

Twenty Pages

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# The <sup>copy</sup> FARMERS MAIL AND BREEZE

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No. 25.

## How Does Your Garden Grow?

Don't Quit Work When the Warm Days Come

A GOOD garden can be made one of the chief sources of pleasure on a farm. At the same time it will do much to conserve the health of the family, and to lower the living cost. Kansas does not produce enough vegetables for its people; many million dollars' worth of truck crops is imported every year. This is in the face of the fact, too, that much of the soil in this state is especially well adapted to vegetables. G. C. Curtis of Hutchinson, for example, has made an average return of more than \$400 an acre from his six acre farm for several years.

Mr. Curtis is a successful specialist; perhaps the average grower cannot do so well. For that matter many Kansas farmers are so situated that

it will not pay them to produce truck crops for the market. But every farmer can well afford to give the time it takes to produce plenty of vegetables for home use. Father and the boys should do this garden work; not mother and the girls.

There are many garden crops that can be grown yet this year; it doesn't pay to stop the garden work when hot weather comes, although this is the rule on many farms. Fall gardens usually do well when the cool, moist weather of the latter part of September comes.

Farmers can get a good living at a lower cost than any other class. The best quality of vegetables can be grown, and they can be placed on the family table without exposure to the dirt and germs of a market place.



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THE FARMERS MAIL AND BREEZE

Rain Halts Wheat Harvest

And Some Grain is Down—Fine Growing Weather

By Our Crop Correspondents.

TOO much rain, is the complaint now in sections of the state where wheat is ready to cut. Idle machines and harvest crews, and wheat going down, do not constitute a pleasing prospect just as the finest crop in the history of the state was within reach. But the damage is not great as yet and unless there is a long, rainy spell it is believed all the down wheat will straighten out again on the return of drying weather.

Cooler weather has checked ripening in the northern and northwestern counties, giving a few days added time in preparing for harvest—especially in obities, giving a few days added time in that part of the state. Many fields taining help which is reported scarce in that part of the state. Many fields that looked to be ready for the binder on June 25, can now wait until July 1. While the showery weather has been unwelcome in the harvest fields, it has been making all growing vegetation get a hump on itself—weeds included. From present indications corn fields are going to be weedy by the time harvest is over.

KANSAS.

Morton County—Weather very warm and ground is getting dry. Prospects fine for good crops of milo and cane. Grass good. Most wheat headed but the green cutting will be late.—E. E. Newlin, June 12.

Linn County—Crops in good condition generally. Army worms did a little damage in some parts of the county. Oats damaged somewhat by bugs. Cherry and berry crops heavy and in good demand.—C. T. Baker, June 8.

Shawnee County—One and a fourth inches of rain has put things in fine growing condition. Corn looks well. Wheat harvest in full swing. Scarcely no damage to the wheat. Wheat 68c; eggs 15c.—J. P. Ross, June 13.

Kiowa County—Harvest will begin about June 15. Wheat is very good and there is no Hessian fly to speak of. Corn is too slow to get much done to it before harvest. Pastures very weedy. Have had no rain for ten days.—H. E. Stewart, June 13.

Harvey County—Harvest will begin June 15. Wheat a little rusty and there is some complaint of the fly. Army worm doing considerable damage in alfalfa fields. Wheat 84c; corn 85c; oats 45c; new potatoes \$1.25; eggs 14 to 15c.—H. W. Prouty, June 12.

Nemaha County—Plenty of moisture. Wheat harvest will commence June 20. Hessian fly doing some damage to wheat. First cutting of alfalfa in good condition. Timothy will be a light crop. Corn is clean and growing fine.—C. W. Ridgway, June 13.

Franklin County—From 2 to 3 inches of rain on June 11. Some wheat, oats, and grass damaged by the dry weather. Worms and bugs have done some damage but the prospects are the best for several years. Wheat harvest beginning.—H. O. Cain, June 13.

Republic County—From 8 to 12 inches of rain in the west and north part of the county in the last 10 days. Some alfalfa yet to be put up and what has been stacked is rotting. Corn growing well but most of it has been disked only once.—E. Erickson, June 13.

