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KANSAS FARMER AND MAIL & BREEZE

Volume 61

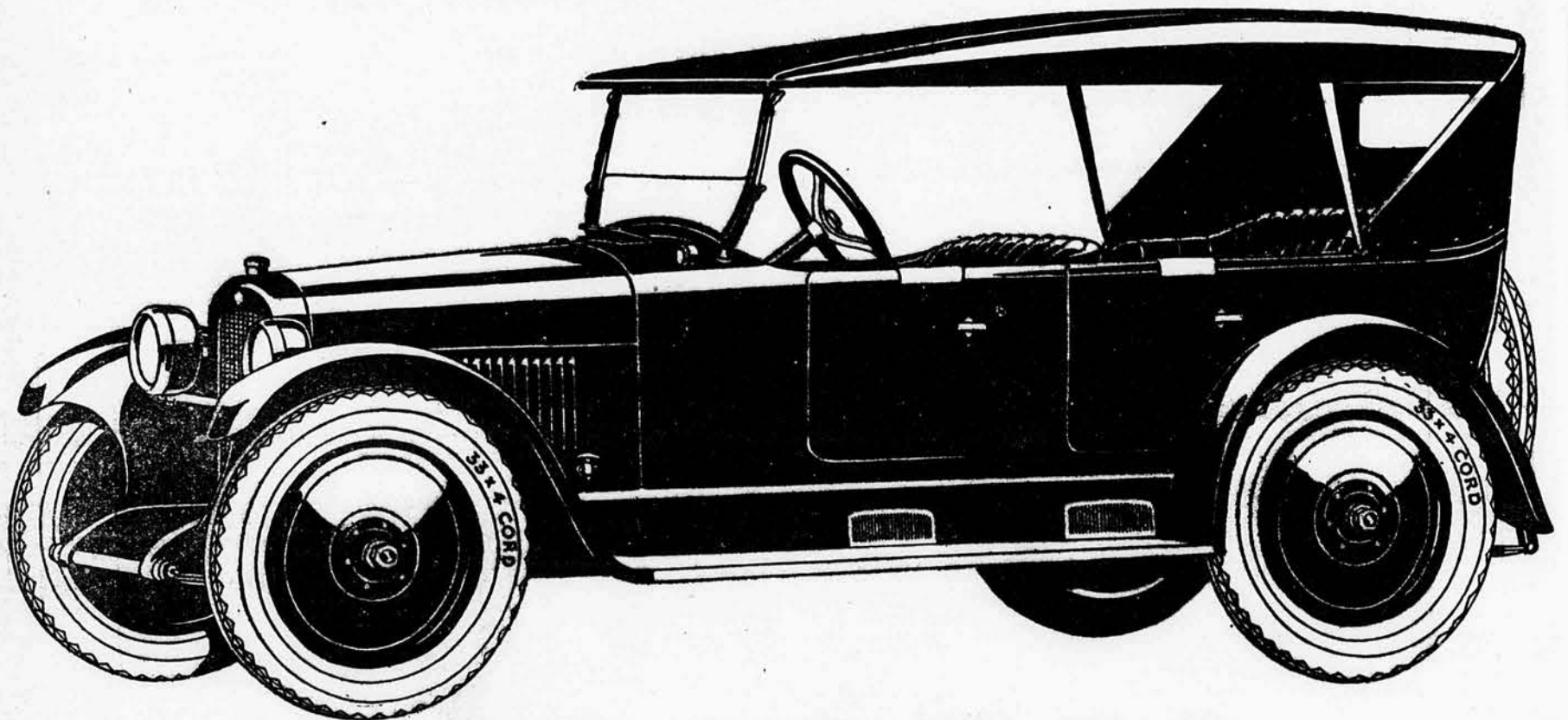
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The Nash Motors Company, Kenosha, Wis.

Runs a Bread and Butter Farm

There's Safety in the Half Dozen Income-Bearing Projects Which H. F. Salmans Maintains on His Hodgeman County Ranch

By M. N. Beeler

OUT on the Jetmore branch of the Santa Fe is a town which the railroad calls Olney, but which the Postoffice Department at Washington prefers to designate as Hanston. Five and a half miles northwest of that station is the ranch of H. F. Salmans, who has learned a great deal about making a living during his stay in Western Kansas. You know there "is safety in numbers." That applies to farm projects as well as to persons.

Salmans adopted that saying literally to insure the proverbial "bread and butter" for his family. He has six major, income-bearing, farm projects. Of course he is much busier than a wheat farmer, but he makes more money. Prof. W. E. Grimes, agricultural economist for Kansas State Agricultural College, ought to get a great deal of comfort out of Salmans's way of conducting his ranch, but he likely would be surprised to find him in Hodgeman county. Grimes has been studying farm incomes in several counties and has found that the men who make the most money, pay their taxes promptly and settle with the interest collector first are the ones who have several sources of income. Salmans is that kind of farmer.

Has Several Things Started

Perhaps he is not just a farmer after all. Possibly he is a cattle ranchman, or a wheat grower. Maybe he is a horse raiser or a dairyman. Or he could be considered a hog man and a diversified crop grower. Anyhow he has four sections of land and rents a quarter section on which he has all these projects under way.

A considerable portion of Salmans's land is maintained in pasture for the 800 head of beef cattle. From 600 to 700 acres are devoted to wheat and 180 to 200 to feed crops. Last year his wheat totaled 8,500 bushels. He

maintains a horse herd of about 60 of Shorthorns, Galloways and Herefords. He uses purebred Hereford bulls and his cow herd is of high grades. Usually, the calves are sold from the pasture as yearlings when

His beef herd consists of a mixture

they weigh 600 pounds. They bring about \$40 a head. This spring, however, the calves, 150 head, were shipped out at the end of the wintering season. They weighed 475 pounds and brought \$30 a head. Two-year-olds which averaged 800 pounds cleared \$52 in Kansas City on the open market.

The calves are wintered on kafir, or other sorghums and millet for roughness. A little grain is fed. The calves marketed this spring had 5 bushels of barley a day.

Salmans's milk cows are selected from the beef herd. He picks the most likely ones and gives them special attention. They are bred to freshen at different times so that he will have a constant flow of milk. The milk is separated and the cream sold to a local station. Skimmilk is fed to the hogs. At present the cream is bringing in about \$4 a day after the family has used all they require. In 1919, Salmans's cream checks totaled \$2,000. Prices were high then, and consequently the returns have not been so great since. Normally he sells from \$1,200 to \$1,500 worth of cream in a year. The cows are run on native pasture in summer and on wheat in winter. They receive kafir and millet for winter roughness and barley chop for grain.

How Spring Pigs are Handled

Salmans raises Chester Whites and Spotted Poland Chinas in his pork-making project. Spring pigs are kept on pasture during summer with just enough feed to make them grow good frames. Skimmilk is a great help in this respect. Sometimes they have a sowed crop for pasture, as they do this year in the sorghum and Sudan grass which were seeded and fenced especially for them. At other times they graze on weeds and wheat stubble.

Under this system of management they will weigh 80 to 125 pounds by (For Continuation Please See Page 11)



Co-operation is the Only Way to Success

Premium for Good Eggs Coming

By Philander Grayson

FARMERS who produce better eggs are going to receive a premium for their product before long. Already a start has been made. Last spring, John J. Inskip, county extension agent, for Sumner county, said he couldn't understand why a farmer should be expected to produce better eggs if he did not receive pay for his trouble. This swat the rooster campaign, and grading of eggs seemed a foolish burden if there was not some incentive. Now that sounds reasonable. If a person produces a better product than his neighbor, he is entitled to some extra compensation. But the poultry dealers and egg buyers haven't been able to see it that way.

Good Products Bring Premium

Inskip said he proposed to see what could be done about it. He said if the local buyers would not pay a premium for good eggs which they could sell for a higher price, he would find a buyer outside of the county. Reports from Sumner county indicate that he has succeeded in that undertaking. Inskip has persuaded his farmers to swat their roosters but he started at the right end in getting them to do it. He found a Topeka firm, the Seymour Packing Company, which was willing to pay more for infertile, graded eggs. The premium was only 3 cents a dozen, but it was enough to start something. Farmers are now packing Number 1 eggs which

are described as follows: Infertile, clean, gathered once a day at least and delivered at least twice a week, weigh 48 pounds net to the case and at least 24 ounces to the dozen. That premium sounded the doom of more roosters than all the talking and publicity that ever has beset the ears of chicken keepers in Sumner county. That 3 cents a dozen saved a lot of argument. It gave a reason for getting roosters out of the flock. Roy Wade, manager of the Sumner county plant of the Topeka firm, experienced an increase in rooster business as soon as the news leaked out that the premium was offered.

A good many egg buyers have felt that there should be some incentive for producing better eggs, but they have not seen their way clear to step right out in the open and offer a premium. Others have necessarily admitted that the graded and infertile eggs are worth more and never have done anything about it. They have contended that when farmers produced better eggs they would get an increase in price. That's the old stall. There is no reason why a farmer should get up Friday night and pluck the roosters from their roosts so that they can be taken to town on Saturday, nor is there any reason to expect a farmer to gather his eggs religiously every day, keep the nests clean so that the

eggs will not become soiled, store the product in a cool place, throw out all dirty, misshapen and rough eggs, separate the brown and white ones, grade them so that they weigh 24 ounces to the dozen and trot to town with them twice a week if he is not paid for the trouble. A man at Ottawa said the other day that he was in favor of a premium. He thinks that a farmer who takes better care of his eggs is entitled to better pay. But he wasn't backing his sentiments with cents. That's probably because he was buying for one of the big packers and they will pay the premium only when they are forced to do so.

Dealers can afford to pay more for graded infertile eggs because they can get more for them from the produce houses and the consumer. Local buyers know who produces safe eggs and they usually take special pains in marketing them where they will bring the best price, but rarely does the farmer get the benefit of this better price.

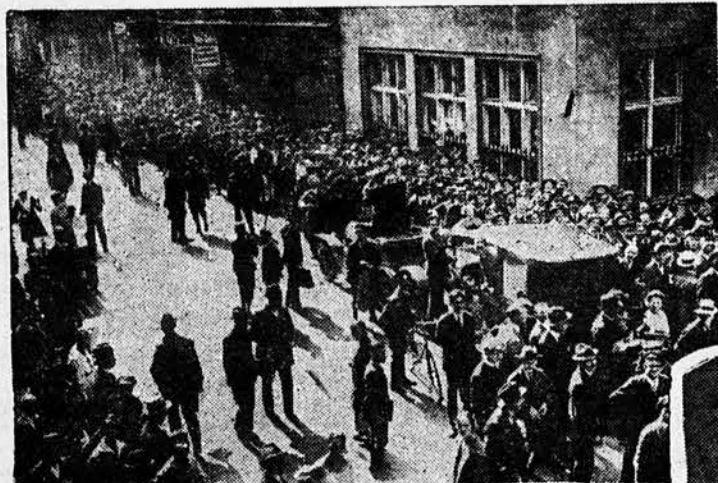
Regardless of the increase in price which packers and the other big egg buyers can get for a superior product, they could afford to pay a premium for better quality because of the savings it would effect. Fertile eggs start deteriorating as soon as they are laid and they go to pieces rapidly in hot weather. Go to any poultry house and ask the man who picks the baby

chicks out of the egg cases and see what he thinks of fertile eggs. There is a heavy loss on them from the time they are candled by the local buyer until they reach the consumer. They even deteriorate in cold storage. That loss is added to the retail price. If a premium was offered, the farmer would take more pains with eggs, would receive pay for his trouble, produce houses would experience lighter losses and it would be scarcely necessary for the consumer to pay more for his eggs than he has to pay under present conditions in Kansas.

Quality Always Appreciated

The argument about eggs is like the one about wool, cream and other products. Buyers must admit that the better quality is worth more money and say they will pay better prices when farmers produce better stuff. Farmers are beginning to call that bluff. They say they can and will produce the quality when the incentive is forthcoming. Furthermore they are not waiting for the spirit to move buyers. They are seeking a market that will pay them for their trouble. Any wool buyer who is truthful will admit that local wool marketing organizations have changed his methods. The creameries of Kansas have been cornered and are offering a premium for better cream. The egg premium is coming, and the man at Ottawa says it's going to be forced regardless of the attitude of any of the dealers on this question.

News of the World in Pictures



Money Strike in Berlin Causes Severe Rioting; Photo Shows Mob Surrounding Principal Offices of the Reichsbank When That Institution Was Unable to Meet Its Obligations, Even in Paper Marks When Printers Went on a Strike

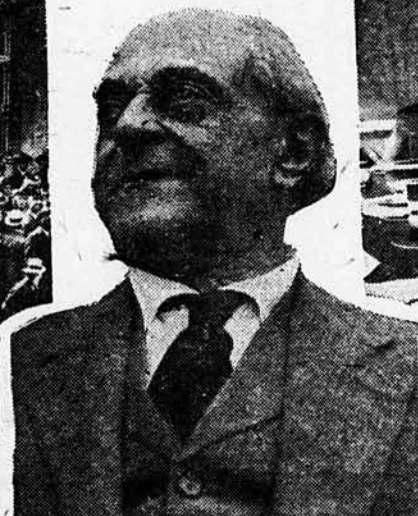


Photo of Valmir de Pachmann, the Russian Pianist, Who Has a New Method of Playing the Piano With His Wrists Perfectly Stiff. He is Now Touring America



Federal Fuel Distributor F. R. Wadleigh and Clyde Aitchison of the Interstate Commerce Commission, Preside at Anthracite Coal Meet of the New England and Middle States Held in New York City



Dr. Louise Stanley, New Head of the Bureau of Home Economics of the United States Department of Agriculture; She Has 50 Employees on Her Staff and Gets a Salary of \$5,000 a Year



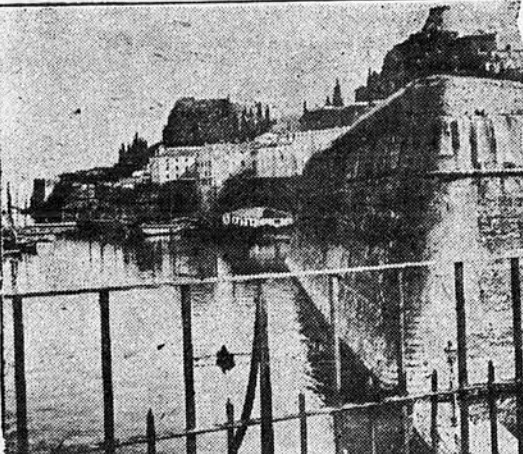
Photo on Right Shows Crowning of Queen Titania, Miss Anna Harvey at the Left-Center, and at the Right-Center, Princess Cinderella, Miss Dorothy Dear at Recent Asbury Park Fete



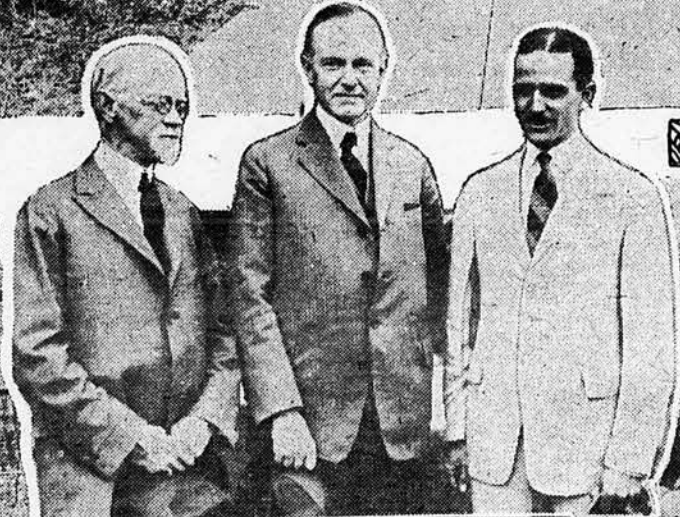
Photo on the Right Shows New Modern Home on the Charles Tudor Farm in Republic County, Kan., the First House Was Burned by Indians and the Present Fine Structure Stands as a Symbol of the Progress Which the Business of Agriculture Has Made



Baron Goto, Former Mayor of Tokio, Who Recently Accepted the Office of Foreign Minister in the Yamanato Cabinet; He is 67 Years Old and is Very Friendly to America



The Fortress of Corfu, Recently Bombarded by the Italian Navy and Seized as the First Move Against the Greeks; It Commands the Entrance to the Adriatic Sea

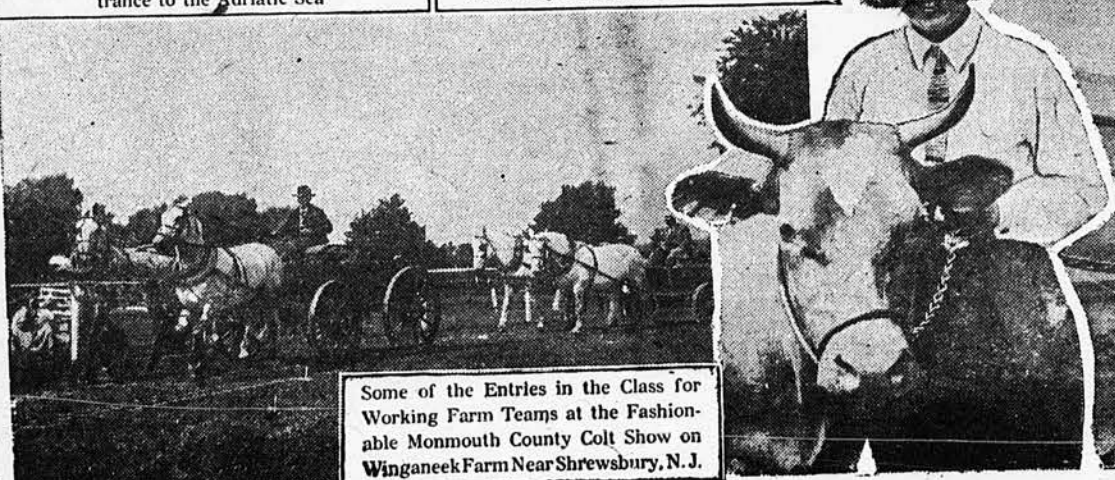


Left to Right, Brigadier General C. E. Sawyer, President Calvin Coolidge, and Commander Joel T. Boone, U. S. Navy Physician; Both Officers Will Be Retained by President Coolidge

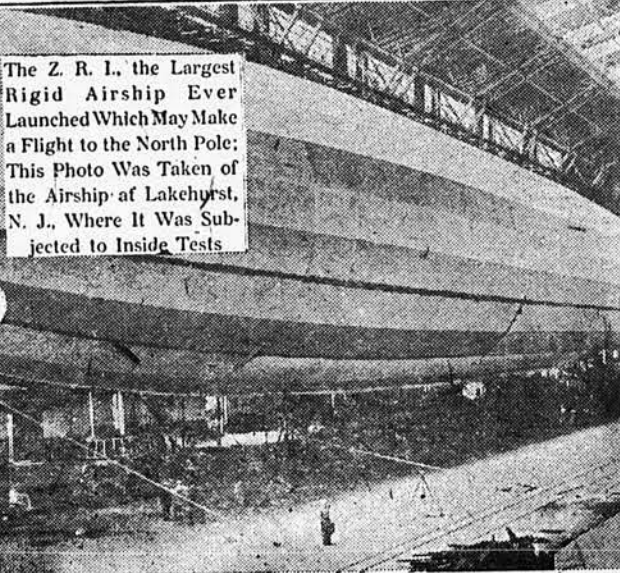


A Flock of Purebred Southdown Sheep "in Pastures Green"; There is a Steadily Increasing Interest in the Production of Wool and Mutton in the Middle West

America's Most Distinguished Farm Girl, Peggy Keith, Now 15 Years Old, and Her Registered Guernsey Heifer Which Has Won Many County and State Fair Prizes



Some of the Entries in the Class for Working Farm Teams at the Fashionable Monmouth County Colt Show on Winganeek Farm Near Shrewsbury, N. J.



The Z. R. I., the Largest Rigid Airship Ever Launched Which May Make a Flight to the North Pole; This Photo Was Taken of the Airship at Lakehurst, N. J., Where It Was Subjected to Inside Tests

Tatlow's Cows Surprised Him

Morris County Breeder Tested His Jerseys as a Guide in Mating and Annexed a Couple of State Records on Two Milkings a Day

By J. C. Burleton

FOR many years M. A. Tatlow tried to make a living at wheat growing. But when he finally decided it couldn't be done, at least in Morris county, he didn't climb up on the fence and yell for the Government to do something about it.

Several fellows in the vicinity of White City were getting along very well with dairy cows. Tatlow had been watching them for quite a while and they seemed to be little affected by the price of wheat or crop failures. He decided that if cows would do well for them, they certainly ought to make him a better living than he got from grain farming. He collected his courage and cash and bought some Jerseys five years ago. Those cows took most of his cash, but they didn't take away his courage. After a couple of years he decided they were not the right kind, but they did teach him a great deal about the dairy business, because he had never milked cows before.

