best Jersey Cow

and her sisters are in our herd. Double grandson of Golden Fern's Noble heads herd. Bulls and females for sale. E. W. MOCK, Coffeyville, Kan.

## CLOVER HILL JERSEY FARM

Herd sire a son of Financial Countess Lad. Cows from a Gold Medal dam. Federal accredited, and everything tested for record.  
Dr. Albert Beam, Americus, Kan.

## Three Cedars Farm

Line bred Raleighs. Cows, heifers and bulls usually for sale. Vilma's Raleigh and Medora's Fairy Boy in service. J. H. HARDON, LAKIN, KANSAS.

## SUNSHINE JERSEYS

To reduce our herd because we do not have room we offer five or six cows to freshen in Sept. and Oct. and about the same number of heifers. Also two bulls old enough for service. Omar A. Weir, Hiawatha, Kan.

## ECHO FARM JERSEYS

Ohio Owl's Choice I Prince 148565, a son of Mary From Sibbles Choice, 835 lbs. fat heads our herd. Some choice young bulls for sale.  
E. H. Taylor & Sons, Keats, Kan.

## HAMPSHIRE HOGS

**WHITEWAY HAMPSHIRE**  
A few nice bred gilts at private sale.  
59 Bred Sows and gilts in my big sale Feb. 25.  
F. B. WEMPE, Frankfort, Kansas



son can and on Feb. 16 he is holding a sale, the first public sale he has ever held. This is a dispersal sale and he has sold his Atchison county farm and is going on a nice ranch which he has bought in Graham county. A federal accredited herd, all raised by Mr. Bean except two or three foundation cows and sold in just fair flesh and a good lot of cattle and likely a sale full of bargains. Write for information and the sale catalog.

I have just received a letter from Elmer E. Pearl, Wakepey, saying he had enjoyed a good bear trade this fall and was now sold out of early bred sows and gilts. Mr. Pearl has a nice herd of registered Polands that he takes good care of and he is a good breeder to buy from.

I have a dandy letter from C. R. Rowe, Scranton, asking for a change of copy in the Poland China section. He says they are sold out and that the Mail and Breeze brought the inquiries and orders. Also that he will be on hand next fall and winter with more and still better Polands.

Spencer Young writes me he has over 40 head of Shorthorn cows and heifers and that his herd is federal accredited and with a good crop next year he is going to have some nice ones to sell. He says they had a very slim crop in Osborne county last year, Spencer Young and his father-in-law, Wm. Wales, were in partnership until Mr. Wales's death a few years ago and it is one of the strong herds of Shorthorns in north central Kansas.

G. E. Schlesener, Hope, sells Poland China bred sows and gilts at his farm about six miles north of Hope, Feb. 17. He is cataloging 40 head, the kind that will do well on any farm. They are of the best of blood lines and Mr. Schlesener is the kind of a man that will back up anything he says in the sale ring. He is a good, substantial farmer and breeder and this will be about the only Poland China sale in that section of the state this year.

I have just received a letter from Sherwood Bros., Concordia, asking me to say they had called off their bred sow sale of March 10 because they had had an unusual demand for bred gilts at private sale. Here is a part of their letter that is interesting: "We attended the McKee sale at Creston, Ia., last week which averaged \$154. We bought a fall gilt, a daughter of Golden Sensation, the World's champion. She was bred to Great Col. and is due in April."

Paramont Farms, Waterville, the well known Spotted Poland China breeding establishment of Nelson Bros., has been the home for two years of Paramont Booster, a sire that has done them much good and who is siring the kind that the feeder is looking for. In their sale Feb. 18, they are selling 50 head of sows and gilts and such boars have been selected with the idea of true type and quality with bigness combined. For their catalog address, Nelson Bros., Waterville, Kan. The catalog will be mailed promptly by return mail.

## LIVESTOCK NEWS

By Jesse R. Johnson  
463 West 9th St., Wichita, Kan.

Feb. 10 will be Duroc day at the fair grounds in Great Bend. The occasion being the date of the J. G. Axtell & Son Duroc bred sow sale.

E. J. Macy, for several years county farm bureau agent of Sedgwick county, Kansas, is now fieldman for the Pet Milk company at Lamar, Colo.

W. A. Gladfelter of Emporia writes that all is ready for the big Duroc show and sale to be held on his farm one mile north of town on Friday, Feb. 12th.