Thomas County—Have had windy weather for almost a week and unless it rains soon the wheat yield will be cut. The crop will average about 10 bushels if everything is favorable from now on. Corn and feed slow. Eggs 15c; cream 23c.—C. C. Cole, June 10.

Sedgwick County—Weather warm and windy with showers. Wheat cutting will begin June 16. Crop is in fine condition. Oats good. Some farmers are just finishing the first cutting of alfalfa and others will soon cut the second crop.—J. R. Keiso, June 13.

Pawnee County—First crop of alfalfa put up and it was good. Harvest will start next week. Straw worms or Hessian fly are killing lots of wheat. Horcs in fine condition and good ones sell from \$400 to \$600 a pair. Hogs \$7.25.—C. E. Chesterman, June 13.

Rush County—Wheat maturing rapidly with plenty of moisture to carry it through. Harvest will begin on June 22 and 4,000 extra men will be needed. Wheat is the best in the history of the county. Corn clean and is making rapid growth.—J. F. Smith, June 13.

Osborne County—Ground thoroughly soaked and plants are filled. Crops of all kinds growing fine. Not very good weather for haying. Wheat is beginning to turn. The fly has done some damage to the early sown fields. Wheat 80c; corn 78c.—W. F. Arnold, June 13.

Comanche County—Will begin harvesting the largest and best wheat crop ever raised in the county on June 15. The estimated yield is 22 bushels to the acre. The oat crop is fine also. Corn and kafir backward and a little weedy. Cattle doing well.—S. A. DeLair, June 13.

Jefferson County—A good rain on June 10. Wheat is beginning to turn and the harvest will soon begin. Army worm and Hessian fly are reported in some parts of the county. Corn looking fine and in good condition. First cutting of alfalfa good.—Z. G. Jones, June 11.

Rooks County—Harvest will be on June 20. Some fields run as high as 35 per cent dead heads. Corn doing fine. Feed has been slow. Millet doing fine. Farmers need harvest hands. Oats good. Wheat 80c; corn 82c; oats 50c; eggs 14c; butter fat 20c.—C. O. Thomas, June 12.

Pottawatomie County—Plenty of rain. Best wheat crop we have ever had. Oats very good and farmers will begin cutting wheat and oats before July 4. Potato bugs bad. Cherries light crop. Peaches scarce. No hay crop this year on account of weeds.—S. L. Knapp, June 8.

Barton County—Good rain today and it was needed. Wheat harvest will begin next week. Farmers complaining of dry, windy weather and the last three days of cutting down both quantity and quality of wheat. Rain too late to do much good. Wheat 82c; corn 84c.—J. A. Johnson, June 12.

Atchison County—Corn and pastures making rapid growth. We have enough as the turf so far but will need more soon as the subsoil is dry. Wheat harvest will commence in the next seven days. Bugs and mice in the next seven days. Army flies have done very little damage. Hog worms are infesting alfalfa fields. Hog cholera is prevalent.—C. H. Peerer, June 15.

Decatur County—Wheat was cut short about 25 per cent by wind the first of the week. About an inch of rain Friday night. Binding will commence in about a week or ten days and heading in about two weeks. All the wheat is tall enough to bind. Spring grains good.—G. A. Jern, June 13.

Scott County—Good rains over the county one June 11 and 12. All crops doing well. Stock fat and sleek. Some damage done by army worms. Corn cultivation and the planting of late foilder crops is the order of the day. Wheat is filling. First crop of alfalfa being cut.—J. M. Helfrick, June 13.

Gray County—Harvest will begin about June 17. Some fly in the wheat and a little blade rust but the crop is good. Kafir looks good and corn is growing nicely. Barley and oats doing well but some fields are weedy. Stock doing well, especially cows. Butter fat 22 1/2c; eggs 16c; oats 50c.—A. E. Alexander, June 13.

Sumner County—Wheat harvest is on and the crop is the best in several years. Early oats will be harvested next week. They are good. Some late oats will be poor. This is good. Some late oats will be poor. This is good. Some late oats will be poor. This is good. Some late oats will be poor. This is good.