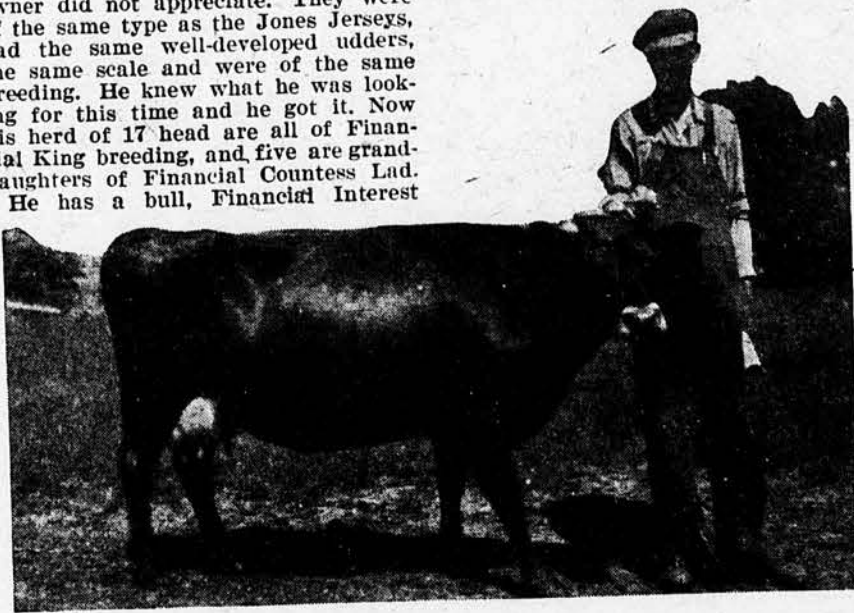
Buys a Few Cows

Fortunately he was able to view their performance critically, and before he had an opportunity to become attached to any of them, the whole lot were sold. In the meantime he had been mixing around with a bunch of fellows who know a great deal about cows, and he learned that there were different kinds of Jerseys. One of the fellows whose herds he visited was J. E. Jones of Liberty, Mo. Jones had just the type of Jerseys that he liked. Tatlow didn't blame either the Government or the fellow he bought the

first cows from for their failure to meet his requirements. Three years ago he took a little more courage and somewhat less cash and bought a half dozen heifers and three cows. He found this time some cattle which the owner did not appreciate. They were of the same type as the Jones Jerseys, had the same well-developed udders, the same scale and were of the same breeding. He knew what he was looking for this time and he got it. Now his herd of 17 head are all of Financial King breeding, and five are granddaughters of Financial Countess Lad. He has a bull, Financial Interest

Boy, intensely linebred Financial King, which he bought for \$500 when he was 66 days old. He was born October 28, 1919.

Tatlow purchased him to get udder development on heifers. In that he



M. A. Tatlow, Jersey Breeder, Who Expects to Build a Herd That Will Average 500 Pounds of Fat; and Raleigh's Financial Belma, a Record Cow

succeeded, for early in June he had two of the bull's heifers which had wonderful udder development, altho they were not due to calve until fall. Udders in this line of breeding are more like the Ayrshires than Jerseys.

He had only a few cows and since he could not get entirely away from grain farming until the herd was large enough to require all his time, he could milk but twice a day, and could not afford to give other than ordinary farm care. He didn't try for records. In fact he wasn't particularly interested in breaking records, because he desired to see what his cows would do under average conditions. To his surprise, two of the cows finished with state records. Raleigh's Financial Belma made a new state record for 2-year-olds at that time with 9,000 pounds of milk and 480.7 pounds of fat.

The Value of Records

What records will do to the value of a cow is indicated by a herd mate of the 2-year-old. He bought her for \$140 and after she had made a 305-day record of 413 pounds fat somebody offered \$345 for her and got her. The cost of putting records on five cows was \$7.50 a month. The testing bill was paid and something besides by the cow that was sold. Had Tatlow pushed his cows, as many breeders do in testing, he undoubtedly would have done better, but he prefers to have the records they made, to what he might have had if the cows had been forced, because he desires to build a big fat-producing herd of merit.

Then He Went Wheat Crazy

Lane County Farmer Took One Last Chance and Failed—Now He Is Resolved to Follow His Diversification Program With Hogs and Cows

By John R. Lenray

DO YOU know how a fellow acts when he's "wheat crazy?" Well, according to O. L. Toadvine's description, the symptoms are about as follows: A person who is getting along well, making more money than his neighbors, keeping dairy cows and raising some hogs, which is not at all common in Western Kansas, suddenly is seized with a desire to make a lot of money by raising wheat. That's what Toadvine said he did and he added that if he hadn't "gone wheat crazy" and had stayed with his cows and pigs he would have been better off. He lost 400 acres of seedbed preparation, labor and seed this year in the general exodus of wheat from Lane county.

"Hogs and dairy cattle are what we need in this country all right," he said when indorsing the safer farming program of Kansas State Agricultural College for Western Kansas. "I learned that once, but I had one more fling at wheat farming in my system, and it was taken out this year. In contrast to my loss of 400 acres seeded last fall, see what my dairy cows have done. They have been returning me \$90 to \$125 a month since November 1, and they have done it on feeds produced right here in the county."

Hogs and Dairy Cattle

Toadvine settled 1 mile north of Dighton six years ago. He never has failed to raise feed since he has been there. Formerly he lived in Rush county. Not since he has been in Lane has he failed to grow feed for his cows and hogs. He has been producing Durocs for market during the last five years. Mind you, he has not gone into either dairying or hog raising on a big scale, but he has made both pay. He has half a dozen purebred brood sows and they reward him for the good care he gives. His pig crop this spring averaged more than seven to the litter saved. That is nearly twice the average of the state, according to Dr. C. W. McCampbell, head of the animal husbandry department, at the Kansas State Agricultural College. He owns 300 acres of land, all

of which are now in cultivation but Sudan grass and cane for roughness. 50, which are in pasture. He grows He carries the hogs thru summer on sorghums and barley for grain and pasture with a light allowance of grain

Makes Silage in the Field

BY M. N. BEELER

SILAGE made in the field, hauled to the barn in a wagon box and dumped into a pit silo forms part of the milk and beef producing rations on the farm of J. H. Keller, 14 miles southeast of St. Francis in Cheyenne county. The silage harvester saves a world of labor, according to Keller. It cuts the corn in much the same way that a corn harvester does, elevates the stalks slightly, flops them down and presents the butt ends



Three Men and Three Boys Make Silage With This Machine Which Cuts the Corn, Chops it Up and Delivers it into Wagon Boxes

to an ensilage cutter on the back end of the machine.

In the type of machine which Keller uses, the knives are mounted on the fan which blows the cut silage immediately into the wagon box thru a semi-circular pipe. A gasoline engine mounted on the frame operates the machinery. Three horses are used to pull the harvester. Wagons driven alongside it receive the cut silage for delivery at the silo. The blower can be shut off while a change of wagons is in process. A newer model of this machine, so Keller says, uses a conveyor instead of a blower for elevating the silage. This requires less power.

While the machine probably costs more than an ordinary cutter, Keller contends that it affords a saving of labor which soon makes up for the higher price. Three men and three boys harvest the silage. One man runs the machine, one unloads the silage and a third works in the silo. The three boys drive wagons. There is no delay in making silage in this way. The corn is cut and made into silage at the same operation. This saves lifting and hauling the heavy bundles.

Keller has two 45-ton pit silos. The wagons are backed up to the cow shed which covers the silos and the silage is dumped in. A door, suspended from a 2 by 4 which extends across the silo collar, serves as an apron against which the silage falls to prevent it from covering the man who packs. One good man in the pit can tamp the silage.

and feeds them out in the fall. Kafir, milo and Freed's sorgo are the principal grain sorghums. These he grinds and mixes with shorts and adds enough skimmilk to make a slop. They are not long in reaching marketable weights on that ration. He considers that Freed's is the best grain sorghum he can grow and prefers it for a fattening grain.

Occasionally he markets the pigs as stockers. Last year, for instance, they were carried thru the summer on pasture. They were fed some cane, cut green as a soiling crop, and were given a small amount of barley, just enough to keep them growing and thrifty. They were sent to market about the middle of October and weighed 115 pounds when 6 and 7 months old. He had intended to feed them out but crops did not promise well and rather than take any chances on a shortage, he sold. That is one of the advantages of growing stock hogs in that country. Spring pigs can be fed a little grain on pasture and developed into growthy stockers which will sell well or which will be in condition to make good use of feed in case grain crops of that region pan out and make a fairly good yield.

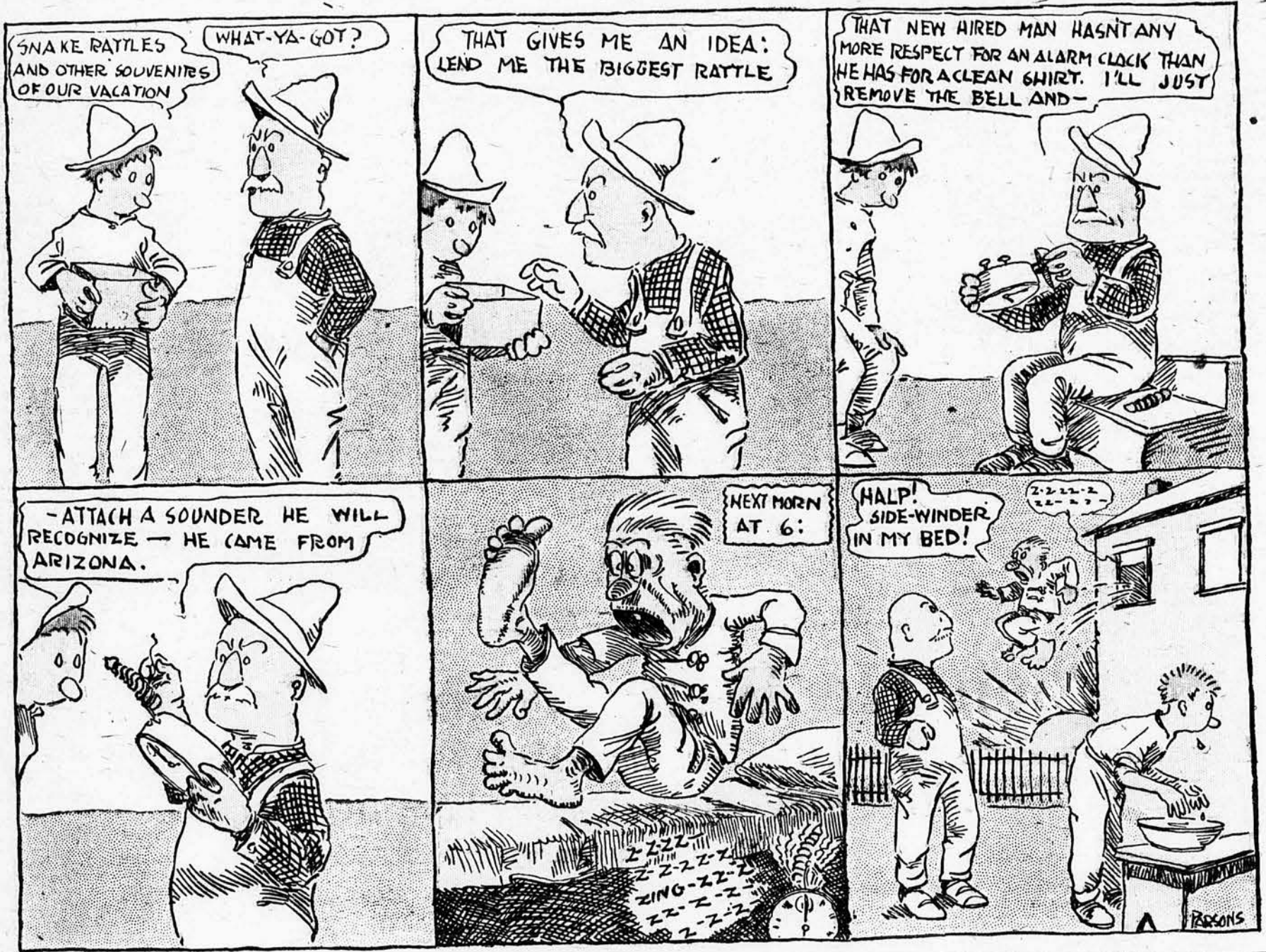
Has 20 Grade Holsteins

Toadvine has 20 grade Holsteins which he bought as calves and developed himself. Thirteen of them are in milk. He finds silage a great help in maintaining production in winter. A hundred-ton silo is filled with grain sorghums or corn. Roughness and cottonseed cake with silage form the winter ration. Last winter straw was given as roughness. He expects to have better hay this year for he is growing 40 acres of Sudan grass.

"I'm going to stay with the hogs and cows hereafter," Toadvine declared. "Wheat is too uncertain. Of course, when a fellow gets a crop, he makes money mighty fast and at little effort, but he doesn't make it often enough. Furthermore a farmer needs a steady income. Dairy cows pay a little every day. They make a market for feeds we could not sell otherwise."

The Adventures of the Hoovers

Here's a Tip Top Brand New Idea That You Might Try Out on the Hired Man; It's a Good One and Hoover Was Kind Enough Not to Patent It



The Cross-Cut—By Courtney Ryley Cooper

A Story of a Fight of Real Men for Wealth in the Silver Mines of Colorado

(Copyrighted)

FOLLOWING the death of his father, young Robert Fairchild learns thru certain legal papers, and Henry Beamish, an attorney in St. Louis, Mo., that he is the only heir to the Blue Poppy silver mine located at Ohadi, in Central Colorado.

Two weeks later he was on his way to Denver and after an adventurous cross-country trip finally reached his destination and took up his abode at Mother Howard's boarding house.

Later he was joined by Harry Harkins, an old time miner and a friend of his father's and together they went to explore the Blue Poppy claim. In the afternoon Harkins disappeared and it was thought he might have fallen down the shaft at the mine and have drowned. The whole town joined in an effort to pump the water out of the mine in order to rescue Harkins if possible. In the meantime Anita Richmond in an effort to distract Fairchild's attention from the incident engages him in conversation about a former meeting of theirs near Ohadi, and about women in general.

"I Won't Forget"

"What do you know about women?" she asked finally, and Fairchild told the truth:

"Nothing."
"Then—" the laugh grew heartier, finally, however, to die away. The girl put forth her hand. "But I won't say what I was going to. It wouldn't sound right. I hope that I—I live up

to your estimation of me. At least—I'm thankful to you for being the man you are. And I won't forget!"

And once more her hand had rested in his—a small, warm, caressing thing despite the purely casual grasp of an impersonal action. Again Robert Fairchild felt a thrill that was new to him, and he stood watching her until she had reached the motor car which had brought her to the big curve, and had faded down the hill. Then he went back to assist the sweating workmen and the anxious-faced Sam Herbenfelder. The water was down seventy feet.

That night Robert Fairchild sought a few hours' sleep. Two days after, the town still divided its attention between preparations for the Old Times Dance and the progress in the dewatering of the Blue Poppy shaft. Now and then the long hose was withdrawn, and dynamite lowered on floats to the surface of the water, far below, a copper wire trailing it. A push of the plunger, a detonation, and a wait of long moments; it accomplished nothing, and the pumping went on. If the earthly remains of Harry Harkins were below, they steadfastly refused to come to the surface.

The volunteers had thinned now to only a few men at the pumps and the

gasoline engine, and Sam Herbenfelder was taking turns with Fairchild in overseeing the job. Spectators were not as frequent either; they came and went—all except Mother Howard, who was silently constant. The water had fallen to the level of the drift, two hundred feet down; the pumps now were working on the main flood which still lay below, while outside the town-people came and went, and twice daily the owner and proprietor and general assignment reporter of the Daily Bugle called at the mouth of the tunnel for news of progress. But there was no news, save that the water was lower. The excitement of it began to dim. Besides, the night of the dance was approaching, and there were other calls for volunteers, for men to set up the old-time bar in the lodge rooms of the Elks Club; for others to dig out ancient roulette wheels and oil them in preparation for a busy play at a ten-cent limit instead of the sky-high boundaries of a day gone by; for some one to go to Denver and raid the costume shops, to say nothing of buying the innumerable paddles which must accompany any old-time game of keno. But Sam stayed on—and Fairchild with him—and the loiterers, who would refuse to work at anything else for less than six dollars a day, freely giving their serv-

ices at the pumps and the engines in return for a share of Sam's good will and their names in the papers.

A day more and a day after that. Thru town a new interest spread. The water was now only a few feet high in the shaft; it meant that the whole great opening, together with the drift tunnel, soon would be dewatered to an extent sufficient to permit of exploration. Again the motor cars ground up the narrow roadway. Outside the tunnel the crowds gathered. Fairchild saw Anita Richmond and gritted his teeth at the fact that young Rodaine accompanied her. Farther in the background, narrow eyes watching him closely, was Squint Rodaine. And still farther—

Fairchild gasped as he noticed the figure plodding down the mountain side. He put out a hand, then, seizing the nervous Herbenfelder by the shoulder, whirled him around.

"Look!" he exclaimed. "Look there! Didn't I tell you! Didn't I have a hunch?"

For, coming toward them jauntily, slowly, was a figure in beaming blue, a Fedora on his head now, but with the rest of his wardrobe intact, yellow, bump-toed shoes and all. Some one shouted. Everybody turned. And as they did so, the figure hastened its pace. A moment later, a booming voice sounded, the unmistakable voice of Harry Harkins:

"I sye! What's the matter over there? Did somebody fall in?"

The puffing of gasoline engine

ceased. A moment more and the gurgling cough of the pumps was stilled, while the shouting and laughter of a great crowd sounded thru the hills. A leaping form went forward, Sam Herbenfelder, to seize Harry, to pat him and paw him, as tho in assurance that he really was alive, then to grasp wildly at the ring on his finger. But Harry waved him aside.

"Ain't I paid the installment on it?" he remonstrated. "What's the rumpus?" Fairchild, with Mother Howard, both laughing happily, was just behind Herbenfelder. And behind them was trailing half of Ohadi.

"We thought you were drowned!" "Me?" Harry's laughter boomed again, in a way that was infectious. "Me drowned, just because I let out a 'oller and dropped-my 'at?"

"You did it on purpose?" Sam Herbenfelder shook a scrawny fist under Harry's nose. The big Cornishman waved it aside as one would brush away an obnoxious fly. Then he grinned at the townspeople about him.

"Well," he confessed, "there was an 'n'oly lot of water in there, and I didn't 'ave any money. What else was I to do?"

"You—!" A pumpman had picked up a piece of heavy timbering and thrown it at him in mock ferocity. "Work us to death and then come back and give us the laugh! Where you been at?"

"Center City," confessed Harry cheerily.

"And you knew all the time?" Mother Howard wagged a finger under his nose.

"Well," and the Cornishman chuckled, "I didn't 'ave any money. I 'ad to get that shaft unwatered, didn't I?"

"Get a rail!" Another irate—but laughing—pumpman had come forward. "Think you can pull that on us? Get a rail!"

Anyhow Sam Was Happy

Some one seized a small, dead pine which lay on the ground near by. Others helped to strip it of the scraggly limbs which still clung to it. Harry watched them and chuckled—for he knew that in none was there malice. He had played his joke and won. It was their turn now. Shouting in mock anger, calling for all dire things, from lynchings on down to burnings at the stake, they dragged Harry to the pine tree, threw him astraddle of it, then, with willing hands volunteering on every side, hoisted the tree high above them and started down the mountain side, Sam Herbenfelder trotting in the rear and forgetting his anger in the joyful knowledge that his ring was safe.

Behind the throng of men with their mock threats trailed the women and children, some throwing pine cones at the booming Harry, juggling himself

on the narrow pole; and in the crowd, Fairchild found some one he could watch with more than ordinary interest—Anita Richmond, trudging along with the rest, apparently remonstrating with the sullen, mean-visaged young man at her side. Instinctively Fairchild knew that young Rodaine was not pleased with the return of Harkins. As for the father—

Fairchild whirled at a voice by his side and looked straight into the crooked eyes of Thornton Fairchild's enemy. The blue-white scar had turned almost black now, the eyes were red from swollen, blood-stained veins, the evil, thin, crooked lips were working in sullen fury. They were practically alone at the mouth of the mine, Fairchild with a laugh dying on his lips, Rodaine with all the hate and anger and futile malice that a human being can know typified in his scarred, hawklike features. A thin, taloned hand came upward, to double, leaving one bony, curved finger extending in emphasis of the words which streamed from the slit of a mouth:

"Funny, weren't you? Played your cheap jokes and got away with 'em. But everybody ain't like them fools!" he pointed to the crowd just rounding the rocks, Harry bobbing in the foreground. "There's some that remember—and I'm one of 'em. You've put over your fake; You've had your laugh; you've framed it so I'll be the butt of every numskull in Ohadi. But just listen to this—just listen to this!" he repeated, the harsh voice taking on a tone that was almost a screech. "There's another time coming—and that time's going to be mine!"

And before Fairchild could retort, he had turned and was scrambling down the mountain side.

Into a Mining Costume

It was just as well. Fairchild could have said nothing that would have helped matters. He could have done nothing that would have damaged them. The cards were still the same; the deck still bore its markings, and the deal was going on without ever a change, except that now the matter of concealment of enmities had turned to an open, aboveboard proposition. Whether Harry had so intended it or not, he had forced Squint Rodaine to show his hand, and whether Squint realized it; that amounted to something. Fairchild was almost grateful for the fact as he went back into the tunnel, spun the flywheels of the gasoline engines and started them revolving again, that the last of the water might be drained from the shaft before the pumps must be returned to their owners.

Several hours passed, then Harry returned, minus his gorgeous clothing and his diamond ring, dressed in mining costume now, with high leather

(Continued on Page 13)

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Jayhawker's Farm Notes

Corn Cutting is Still in Progress and Probably Will Not be Finished for Several Days

BY HARLEY HATCH

SINCE the publication of our last issue of the Kansas Farmer nearly 1 inch of rain has fallen in this locality. It came too late, however, to help any crop but it cooled the air and will hold the corn a little longer so that it will not all have to be cut at once.