Dr. C. A. Branch of Marion has contributed in no small way to the upbuilding of better Holsteins in Kansas; he was the first president of the state association and has labored faithfully for the betterment of the breed. And when the price depression came many quit or lost interest but Dr. Branch moved his dental equipment into his big farm home near Auline and hung on to his fine herd of A. R. O. cows and continued to breed more, now the herd has grown so in numbers that it must be reduced and a sale is to be held on the farm near Auline on Feb. 22nd, and the Doctor invites all of his friends to come as buyers or visitors.

The Southeast Colorado Livestock and Poultry show held at Lamar, Jan. 27-29 was a third larger and fifty per cent better than ever before. This was the fifth annual show of the association and well demonstrates what can be done where the town and country unite in a purpose so well worth while as this. The premiums are the same as those given at the Denver show and no entry fees are charged. The premium money amounting to several thousand dollars is raised by the local chamber of commerce and is spent under the direction of a board composed of farmers. The display of draft horses was the best the writer has ever seen outside of a state fair, four teams of draft horses shown in harness had an average weight of over 3,400 pounds. Fine herds of Holstein and Milking Shorthorn cattle were shown, over one hundred head of hogs, a half dozen herds of sheep, milk goats and over one thousand head of fancy poultry including a big display of turkeys. The year the poultry show was started, in 1921, only two cars of poultry were shipped out of Lamar, last year according to records kept by the Chamber of Commerce a total of thirty cars of live poultry went out and twelve cars of dressed turkeys for which the top of the eastern market was paid. The record show that in 1925 the farmers of the vicinity received a grand total of \$272,000 for their poultry and eggs, and the Pet Milk Association of that place is now paying them over \$22,000 monthly for milk. No wonder everyone turned out to see the cows and hens. It was a mighty democratic affair, the banker's wife chatted pleasantly with the country woman as they watched the judging, the Mexican beet grower came in with his wife and children and took home with him inspiration that will help him in days to come. The boys rode their ponies down from the foot hills to see the show, there was an occasional big hat but the spurs and lariats were nowhere in evidence. The Mason-Dixon line of the cowboy has moved farther west, and the dairy cow and hen have moved in.

## POLLED SHORTHORN CATTLE

**POLLED SHORTHORNS**  
Established 1907  
Three great bulls now head our herd of 175. Some of the greatest families and blood lines of dual purpose, Polled Shorthorns. Weaned bulls and up to \$200. We guarantee our stock and delivery. Truck delivery, J. C. BANSBURY & SONS, PRATT, KANSAS.

## CHESTER WHITE HOGS

**O. I. C. HOGS on time** Write for Hog Book  
Originators and most extensive breeders.  
THE L. B. SILVER CO., Box 15, Salem, Ohio

**CHESTER WHITE SWINE**  
Bred gilts, March, April, May farrow. Bone, size, smoothness. Bred to several champion boars. Fall pigs, trios. Few spring boars. Immured. Alpha-Wieners, Box C, Diller, Neb.

## Livestock Classified Advertisements

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations permitted. Remittances must accompany orders. Minimum charge, ten words. No sale advertising carried in Live Stock, classified columns.

## CATTLE

**BESIDES HIGH-TEST, MY OLD-ESTABLISHED** Jersey herd is bred for heavy production and is rich in the blood of Pogs 99th, Sybil's Gamboge and Golden Fern's Noble. Imported from Island of Jersey, unexcelled sires of heavy producers at the stall; the dam of one of my herd bulls holds world's record for Jersey milk production. My experience is that Jerseys are by far the most profitable breed for the farmer who sells butterfat, and the most suitable as family cows, and I have a working farmer's herd of real Jersey cream cows, and believe that one good Jersey cow will make you more net profit than three common cows. For sale now: extra good, young, purebred Jersey cows, unregistered, many heavy springers, \$60 each. Also big heifer calves, some almost yearlings, \$30 each or four for \$100. Tuberculin tested and 60-day re-test guaranteed. Fred Chandler, R. 7, Chariton, Iowa. (Fast trains from Kansas City north direct to Chariton.)

**THE WORLD'S CHAMPION DAIRY COW** is a Milking Shorthorn giving 1,614 lbs. butterfat yearly, official test, and in 2 months dry increasing weight from 1,680 to 2,128 lbs. Information about Milking Shorthorns, our forefathers' Durhams, good for both beef and milk, and herds of 100 breeders, on request. Milking Shorthorn Society, Box 403, Independence, Iowa.