Marion County—Wheat harvest has begun. Farmers very busy cultivating corn before harvest. Some farmers have cut their alfalfa for the second time. Quite a little rust in the oats. Corn is growing nicely. Have seen no chinch bugs in the corn. Stock doing well. Wheat 83c; cream 20c; eggs 15c.—Jac. H. Dyck, June 12.

Ottawa County—Harvest began June 10 and wheat is fine. Yield for the county will average about 20 bushels. Damage from Hessian fly will amount to about 10 per cent. Corn is 2 feet high and stand is good generally. Oats beginning to ripen and yield will be good. Stock is living on weeds in pastures.—W. S. Wakefield, June 13.

Riley County—A general rain would be of much benefit. Wheat is ripening and some of it is damaged by the Hessian fly. Corn and growing nicely and the fields are clean and well cultivated. Some of the sorghum crops made a poor stand. Lots of young colts in the county. Grasshoppers rather numerous. Eggs 15c; corn 80c.—P. O. Hawkinson, June 13.

Ness County—Farm work delayed by too much rain. Corn growing rapidly but needs cultivation. Feed planting about finished and acreage is big. Wheat has not been injured by insects or hot weather but some of it is lodging badly. Harvest will begin in two weeks and outside help already coming in. First cutting of alfalfa being put up. Wild hay is fine.—C. D. Foster, June 13.

Wilson County—Hessian fly and army worm have had their day and have done considerable damage, but crops are better than usual. Kafir and cowpeas are being put in. Stock of all kinds doing well. Cattle and hogs scarce. Wheat being cut and yield is fair. Oats will be good with seasonable weather from now on. Corn 80c; eggs 14c; butter 18 to 22c.—S. Carty, June 11.

McPherson County—Over four million bushels of wheat waiting to be harvested in this county. Harvest will begin about June 22 and laboring men will be welcome here. Oats in fine condition. Corn is being cultivated but it seems to be a little slow. For the first time in many years no insects are reported in this county. Pastures good. First crop of alfalfa has been taken care of.—John Ostrin, June 10.

OKLAHOMA.

Cotton County—Wheat and oats nearly all cut. Most corn in tassels. Have had fine harvesting weather. Cream 18c; eggs 12c.—Lake Rainbow, June 12.

Pawnee County—This is the fourth week without rain. Corn beginning to tassel. Oat cutting has begun and crop will be good. Cotton is small and is not doing very well.—V. Funkhouser, June 12.

Pushmataha County—Two weeks of dry weather after so much rain and ground is baked. Grass and stock doing well. Not many sweet potatoes put out on account of scarcity of slips. New potatoes \$1.25.—K. D. Olin, June 12.

Hughes County—Better prospects for wheat and oats than ever before. Harvest is on. More binders sold this year than ever. Potatoes are good. Hay crop fair but weedy. Second crop of alfalfa being cut. Cherries good.—Albin Haskett, June 12.

Garfield County—Wheat harvest is half over and weather is fine. Second crop of alfalfa coming right after harvest. Farm help is scarce. Total damage to wheat by insects, rain, wind, etc., amounts to not more than 2 per cent.—Jac. A. Vein, June 13.

If the weather should turn dry the newly planted trees will need special care. Keep the soil around the trunk loose. To supply moisture, try setting a lard can into the earth 2 or 3 inches, punch a hole in the bottom nearest the tree trunk, and keep filled with water. This keeps the surface from baking.

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# THE FARMERS MAIL AND BREEZE

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## Hogs Pay Big Profits

### Seed Corn Production at Bendena

**P**UREBRED Poland China hogs and seed corn are the leading lines on the 280-acre farm of Herman Gronniger & Sons, near Bendena, Kan. Mr. Gronniger is perhaps the oldest breeder of Polands in the state; he has been in the business 38 years. He has 20 sows in the breeding herd, and they bring two litters a year. The medium-sized Polands are the ideal on this farm.