On this farm we have 14 acres of corn yet to cut; we already have as much cut as we used last year but we will have 10 more head of cattle to winter. In addition we figure that some of these times we are going to have a winter which will take more feed than the last two have required; it may be a cold winter or it may be a wet one; we have had neither for a number of years and according to the law of averages, one is about due. Of the two, I believe that a wet winter takes more feed than a cold one; we might have a winter both wet and cold but that seldom happens; a winter with lots of moisture may be uncomfortable but it is seldom very cold.

Good Apple Crop Expected

In our young orchard we have some 24 trees bearing this year. There are four varieties, Jonathan, Grimes Golden, Delicious and Stayman Winesap. The first three varieties are classed as winter apples but in this latitude they are late fall varieties but will keep in good condition until about the first of the year. Of these apples our Jonathan trees have double the amount of any of the others with the exception of one Stayman tree.

An upland orchard in this soil and climate is not long lived but by keeping it in good fertility and keeping the weeds down we hope to have it live for 20 years. This is about the age the first orchards set by early settlers lived to be altho some growing on favorable soil locations lived longer. But now we have many tree diseases and insect pests which did not trouble the first orchards and I know that if we get our trees to live for 20 years we will have to keep spraying.

Classified Ads Bring Many Buyers

Many letters have been received lately from persons wishing to buy or

sell various products of the farm and they ask help in finding customers. We are always willing to do this when it does not take too much time but we know by experience that the classified columns of this paper cannot be beaten as a sales medium. It will save time and bring customers much quicker if the person wishing to buy or sell will insert a small advertisement on the classified page.

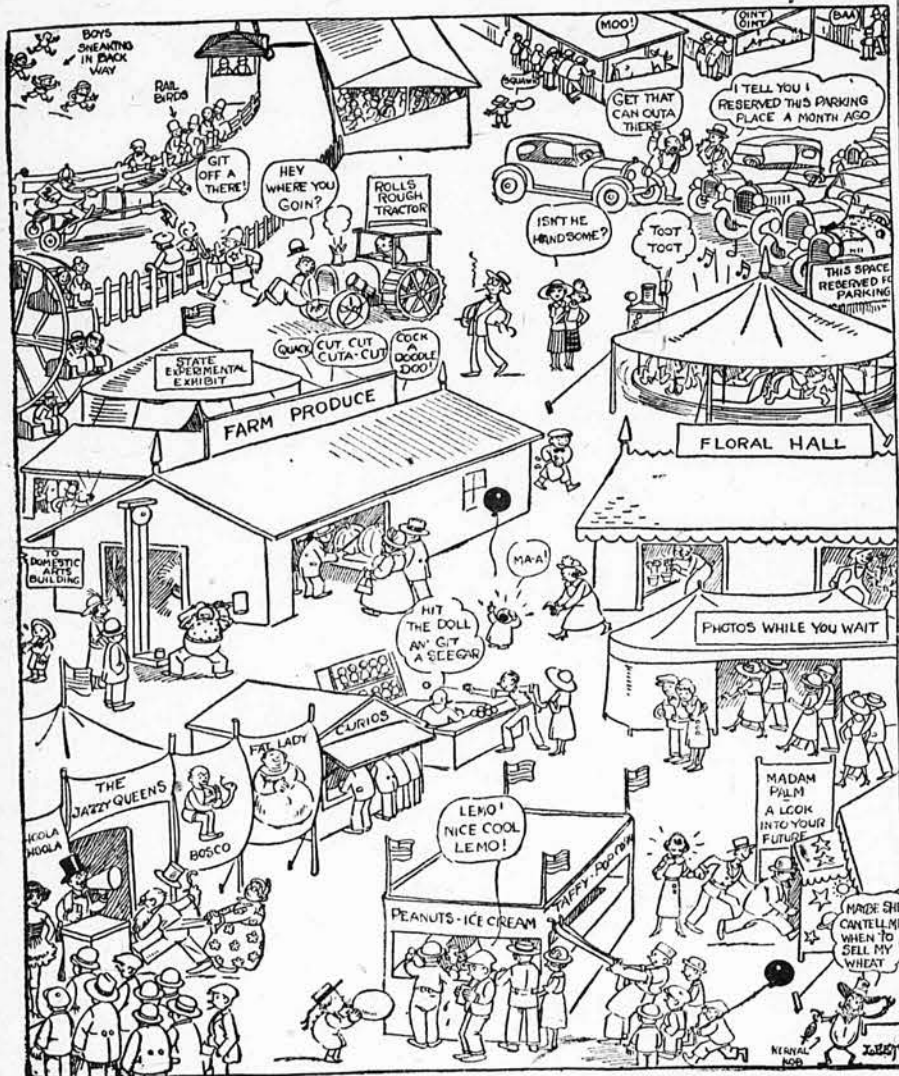
This especially holds good for all kinds of seeds in season and for fruit of all kinds. I cannot give addresses in this column or quote prices in connection; the place for that is in the advertising columns. All inquiries, however, regarding such matters as are addressed to me for personal answer will be answered to the best of my ability if postage is enclosed for the reply.

Crab Grass for Hay

We sowed 20 acres of alfalfa last spring. A good stand resulted but in June a heavy growth of crab and water grass came up. The alfalfa kept along with it and we did not mow it as we knew if we did the alfalfa would be crowded out; the mowing would thicken the grass and choke out the alfalfa. This week we mowed 15 acres of this and find about 15 tons of crab and water grass hay.

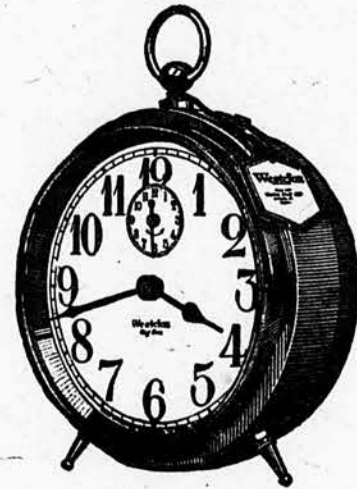
The alfalfa is still there but the stalks had been stripped of leaves by grasshoppers. Since the rain this alfalfa, which seems to be well rooted, is starting from the bottom so we hope it is yet all right. One field was nearly free from grasshoppers and here the alfalfa looks well. Since we have been doing so much fall plowing here we seem to have cleaned out the foxtail to a great extent but the crabgrass is yet with us. This grass makes good hay, however, and feeds well to cattle to help out the prairie hay. Most feeders think crabgrass hay has more value than prairie hay but cattle like a change and relish both better than any one kind.

If you find that you are always tempted into eating too much of a thing, leave it off the table.



A Sparrow's Impression of the County Fair

Westclox



A Standard Timekeeper

WHEN you buy a machine to do some of your farm work, you feel lots more confident of the one that bears a name or mark that is standard.

is a good thing to choose one that is standard.

Most people look for the name Westclox on the dial and tag of the alarm clock or watch they buy.

When you buy a timepiece to regulate all the farm work and get the children off for school it

Clocks, like other things, have to earn their reputations by satisfactory performance.

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Quick delivery from your local dealer on American Fence and Steel Fence Posts.

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Farm Organization Notes

International Wheat Show at Wichita Names September 26 as Wheat Growers' Day

BY JOHN W. WILKINSON

EVERYTHING is in readiness for the opening of the International Wheat Show which will be held in Wichita, Kan., from September 24 to October 6. One of the big events of the week will be a special program on September 26 when an imposing array of speakers will discuss a number of farm subjects under the auspices of the Kansas Wheat Growers' Association.

Among those who have been invited to participate in the program on that occasion are the following:

Gray Silver, special representative of the American Farm Bureau Federation at Washington, D. C.; Senator Arthur Capper of Topeka, Kan.; Walton Peteet, of Chicago, Ill.; E. E. Erizell of Larned, Kan.; Carl Williams, president of the Oklahoma Cotton Growers' Association, Oklahoma City, Okla.; J. A. Whitehurst, president of the Oklahoma State Board of Agriculture, Oklahoma City, Okla.; J. C. Mohler, president of the Kansas State Board of Agriculture, Topeka, Kan.; George C. Jewett, general sales manager of the American Wheat Growers' Association, Chicago, Ill.; Judge L. Gough, president of the Texas Wheat Growers' Association, Amarillo, Tex.; Mack Cretcher of Topeka, Kan.; Prof. G. J. Elling of the Kansas State Agricultural College, Manhattan, Kan.; and Prof. Harry Umberger, dean of the extension department of the Kansas State Agricultural College, Manhattan, Kan.

The International Wheat Show will be the chief agricultural event of the Southwest and a large attendance is expected. Wichita is doing everything possible to make the show a success. Besides exhibits of agricultural and industrial progress there will be plenty of high grade entertainments and other features. Hugh McVey of Wichita is president and Horace Ensign of Wichita is secretary.

Southwestern Business Congress

Plans are being worked out for the Southwestern Business Congress which will give it even a greater program than last year's congress. This year the big Southwestern Business Congress is holding its sessions during the week of the International Petroleum Exposition, October 8 to October 14. Elaborate parades, pageants, and notable receptions will feature the week's entertainment, drawing many thousands of the leading citizens of the Southwest to Tulsa.

The purpose of the Southwestern Business Congress is to bring together the leaders of the country in agriculture, commerce, industry, and public affairs; to have the great fundamental problems affecting the major lines of industry presented by recognized national authorities for the benefit of the business interests of the Southwest; to provide group meetings of the main lines of agriculture, business, and industry under the leadership of the ablest men available for the intimate discussion of the problems affecting the progress and welfare of their particular fields of business, and to develop the proper ideals and leadership to guide the progress of the great Southwest in the future.

Wheat Council's Ambitious Program

The Wheat Council of the United States organized according to a resolution of the National Wheat Conference in Chicago, June 20, 1923 hopes to be of service to the wheat growers of the Nation and has mapped out a somewhat ambitious program.

The officers of the National Wheat Council as at present constituted are as follows: Sydney J. Anderson, president; Harvey J. Sconce, vice president; O. E. Bradfute, treasurer; Grosvenor Dawe, executive vice president; C. E. Chatfield, secretary.

Some of the objects the organization has in mind are the following: To advance the interests of the producer; to approximate a balance control between domestic production and consumption so as to bring the control of domestic prices of wheat within the United States; to promote the general welfare of the producer by bringing about more efficient and effective mar-

keting systems; to increase the consumption of wheat and wheat products; and to perform the function of a clearing house in the field of advertising, publicity and general business endeavors necessary to insure stable markets and satisfactory prices. Headquarters of the National Wheat Council are maintained in Room 1626, Chicago Temple Building, 77 West Washington Street, Chicago, Ill.

Runs a Bread and Butter Farm

(Continued from Page 3)

early November. Such pigs are growthy, thrifty and ready to make rapid gains on full feed. Salmans gives them a grain ration of ground

kafir and barley. These grains are mixed into a slop with water or skim-milk. The pigs in two and a half to three months reach 200 to 250 pounds and are marketed.

This system is somewhat slower than that followed by many hog men, but it is a safe one for that section of Kansas. By carrying them thru summer on pasture, Salmans gets some return from cheap pasture which would not be marketable in any other way. He carries them thru the period of high grain prices and fattens them out when grain is cheap. If his own grain crop should fail, he has an opportunity to sell them as feeders to cornbelt farmers and still make pretty good money for having grown them out. His method is essentially the same as that recommended by Dr. C. W. McCampbell, head of the Kansas State Agricultural College animal husbandry department, for raising hogs in that section of the state.

Banks lent 2 million dollars to boy and girl club members in the United States last year. And both banks and youngsters gained thereby.



Burns

DRIVE out the fire and pain instantly with Gombault's Balsam. Prevents infection and promotes quick healing.

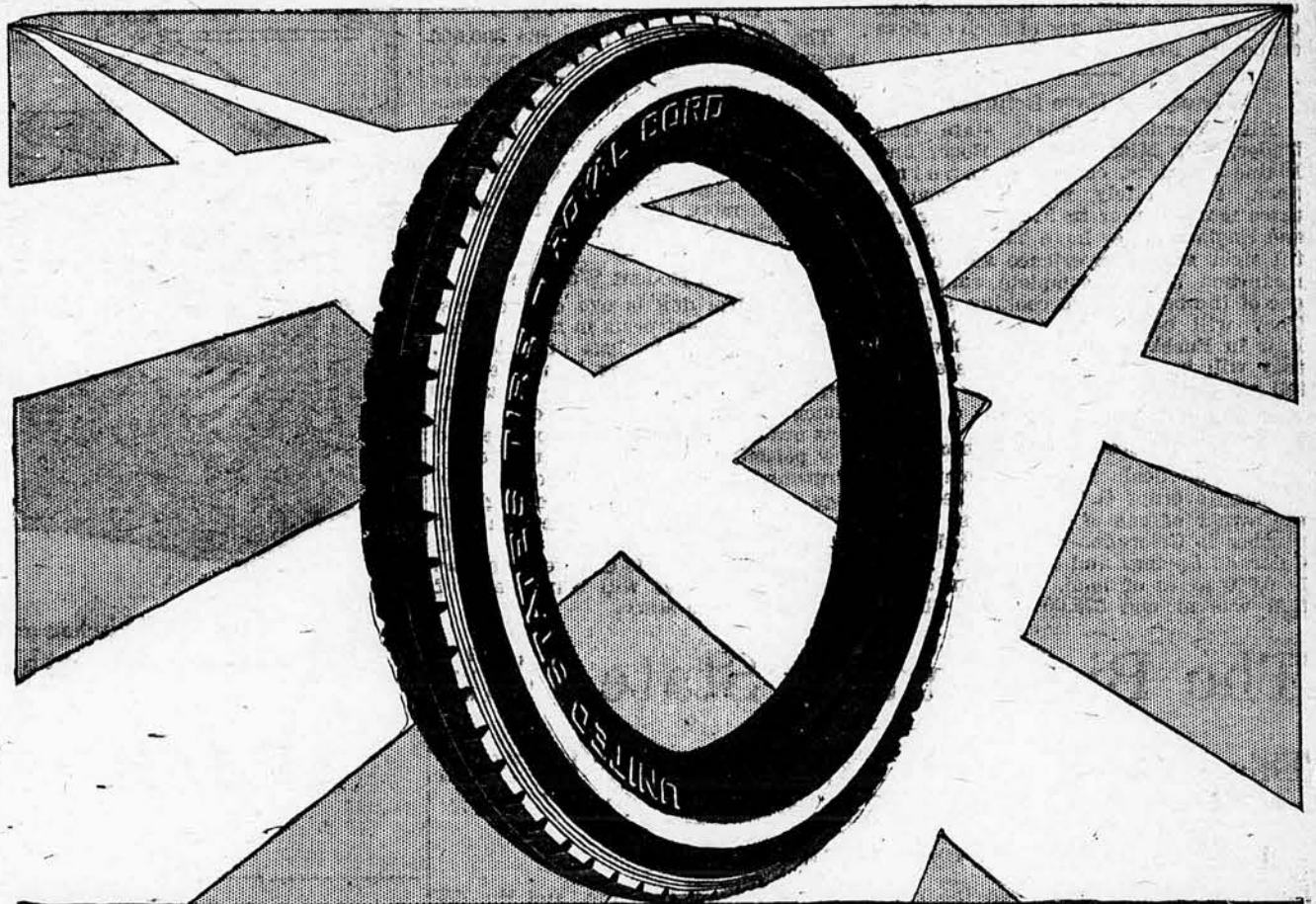
Used for over forty years for burns, bruises, cuts, sprains and strains, bronchial and chest colds, muscular and inflammatory rheumatism, sciatica and lumbago. A wonderful relief.

At your druggist or prepaid direct for \$1.50. Very economical, a little kills a lot of pain. The Lawrence-Williams Company, Cleveland, Ohio.

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HEALING and ANTISEPTIC

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



Why the Royal Cord man is the busiest tire dealer in town

ROYAL CORDS came out this year with three new advantages.

These are the three new U.S. Rubber discoveries:

Flat Band Process — ensuring the positive length, angle and strength of each cord.

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These discoveries have been

put to the test by thousands of car owners.

They are showing a practical money's worth that no one can question—and everybody is talking about it.

So there are many new customers coming in to the Royal Cord dealer—and his old friendships are stronger than ever.

United States Tires are Good Tires

NOTE TO LIGHT CAR OWNERS—The three U. S. Discoveries apply to Royal Cords in all sizes from 30 x 3 1/2 inch up.

U. S. Royal Cord Tires
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Colorado Farm News

Farmers Expect the Bean Crop of the State to Yield at Least 1,486,000 Bushels

BY E. J. LEONARD

PRESENT indications are that Colorado will have the largest bean crop in the history of the state. The estimate places the yield at 1,486,000 bushels which is about three times the amount harvested in 1922.

Don't Want Tariff Nullified

The Denver Livestock Exchange has sent a long protest to the United States Tariff Commission against the proposal of the American Farm Bureau Federation to nullify the tariff on cattle shipped from Canada. Feeders in the corn belt are seeking cheaper feeding cattle. Removal of the tariff will cause an increased number to be imported from Canada. The move to change the tariff according to Leslie E. Green, secretary of the Denver Exchange, "will be ruinous and disastrous to the entire Western range country and the danger of such a move cannot be overestimated."

Champions Have Returned

Miss Maude Sheridan, state club leader, with Misses Bertha Boger and Elaine Heuricks, champion canning team, have lately returned from a three months' tour in France, Belgium and England. They have had a wonderful sight seeing experience and in the meantime took a complete course in one of the best French cooking schools. They will be at the Colorado State Fair in Pueblo September 24-29 where they will have an interesting story to tell all who choose to go.

A Big Holstein Herd Coming

Thru a deal recently completed former Governor O. H. Shoup becomes the owner of one of the largest dairy ranches in Colorado. It is located near Colorado Springs and consists of nearly 6,000 acres of land. The consideration was around \$75,000. Mr. Shoup

plans to stock the place with the best registered Holsteins obtainable. He expects to have 200 milkers in the herd and about 300 young cattle. Mr. Shoup has long been identified with the purebred livestock industry. He is one of the chief owners of the Brauer Purebred Duroc farms, south of the city. This is one of the leading registered swine establishments of the country.

Lamb Feeding Prospects

Sheep feeders of Northern Colorado are now contracting heavily for feeder lambs. Most of them are costing about \$10 a hundredweight. With a heavy hay and beet crop conditions look bright for feeding during the coming months.

Big Increase in Wool

The 1923 wool clip from the 800,000 sheep in Colorado is the largest on record. According to present estimates the yield is set at 8,544,000 pounds compared with 6,839,000 pounds in 1922. Weld and Rio Grande counties lead in wool production this year. With the prevailing high prices, the sheep men feel much more prosperous than farmers in other lines of farming.

Modern Rodent Warfare

The prairie dog is one of the most destructive rodent pests in many of the newer developed sections of Colorado. Poisoned oats has long been the bait which has caused great casualties among them. Methods of rodent warfare are becoming more up-to-date and now poison gas is pumped into the underground homes of these pests. The dogs are said to be wise enough to leave the oats alone in some localities but generally this method has been very successful. It is believed that the cyanide gas fumes will leave none of them to tell the story.

The Big Kansas State Fair

This Wonderful Farm-Exposition Will be Held in Hutchinson, September 15-21

BY JOHN W. SAMUELS

TWENTY-three years ago the people of Hutchinson and Western Kansas began the building of a fair. All the net proceeds were expended to make the fair bigger and better as the years went by. Its influence and reputation spread far beyond the confines of Kansas with the result that it grew to the proportions of a state institution. Annually the people were better pleased because the fair was better than the preceding one. It was a clean, wholesome, educational and entertaining event that obviously aided in the material and social development of the state.

Steady Growth for 10 Years

Ten years ago the legislature of Kansas passed the Kansas State Fair act which established the Kansas State Fair and placed its management and control in the Kansas State Board of Agriculture which was authorized to select four of its members who, together with the secretary of the Kansas State Horticultural Society should act as the board of managers. Under this control this fair has continued to prosper and grow.

The grounds comprise 110 acres, located in the north part of the city of Hutchinson. Since the state has owned these grounds they have increased much in value and, now, they, together with the improvements are valued conservatively at \$325,000.

It is the "State Institution of Practical Education." It is an inspiration to the young and a contentment to the old. "Seeing is believing," and the Kansas State Fair teaches by actual, visual objects—by which method people learn more and faster than in any other way. It has become so popular and its worth is so generally recognized that tens of thousands of citizens

only need know the date, and the desire to attend and enjoy it is firmly fixed.

The Kansas State Fair of 1923 will contain the usual fixed features; but there are new and novel attractions added which will increase the pleasure and benefits to all in attendance. It opens September 15 and will continue until September 21 and present indications are that there will be a record attendance. The educational as well as the entertainment program of the Kansas State Fair this year in Hutchinson is so well balanced that there is something for everyone—even for the baby. For Dad and the boys there will be livestock shows, free camp space, big displays of farm machinery, automobiles and appliances, as well as judging contests, demonstrations, radio exhibitions and scores of other features. About \$40,000 in prizes will be offered in the various departments of this big exposition.

Novel Attractions for Women

For Mother and the girls, there will be style shows, lectures, demonstrations on cooking, and sewing, art exhibits, flowers, china painting, fancy work. For everybody, lots of entertainment including auto races, motorcycle races, horse races, fireworks, band concerts, auto polo, circus acts, saxophone band, shows of all kinds, parades and everything of interest. Remember the dates. Good roads lead to Hutchinson from all parts of the state.