**REGISTERED HEREFORD BULLS** by Stanway and Beau Blanchard bred bulls from good well-bred cows of Anxiety 4th breeding. Good herd bull prospects, serviceable ages. Priced to sell. Frank Sedlacek, Marysville, Kan.

**GUERNSEYS, LARGE TYPE, HEAVY PRODUCERS**, practically pure bred heifers on approval by express \$20.00 each eight weeks old. Tested. Woodford Farm, Riverview Station, St. Paul, Minn.

**TEN POLLED SHORTHORN BULLS** at farmers' prices. Reds and Roans. Joseph Seal, Wakefield, Kan.

**FOR THE VERY BEST HOLSTEIN OR GUERNSEY calves**, write Spreading Oak Farm, Whitewater, Wisc.

**FOR THE BEST GUERNSEY DAIRY calves** write L. Terwilliger, Wauwatosa, Wis.

**SCOTCH SHORTHORN BULLS FOR SALE**. Good individuals, prices reasonable. R. E. Halley, Wilsey, Kan.

**EIGHTEEN GOOD REGISTERED SHORTHORN cows and heifers**. Owen O'Neill, Windom, Kan.

**GUERNSEY OR HOLSTEIN CALVES \$20.00** each. Edgewood Farms, Whitewater, Wis.

**FOR SALE REGISTERED RED POLLED bull**. Walter Hogue, Barnes, Kan.

**CONTAGIOUS ABORTION IN CATTLE** stopped. Five years successful record. Guaranteed cure and prevention. Folder, explaining, free. Sunnyside Farms, Bucktail, Neb.

## HORSES AND JACKS

**I HAVE FOR SALE 1,300-LB. JACKS**, Ton stallions and large saddle stallions, also Morgan, best there are. Farmers, horse shortage is here. Bankers take notes, get up company. Bargain prices. Have agreement no one can object to as a company. Also Hereford bull for sale or exchange. M. W. O'Keefe, Scranton, Kan.

**WANT TO BUY LARGE JACKS 1,300 LBS.** Ton stallions or larger, also saddle stallion, also Morgan, must be at cash values. Pay cash. Box 154, Belvue, Kan.

**FOR SALE OR TRADE FOR CATTLE**, hogs or sheep, one registered Percheron stallion and one mammoth jack. O. L. Jackson, New Albany, Kan.

**STALLIONS AND JACKS FOR SALE** cheap. Stallion Jacks and Jennets. Also breeding barn. Chaput Bros., Aurora, Kan.

**SPOTTED SADDLE STALLION, COLTS** to show, pictures on request. Don Jones, Alta Vista, Kan.

**MAMMOTH JACK, BLACK WITH WHITE** points. W. Brumbach, Walker, Mo.

## HOGS

**ROYALLY BRED CHESTER WHITE** boars, \$35. F. Scherman, Rt. 7, Topeka, Kan.

**O. I. C. BOARS AND GILTS**. JESS MCGINNIS, Fall River, Kan.

## Public Sales of Livestock

**Percheron Horses**  
March 8—Rotermund Bros., Lincoln, Mo.  
Sale held at Fair Grounds, Sedalia, Mo.

**Shorthorn Cattle**  
Feb. 23—J. P. Ray & Sons, Lewis, Kan.  
March 4—Central Round-up, Kansas City, Mo.  
March 23—Kansas Shorthorn Breeders' Assn., Manhattan, Kan., C. E. Aubel, Sale Manager, Manhattan.  
March 24—Kansas Shorthorn Breeders' Assn., Wichita, Kan., C. E. Aubel, Sale Manager, Manhattan.  
March 25—Nebraska State Show and Sale, Grand Island, Neb. H. C. McKelvie, Lincoln, Neb., Sale Manager.  
April 6—Jewell County Breeders Association, Shorthorns and Polled Shorthorns, Lovewell, Kan.  
April 21—Northwest Kansas Shorthorn breeders, Concordia, Kan. E. A. Cory, Sale manager.

**Polled Shorthorn Cattle**  
Feb. 17—T. M. Willson & Son, Lebanon, Kan.  
April 1—Annual show and sale, Omaha, Neb. H. C. McKelvie, Sale Manager, Lincoln, Neb.