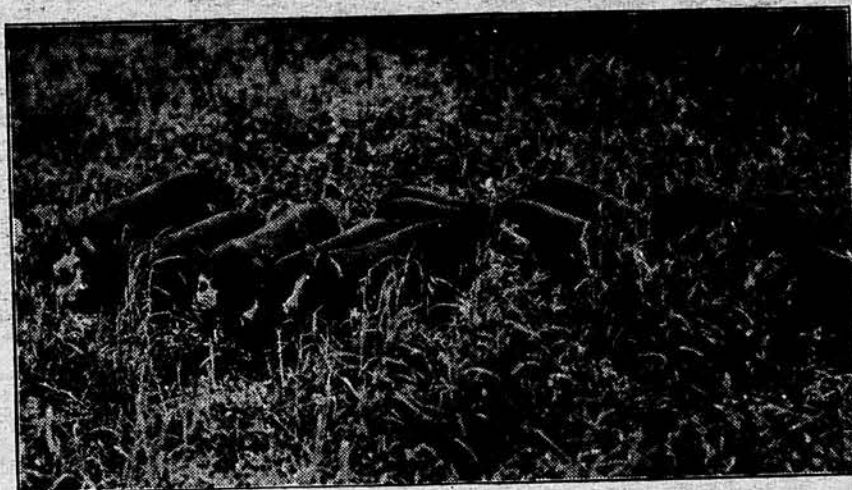
"We breed for the utility type of hog," Mr. Gronniger said. "Our aim is to get all the size possible, and at the same time to retain the easy feeding qualities that are so essential to profitable pork production. It is the big, smooth, prolific, heavy-boned Poland Chinas that blend size and quality that find a ready welcome in our herd."

The spring litters come in the late winter as a rule, so they will get an early start. The sows are kept at farrowing time in a well equipped hog house so the temperature and other conditions can be controlled absolutely. These farrowing pens are in a warm shed on the south side of the main barn. There are 13 pens, each 7 by 9 feet. Separate runways extend outside the building, so the animals can get all the exercise they need. The floor in these outside runways is of concrete, but wood is used inside the shed, as Mr. Gronniger believes that concrete is too cold in the winter. A stove is placed in the shed, so the room can be warmed. The glass is continuous on the south side, so the pens are supplied with an abundance of sunlight.

A great deal of the feed for the hogs is obtained on pasture, in both winter and summer. In the summer the hogs have alfalfa, red clover and bluegrass, and in the winter they run on rye. Fourteen acres of rye was planted for pasture last fall, and produced a great deal of feed through the winter. Mr. Gronniger is especially well pleased with the crop.

There is not a great deal of additional feed given the hogs when they are on the pasture in the summer. The mature animals get a little dry corn; the grain is soaked for the younger animals. Some slop is sometimes given the sows, so they will keep up their milk flow. An extensive use is made of alfalfa hay in wintering the hogs. This hay is the cheapest source of protein for the hogs that Mr. Gronniger has. It has been very satisfactory, especially for the sows. It is essential that they should get a ration high in protein if they are to produce large and well formed litters.

In the 38 years Mr. Gronniger has been in the hog business he has worked up a very extensive trade. It has been extended into about 30 states, and in addition hogs have been shipped into Argentine. Perhaps the main reason for this extended



By F. B. NICHOLS, Field Editor

trade is that Mr. Gronniger has built up a herd that has good quality. His sales are always well attended.

Five herd boars usually are kept, and they have a combination of breeding that is very popular among the Poland men. The leading boar is Defensive 57352; farrowed March 7, 1910, in a litter of 10 pigs. He was bred by H. C. Dawson & Sons of Endicott, Neb. He won first as a pig in the livestock show at St. Joseph in 1910. He is in the 800-pound class, and he is very lengthy and deep bodied. He has good bone. His sire was Defender 54201.

Another herd boar of great promise is Tecumseh Ex. 66691. His sire was Exalter 57356. Tecumseh Ex. weighed more than 500 pounds when a year old. He has especially good spring of ribs. Other herd boars are Exalter's Rival 68366 and Victor's Expansion 69009.

When Mr. Gronniger started in the Poland business he realized how essential it is that one should grow good corn to feed them on. This naturally gave him an interest in this crop, and in improving it. He soon began to pay special attention to corn, and to selecting the seed so he could increase production. This naturally started him to producing better corn, and he soon began to sell seed corn. He definitely started in the seed corn production business about 24 years ago.