The Kansas State Fair at Hutchinson starts Saturday, September 15, with a big program of entertainment including motorcycle races and exhibition by the Second Regiment United States Cavalry and there will not be a dull moment from start to finish.



"Standard" kitchen sinks "yard stick high" provide comfort and prevent backstrain. How high is yours?

Write for Catalogue

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The Cross-Cut

(Continued from Page 9)

boots into which his trousers were tucked, and carrying a carbide lantern. Dolefully he looked at the vacant finger where once a diamond had sparkled. Then he chuckled.

"Sam took it back," he announced. "And I took part of the money and paid it out for rent on these pumps. We can keep 'em as long as we want 'em. It's only costing about a fourth of what it might of. Drowning's worth something," he laughed again. Fairchild joined him, then sobered.

"It brought Rodaine out of the bushes," he said. "Squint threatened us after they'd hauled you down town on the rail."

Harry winked jovially. "Ain't it just what I expected? It's better that wye than to 'ave 'im snoopin' around. When I come up to the mine, 'e was right behind me. I knew it. And I'd figured on it. So I just gave 'im something to get excited about. It wasn't a minute after I'd thrown a rock and my 'at in there and let out a yell that he came thumping in, looking around. I was 'iding back of the timbers there. Out 'e went, muttering to 'imself, and I—well, I went to Center City and read the papers."

They chuckled together then; it was something to know that they had not only forced Squint Rodaine to show his enmity openly, but it was something more to make him the instrument of helping them with their work. The pumps were going steadily now, and a dirty stream of water was flowing down the ditch that had been made at one side of the small tram track. Harry looked down the hole, stared intently at nothing, then turned to the rusty hoist.

A Red Face

"Ere's the thing we've got to fix up now. This 'ere chiv wheel's all out of gear."

"What makes your face so red?" Fairchild asked the question as the be-mustached visage of Harry came nearer to the carbide. Harry looked up.

"Mother 'Oward almost slapped it off!" came his rueful answer. "For not telling 'er what I was going to do, and letting 'er think I got drowned. But 'ow was I to know?"

He went to tinkering with the big chiv wheel then, supported on its heavy timbers, and over which the cable must pass to allow the skip to travel on its rails down the shaft. Fairchild absently examined the engines and pumps, supplying water to the radiators and filling an oil cup or two. Then he turned swiftly, voicing that which was uppermost in his mind.

"When you were here before, Harry, did you know a Judge Richmond?"

"Yeh." Harry pawed his mustache and made a greasy, black mark on his face. "But I don't think I want to know him now."

"Why not?" " 'E's mixed up with the Rodaines."

"How much?" "They own 'im—that's all." There was silence for a moment. It had been something which Fairchild had not expected. If the Rodaines owned Judge Richmond, how far did that ownership extend? After a long time, he forced himself to a statement. "I know his daughter."

"You?" Harry straightened. "'Ow so?"

"She sold me a ticket to a dance," Fairchild carefully forgot the earlier meeting. "Then we've happened to meet several times after that. She said that her father had told her about me—it seems he used to be a friend of my own father."

Harry nodded. "So 'e was. And a good friend. But that was before things 'appened—like they've 'appened in the last ten years. Not that I know about it of my own knowledge. But Mother 'Oward—she knows a lot."

"But what's caused the change? What—?"

Harry's intent gaze stopped him. "'Ow many times 'ave you seen the girl when she wasn't with young Rodaine?"

"Very few, that's true."

"And 'ow many times 'ave you seen Judge Richmond?"

"I haven't ever seen him."

"You won't—if Mother 'Oward knows anything. 'E ain't able to get

out. 'E's sick—apoplexy—a stroke. Rodaine's taken advantage of it."

"How?" " 'Ow does anybody take advantage of somebody that's sick? 'Ow does anybody get a 'old on a person? Thru money! Judge Richmond 'ad a lot of it. Then 'e got sick. Rodaine, 'e got 'old of that money. Now Judge Richmond 'as to ask 'im for every penny he gets—and 'e does what Rodaine says."

"But a judge—"

Judge Richmond Was Ill

"Judges is just like anybody else when they're bedridden and only 'arf their faculties working. The girl, so Mother 'Oward tells me, is about twenty now. That made 'er just a little kid, and motherless, when Rodaine got in 'is work. She ain't got a thing to sye. And she loves 'er father. Suppose," Harry waved a hand, "that you loved somebody awful strong, and suppose that person was under a influence? Suppose it meant 'is 'appiness and 'is 'ealth for you to do like 'e wanted you? Wouldn't you go with a man? What's more, if 'e don't die pretty soon, you'll see a wedding!"

"You mean—?" "She'll be Mrs. Maurice Rodaine. She loves 'er father enough to do it—after 'er will's broken. And I don't care 'oo it is; there ain't a woman in the world that's got the strength to keep on saying no to a sick father!"

Again Robert Fairchild filled an oil

cup, again he tinkered about the pumps. Then he straightened.

"How are we going to work this mine?" he asked shortly. Harry stared at him.

" 'Ow should I know? You own it!" "I don't mean that way. We were fifty-fifty from the minute you showed up. There never has been any other thought in my mind—"

"Fifty-fifty? You're making me a bloated capitalist!"

"I hope I will. Or rather, I hope that you'll make such a thing possible for both of us. But I was talking about something else; are we going to work hard and fight it out day and night for awhile until we can get things going, or are we just going at it by easy stages?"

"Suppose," answered Harry after a communication with his magic mustache, "that we go dye and night 'til we get the water out? It won't be long. Then we'll 'ave to work together. You'll need my vast store of learning and enlightenment!" he grinned.

"Good. But the pumping will last thru tomorrow night. Can you take the night trick?"

"Sure. But why?"

"I want to go to that dance!" (TO BE CONTINUED)

Another of the myriad uses of kerosene is to "help" the soot off wood-work.

The plug horse is as much out of place on the farm as the plug hat.

You'll Like 'Em! —and you get a year's wear—or more—for only 75c.



No rubber! Just continuous easy stretch from Phosphor Bronze Springs;—and the slip-loop back gives added comfort. Try them! You'll wonder why you haven't worn them before. Look for the name "Nu-Way" and Year's Wear Guarantee attached to every pair.



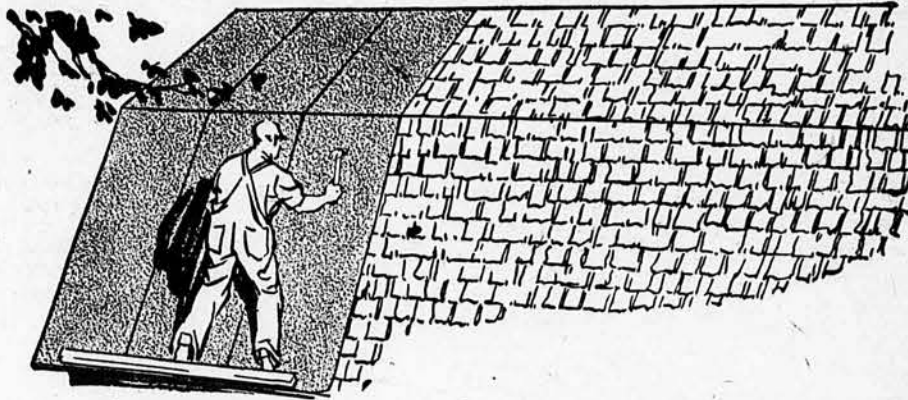
Ask your dealer for Nu-Way Stretch Suspenders. 75c; Garters, 50c; Supporters, 25c. If he hasn't them, send direct, giving dealer's name.

A Full Year's Wear Guaranteed in Every Pair!

THIS WATCH RING AND CHAIN GIVEN

Beautiful Nickel watch. Keeps perfect time. Steam wind and set. Five yr. guarantee. Sell only twelve boxes of famous Mentho-Nova Sars at twenty-five cents a box to help us advertise and this splendid watch is yours. Don't delay. Send name and address to-day—be first to earn this and other wonderful awards in our premium list. Send no money, we trust you. U. S. Supply Co., Dept. BS-6, Greenville, Pa.

Put a new roof over the old Use Vulcanite jumbo weight roofing



Lasts twice as long because 50% thicker

Are you wasting time and money trying to keep an old roof in repair? It is easier and more economical in the end to put a new Beaver Vulcanite Jumbo Weight Roof right over the old. This saves the expense, labor and dirt of tearing off and disposing of the old shingles. Besides, your new roof will be warmer in winter and cooler in summer.

To establish once and for all the strength, toughness and durability of Beaver Vulcanite Jumbo Weight Roofing, we boldly suggest the severe tests outlined at the left. Beaver Vulcanite stands unmatched and supreme under every test, because it is 50% thicker—contains 50% more felt and 50% more asphalt—lasts twice as long as ordinary roofing. Due to triple saturation, under pressure, by the famous Glendinning

Process, there are positively no porous spots to admit moisture and start rotting. It is made only of tough, elastic, genuine Mexican asphalt and live, long-fiber, pure rag felt. Contains no cheap pitch, tar, ground rock, straw or other adulterants.

Beaver Vulcanite Roofing is handsome in appearance; is inexpensive to lay; never melts, dries, warps or curls in winter; resists fire and often cuts insurance costs; is unaffected by coal or chlorine gas, acid or ammonia fumes. It is surfaced with handsome non-fading, non-absorbent, permanently-embedded, pure crushed slate. Make the six daring tests and prove Beaver Vulcanite quality for yourself. Insist on seeing the Beaver trade mark and the Vulcanite label.



Mail coupon for samples and booklet FREE

Get the free samples and test Beaver Vulcanite Roofing for yourself. Also get booklet showing the complete Beaver Vulcanite Line. Included are Hexagon, Double-tite, Self-Spacing and ordinary slab and individual shingles. Also roll roofing in smooth and corrugated finishes, surfaced with mica, talc, sand, and red, green or blue-black crushed slate. Send the coupon now.

The Beaver Products Company, Inc. 49th and Oakley Ave. Chicago, Ill. 12th and Crystal Sts. Kansas City, Mo.

BEAVER VULCANITE JUMBO WEIGHT ROOFING

The Beaver Products Company, Inc. Dept. D

Gentlemen: Please send free samples of Beaver Vulcanite Jumbo Weight Roofing for inspection and testing. Also send book describing the complete Beaver Vulcanite Line.

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Town _____

State _____ R. F. D. _____

Buildings to be roofed _____

- HEAT TEST**
1 Lay a sample of Vulcanite Slate Surfaced Roofing on a hot radiator for 12 hours—see if it will melt, dry out, warp or curl.
- ICE TEST**
2 Now, lay the sample on ice for 12 hours, then pour boiling water over it—see if the extreme and sudden changes of temperature will affect its tough pliability.
- WATER TEST**
3 Soak the sample in water for 12 hours—see if, by weight, it will absorb any water.
- ACID TEST**
4 Immerse the sample in muriatic acid—see if it is affected in any way.
- FIRE TEST**
5 Lay a burning ember on the sample—see if it will set it on fire.
- "SCUFF" TEST**
6 Lay sample on the floor; scuff it hard with your shoe—see how little of the slate surfacing will come off.

These daring tests prove that Beaver Vulcanite will stand up under every test. Send the coupon for free samples and test it for yourself.

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

It is Time to Fly to the Task of Renovating Winter Clothing

COOL autumn days always bring a new task for the housewife, that of providing warmer clothing for the family. This may mean buying new garments but more often it means getting out last season's suits and dresses and airing, mending, cleaning and pressing them.

After being thoroly aired, woolen garments which do not require mending or altering can usually be made ready to wear by sponging and pressing carefully. Using a clean, soft, lintless cloth, a sponge, or a piece of the material itself, apply the sponging liquid with light, even strokes in the direction of the nap or the weave of the goods, using only a little moisture at a time. If the garment is merely wrinkled clear water will do for the



Tears and Worn Places Should be Mended

sponging liquid, but if it is soiled with grease or dirt use a mild soap or soap bark dissolved in water followed by clear water.

Where woolen materials have worn shiny a sponging liquid of 1 tablespoon of ammonia to 1 quart of water, then clear water is best. Press with a medium-hot iron until only partly dry and then brush vigorously with a stiff brush and the shine will disappear.

In pressing woollens after sponging cover with a dry muslin cloth and press with a hot iron. Move the iron slowly back and forth continually. Do not let it rest long enough in one spot to leave its imprint on the cloth. If this happens that particular part of the garment will need to be dampened and pressed again. If the material is very heavy and is not thoroly dry when the pressing cloth is removed, press it on the wrong side until dry. Woollens should never be pressed directly on the right side as a shiny surface will result.

Removing Water Spots

Water spots on a woolen garment may be removed by steaming. One of the special steam spreaders which fit on the spout of a teakettle may be used, or very hot water placed in a tub or bowl. Put the garment on a hanger, hold over the steam, then hang it up to dry.

Woollens that are badly soiled may be washed in lukewarm water and mild soap if one is sure the color is fast. It usually is more satisfactory, however, to dry-clean them by using gasoline or benzine. Because gasoline and benzine explode so easily they must be used out-of-doors, in the shade, away from flame or fire. Immerse the garment in the cleaning agent and with the fingers lightly rub the spots which have been previously marked with white thread. Rinse in clean liquid, changing it until it remains clear.

Powder cleaning is especially good for collars or other parts which show soil before the rest of the garment.

French chalk or magnesia, fuller's earth, cornmeal or sawdust are all good. Spread the powder, which has been warmed, on the material and rub it in with the hands or a brush and let it remain several hours. Renew the powder as it becomes soiled, and if one treatment is not enough, cover again with warm powder and let it stand over night. Brush the garment thoroly so as to remove all the powder.

Small tears and holes in woolen garments will not be noticed if mended carefully. Because darning is not so bulky it is usually preferable to patching for woolen materials. It will be very inconspicuous if a raveling of the material is used for thread. Darn on the wrong side using a short, loose running stitch. Join the edges of the tear neatly together by passing over and under them in the alternate rows of sewing.

Where there is a large hole or worn place it is usually best to place a patch underneath and darn the edges down over it. If the material is figured or has a nap the patch should be matched exactly. Darn over the raw edges on the right side without turning them under and do not carry the running stitches across the patch if it is a large one. Sew the edges of the patch on the wrong side down with long hemming stitches. Whether darning or patching is used a careful pressing afterward is needed to add the finishing touch to the work.

Mrs. Stella Nash Smith.

Recreation for Young People

With the opening of school no question is of more vital importance than that of recreation for the boy and girl of the 'teen age.

Many a school has been demoralized and many a teacher rated a failure, because the patrons of the school did not realize that the school's success depended as much or more upon how the pupils spent the hours from 4 p. m. until 9 a. m. as upon the qualifications of the teacher.

No teacher can interest a boy or girl who comes to school in the morning stupid from loss of sleep and grouchy from a disorganized stomach caused by a misconceived idea of a good time the night before. Such a pupil saps the energy of the teacher, robs other pupils of their just share of attention and lowers the tone of the whole school.

Recreation Means to Re-create

Good times are a part of the heritage of youth, but there is a vast difference between a good time taken at the proper time and in a manner that leaves us better fitted for the work we have to do, and the so-called good time, taken at unseemly hours, that leaves the body tired and worn and the brain dull and inert. Recreation means to re-create. It should re-create the body by bringing into play new muscles, and should stimulate the mind by developing new faculties. It should rest, not weary, both body and mind.

Boys and girls of the 'teen age resent much supervision but are very amenable to leadership. They will join wholeheartedly in doing what they have had a share in planning, hence the successful leader plays with youth. Parents who are able to control the recreation of their children are the ones who have an understanding heart, who can remember the days of their own youth and who are not too dignified to dance with daughter or play ball with son.

Parents Should Join in Fun

There are certain fundamentals upon which I believe all the parents of a community should agree at the beginning of a school year. First, every boy and girl should be in bed by 10 o'clock during the school week and parties and entertainments should be held on Friday and Saturday nights.

Second, the homes of the community and the school house should be open for community gatherings and the parents should be there with the boys and girls, not to place themselves on a pedestal and to groan and lament "What will become of our young people?" but to join with them in having an uproariously good time.

Lola Clark Pearson.

What to Have for Supper

What to have for supper sometimes is a puzzling question in all of our kitchens. This is especially true when the supply of left-overs from dinner was smaller than we had planned. Have you tried these cheese cakes or savory rice? They are favorite stand-bys in my household.

Cheese Fritters

1 cup grated cheese 1 teaspoon baking powder
2 cups cornmeal 4 tablespoons flour
1 mush ¼ teaspoons salt
1 egg

Make the mush, salting it to suit the taste, and add to it the flour, baking powder and salt sifted together. Stir in the cheese and beaten egg. Drop by spoonfuls on a hot griddle and brown on both sides. Serve with a fruit butter or sirup.

Savory Rice

2 tablespoons bacon 3 cups boiled rice
fat 2 cups tomatoes
1 chopped onion ½ cup cheese
1 chopped green pepper Salt
pepper Pepper

Melt the fat and add the onion and pepper, cooking until they are tender. Add the rice, tomatoes and seasonings and place in an oiled casserole. Sprinkle the cheese over the top, having this cut in thin slices instead of being grated. Place the lid on the casserole and bake until the cheese melts.

Nell B. Nichols.

Vacationing in Many Climes

Everyone seems to be or to have been vacationing—that is, everyone except me. My neighbors just have returned from the Ozarks; last week relatives started to California; yesterday some Oklahoma friends, who were driving to Minnesota, stopped for a few minutes' visit; today another friend writes from Colorado of his trip; still another tells me of catching big fish at a lake resort near Toronto, and so it goes. Really, I believe the vacation fever is more catching than measles.

People who know say there are more tourists passing thru our little town this year than ever before, and it is the same in other towns and states. Every sort of car, from the luxuriant big limousine with its colored chauffeur and smartly dressed passengers to the little old topless two seater—which reminds one of a horseless spring wagon—may be seen on our street nearly every day. Everything that has four wheels—sometimes it is only two—and will go, has been hauled out. Pa, ma and the youngsters have piled in and off they have started—the slogan evidently being, "We don't care where or how we're goin' but we are on our way."

Vacationing in Spirit

Perhaps you too are one of the stay-at-homes. If so, I wonder if there sometimes comes a tiny longing to be one of "the rest of the world going by." I will admit that I would like to see the lakes, the mountains, the ocean and many other interesting and wonderful places these travelers have seen and are seeing; but when I count up all its advantages, I discover that my little corner has been a pretty fine summer resort. In fact, I believe I am luckier than some of my tourist friends for I have not heard even one mosquito, felt one tiny chigger or eaten a single ant in any of my food this year; and yet cooled by the breeze of an electric fan, which can easily be imagined a sea or a mountain breeze, I have been vaca-

tioning in many climes. I have sailed down the beautiful Hudson, I have felt the dashing spray of Niagara, I have dipped in the surf at Ocean Beach, I have climbed the snow capped mountains of Colorado, I have reveled in the coolness of the northern lakes, I have explored the deep caves of the Ozarks, and I have stood beneath the mighty trees of Yosemite—all in spirit, mind you, but there is lots of fun in playing make-believe if you only know the secret.

Irene Judy.

Rest Rooms Worth While

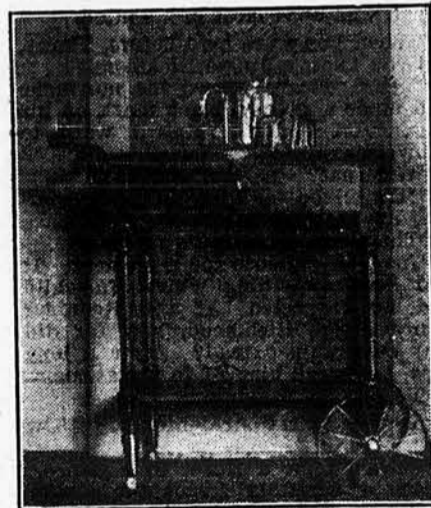
How many people are benefited by a county rest room? Is it worth while to establish and maintain such a room out of local funds? The rest room at Torrington, Conn., according to a report received by the United States Department of Agriculture, is being used by a great many people all the time. Altho only organized a year ago, one register has been completely filled with over 2,000 signatures from 40 different communities. Visitors from out of the state are not counted. Only four towns, in the southwestern section of the county, lack representation.

County sales were held in this rest room both last year and this year. Many people who have no opportunity to earn money, and in particular young women and girls out of high school, make excellent things, but have no market for them. The rest room committee has managed two sales of home products for their benefit.

A Homemade Step Saver

You'd never think to look at this tea cart that it had a history. But it has, and an interesting one, too. An old washstand, a picture frame and wheels from an old baby buggy are all assembled therein.

The cart is a part of the dining room equipment in the Will Sellons home in Pratt county. Mr. Sellons made it, and Mrs. Sellons refinished it according to instructions given by Mrs. Harriet W. Allard, home management



Mrs. Sellons's Homemade Tea Cart

specialist from the extension division of the Kansas State Agricultural College.

The washstand had long since outlived its usefulness when Mr. Sellons brought it down from the attic. The back was removed and placed on one side to form the handle for pushing the cart. As shown in the picture, casters were placed on two of the legs, and the baby buggy wheels on the other two. The railing around the top of the tray was made from the picture frame. The cart was stained a dark oak and then waxed.