**Holstein Cattle**  
Feb. 15—B. L. Bean, Atchison, Kan.  
Feb. 16—B. L. Bean, Atchison, Kan.  
Feb. 22—Dr. C. A. Branch, Marion, Kan.  
March 25—Shawnee County Holstein Breeders Sale at Topeka. Joe White, Rt. 2, Topeka, Sale Manager.

**Aberdeen Angus Cattle**  
March 1—Central Round-up, Kansas City, Mo.

**Hereford Cattle**  
Feb. 8—E. E. Innis, Meade, Kansas.  
March 2—Central Round-up, Kansas City, Mo.

**Poland China Hogs**  
Feb. 9—L. E. Knox, So. Haven and F. E. Wittum, Caldwell, Kan.  
Feb. 9—H. B. Walter & Son, Bendena, Kan.  
Feb. 10—W. H. Charters, Butler, Mo.  
Feb. 17—G. E. Schlessner, Hope, Kan.  
Feb. 18—E. E. Hall, Bayard, Kan.

**Spotted Poland China Hogs**  
Feb. 13—Dr. Henry B. Miller, Rossville, Kan.  
Feb. 18—Paramount Farms, Waterville, Kan. Nelson Bros.

**Chester White Hogs**  
Feb. 25—M. K. Goodpasture, Horton, Kan.

**Duroc Hogs**  
Feb. 10—J. G. Axtell & Son, Great Bend, Kan.  
Feb. 24—H. E. Mueller, St. John, Kan.  
Feb. 6—E. G. Hoover, Wichita, Kan.  
Feb. 8—E. E. Innis, Meade, Kan.  
Feb. 9—G. M. Shepherd, Lyons, Kan.  
Feb. 11—Long Duroc Farm, Ellsworth, Kan.  
Feb. 12—W. A. Gladfelter, Emporia, Kan.  
Feb. 16—W. T. McBride, Parker, Kan.  
March 2—Geo. Anspaugh, Ness City, Kan.  
March 10—E. E. Norman, Chapman, Kan.  
March 17—W. R. Huston, Americus, Kan.

**Jacks and Jennets**  
Feb. 15 and 16—L. M. Monsees & Son, Smithton, Mo. Sale held at Limestone Valley Jack Farm.

Living in the past or the future isn't much fun. Try the present. It is both of them combined.

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Is there a cow testing association in your neighborhood? Did you know that the market for Ayrshires would be better if there were? Would you belong? A wideawake Ayrshire breeder could have a cow-testing association going in his neighborhood within sixty days and within a year or two could have a red and white bull at the head of every grade herd in the community. One is inclined to fix responsibility for the slow development of cow testing associations in Kansas on the purebred dairy breeders.—M. N. Beeler, Livestock Editor.

## Kansas Ayrshires

Big, strong, productive, profitable cows suited to Kansas conditions. Four hundred herds already established. Write for full information concerning the merits of the Ayrshires and their adaptability to Kansas conditions.

Ayrshire Breeders' Association  
12 Center St.  
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**Hillcrest Ayrshire Farm**  
foundation stock from South Farms, A. R. backing. Young bulls and heifers for sale.  
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**AYRSHIRE TYPE AND PRODUCTION**  
Revina Robinson 8th in service. Records made by Cow Testing Assn. Stock for sale.  
R. E. BANKS, LARNED, KANSAS.

**Gunn's Ayrshire Herd**  
Best blood lines, heavy producers. If interested in Ayrshires, write or visit our herd. F. A. GUNN, Rt. 1, Great Bend, Ks.

**Young Ayrshire Bulls**  
sired by a Peter Pan bull, some out of dams with A. R. records up to 14,300 lbs. milk.  
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none better bred. Sired by JERRY FINLSTON ARMOUR. Out of cows with records. O. M. NORBY, Pratt, Kansas.

**HIGH PRODUCING AYRSHIRES**  
headed by a son of HENDERSON DAIRY KING. Stock for sale. Herd federal accredited. E. O. Graper, Eldorado, Kansas.

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Ayrshires of the Jean Armour and Howies Dairy King strains. Young bulls for sale.  
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**Jean Armour Ayrshires**  
Years of careful buying and mating, have placed our herd at the top. Young bulls for sale. Visit us.  
H. L. RINEHART, GREENSBURG, KANSAS.

**Campbell's Ayrshires**  
Best of Jean Armour and Howies Dairy King breeding. Females of different ages and bulls for sale.  
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Cows with records up to 500 lbs. Foundation stock from Cassard Estate. Young bulls for sale. Inspection invited. CLYDE HORN, Stafford, Kansas.