Mrs. Sellons finds that her tea cart saves her innumerable steps in carrying food and dishes to and from the dining room table, and dishes from the sink to the cupboard after they are washed.

Florence K. Miller.

Made only of wheat and barley scientifically baked 20 hours — Supplies Vitamin-B and mineral elements. How can Grape-Nuts be other than a wonderfully appetizing, healthful food? "There's a Reason"

Seed Wheat

Good wheat seed will be in demand this Fall for planting. You can sell your surplus at a good price through classified advertising in KANSAS FARMER AND MAIL & BREEZE, which is read by 130,000 farm families every week. Use the order blank in this issue for sending in your copy.

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Gasoline Mantle
Creates the most dazzlingly white light known. 50% more light. 50% longer life. Lower cost. Guaranteed.
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The FRED MUELLER SADDLE & HARNESS CO.
402 Mueller Bldg. DENVER, COLO.

Glimpses of Autumn's Mode

The Distinctive Daytime Frock is Delightfully Long Waisted with Youthful Lines

BY MRS. HELEN LEE CRAIG



1841—Women's Dress. You are certain to approve of this charming model. The waist surplices to the left in a most becoming manner and the skirt is laid in four plaits at the left side to add grace of line. Sizes 36, 38, 40, 42, 44 and 46 inches bust measure.
1778—Women's House Dress. To convince you how simply made this garment is just glance at the diagram. Why, you could complete the garment in an hour or two. Sizes 36, 40, 44 and 48 inches bust measure.
1496—Women's Dress. Practicability and charm were the essentials in designing this attractive and youthful style. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.
1836—Women's Blouse. Made of silk crepe, plain or printed, the blouse shown above would be ideal for dressy

occasions. Sizes 36, 38, 40 and 42 inches bust measure.
8780—Boys' Suit. This sensible suit, consisting of a pair of knickerbockers and a tailored shirt is the right way to dress the small boy. Sizes 4, 6, 8, 10 and 12 years.
1678—Girls' Dress. A cute bloomer dress which a little girl would be proud to wear is shown in the above illustration. The bloomers are separate and so the dress can be made with or without them. Sizes 2, 4, 6, 8 and 10 years.
These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each; or 25 cents for one pattern and the new fall fashion catalog. Give size and number of pattern desired.

Women's Service Corner

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

Pickled Pears

I should like to have a recipe for pickled pears.—Mrs. J. E. S.
One of our readers sends us this recipe which is a favorite in her household:

8 pounds pears
4 pounds sugar
1 stick cinnamon
Cloves
1 quart vinegar
2 bay leaves
Boil the vinegar, sugar, cinnamon broken in small pieces and bay leaves for 8 minutes. Pare and core the pears, then stick two cloves into each pear. Put the pears into the vinegar a few at a time, cook until tender, and pack into sterilized jars. Reduce the sirup one-half, then strain it over the pears and seal.

The House by the Side of the Road

Who wrote the House by the Side of the Road? Will you please print it?—Mrs. V. R. P.
Space does not permit us to print The House by the Side of the Road, but we would be very glad to send it to you if you will send us a stamped, self addressed envelope. Sam Walter Foss is the writer.

How to Obtain a Copyright

I desire to obtain a copyright. Will you tell me how to proceed?—M. W. C.
Write to the Register of Copyrights, Washington, D. C. Explain in detail just what it is you wish to have copyrighted. This information is necessary

to enable the authorities to place your application in the correct department. You will receive a printed form to be filled out according to directions. The form will be returned to Washington. It will cost you \$1 to obtain the copy-right.

September Garden Plans

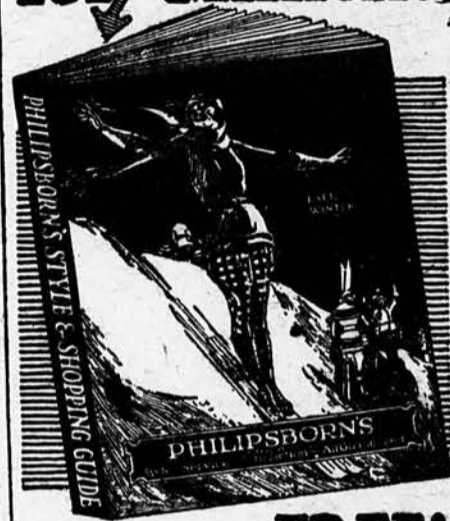
In September I change or enlarge my garden beds and plan for the spring work. All thru September I am busy transplanting the hardy plants that need changing from one place to another, or putting in the roots of new plants that have been given me. If put in now they will get a start before winter and make stronger plants.

Hollyhocks, pinks, gaillardia, Shasta daisies, and sweet William are among the plants that may be put in now. I am more sure of blooms another year if this is done in the fall. Peonies should have well rotted manure worked into the soil and the bed prepared for spring. For best results, the clumps must be separated every six or seven years and new plants started. In planting peonies, be careful not to put the crowns too deeply into the earth.

Every garden should be planted with an eye to the late bloomers as well as the early. My late garden is as lovely with blossoms as my June garden was. Late asters, gaillardia, cosmos, golden glow, black-eyed Susan, salvia, and marigold make the beds a blaze of color. These are all common flowers, but all worth while. It reminds me of the little boy whose mother reproved him for wanting to play with another little boy, because he was so common. "But that's why I like him," was the answer. "You see there are so many more of us common kind." When she told me about it, I wondered if she had felt reproved.

Mrs. Anna Deming Gray.

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WE are solving the clothing problems for over 3 1/2 million households.

Our Style Book—enlarged to 322 pages—takes you on a shopping expedition that will be a joyous experience! It will save you so much money on smart, stylish clothes that you'll be surprised and delighted! Don't buy a thing for Fall and Winter until you receive your copy of this beautiful catalog and study its 322 pages of latest fashions, all endorsed by IRENE CASTLE—its 3,000 and more incomparable values, offered at world's lowest prices.

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The lowest prices and the squarest deal in America—that is PHILIPSBORN'S policy and it is lived, up to in every sense. We want your good will more than we want your money. 100% satisfaction or no sale. The most liberal guarantee in America.

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For Our Young Readers

If it is full
it is as
light again
as when only half full

NO!
IT'S NOT
A BARREL
FILLED
WITH HOLES



To Keep You Guessing

What question is it to which you must answer yes? What does y-e-s spell?

If a bear went into a dry goods store what would he want? Muzzlin' (muslin).

Why are crows sensible birds? Because they never complain without "caws."

My Party for Three

I had a little tea party
This afternoon at 3.
'Twas very small:
Three guests in all,
Just I, myself and me.
Myself ate all the sandwiches,
While I drank up the tea;
'Twas also I who ate the pie
And passed the cake to me!

The Sister States

Did you ever hear of the Sister States? They are Miss Ouri, Ida Ho, Mary Land, Louisa Anna, Minne Sota and Mrs. Sippi.

Can You Do This Trick?

I I I I I

Draw six vertical lines. Then draw five more and have only nine. How can you do it?

The Puzzler

A pole in a swamp is 90 feet long and stands twice as deep in water as in mud and twice as high in air as in mud and water. How many feet in each? Answer: 10, 20 and 60 feet. See if you can find someone to work this puzzler.

A Boy's Composition on a Cow

The cow is an animal with four legs on the underside. The tail is longer than the two legs but is not used to stand on. A cow has big ears that wiggle on hinges; so does her tail. The cow is bigger than the calf but not so big as an elephant. She is so small that she can go into the barn when no one is looking.

Some cows are black and some hook.

A dog was hooked once. The cow tossed the dog that worried the cat that killed the rat. Black cows give white milk; so do other cows. Milkmen sell milk to buy their wives' dresses which they put water in and chalk. Cows chew cuds and each finds its own chew.

This is all there is about cows.

Inside Information

Father: Willie, go into the house and get something to hold these apples I brought home. The sack tore open.

Willie: I've got something right here, Dad.

Father: What?

Willie: My stomach.—Boys' Life.

In Our Letter Box

Hello, boys and girls! I like to read your letters very much. The first thing I do when I get the Mail and Breeze is to turn to the young folks' page. I certainly was surprised when I saw my picture there last fall, the picture in which I was holding the chest of silver that I won at the fair in Topeka on my calf Revelation. If you all knew what fun it is to be in club work the fair would have to build a large extension on its buildings. I am 11 years old. Ruby Howell. Marietta, Kan.

Geography is the Hardest

I am 12 years old and in the sixth grade. I have three brothers and one sister. We walk to school. Geography is hardest for me. I like the young folk's page. Ota Broyles. Burns, Kan.

Find Five Words

V I C A R
I _ _ _ _
C _ _ _ _
A _ _ _ _
R _ _ _ W

The above is an incomplete word square. The word "vicar" reads from left to right and from top to bottom. Can you fill in the blanks with letters so as to form five words that read the same from top to bottom as from left to right? The letter "W" in the lower right-hand corner is given as a starter.

DRAWING LESSONS FOR OUR KIDDIES

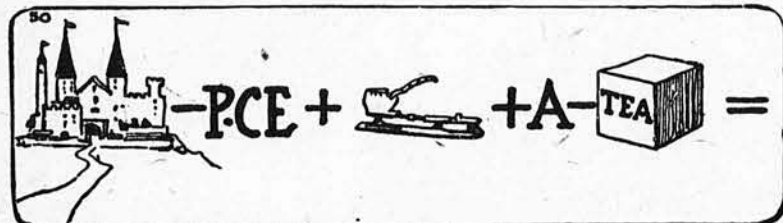
HERE'S THE WAY AN ARTIST DRAWS PICTURES.



The Puzzle Winners

Solution the August 25 puzzle: Rye. The winners are Anita Hovious, Paul Grim, Harold Smelser, Ethel Bagby, Gladys Pierson, Maurice Seeber, Sarahann Miller, Cleo Barthol, Frankie Miller and Kenneth Jenkins.

Solution the September 1 puzzle: Iowa. The winners are Warren Curd, Myra Johnson, Hertha Dobrinski, Kathryn Rhine, Edna Taylor, Bonnie Salisbury, Merle Ross, Lucy Crissman, LaVere Burrough and Francis Hicks.



If you can solve this puzzle you will find the name of a country in the far Northwest. Send your answer to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.

"Here's what I'll weigh when I eat these KELLOGG'S CORN FLAKES"



Kellogg's Corn Flakes ring true with every member of the family because they are not only delicious in flavor and crispness, but because they satisfy hungry appetites.

It takes more than the annual crop of a 450-acre farm to supply the raw corn used in the "million packages a day" made in the Kellogg factories.

And another thing: Kellogg's Corn Flakes are ready to serve—no bothersome cooking and scraping afterwards!

Kellogg's are extra delicious with the family's favorite stewed fruit, and with bananas or other fresh fruits in season.

Kellogg's Corn Flakes are sold only in the RED and GREEN package that bears the signature of W. K. Kellogg, originator of Corn Flakes. None are genuine without it.

Kellogg's CORN FLAKES

Also makers of Kellogg's KRUMBLES and Kellogg's BRAN

Our Special Fall and Moving Time Offer

Realizing that at this time of the year the majority of people are interested in taking a good daily paper through the fall and winter months and that they would like the paper to expire about March 1st, which is moving time in Kansas, we have decided to make this Special Offer on the Topeka Daily and Sunday Capital—7 big issues a week from NOW to March 1, 1924, ALL for \$2.50.

This is a nice saving to you as the regular yearly subscription price is \$6.00.

I know you will want to keep posted on just what our New President, Calvin Coolidge, is doing, just what legislation he will propose to Congress and whether he will carry out the policies of our late President, Warren G. Harding.

There is no paper that will keep you as accurately informed with world, national and state news as the Topeka Daily Capital and I am sure you will want to take advantage of this special offer at this time.

Use This Coupon. DO IT NOW

(Offer not good in city of Topeka, or by carrier, or outside of the State.)

Topeka Daily Capital, Topeka, Kan.

Enclosed find \$..... to take care of my subscription to the Topeka Daily Capital the balance of the year and to March 1, 1924.

Name.....

Address.....

Health in the Family

Living on the Level Will Keep Our Bodies Healthy and in Good Physical Condition

BY DR. CHARLES H. LERRIGO

NOT long ago I heard that my old friend George Top was in a serious way with heart disease, due to leakage of the mitral valves. I had about reconciled myself to the thought that George's days were done, so I was very joyfully surprised at meeting him recently.

"Yes," he said. "I did have a leaky heart. I suppose it's leaky yet if it was put to the test; but it isn't going to be put to any test. I called in the best doctor in this country. He said there was hope for me if I would do exactly what he ordered."

"And the first thing was to order you to bed?" I hinted.

"That's it," said George. "He said the very first thing was to get rid of the extra load that the heart had been carrying and give it a chance to catch up. The heart has a lot easier time when a person is lying down in a comfortable bed, so he ordered me to bed for three weeks. He put me on a simple diet that could be digested easily, too, because he said that took some of the load off the heart, too. I didn't like this business of going to bed; not a bit of it. I thought he'd give me some medicine and let me keep on at my work. But I'm better for doing what he said, and I see that he was right, and I'm going to keep on following his instructions now. Mighty little medicine about it, I tell you. It's all a matter of obeying orders."

"What are the orders now?"

"Oh, I'm up now. I go to bed early and I get up rather late; and for the present I lie down a bit every afternoon. The main point is that I'm not to take on any sudden strain. But I have to live absolutely on the level. I can't do a thing that causes a strain. If somebody desires a lift with a heavy box they must hire a hand. If the street car I wish to take means a run of 20 steps I must take the next one. If business is on the blink I must let it blink. He says if I live that way I can live a long time. And believe me, old timer, living on the level looks awfully good to me after being the way I was."

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young man and perhaps he is over anxious to get well quick. B. B.

The young man should make as good a recovery at his home in Kansas as anywhere. I do not feel that there is anything to be gained by going South unless a man is prepared to stay there all fall and winter. Let him gain considerably in weight before any exposure to cold and then go at it gradually, well protected by warm clothing and he will do well enough. No doubt the doctor will permit a good nourishing diet in which meat, eggs, and milk can be used freely, but don't forget that green, leafy vegetables are always needed, if only for their vitamins. After typhoid it is well to accept advice to make haste slowly.

The Farmiscope

On With the Jazz

Judging from a considerable amount of the comment in regard to farming which one hears in the cities it is evident that a good many folks there believe that the crop movement is a new kind of a dance step.

At Least Begin at Home

In the future, those beligerent European diplomats who regard war as a game should be compelled to play all games on the home grounds.

Heavy Hint

Claude—"May I call you by your first name?"
Norah—"How about your last name?"

Did He Mean It?

Hostess—"What, going already Professor? And must you take your dear wife with you?"
Professor—"Indeed, madame, I'm sorry to say I must!"

The Breaks of the Game

"Yis, sor, wurk is scarce, but Oi got a job last Sunday that brought me two dollars."
"What, Pat? You broke the Sabbath?"
"Well, sor, it wuz me or the Sabbath. Wan of us had to be broke."

Kansas Climate as Good as Any

What climate would you recommend for a patient who has had a long siege of typhoid fever? Is there anything to be gained by going to the South? Are there any special foods to eat? This patient is a



"They All Love Its Flavor"

Protect Young Teeth from Grit

THE teeth of every farm girl and boy deserve a fair show. Modern Dental science has shown that proper care of children's teeth builds eager active minds and sturdy bodies.*

Here Are Precautions Thoughtful Mothers Should Take:

- 1—Choose a safe dentifrice—one that contains no grit.
- 2—Avoid preparations containing harsh chemicals and strong drugs.
- 3—Teach children to brush their teeth after meals and at bedtime.

Colgate's Ribbon Dental Cream is safe, for it contains no grit or harmful ingredients. Because of its delicious taste, children use it regularly and willingly.

A tube for each member of the family is a sound investment in sound teeth.

COLGATE & CO.

Established 1806



*Every county nurse and home demonstration agent will endorse this statement. Actual tests conducted in schools at Bridgeport, Conn., show that proper care of teeth reduced backwardness by 50%.

CLEANS TEETH THE RIGHT WAY
Washes and Polishes
Doesn't Scratch or Scour

Large tube—25c.

Truth in Advertising Implies Honesty in Manufacture

Wheat 60c a Bushel Advanced

If you do not want to sell your wheat at present low prices, we will advance you 60 cents a bushel and freight and allow you one year to pick your own settling price. We look for greatly decreased wheat acreage this Fall, which should strengthen prices. Write for our proposition. No storage charges. We are in the market to buy country elevators.

J. E. Weber Grain Co.

924 Baltimore Ave. Kansas City, Mo.

SAVE ON ROOFING

Buy Direct From Us
Save yourself 20% to 30% on corrugated roofing and siding. We not only sell cheaper, but furnish heavier steel than ordinary and figure measurements after corrugation, which means 10 to 15 per cent more roofing per square.

Free sample

Send for sample of heavy galvanized steel used and for low price per square. We do our own corrugating and make immediate shipment. Large stock, all standard lengths and widths. We also manufacture and sell direct steel sile roofs and chutes. Write for prices. New Monarch Mach. & Stamp Co. 424 S.W. 9th St., Des Moines, Ia.

FOOTBALL

FOR THE BOYS Every live, wide-awake, red-blooded boy is interested in the game of Foot Ball. No better sport can be had than to spend your idle hours playing a rough-and-tumble game of Foot Ball with your boy friends. The game will give you lots of fun and good exercise. This Foot Ball is made of extra good quality selected pebble grain foot ball leather. Heavy duck lining double stitched with linen thread, good quality gray pure gum bladder.

SEND NO MONEY I want to give every boy reader of this paper one of these fine Foot Balls just for a little easy work which you can do in an hour's time distributing six packages of beautiful Post Cards on our big, easy, fast-selling offer. Be first in your neighborhood to get a Foot Ball. Write today, a post card will do—just say I want a Foot Ball.



BILLY SCOTT, MGR., 502 CAPPER BLDG., TOPEKA, KAN.



Look Out! She's Likely to Bounce Out

Business and Markets

More Prosperous Era is Coming for Farmers and Livestock Men Says Dr. L. C. Gray

BY JOHN W. SAMUELS

Year	Receipts
1914	7,184,000
1915	8,019,000
1916	9,320,000
1917	11,306,000
1918	13,102,000
1919	12,346,000
1920	10,418,000
1921	9,126,000
1922	11,026,000

Farmers Interested in Livestock Production Will Find It Valuable to Compare the Annual Output of Beef With the Increase in Population

NOTWITHSTANDING the present agricultural depression involving low prices and the liquidation of excessive land values, the longer outlook for American agriculture is distinctly more optimistic," declared Dr. L. C. Gray, economist of the United States Department of Agriculture, addressing the American Association of Joint Stock Land Banks at a recent meeting.

Doctor Gray based his conclusion on the fact of a steadily increasing population co-incident with a reduction in per capita acreage of crop and pasture lands made necessary by the low quality of the greater part of the area still available for the expansion of our farming area. He pointed out that prospective competition of the three uses—crops, pasture, and forests—for the remaining humid area will soon become much more intense because of the necessity of growing our timber instead of cutting from a stored supply.

Domestic Food Demands Growing

Doctor Gray cited statistics to show that the high point in the supply of crop and pasture land in proportion to population was reached several decades ago, and that as population increases in the United States, most of the land that is now devoted to production of surplus crops for foreign consumption will be required to meet domestic demands for food.

Within 30 years, Doctor Gray said, "we are likely to find ourselves on an import basis or at least forced to protect our producers against the exports of other surplus producing nations. Consequently a large section of American farmers will benefit by the transportation differential between the locality of production and the more distant centers of world consumption."

Growth of population in the United States to a point at which the domestic market has become large enough to absorb the country's normal beef production is the chief reason why American beef is no longer an important source of supply for Great Britain, says Charles J. Brand, marketing specialist for the Department of Agriculture, who recently studied the meat trade situation in Europe. Another factor working against an increase in our beef exports, he declares, is the lower cost of beef production in countries like Argentina which are still in the pioneer stage.

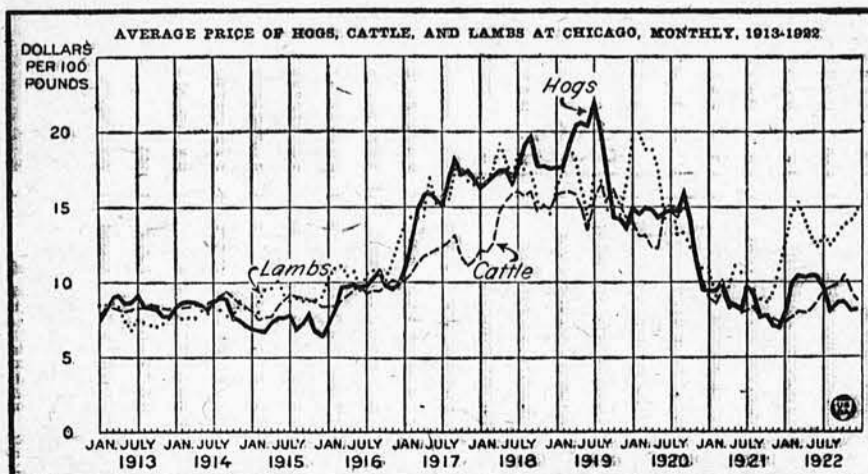
Mr. Brand points out that from 1891 to 1921 the human population of the United States increased from 62,948,000 to 107,833,000, while the number of cattle in the country increased only from 51,363,572, to 66,652,559. It is thus obvious that the growth in population has absorbed the increased beef production, and the same is true of mutton. Our increased production and exports of beef during the war proved, according to Mr. Brand, that given the stimulus of a profitable market the American livestock grower can and will quickly expand his beef output, but many factors are at present diminishing his incentive to do so.