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Foundation stock from the best Eastern herds. All females have records. Win wherever shown. Stock for sale. A. B. WILLIAMS & SONS, Darlow, Ks.

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We aim to build up one of the best herds to be found in the west and have made a good start. Visitors welcome. Joe B. McCandless, St. John, Ks.

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by Penshurst Keystone Mischief 30166, his five nearest dams averaging 714 lbs. fat. Also James Oak-london King 24189 out of Dam A. R. 9600 M fat 426 two year old. G. J. Bahnmaier, Lecompton, Kan.

**Quality Reg. Ayrshires**  
You are invited to visit our Ayrshire herd any time you are near Onaga. Stock for sale. All inquiries promptly answered. Geo. L. Taylor, Onaga, Ks.

**COB CREEK FARM AYRSHIRES**  
Pioneer herd in Dickinson County and one of the oldest in the state. Bull calves for sale, holding females for fall sale. H. H. Hoffman, Abilene, Kan.

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For sale—Out 6 yr. herd sire, Kansas White Cloud. Parental brother to Henderson Dairy King. Dam Finlayston Bell Leah, A. R. 14,312 lbs. Fat 3125.00. Sunrise Dairy, Valley Falls, Kansas.

**VALLEY POINT STOCK FARM**  
Registered and high grade Ayrshires. Three months old bull calf by B. L. Commodore and out of an exceptionally high producing cow. 50 head in the herd. T. J. CHARLES, REPUBLIC, KANSAS.

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heads our herd, comes from the best A. R. ancestors. Our aim is to breed them still better. Few females for sale. A. ABENDSHIEN, TURON, KANSAS.

**AYRLAWN FARM**  
Fairfield Dairy. Lad heads herd. Winner at Kansas, Iowa and Missouri state fairs, also National Dairy Show and American Royal.  
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Penshurst Snow King's granddam produced 1005 lbs. of butter per year. Dam's record at 2 years 576 lbs. fat. For sale one bull.  
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**NESCOTONGA AYRSHIRE HERD**  
one mile south of town. Revina Peter Pan 20th in service. Cows of A. R. breeding.  
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good ones, Garland Success and Glory Lad blood. Reasonable prices.  
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Herd sire, Penshurst Prince Albert, by Penshurst Man O' War 25200. His dam Penshurst Queen of Beauty 67646. His sire's dam Garlaugh May Mischief 27944. Cows for sale. A. G. Bahnmaier, R. 1, Topeka, Kan.

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## JERSEYS FOR SALE

30 head high grade cows and heifers, heavy milkers, good breeding, lots of size, all right in every way. Write or come and see, priced right. Meadowbrook Farm, R. 8, Paola, Kan.

**MILKING SHORTHORNS**  
VALUABLE and DISTINCTION  
B. H. Benedict, WYLDREME FARMS,  
Littleton, Colo.

## Kansas Shorthorn Breeders

Can't you get away one day to attend the Shorthorn meeting in Manhattan, February 11? The state breeders' association will convene at 3 o'clock in the afternoon for considering common problems, electing officers and outlining an extension program for next year. It's good business to attend. You'll meet a flock of representative breeders and you'll have an opportunity to help out on the Shorthorn program for Kansas next year. Let's go to Manhattan and make it the biggest meeting ever held.—M. N. Beeler, Livestock Editor.

## Alfalfa Leaf Shorthorns

Herd headed by the Junior Champion Divide Magnet. Choice young bulls and females for sale.  
JOHN REGIER, WHITEWATER, KAN.

## Stanley Shorthorns

Scotch blood and type, with plenty of milk production. Secret Robin in service. Visit our herd.  
MISS M. V. STANLEY, ANTHONY, KAN.

## Homer Creek Stock Farm

Shorthorns and Durocs, Scotch and Scotch Topped bulls and females for sale.  
CLAUDE LOVETT, NEAL, KANSAS.

**SPRING CREEK SHORTHORNS**  
headed by Prince Collynie and Collynie's Choice. We breed for milk as well as beef and have improved the herd by the continuous use of good bulls.  
Thos. Murphy & Sons, Corbin (Sumner Co.), Kan.

## Village Park Baron

by Imp. Gainford Rothes Prince, in service. Young stock for sale. Inspection invited.  
HARRISON BROOKOVER, EUREKA, KAN.