Livestock Conditions in the West

Condition of livestock thruout the Mountains and Plains states, as well as in the Missouri Valley states, continues highly favorable. The average condition of cattle at the middle of July was reported as 94 per cent as compared with 91 per cent at the middle of June. The condition of sheep was also very high with an average of 97 per cent. This high condition is ascribed to the ranges and pastures which have been rated above normal, altho in some of the southern sections of Tenth Federal Reserve District the drouth and intense heat late in July and in early August were injurious to pastures and cut short the feed crop.

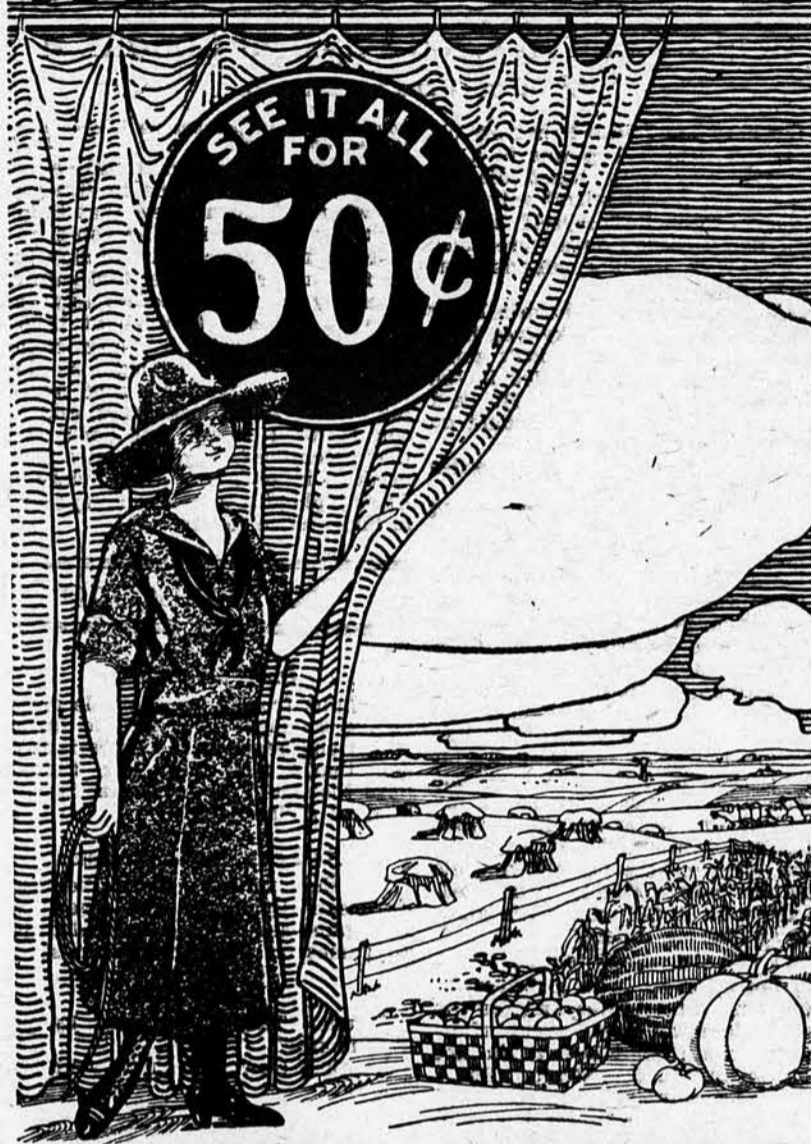
"There are more cattle on Kansas grass than a year ago, particularly in the Flint Hill district, but the average run is of younger stuff and large numbers of this class of feeders can be profitably carried over for another year or fed out on corn in the late fall or early winter if the corn crop and market conditions justify such action. From the present outlook it does not seem probable that Kansas will market to exceed 1 million cattle and calves between July 1, 1923 and January 1, 1924, unless some circumstance that cannot be foreseen should interfere. Of the million head to be marketed before January about 600,000 should be fat enough for the block and the other 400,000 should be stockers or feeders that will average of high quality. The actual percentage that will go as feeders or killers will depend greatly on the outcome of the corn crop and the consequent demand for feeders in the corn belt.

Cattle and hog prices have come in (Continued on Page 24)



A Study of This Chart Reveals Many Interesting Fluctuations in the Prices of Hogs, Cattle and Lambs in the Last 10 Years at Chicago

WHEAT SHOW



WICHITA, KANSAS
Sept. 24. - Oct. 6

Only \$14²⁴ DOWN
(Magneto Equipped)
Sold Direct To You
From Factory On
90 Days FREE Trial
Develops Full Power on KEROSENE, GASOLINE, DISTILLATE or GAS. Simple, economical and trouble-proof. Equipped with the famous WICO Magneto, Throttling Governor and Speed Regulator. All sizes—2 to 25 H.P.
FREE—Write today for my big, Free Engine Book and Low Prices.
WITTE ENGINE WORKS
1542 Oakland Avenue, KANSAS CITY, MO.
1542 Empire Building, PITTSBURGH, PA.

FORD RUNS 57 MILES ON GALLON OF GASOLINE

A new automatic and self-regulating device has been invented by John A. Stransky, 723 Fourth St., Pukwana, South Dakota, with which automobiles have made from 40 to 57 miles on a gallon of gasoline. It removes all carbon and prevents spark plug trouble and overheating. It can be installed by anyone in five minutes. Mr. Stransky wants agents and is willing to send a sample at his own risk. Write him today.—Adv.

Free Catalog in colors explains how you can save money on Farm Truck or Road Wagons, also steel or wood wheels to fit any running gear. Send for it today.
Electric Wheel Co.,
30 Elm St., Quincy, Ill.

RADIO 1500 Mile Range \$67⁵⁰ Fully Complete A Guaranteed Set

Positively a success; gets programs up to 2000 miles clear as a bell. Complete; nothing more to buy. Easy to install in 15 minutes. Satisfaction or money back. Write for details; terms, etc.
FORD RADIO CO., Dept. MB, Oklahoma City, Okla.

Cut Out This Coupon

Present it to the party in charge of the Capper Pavilion at the State Fair at Hutchinson, Kan., September 17th to 22nd, and you will be given a special proposition on any of the following publications that we publish for our Kansas readers.

- Topeka Daily Capital
- Kansas Farmer and Mail and Breeze
- Capper's Weekly
- Household
- Capper's Farmer

Name.....

Route or Street.....

Postoffice.....

Check papers wanted and sign your name in full giving complete address and party in charge will be glad to fill your order and properly receipt you for your money.
Bring this coupon and present it at our pavilion at either of these Fairs. You will have a pleasant time.

The Capper Publications, Topeka, Kan.

Capper Pig Club News

This Month Ends County Meetings But the Pep Contest Doesn't End Until December 15

BY RAYMOND H. GILKESON
Club Manager

SEPTEMBER is a busy month. It brings many new duties on the farm, starts school bells ringing, and for Capper Pig Club members it brings the last of the monthly meetings. It is difficult to think that the time for holding the six county pep meetings is over but it is true. During April, May, June, July, August and September club members have worked their best to earn the most points for their teams. Even with the closing of the monthly pep meetings there still is ample opportunity for club members to pile up the points. The pep contest doesn't close until December 15. Between now and that date the lowest score can be brought up to the top. Getting feed reports in on time, writing bulletin reviews, winning prizes at fairs and livestock shows, sending pictures to the club manager, writing club newspapers and getting special items about club members' work in papers all count points. Up to this time a great deal of the work has depended on a county team as a whole, but now it is individual work that counts.

Pep Standing Shows Changes

Each bulletin review counts 20 points. Along the line of reviews it will be all right for agriculture students to write reviews of their lessons when such lessons in any way concern hogs or feeding of hogs. That will be a good way to make a high grade in class work and add some points to the county team's pep standing. When a club member wins a prize he should tell the editor of his county or town paper. Such items will count five points each. There is plenty of opportunity to win the pep contest in the time that is left, so no team should lose heart. It is now possible to report the pep standing for the first four months of the contest. The following table gives the average number of points earned by county teams during April, May, June and July.

Dickinson I.....	683	Clay I.....	222
Anderson.....	654	Jackson.....	219
Morris I.....	526	Rooks.....	216
Bourbon.....	505	Sherman.....	172
Dickinson II.....	504	Crawford.....	153
Republic.....	439	Lincoln I.....	151
Shawnee.....	392	Butler.....	148
Linn.....	391	Cowley.....	146
Morris II.....	363	Mitchell.....	113
Sumner.....	332	Grant.....	115
McPherson.....	300	Labette.....	102
Barber.....	227		

Gerald Ferris, who has been the assistant club manager for the past year,

left a few days ago to spend a vacation at home before starting his work at the agricultural college. On Labor Day, Gerald's home town put on a celebration. This was the 15th annual celebration, and in connection with it the Dickinson County Capper Pig Club members put on a swine show. The assistant manager was there and couldn't resist writing a little about it for the Kansas Farmer and Mail and Breeze. He also sent some pictures but we didn't have time to print them in this story. Here is the story, tho.

"An interesting pep meeting and exhibition of the two best pigs in each Dickinson County Capper Pig Club boys' contest litter was marked as a special feature of Chapman's big, 15th annual Labor Day celebration.

"Early in the morning the boys put their pigs in the exhibit pens provided by Wilkins and Anderson, Spotted Poland China boosters. Many interested persons visited the pens and looked the pigs over during the day. Several of the dads admitted that their boys are showing them something about raising hogs. These fathers all are very much interested in the work the boys are doing. Mr. Wilkins, backed by the Commercial Club, is giving a great deal of time and effort to the work, and good results are beginning to show up in the community.

"After a band concert in the morning, the Dickinson boys gave their yells for the visitors. This demonstration was followed by a very interesting talk by T. A. McNeal, editor of the Kansas Farmer and Mail and Breeze.

"Each boy exhibiting pigs received \$1. Cash prizes and ribbons were presented to boys showing the best Spotted Polands and Duroc Jerseys. Abner Engle, vocational agriculture teacher in the Dickinson County Community High School, scored the boys' pigs. Thirty pigs were shown, and their quality brought forth much favorable comment from the folks who inspected them."

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.



Plan your Farm Buildings to Suit Your Needs

Farmers are considering the efficiency of their farms in the light of their business judgment. When improvements are made, they build for permanency, and locate the building where it will save both time and labor.

Barns, hog houses and poultry houses that protect the livestock; granaries and cribs that prevent waste of grain; implement sheds and garages that adequately protect valuable farm machinery; a home that is conveniently arranged, attractive and comfortable; these are the buildings that should be well designed and substantially built. They are the necessary parts of the "farm factory" which produces at a profit.

Well-built farm buildings are the cheapest in the long run. Essco lumber used in the construction of these buildings assures long and satisfactory service at the lowest possible cost. Essco lumber is the all-purpose wood for the farm; makes strong framework, stiff floor joists and rafters, good sheathing, durable siding and flooring that wears well. It meets every farm need. Ask your lumberman

Any lumberman who carries Essco lumber products in his yard is a reliable dealer. He will be glad to talk to you about your building plans.

ESSCO
EXCHANGE SAWMILLS SALES CO.
KANSAS CITY, MO.

EXCHANGE SAWMILLS SALES COMPANY,
1116 Long Building, Kansas City, Mo.

I am interested in building a home, barn, hog-house, poultry house, garage, implement house, granary, handy helps. (Cross out the ones you are not interested in.) Send me free booklets.

Name..... Street or R. F. D.....
City..... State.....



What Will Be the Fisherman's Luck?

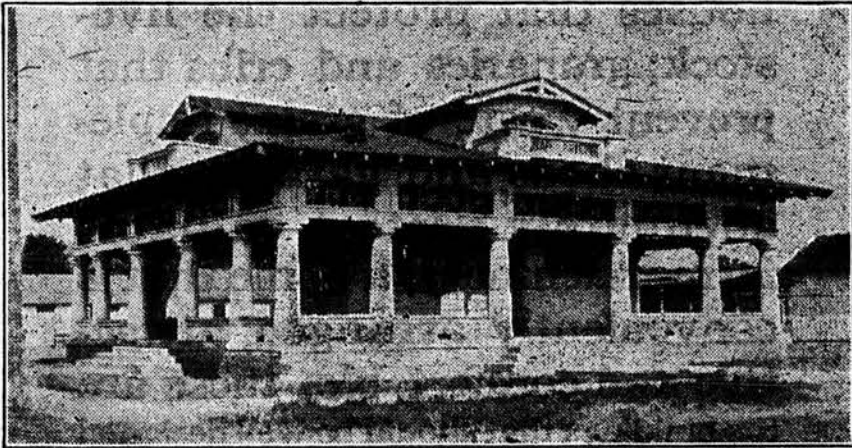
Dear Folks:

Well, I sure was glad to see so many of you this week at Topeka, but I hope I'll see a lot more of you next week at the Kansas State Fair at Hutchinson. I probably will as there is generally more wind at Hutch. (That's a pretty fair joke if you're educated enough to see it and not too educated to enjoy it.)

They have been building some new buildings for this year's fair and Al Sponsler says, "It's going to be a great fair; you better come," and I says, "You know me, Al." Well, his fair last year was just about as nifty a fair as you'd care to see, and according to all the confidential reports which I've got from the papers and otherwise, it's going to be a lot better this year.

Personally, I sure enjoy the horse shows they put on at Hutchinson, but maybe you favor Durocs or Plymouth Rocks. They're all good shows. Last year they had a horned rooster at the chicken show, but I haven't seen any announcement yet that they'd have a feathered cow at the cattle show this year. You can't tell though; they pull some surprises. For instance, a race horse I decided on won the race last year.

The Capper Building at the Kansas State Fair isn't quite so easy to locate as at Topeka as we haven't got any tree by it. However, as it is located right in the solar plexus of the grounds, as you might say, you can hardly



help from hitting it. It looks a great deal like the picture in this letter. In fact, this is a photograph of it and Mr. W. F. Rockwood will be in charge. We'll have copies of this paper and a lot of our other papers there in the lobby, but if you aren't right sure that you're in the right stall, just ask Mr. Rockwood, "Is this the Capper Building?" If he says, "yes" go right over and get a good cold drink and make yourself at home. It's real handy to all parts of the grounds, and a pretty nice place to rest and wonder what the kids are doing.

I expect Mr. Rockwood will have an extra postcard or two, so if you want to write home and tell Bill not to forget to close the windows if it rains, you can do so.

We'll probably have some placards up on various commercial exhibits, which will read, "We Advertised This Year in Kansas Farmer and Mail & Breeze." When you see one of those, you'll know the firm making the product is reliable and the fellow in charge will be glad to see you, especially if you sort of introduce yourself by saying, "I've read that advertising you refer to."

Well, I got only a few days to pack my grip for Hutchinson so I'll have to stop this letter, but before I close let me say, "Come over and see us at the Kansas State Fair and bring all the family along."

Sincerely Yours,
The Ad Man.

P. S.—If you want to see me, I'll probably be at the horse show, or the races, or the machinery exhibits. You'll know me because I'll wear brown shoes.

Kansas Crop Outlook Good

General Farm Conditions Outside of the Wheat Belt are Better Now Than Last Year

BY JOHN W. WILKINSON

DURING the last 10 days the weather has been dry and cool over the greater part of the state and farmers have made good use of the opportunity to finish up the odd jobs on the farm that usually come at the end of the summer season. In sections where the rains were not sufficient to make corn grow and mature properly farmers have been busy cutting and shocking it.

In the northern two-thirds of the state rains have been sufficient to insure an enormous corn crop and there will be plenty of hay and other feeds. Alfalfa, Sudan grass and sorghums of all kinds have done well in this part of Kansas and will help to insure profits on feeding operations this winter.

Much Plowing Now Finished

A great deal of plowing and other cultivation have been done for wheat and the seeding of other fall crops, but the ground in many sections now is getting dry and farmers will not be able to complete this work until more rain falls. However, take the state as a whole, farm conditions are fairly satisfactory.

Recent Government reports seem to indicate a fair outlook for crops in the Nation as a whole.

General agricultural conditions outside the Wheat Belt are apparently somewhat better this season than last, according to the monthly agricultural review of the United States Department of Agriculture.

"The East, the South, the Corn Belt, the Range Country, and the Pacific Coast apparently show improvement both in position as to debts and outlook for fall income," the review states. "The wheat situation is not to be overlooked, however. It is an acute symptom of the general and persistent maladjustment between the returns for labor of country workers and those of urban workers."

Heavy Receipts of Hogs

Despite heavy market receipts of hogs, prices have made a seasonal advance, the review points out. More than 48½ million hogs went to slaughter during the past fiscal year, or about 4¼ millions more than in any previous year. The export movement shows more pork, lard and meats but less wheat and cotton going out of the country. Storage stocks of dairy products and eggs are slightly above the five-year average.

The index of purchasing power of farm products advanced slightly during July but is still seriously below par and in agricultural circles there is a resultant broad undercurrent of dissatisfaction which is still a factor to be reckoned with, the review states. The index of purchasing power of a unit of farm products in terms of other commodities is placed at 72 as compared with 71 of the previous month.

The wheat situation is still very unsatisfactory to farmers and many of them are planning to hold their grain

for better prices. At a meeting of farmers and wheat growers held recently in Spokane, Wash., Frank W. Mondell, Director of the War Finance Corporation, predicted that shortly prices would go considerably above \$1 a bushel, but he advised them not to hold their wheat for another season.

Speaking of the general agricultural situation, Mondell said:

"The general situation is improved. It is evident to all who are interested in conditions of livestock and farm products, that prices have improved and have been at least fair. The one prominent important exception is the case of wheat.

Fixed prices of wheat was scouted by Mondell. World supply and demand determine the price of American wheat, he said.

State Makes Free Protein Tests

Both farmers and millers are very much dissatisfied with the present Government system of grading and rating wheat. Millers are anxious to obtain grain ranking high in protein and are willing to pay a premium for the same. The Kansas State Grain Inspection Board is now prepared to analyze samples of grains at its laboratories and testing stations in Kansas City, Wichita and Hutchinson. A pint of wheat is required for the test and no charge is made for the work. As this year millers are offering to pay premiums for wheat high in protein it will pay farmers to have these tests made before selling their grain. Last year Kansas grain tested from 12.40 to 12.50 per cent. Many of the county farm agents are investigating this matter and are making plans to have tests made in their counties. Wheat high in protein content sometimes commands a premium of 5 to 10 cents a bushel. Secretary J. C. Mohler of the Kansas State Board of Agriculture is urging farmers everywhere to have these tests made since practically no expense is involved except the postage required for mailing the samples to the testing stations.

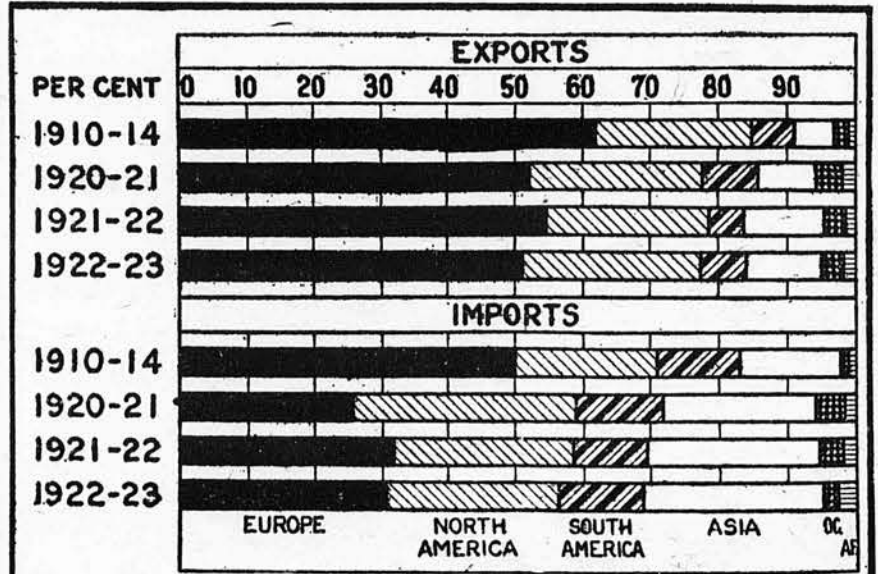
The Central Seed Wheat Association is still busy with its plans to furnish farmers in Western Kansas and especially Southwestern Kansas with seed wheat if they are unable to spare the money at this time to purchase the necessary wheat. Those who are interested in this movement should address J. C. Mohler, secretary of the association, at Topeka, Kan.

County Crop Conditions

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

Chautauqua—Pastures are drying up, while stock feed and water are getting scarce. There have been many public sales and prices are unsatisfactory. Older farmers say this drought is the worst ever experienced here. Rural market report: Flour, \$1.80; bran, \$1.25; shorts, \$1.50; corn, \$1.00; corn chop, \$2.00; hay, \$10 a ton; eggs, 15c; butterfat, 35c.—A. A. Nance.

(Continued on Page 23)



This Chart Shows the Extent of Our Exports and Imports and Some of the Countries with Which a Large Part of Our Trading is Now Conducted

Dairy Hints For Farmers

Better Grading and Marketing Methods Enable Dairymen to Do Without Cream Stations

BY J. H. FRANSEN

FARMERS of Kansas are selling more cream than ever before and are depending more and more on dairy cows to take care of their daily needs, but we have not realized we are in danger of killing the goose that lays the golden egg if we neglect to produce good, clean cream. Quality is a by-word with cream producers of Denmark, of New Zealand, and of Wisconsin and Minnesota, and it is not too early for Kansas dairymen and creamery folks to realize that if our butter is to hold its own with competing butter, we must get together on some sort of policy that really will insure better cream—the foundation of good butter.

By Co-operation or Law

Perhaps the dairy industry of Kansas can find a way to establish a business-like cream grading system, and of reducing the evils traceable to the hundreds of expensive and often needless cream stations, the operation and maintenance of which make the price received by the farmer from 3 to 6 cents less a pound butterfat than if cream were shipped direct. If this is not possible, it will be necessary to attempt to accomplish some improvement by legislation.

Those who hold that relief must come by the legislative route will be interested to know that our Canadian friends have made good progress in solving this problem by the passage of a law eliminating all cream stations, establishing definite grades of cream, and requiring creameries to buy cream only on grade and to pay higher prices for the better grades. To insure compliance with the law, they have placed

government graders in all creameries manufacturing more than 100,000 pounds of butter yearly. This plan has been in force in the province of Alberta for about two years, and the adjoining provinces.

Cream ultimately must be bought on a grade basis. Whether this will be accomplished by the co-operation of Kansas dairy interests or thru legislation, is a question that well might have the earnest consideration of those concerned with Kansas' dairy welfare.

The Alberta Cream Grades

The following grade standards are applied in grading cream at every creamery operating in Alberta:

Table Cream—This grade shall include any sweet, clean-flavored cream, testing not more than .2 of 1 per cent acidity.

Special Grade—This includes any cream fresh and clean in flavor, of uniform consistency and fit for making into special grade butter. The acidity of cream in this grade shall not be more than .35 of 1 per cent.

First Grade—This grade includes any cream which is reasonably fresh and clean in flavor, of uniform consistency, whose acidity is not more than .55 of 1 per cent.

Second Grade—This grade shall include any cream that does not meet the requirements specified for the next higher grade; which is bitter, stale, musty, metallic or otherwise unclean in flavor.

Their price closely follows grade, for special grade cream sells for 3 cents more a pound than first grade, first grade 3 cents more than second, and second 5 cents more than off-grade.

Milk Feeding of Poultry

Proper Fleshing or Fattening Puts Weight on the Birds and Greatly Improves the Flavor

BY L. H. SCHWARTZ

MUCH of the poultry sold to the consuming public is in an unfinished condition. Fleshing or fattening puts weight on the birds, improves the flavor, causes the muscles to become tender and the bones brittle. Theoretically the fat is distributed between the muscle fibres in a way similar to the marbling in roasts and steaks. In the roasting method of cooking poultry, the fat assists in shortening the time of cooking. This may be contrasted with the lean bird which requires longer cooking and from which the water evaporates, leaving the bird in a dry and tough condition.

Fall is Best Season

Most milk feeding of roasting chickens by the producer is done in the fall when the weather is cool and the birds can better stand confinement. The time just preceding Thanksgiving and Christmas is most desirable. Young birds weighing from 3½ to 4½ pounds are about the right weight for fall feeding. Broiler fleshing is done in the spring when the birds weigh about ½ pound less than the market demand, which is normally 2 pounds.

Two common methods of feeding are pen and crate fattening. For farm purposes pen fattening will be satisfactory because no especial equipment is needed. The birds are confined to a limited coop area where they will

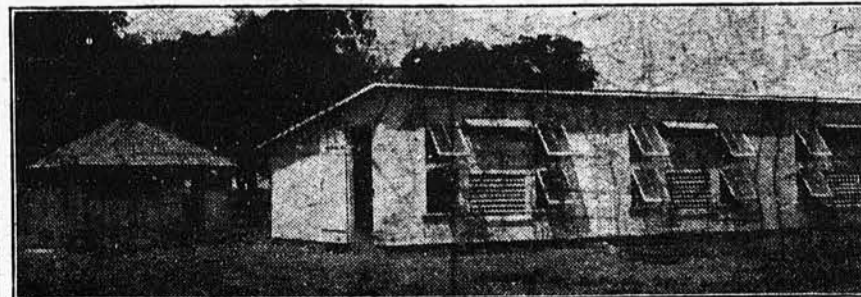
get little or no exercise. The lack of exercise helps to make the bird tender. The following ration and method of feeding has been found quite satisfactory:

- 2 pounds ground corn;
- 1 pound ground whole oats;
- 1 pound flour middlings;
- 1 pound liquid buttermilk.

This is mixed at the feeding prior to the one it is to be fed. When fed, it should pour and be of a thick cream or pancake batter consistency.

The birds should receive no feed for 24 hours previous to their first milk feeding. This is done in order to free the intestines from feed and to get the birds hungry. Thereafter, they should be fed in troughs twice a day, early in the morning and late in the afternoon. From 10 to 14 days is the usual length of time for feeding. For the first three or four days until they are "on feed," the feed should be in front of them for only 10 minutes; for the next three or four days 15 minutes and for the last days, 20 minutes. The birds should be hungry at each feeding. If they are not hungry at any feeding, that particular feed should be withheld.

Only in very hot weather should anything other than the two regular feedings be given. At such a time the birds may have a very thin mixture of the ration given at noon.



Good Poultry Houses Well Equipped, Proper Rations, Good Care, and Systematic Pen Feeding Will Increase the Profits of the Farm Flock

It's NATURAL for a hog to wallow
Provide a wallow and add

DR. HESS DIP and DISINFECTANT

then—

1. Your hogs will be free from lice.
2. They will have clean, healthy skins.
3. Disease germs will be destroyed.
4. Foul odors will be kept down.

If you do not have a wallow, use the sprinkling can freely. Sprinkle the animals—the sleeping quarters and pens.
Sprinkle the cow barns to keep them healthful and clean-smelling—
The poultry-house to kill the mites and lice.
Use it about the house—in the closets, sinks and drains. Excellent for the sickroom.

Standardized Guaranteed
DR. HESS & CLARK, Ashland, Ohio

More Milk—More Meat More Money Guaranteed

Stop that monthly feed bill. The Letz Dixie will cut, grind and mix anything grown—makes a perfectly balanced ration from home-grown crops. Guaranteed to increase production from 15 to 30% and cut feeding costs from 25 to 50%. A warehouse in Kansas City, Kansas.
Write today for Valuable Feeding Book—It's FREE

LETZ

914 East Road Crown Point, Ind.

Get Your Copy FREE!

FRUIT and BULB Catalog

Sonderegger's new Fall Bulb Catalog is ready. One of the finest books of kind ever issued. Filled with bargains and interesting, valuable information. Plant fall bulbs now.

- 4 Miniature HYACINTH bulbs, 1 each white, pink, blue, red, all for only 10c postpaid.
- 5 Golden WINECAP Apple Trees, hardy, well-rooted 1-year old, for \$2.00, and with the 5 trees we send 1 Coco Grapevine FREE.

Order Now. Scores of other bargains in the Catalog. Send your name and 2 others - get your copy FREE—now!

SONDEREGGER NURSERIES AND SEED HOUSE
620 Court St. Beatrice, Nebr.

LUCKY PENCIL FREE ALLOWAY

A great big Jumbo Lucky Pencil free to all who write stating which of 3 articles shown they are interested in, an advertising gift to introduce Galloway merchandise and Galloway Bargain Prices to all farmers.

THREE BIG BARGAINS
Cream Separators, Engines, Spreaders and other farm necessities never were so cheap. Terms were never easier. Dollar values never were so big as Galloway offers now.
Wm. Galloway Co., Box 47, Waterloo, Iowa

By Book of Bargains FREE. Filled with bargains of guaranteed merchandise that should be in every farm home. Prices that will open your eyes. Write us today.

The Finest Yankee Ever Made

\$200

The New Improved YANKEE

THE New Ingersoll Yankee is now on sale in stores in all parts of the country.

It has the same stylish antique bow and crown that is used on expensive watches; a handsome new dial; a beautifully damaskeened back plate; and other refinements and improvements that make it the finest Yankee ever produced.

Ingersoll

Models \$200 to \$1000

1 1/2 HP. \$43.45

Now a more dependable, durable, powerful engine Direct from Factory at Low Price. 24, 35, 5 and 7 horse-power sizes also at a Big Saving.

OTTAWA

EASIEST ENGINE TO START. 90 DAYS' TRIAL. 10-YEAR GUARANTEE. CASH or EASY TERMS. FREE BOOK—"How to Know Better Engines." Also Special Offer. Write today!

OTTAWA MANUFACTURING CO., 551 Y. King St., Ottawa, Kansas. Desk 551 Y. Main Bldg., Pittsburgh, Pa.

FARM FENCE

18 Cents a rod for a 20-in. Hog Fence, Freight Prepaid in Ill. and Ind. More in Iowa and only slightly more in other states for freight. From Factory to User Direct. WE PAY THE FREIGHT. Write for free catalog now.

INTERLOCKING FENCE CO. Box 130 MORTON, ILLS.

Warm Water Without Heaters

That's what hogs must have in the winter, if they are to thrive. Hogs stand still or lose weight when compelled to drink ice water. With the newly-invented

DEMPSTER Self-Heating Hog Waterer

you may have plenty of warm water outdoors at all times during the coldest weather.

**No Lamps — No Heaters
No Expense for Oil
No Danger of Fire**

Just cover the Dempster Hog Waterer, all except the Drinking Bowl, with live manure. The manure heats the water in one end of the Waterer and the constant circulation keeps the water in the Water Bowl warm all the time.

Nothing to fuss with—it takes care of itself automatically. Very easy to install. Fully protected by patents. Write for complete circular and price.

DEMPSTER MILL MFG. CO.
Manufacturers of a Complete Line of Water Supplies for Farm and City Homes (12)
747 South Sixth St. Beatrice, Neb.

DEMPSTER MILL MFG. CO.
747 South Sixth St., Beatrice, Neb.
Gentlemen:—Send me circular and price regarding the new Dempster Self-Heating Hog Waterer.

Name.....
Town..... State.....

Montgomery County Holstein Breeders

The most profitable thing on the farm now is good Holstein dairy cows. The Montgomery county breeders sale, featuring the complete dispersal of the Chas. Shultz herd. Sale at

Independence, Kansas, Tuesday, September 25, 1923

affords the greatest opportunity of the season to buy good cattle at prices that are sure to range low.

50 Head, all T. B. tested and sold subject to retest. Many of them high record cows and their daughters. Many of them heavy springers and all sure to sell worth the money.

Sale in the new sale pavilion. Ask for the sale catalog at once. Address,

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

JERSEY CATTLE

JERSEY CATTLE

A Complete Dispersal of Shoal Creek Farm Jerseys

Owned by W. G. Camfield & Sons

Neosho, Mo., Friday, October 19, 1923

60—Head of A. J. C. C. Jerseys—60

FEDERAL ACCREDITED HERD 34422

Register of Merit cows, prize winners and their descendants. One of the most noted herds in the southwest.

Featuring 25 head of females by the great imported bull, NOBLE OF TRINITY, sire of 2 R. of M. daughters, 2 producing sons; and grandsire of Abbe's Trinity Exile, sire of 5 daughters in the Register of Merit, three of which were the highest record cows by one sire in the state for the year 1922.

A few well bred bulls, including the sensational young show bull, RED FLAG'S NOBLE RALEIGH, first prize junior yearling, at Carthage, (Mo.), fair, 1923. He is a son of Red Flag's Fairy Lad, and his dam, Noble's R's Financial Fancy, a Class AAA—847 lbs. butter record, from 10,433 lbs. milk.

It's a sale you can't afford to miss, if interested in high class Jerseys. The catalog will be mailed only on request to

B. C. Settles, Sales Manager, Saint Louis, Missouri

Col. Ed Herriff, Auctioneer, Oklahoma City, Okla. C. L. Carter, Fieldman.

PARKER FARM MAJESTYS

To Be Sold at Dispersal Sale

Thursday, October 25, 1923, at Wolcott, Kansas

50 HEAD—REGISTERED JERSEYS—50 HEAD

This noted herd has an established reputation for breeding high class Jerseys. The predominating blood lines are largely of the MAJESTY family. The herd has been maintained on a profitable basis for the economical production of milk and butter, and nothing but "money makers" have been retained.

Sale includes the senior herd sire, MAJESTY'S JOLLY LAD, who has four daughters in the Register of Merit, and there will be twenty-two of his sons and daughters in the offering. He is a son of Majesty's Raleigh Boy and Golden Jolly's Gray Lady, a noted prize winning daughter of Golden Jolly.

There will be Register of Merit cows, bred heifers, heifer calves, and a few well bred young bulls, by such noted sires as, TIONA'S MAJESTY, CROCUS MAJESTY, SULTAN'S YOU'LL DO, MAJESTY'S JOLLY LAD, MAJESTY'S RALEIGH LAD, COMBINATION YOU'LL DO and SNOWDROPS RALEIGH.

It's a sale worth while and especially attractive to the careful buyer wishing to patronize a sale of high quality Jerseys that represents years of careful selection and breeding. Nothing "doubtful" will be offered and there is not a blemished udder or animal in the sale.

Write today for catalog and particulars to

B. C. Settles, Sale Manager, Saint Louis, Missouri

Col. Perry, Auctioneer, Columbus, O. J. W. Johnson, Fieldman.

Note: Wolcott is on Electric Line between Kansas City, Mo., and Leavenworth, Kan. Cars stop at our door. The farm is also a few minutes walk from the Wolcott station on the Missouri Pacific Ry.

JERSEY CATTLE

24—Registered Jerseys—24

7 Cows and 7 Heifers to freshen this fall; 7 open heifers, 3 bulls. Some of the cows have R. of Merit records. Federal accredited herd. Write at once as these are going to sell. Money talks.

W. R. LINTON, DENISON, KAN.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad. **J. G. Condon, Hiawatha, Kansas.**

SHEEP

Reg. Shropshire Sheep

For sale—Rams, all ages, sired by Imp. sire and dam. Price reasonable. **J. C. Donaldson, Memphis, Mo.**

HAMPSHIRE AND SHROPSHIRE RAMS Best of breeding; reg. Cedar Row Stock Farm, A. S. Alexander, Prop., Burlington, Ks.

AYRSHIRE CATTLE

Diversify With Ayrshires

Sold out of bulls serviceable age but am selling bull calves at \$35.00 and up. Females all ages, open or bred to Canadian Grand Champion bull, one or a carlot at moderate prices. All of proven production and real type, with best of udders and teats. Write or come. Can give terms. **David G. Page, Topeka, Kan.**

CUMMINS AYRSHIRES

Cows, heifers, bull and heifer calves. Tuberculin tested. Good quality. Priced to sell. **R. W. CUMMINS, FRESCOTT, KAN.**

TWO REGISTERED AYRSHIRE BULL calves, six months old. Good breeding. **Leo G. Johnson, Osage City, Kansas.**

breeding, \$250 to \$500; special A. R. O. cows, \$500 and up; bred 2-year-olds, \$175 to \$400; yearling heifers, \$125 to \$250; heifer calves, \$100 to \$150; yearling bulls, \$75 to \$200; special bred 6 months to 1 year \$200 and up.

Guernsey Grades—Backward springers, \$110 to \$130; thin and backward, \$100 to \$110; 2-year-old springers, \$75 to \$125; bred yearlings, \$63 to \$100; unbred yearlings, \$35 to \$75; calves, \$15 to \$35.

Jersey Purebred—Springing cows, good breeding, \$200 to \$350; A. R. O. breeding \$250 to \$500; special A. R. O. cows, \$500 and up; bred 2-year-olds, \$175 to \$400; yearling heifers, \$125 to \$500; heifer calves, \$100 to \$150; yearling bulls, \$75 to \$200; special bred 6 months to 1 year \$200 and up.

Jersey Grades—Backward springers, \$75 to \$110; thin and backward \$100 to \$110; 2-year-old springers, \$60 to \$75; bred yearlings, \$60 to \$100; unbred yearlings, \$35 to \$75; calves, \$15 to \$35.

Over \$65,000 for Royal

More than \$65,000 in prize money will be offered by the American Royal Livestock Show, to be held in Kansas City, Mo., November 17-24, 1923.

More than \$25,000 in premium money is being offered for four breeds of beef cattle, besides a number of silver trophies valued at over \$2,000.

The cash offered in the cattle carlot classes exceeds \$7,000.

More than \$7,500 is being offered for six breeds of hogs. The cash offerings in the carlot swine classes amount to \$1,800.

More than \$2,100 is being offered for seven breeds of sheep, while the offerings in the carlot sheep classes will be \$740.

For draft horses and mules, the offerings are \$7,800 for the principal four horse breeds and mules.

For the evening horse show, there will be \$14,000 to attract the large and small stables.

One very important addition has been made in the class for boys' and girls' livestock clubs of Kansas City's trade territory. This is being fostered by the Kansas City Livestock Exchange with offerings of \$1,000 besides which there is being offered by others \$800 in cash prizes, in addition to special trophies.

College students have opportunities of winning cash prizes in livestock judging contests, and herdsmen, grooms and shepherds are offered special cash prizes for best kept and most appropriately decorated exhibits of their livestock.

A Fair That is Different

The Crawford County Kansas Fair and its veteran secretary, Edward R. Dorsey, do not seem to be following the usual trend toward vaudeville and the trapeze women in pink tights, but instead are turning to things truly rural for excitement and diversion. For instance, the schedule of specialties for the week of fair events, includes a race by mule teams hitched to farm wagons with the side boards on, one of the speed features of the race being the hitching up of the mules. The race, as it were, starts with the mule at the halter.

Another feature is a relay race for women, the race to be run in four acts of 3 miles each, and one act each day for four days. Secretary Dorsey does not say whether the transportation for the women provided in this race, will be horses, bicycles or wheelbarrows.

Heavy Steers Brought the Top

"Better than any load of cattle shown at the American Royal or the International for the last few years," commented an expert at the Kansas City stock yards when C. B. Newby, of Plattsburg, Mo., took in 56 Hereford steers weighing 1,720 pounds each, and sold them June 5 at \$11.15 a hundredweight, the season's record price at that time.

These heavy steers were bred near Sylvan Grove, Kan., and were raised near Wilson, Kan.

Special Train for Dairy Cattle

Due to the large number of dairy cattle which will be shown both at the Dairy Cattle Congress and the National Dairy Exposition a special train will be operated from Waterloo, Ia., to Syracuse, N. Y. The cattle will be loaded immediately after the close of the Waterloo Show, September 30 and special railroad officials will be in charge.

Hogs Marketed by Airplane

For the first time in the history of the country the airplane was used recently in transporting livestock from the territory tributary to the Omaha market. The consignment consisted of five shotes weighing around 150 pounds each, consigned by Peter Parker, Jr., from Dodge county, Neb. Pilot Atkinson made the trip with his five passengers from Hooper, Neb. to Fort Crook in 40 minutes, the remainder of the trip was made by truck. The hogs were sold on the Omaha market to a feeder, as the weights were light.

Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer and Mail & Breeze. This investment is backed by 23 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. **Arthur Capper, Topeka, Kan.**

Large Egg Holdings Reported

Egg holdings made a new record, with 10,503,000 cases on hand, or 342,000 cases more than August 1, 1922, the highest point reached previously. The rate of increase for the month was slightly less than last year, the increase for July, 1923, was 2.75 per cent compared with 3.57 per cent July, 1922.

Holdings of frozen eggs continue to increase, stocks on hand August 1 amounting to 36,203,000 pounds. Last year's holdings for the same date were 27,855,000 pounds and the five-year average 22,025,000 pounds.

Southern Kansas

By J. T. Hunter



H. A. Dressler of Lebo, Kan., whose farm is three miles south and three miles east of town, has two sows in his Duroc herd that have won first and second place in aged class and sow with litter at the Coffey County Fair for several years past. He has a number of descendants of these two sows in his herd. Mr. Dressler will hold his fall sale September 24.

W. D. CoComas, Wichita, Kan., held his annual summer sale Tuesday, September 4. Sixteen Duroc sows and gilts, five of which had pigs at side, averaged \$27.50, a satisfactory average under present conditions. Top was a daughter of Pathmaster at \$45 to Wm. McLean, Jerome, Gove county, Kan. Mr. McLean bought several of the better hogs including the purchase of Critic. Satisfaction, a herd sire, preceding the sale. Six buyers took the offering that sold snappily in less than 30 minutes.

J. C. Banbury & Sons, Pratt, Kan. is a firm name synonymous with Polled Shorthorns. They have a good herd headed by six to eight bulls and maintained at 200 head. The Banburys have sold many Polled Shorthorns at private treaty in the several years that they have maintained this herd and in the semi-annual sales they have put on in recent years buyers were present from all parts of Kansas. November 5 is the date set for the coming fall sale.

Farmers at recent purebred hog sales take hold slowly in bidding on open sows and spring gilts but seem inclined to pay good prices for spring boars that are sent them. At the Bruce Newkirk, Hartford, Kan., Duroc sale held at Burlington, Kan., Saturday, September 8, seven head tried sows averaged \$36.35; 16 fall gilts, \$36.50; two open fall gilts, \$22.50; two spring gilts, \$9.00, and seven spring boars, \$26.50. Top was a daughter of Great Orion Sensation out of a daughter of Scissors at \$82.50 to John Shobe, Strawn, Kan. Four spring littermate sows of Goldmaster sold at \$30, \$36, \$38 and \$38. A litter sister sold at \$36. Twenty buyers took the 34 head.