## NINNESCAH VALLEY SHORTHORNS

140 in herd, Scotch and Scotch Topped bulls from sales up to serviceable age, also females.  
E. L. STUNKEL, PECK, KANSAS

## EDWARDS SHORTHORNS FOR SALE

Willdon Place Farms, Bartlett, Kansas. Willtonga Farms, Route 4, Tonganoxie, Kansas.  
W. C. Edwards, 310 Reliance Bldg., Kansas City, Mo.

## Valley View Farm Shorthorns

For sale, a few choice young bulls reds and roans. Also pair of fine roan heifers out of heavy milking dams. Fred Abildgaard & Sons, Winfield, Kansas.

**CHICKASKI VALLEY SHORTHORNS**  
Fifty head in herd headed by Collynie's Consul. Young bulls of serviceable age, cows and heifers, bred for milk and beef. H. M. Wible, Corbin, Kan. Seven miles north of Caldwell.

## WOHLSCHEGEL SHORTHORNS

50 breeding cows mostly Scotch, many Imp. Imp. Bapton Dramatist in service. Bulls and heifers for sale. D. WOHLSCHEGEL & SONS, HARPER, KAN.

## Imp. Bapton Corporal

the undefeated Grand Champ, now heads our herd, sire of more champs than any other Imp. bull. Josiah Jones, Augusta, Ks.

## DOSSER'S MILKING SHORTHORNS

headed by Bonvue Lee Oxford, out of official record dam. We have R. M. cows, granddaughters of General Clay. Bulls for sale. J. B. DOSSER, Jetmore, Kan.

## ROBISON'S SCOTCH SHORTHORNS

75 head in herd, more than one third imported. Choice young bulls and females for sale. J. C. ROBISON, TOWANDA, KAN.

## Cloverdale Stock Farm

Herd headed by Divide Renown 1142894 by Meteor 820949. Good young bulls for sale.  
OTTO B. WENRICH, OXFORD, KAN.

## RANSOM FARM SHORTHORNS

100 head in herd, 15 thick bloody coming yearling bulls. Reds and nice roans. Sired by Village Marshal Jr. W. F. BAER, RANSOM, (Ness Co.) KANSAS.

## Willow Brook Shorthorns

Young bulls for sale. Best of Scotch blood. Roans and whites. See them.  
G. C. BRAND & SON, BASIL, KANSAS

## Young Bulls For Sale

calves up to serviceable age, sired by Proud Marshall. Also cows and heifers.  
E. J. HAURY, HALSTEAD, KANSAS

## Young Bulls and Heifers

for sale. Best of breeding and good individuals. A. W. JACOB, Valley Center, Kan.

## KNOX KNOLL STOCK FARM

Shorthorns, headed by Radium Stamp and Cumberland Knight. 60 breeding cows. Also Poland Chinas and Shropshire sheep. Stock for sale.  
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Shorthorns headed by A 2400 lb. roan grandson of Cumberland Type. Bulls and females for sale. 12 miles S. E. town. Elmer Conard, Rush Center, Kan.

## MYHOMA SHORTHORNS

Have sold Rodney Clipper, Master Bapton by Masterkee now heads our herd. Nothing for sale at present. Visitors always welcome.  
F. H. Oldenettel, Haven, Kansas.

## HERD BULL PROSPECTS

Sired by Gold Sultan by Lavender Sultan. Roan, out of Mina 8th by Marshall's Crown. White, out of Supreme Clipper by Village Supreme.  
McIlrath Bros., Kingman, Kan.

## Cedarlawn Shorthorns

Four nice bulls, 8 to 12 months old. Straight Scotch and out of our best families. Write for descriptions and prices. S. B. AMCOATS, CLAY CENTER, KS.

## TOMSON SHORTHORNS

Our large herd offers good opportunity for selection. Herd sires in use, Marshall's Crown and Marauder. Write us your wants.  
Tomson Bros., either Wakarusa or Dover, Kan.

## ELMHURST FARM SHORTHORNS

Fancy Marshall by Marshall's Crown in service. Something always for sale. Federal accredited. Shorthorns of merit worth the money.  
W. J. Sayre & Son, R. 8, Manhattan, Kan.

## 12 Nice Young Bulls

Top of our spring crop and some older. Five are roan and seven reds. Scotch and Scotch Topped.  
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Shorthorns, oldest herd in the state. A great bargain in a fully guaranteed herd bull that has won all over central Kansas. E. A. Cory & Sons, Talmage, Ks.

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C. G. Cochran & Sons, Plainville, Kansas

## ERORA FARM SHORTHORNS

Herd headed by Marshal Lavender 994503 by Village Marshal 427572. No stock for sale at present. E. L. WOLF, Quinter, Kan.

## Sleepy Hollow Milking Shorthorns

We offer a few choice females and choice bull calves. May & Otis breeding.  
R. M. ANDERSON, BELOIT, KANSAS

## Bargain in a Herd Bull

I must change bulls and offer my present herd bull for sale. Also some cows and heifers.  
J. P. SPRINGER, GARRISON, KAN.

## CHOICE YOUNG SCOTCH BULLS

No public sale this fall but we offer some very choice young bulls at private sale.  
R. W. DOLE, ALMENA, KAN.

## YOUNG BULLS

We offer some very choice young bulls 6 to 9 months old, by our senior herd sire Mr. Marshal.  
T. F. BOTTOM, SOLDIER, KANSAS

## YOUNG BULLS AND HEIFERS

for sale, Ashbourne Supreme, by Supreme Certificate and out of Supreme, the great show cow heads our herd. Write for prices.  
H. D. Atkinson & Sons, Almema, Kansas

## POLLED SHORTHORNS

## Polled Shorthorn Sale Feb. 17

Cows and heifers, cows with calves at foot. Also a few bulls of serviceable ages. Also some bred Poland China sows. T. M. WILLSON & SON, Lebanon, Kansas.

## BULLS ALL SOLD

One mammoth Jack for sale. A few good S. C. R. I. Red cockerels.  
R. L. TAYLOR & SON, Smith Center, Kan.

## Polled Shorthorn Bulls

We offer young bulls from calves up to yearlings. Choice breeding and good individuals. Write to WM. M. KELLY & SON, Lebanon, Kan.

## SHEARD'S POLLED SHORTHORNS

Write for description, breeding and prices on what you are interested in. Will have some choice young bulls ready for service soon.  
D. S. Sheard, Esbon, Jewell Co., Kansas

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breeding never offered before. We offer 42 head, cows bred to Scotch bull and open heifers. A recognized strong herd of Polled Shorthorns.  
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## Polled Shorthorn Bull Calves

We have about 15 choice polled bull calves sired by Double Sultan that we offer for sale. Write for prices.  
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## Fisher Polled Shorthorns

Red, whites and roans, bulls and heifers, few cows. 60 head in herd.  
J. C. FISHER & SON, St. John, Kansas

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from six to nine months old and a few young cows to sell. Write for prices and descriptions.  
JOS. BAXTER & SON, Clay Center, Kan.

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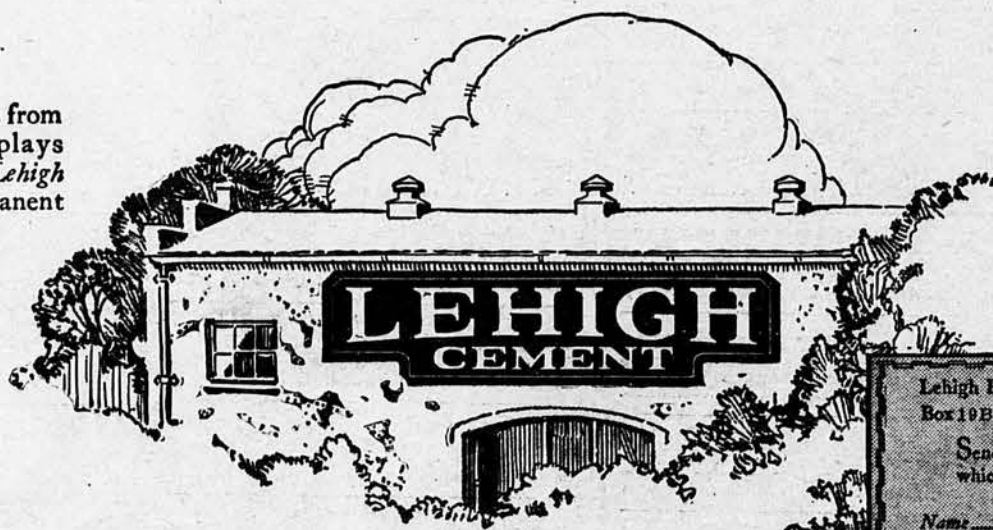
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