SOLD TEN HEAD IN TWO WEEKS

We have had good demand for bred gilts and pigs, having shipped out 10 head the past two weeks, all sold thru the Adv. in Kansas Farmer and Mail & Breeze. Have just two bred gilts left to sell.—**Homeer Drake, Sterling, Kan., Breeder of Duroc Jersey hogs, 8-16-23.**

Northern Kansas

By J. W. Johnson



Wm. McLean, Jerome, Gove Co., Kan., raised wheat in a middle west county. Failed to make money. Moved further west and went broke at wheat raising. Four years ago he moved to Jerome, taking with him a small herd of purebred Durocs.

Public Sales of Livestock

- Holstein Cattle
Sept. 25—Montgomery County breeders, Independence, Kan.
Oct. 10—101 Ranch, Marland, Okla.
Oct. 15—Ralph Jennings, Junction City, Kan.
Oct. 18—Guy E. Wilcox and A. B. Wilcox, Topeka, Kan.
Nov. 3—Northeast Kansas Breeders, Valley Falls, Kan.
Nov. 15—Breeders sale, Topeka, Kan.
Nov. 12—W. H. Shroyer, Miltonvale, Kan.
Nov. 19—State Sale, Wichita, Kan.
Jan. 25—"Show Sale" Wichita, Kan.
Shorthorn Cattle
Oct. 4—Hosford & Arnold, Lawrence, Kan.
Oct. 4—M. H. Anthony, Zenda, Kan.
Oct. 10—Shortgrass Breeders Assn. sale at Moreland, Kan.
Oct. 23—R. B. Donham, Talmo, Kan.
Oct. 24—S. B. Amcoats, Clay Center, Kan.
Oct. 30—R. W. Dale, Almena, Kan.
Nov. 3—E. C. Smith & Son, Pleasanton, Kan.
Nov. 6—Dickinson County Breeders, Abilene, Kan.
Nov. 22—American Royal Sale, Kansas City, Mo.
Oct. 31—Northwest Kansas Breeders, Concordia, Kan.
Polled Shorthorns
Oct. 30—W. A. Prewett & Sons, Asherville, Kan.
Nov. 6—S. H. Haight, Rantoul, Kan.
Nov. 8—J. C. Banbury & Sons, Pratt, Kan.
Red Polled Cattle
Nov. 1—Halloran & Gambrell, Ottawa, Kan.
Nov. 15—C. O. Wilson, Rantoul, Kan.
Hereford Cattle
Sept. 17—R. M. Comfort, Minneapolis, Kan.
Sept. 22—Mora E. Gideon, Emmett, Kan.
Sept. 27—Paul Junod, Vermillion, Kan., at Onaga, Kan.
Oct. 16—C. G. Steele, Barnes, Kan.
Oct. 17—Ed Nickelson, Leonardville, Kan.
Oct. 17—Janssonius Bros., Prairie View, Kan., at Phillipsburg, Kan.
Oct. 26—Harry Hitchcock, Bellaire, Kan.
Jersey Cattle
Oct. 17—Barnes & Horton, Blue Mound, Kan.
Oct. 19—W. G. Camfield & Sons, Neosho, Mo.
Oct. 25—Parker Farm, Walcott, Kan.
Chester White Hogs
Jan. 29—Wiemers Bros., Diller, Neb.
Oct. 18—Wm. Buehler, Sterling, Neb.
Feb. 9—Ben F. Henrichs, Diller, Neb.
Poland China Hogs
Sept. 22—H. E. Esty, Leshara, Neb.
Oct. 3—M. B. Gamble, Greensburg, Kan.
Oct. 8—S. U. Peace, Olathe, Kan.
Oct. 9—Ed. Brunner, Jewell, Kan.
Oct. 10—J. L. Griffiths, Riley, Kan.
Oct. 15—E. U. Ewing & Son, Beloit, Kan.
Oct. 16—R. A. McElroy, Randall, Kan.
Oct. 16—H. B. Walter & Son, Bendena, Kan.
Oct. 17—J. C. Dawe, Troy, Kan., at Bendena, Kan.
Oct. 20—Jess E. Rice, Athol, Kan.
Oct. 22—Grant Appelby, Ames, Kan.
Oct. 24—Laptad Stock Farm, Lawrence, Kan.
Oct. 25—Mrs. A. J. Swingle, Leonardville, Kan.
Oct. 29—W. A. Prewett & Sons, Asherville, Kan.
Nov. 6—S. H. Haight, Rantoul, Kan.
Nov. 7—Geo. Wharton, Agenda, Kan.
Nov. 14—Chas. Krill, Burlingame, Kan.
Jan. 25—O. R. Strauss, Milford, Kan.
Jan. 26—Fitzsimmons & Pride, White City, Kan.
Feb. 1—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 7—H. B. Walter & Son, Bendena, Kan.
Feb. 8—J. C. Dawe, Troy, Kan., at Bendena, Kan.
Feb. 9—L. E. Knox, South Haven, Kan.
Feb. 11—A. L. Wiswell & Son, Ocheltree, Kan.
Feb. 15—C. J. Shanline, Turon, Kan.
Feb. 18—Logan Stone, Haddam, Kan.
Spotted Poland China Hogs
Oct. 5—C. E. Hodgden, Thayer, Kan.
Oct. 8—C. W. Bale, Chase, Kan.
Oct. 11—Henry Haag, Holton, Kan.
Oct. 12—Community Breeders Sale, Chapman, Kan.
Oct. 12—Dr. J. A. Beveridge, Marysville, Kan.
Oct. 16—D. J. Mumaw, Onaga, Kan.
Jan. 3—R. J. Bazant, Narka, Kan.
Jan. 17—R. J. Bazant, Narka, Kan.
Feb. 19—R. R. Frager, Washington, Kan.
Feb. 20—J. S. Fuller, Alton, Kan.
Oct. 23—Jas. M. Spurlock, Chiles, Kan.
Duroc Jersey Hogs
Sept. 24—H. A. Dressler, Lebo, Kan.
Oct. 2—John Loomis, Emporia, Kan.
Oct. 6—H. B. Marr, Ft. Scott, Kan.
Oct. 9—M. Stensias & Sons, Concordia, Kan.
Oct. 11—M. A. Martin, Paola, Kan.
Oct. 13—H. W. Flook & Son, Stanley, Kan.
Oct. 15—Hieber & Hylton, Osawatomie, Kan.
Oct. 16—C. W. O'Connor, Wellsville, Kan.
Oct. 17—J. C. Martin, Jewell, Kan.
Oct. 18—Vern V. Albrecht, Smith Center, Kan.
Oct. 18—John P. Johnson, Lindsborg, Kan.
Oct. 19—Ross M. Peck, Gypsum, Kan.
Oct. 19—J. J. Smith, Lawrence, Kan.
Oct. 19—Glen R. Coad, Cawker City, Kan.
Oct. 24—Laptad Stock Farm, Lawrence, Kan.
Oct. 24—J. H. Marey, Fall River, Kan.
Oct. 25—J. F. Larimore & Sons, Grenola, Kan.
Oct. 27—Giles Bouse, Westphalia, Kan., and

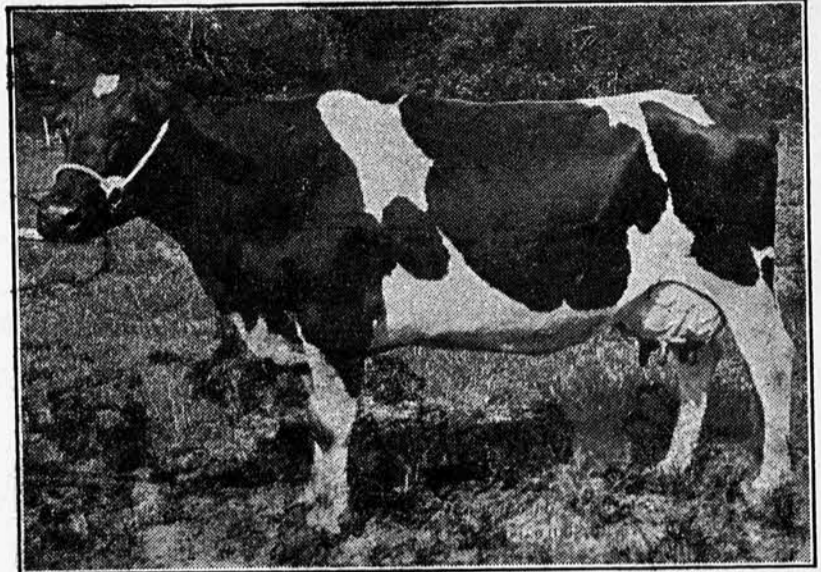
Starke's Big Holstein Dispersion Sale

Thursday, October 11

on farm four miles East of Red Cloud, Neb. Twenty miles north of Smith Center, Kan.

90—HEAD—90
Blood Lines and Records
as Good as the Breed
Affords

2 HERD BULLS, 8 YOUNG BULLS READY FOR SERVICE, 50 COWS that have had one or more calves. All of good ages, 13 BRED HEIFERS and a fine lot of heifer and bull calves. All but a few of the cows have A. R. O. yearly records of from 8000 to 12000 lbs of milk. Much of the offering will be sired by or bred to the great bull SIR PRETERTJE DROSKY NO. 389467.



Mable Lorinda A. R. O. Record 25,425 Lbs. Milk One Year, 1207 Lbs. Butter. Included In Sale.

This will be a great opportunity for those desiring to start foundation herds or add new blood. No herd in the West has such a large amount of A. R. O. blood. Large sums of money were expended in laying the foundation for this herd and any reader of this paper looking for the best should attend this sale.—Jesse R. Johnson.

Everything sells without reserve. Write for catalog and mention this paper.

Starke Brothers, Red Cloud, (Webster Co.) Neb.

Col. J. E. Mack, Auctioneer.

Net Profit!



Every man who milks cows for a living knows that net profit -- income over labor and feed costs -- determines the value of a dairy herd.

Holstein Herds Assure Net Profit --

through large, economical production of milk and butter-fat, regular crop of healthy calves, greater salvage value from animals after milking days are ended.

Holsteins Will Increase Your Net Profit

Let Us Tell You the Story of the Holstein Cow.

EXTENSION SERVICE, The Holstein-Friesian Association of America, 230 East Ohio Street, Chicago, Ill.

HOLSTEINS

- Ralph Scott, Burlington, Kan. Sale at Burlington, Kan.
Oct. 26—W. W. Otey and Sons, Winfield, Kan.
Oct. 27—F. C. Woodbury & Son, Sabetha, Kan.
Nov. 3—E. C. Smith & Son, Pleasanton, Kan.
Nov. 5—F. R. Jenne, Luray, Kan.
Nov. 6—West Mitchell County Breeders, Cawker City, Kan.
Nov. 15—C. O. Wilson, Rantoul, Kan.
Jan. 21—M. Stensaaas & Sons, Concordia, Kan.
Feb. 2—E. O. Hull, Reece, Kan.
Feb. 4—Frank J. Schaffer, Pratt, Kan.
Feb. 5—Zink Stock Farms, Turon, Kan.
Feb. 5—John Hern, Wamego, Kan.
Feb. 6—G. M. Shepherd, Lyons, Kan.
Feb. 6—E. E. Norman, Chapman, Kan.
Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 7—M. I. Brower, Sedgewick, Kan.
Feb. 8—W. D. McComas, Wichita, Kan.
Feb. 8—L. L. Humes, Glen Elder, Kan.
Feb. 9—Ben F. Henrichs, Diller, Neb.
Feb. 9—Breeders' sale, Concordia, Kan.
Feb. 9—G. B. Wooddell, Winfield, Kan.
Feb. 11—Leo J. Healy, Council Grove, Kan.
Feb. 12—W. R. Huston and S. M. Biddison & Son, Americus, Kan.
Feb. 13—H. E. Mueller, Macksville, Kan.
Feb. 14—Glenn Loughead, Anthony, Kan.
Feb. 14—J. M. McDaniels, Scottsville, Kan.
Feb. 20—D. Arthur Childers, Emporia, Kan.
Feb. 23—G. W. Blitzenstaff, Oberlin, Kan.
Feb. 23—Ray Cooley, Plymouth, Kan., and Will Albin, Saffordville, Kan. Sale at Emporia, Kan.
Feb. 25—Mike Stensaaas & Sons, Concordia, Kan.
Feb. 27—W. A. Gadsfelder, Emporia, Kan.
March 12—John Hern, Wamego, Kan.

350 Holsteins at Auction

101 Ranch, Marland, Okla., October 10

SALE INCLUDES 20 Registered cows, 10 heifers and 20 bulls. The cows and heifers are bred to KING YANKEE LEFA SEGIS. His dam and the dam of his sire each produced more than 32 pounds of butter in seven days. The 20 bulls are good enough and bred well enough to head purebred herds. 150 High Grade cows now giving milk. 150 High Grade bred heifers and dry cows.

EVERY COW AND HEIFER IN THIS SALE was sired by registered bulls and their first and second dams were all sired by registered bulls and all are now bred to registered bulls.

THEY ARE ALL PRACTICALLY PURE BRED (but cannot be registered.) These good cows will give you a daily income that never fails. It will be your opportunity of a life time to buy the best of quality for a small price. No other investment will enable you to clip a coupon from it every day. Diversified farming will make you more prosperous and good cows have an important place on a diversified farm.

SPECIAL FEATURES: FREE FREIGHT; FARE PAID

Realizing that buyers from a distance of 100 to 300 miles are at a disadvantage in bidding against buyers who live close to the Ranch, we offer this proposition: If the buyers from any community will club together and buy a carload of 20 or more, we will pay the freight to any station in Kansas or Oklahoma. In order that the buyers may receive the advice of their county agents, we will also pay the railroad fare of any County Agent in Kansas or Oklahoma, who attends the sale, provided the farmers of his county buy 20 or more of the cattle in the sale.

SALE STARTS 10 A. M. RAIN OR SHINE. The 101 Ranch is four miles north of Marland, four miles west and five south of Ponca City. Free automobile service from both stations to the ranch on sale day.

Miller Bros., 101 Ranch, Marland, (Bliss) Oklahoma

Auctioneers: F. S. Ball & Boyd Newcom. F. S. Kirk, Sales Mgr. J. T. and A. B. Hunter, Representing Capper Farm Press

HOLSTEIN CATTLE

MOTT'S SALE CALENDAR

Coming Holstein sales:
Sept. 25—Montgomery County Breeders, Independence, Kan.
Oct. 15—Ralph Jennings, Junction City, Kan.
Nov. 12—W. H. Schroyer, Miltonvale, Kan.
Nov. 15—Breeders' sale, Topeka, Kan.
Nov. 19—State sale, Wichita, Kan.
Jan. 25—"Show Sale," Wichita, Kan.
If you want to buy write to Mott.
If you want to sell write to Mott.
Address, Herington, Kan.

BONACCORD HOLSTEINS

For sale, cows and heifers due to freshen soon, A. R. O. stuff, baby bulls out of high record dams, also a few grade heifers. (Federal accredited herd.)
Duroc girls, bred or open, also good boars.
LOUIS KOENIG, SOLOMON, KANSAS

Do you want to buy Holsteins?

Do you want to sell Holsteins?

If you do, write today.
W. H. MOTT, Sec. Kan. Holstein-Friesian, Herington, Kan.

HOLSTEINS

Splendidly marked, high grade heifers, 6 weeks old, \$20 each, shipped C. O. D. Registered bull calf given free with 10-head order. Wildwood Farms, Stillwater, Minn.
FOR SALE—Three registered Holstein cows and two heifer calves. Must be sold within two weeks. David Wiebe, Hillsboro, Kan.

BRAEBURN HOLSTEINS
Bull calves for sale; also cows and heifers. H. B. Cowles, 433 Kansas Ave., Topeka, Kan.

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere, write Edgewood Farms, Whitewater, Wisconsin

HOLSTEIN CATTLE

Holstein Sale

at Farm 5 mi. southeast of Topeka.
September 25, 1923

75 head of registered and high grade—30 head registered and high grade in milk and springers. 20 head Registered heifers from calves to two years old. 10 head high grades in milk and springers, 10 high grade heifer calves. Two herd bulls, 5 bulls under one year. This entire herd is my own breeding. Out of town buyers call at 201 E. Sixth St., Topeka, for conveyance to sale. For further particulars, write
C. L. Bigham, Rt. 1, Topeka, Kan.

We Are Offering for Foundation Herd

Two heifers and bull; unrelated. Best lines of breeding that can be secured at any price. Write for further information to COLLINS FARM CO., SABETHA, KAN.

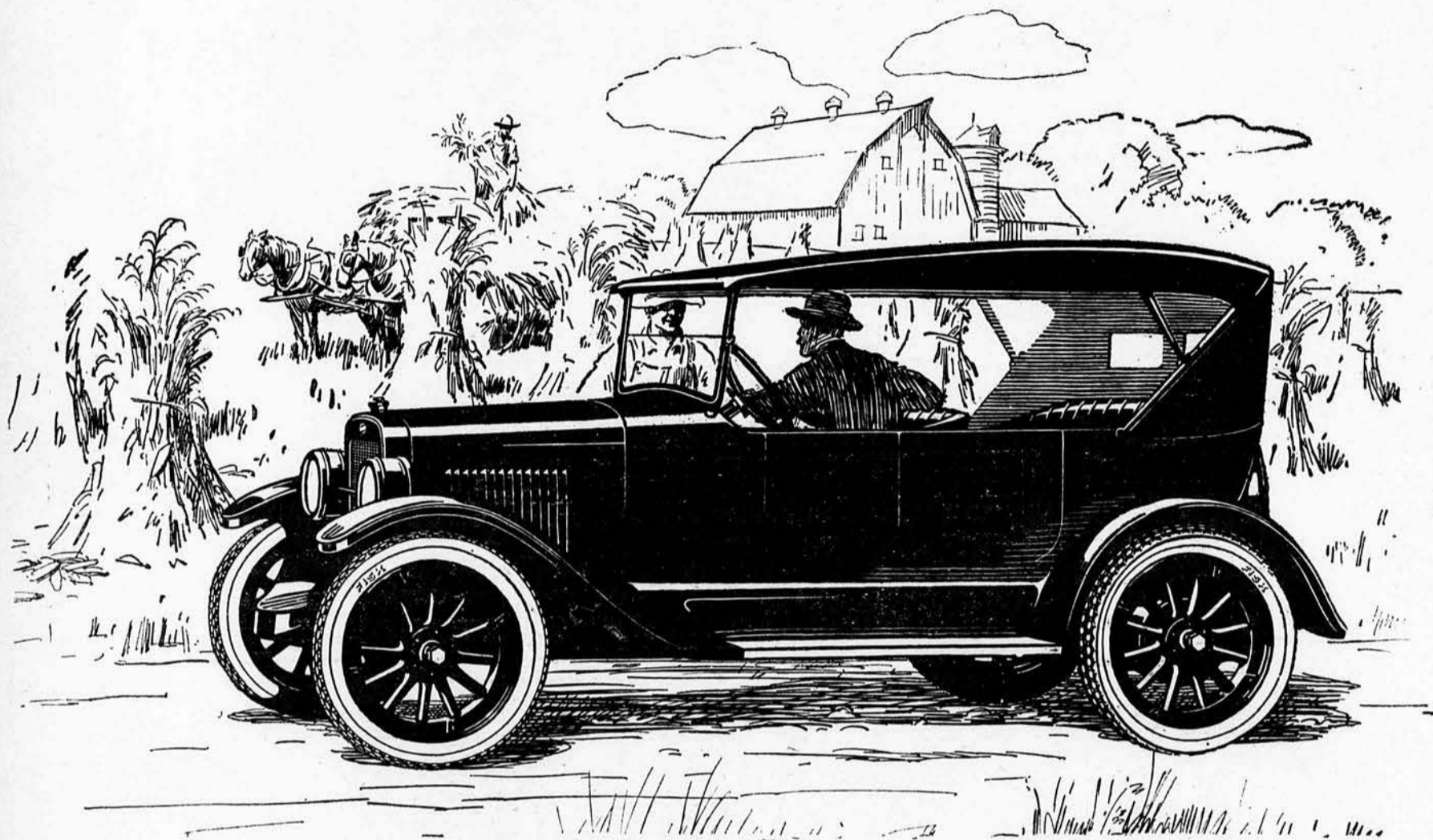
Two Reg. Holstein Friesian Bulls

Ready for service from 28.9 lb. sire tested dams, good individuals. Price \$75 and \$100. GEORGE DOWNIE, LYNDON, KAN.

The New

Overland

Touring \$495 f.o.b. Toledo



All-Steel Body With Baked Enamel Finish

Tough steel of ample thickness to withstand hard usage around the farm. Enamel, baked on—literally fused into the steel body at a temperature of 450° F.—a process that is possible only with an all-steel body—guaranteeing permanence to the lustrous finish of the Overland touring car.

Triplex springs (Patented) which give great riding ease, an immensely strong rear axle, a powerful, dependable engine that returns 20 miles and more to the gallon of gasoline—

These are *added* values which combine to make owners call the Overland "the most automobile in the world for the money."

WILLYS-OVERLAND, INC., TOLEDO, OHIO
Willys-Overland Ltd., Toronto, Ont.

Roadster \$495, Red Bird \$695, Coupe \$750, Sedan \$795; f. o. b. Toledo.
We reserve the right to change prices and specifications without notice.