Boone County White and Reid's Yellow Dent are the two varieties on which work has been done. A special effort is made in selecting ears that conform closely to type. Much gain has been made in detasseling stalks, and thus forcing cross pollination. One result of the breeding methods of Mr. Gronniger has been that he

### A Poland Business 38 Years Old

has won an amazing number of prizes in the last few years at corn shows, from the National Corn exposition on down. Several prizes were awarded Mr. Gronniger and his sons at the State Corn show at Manhattan last winter.

Some of the good results in corn growing have come from the soil being in good condition for the crop. The maintenance of soil fertility on the Gronniger farm is of even more importance than the proper growing of the pigs or the corn, Mr. Gronniger said, and in line with this belief he has worked out a crop rotation that

contains a prominent place for leguminous crops. Of these leguminous crops the leading one is alfalfa, for it has been the experience of Mr. Gronniger that it is the most profitable.

As a rule the alfalfa seedings on the Gronniger farm are successful, probably because special care is taken in the preparation of the seedbed. Sometimes the crop fails, but this is not the rule. The crop usually is sown in August, and the seeding is light, it generally running from 12 to 15 pounds an acre.

"The main thing in preparing the seedbed for alfalfa is to get it well worked down," said Mr. Gronniger. "This can be obtained by disking and harrowing the soil after it is plowed. This working will conserve moisture, and it will promote the formation of plant food. Have the seedbed very firm with just a little loose dirt on top when the seed is sown."

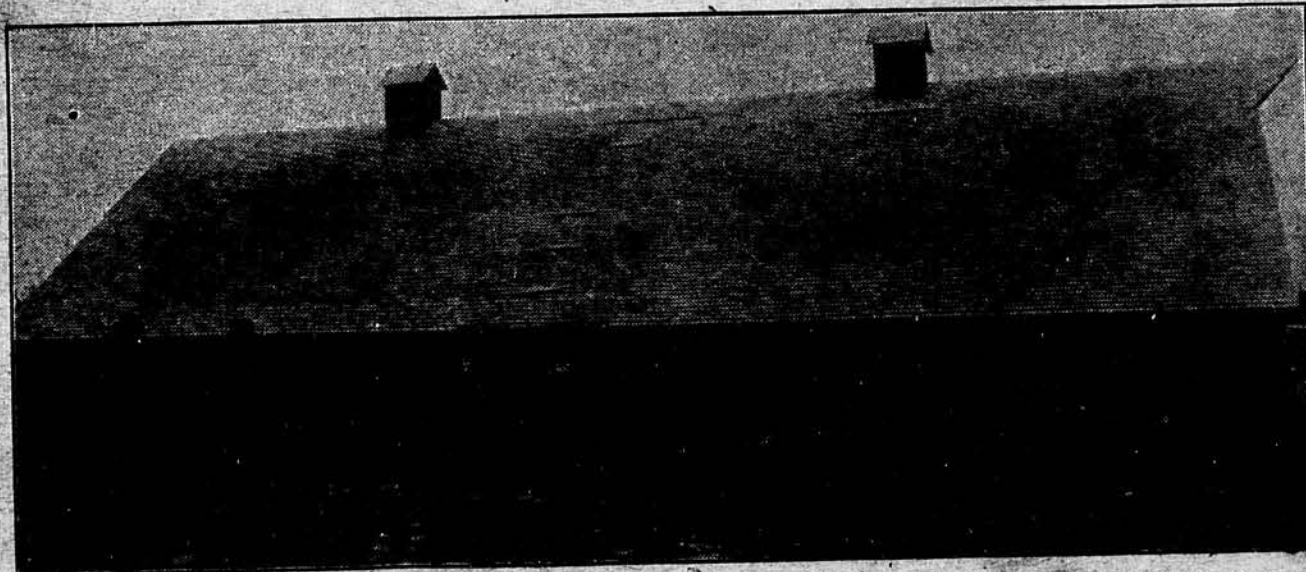
The greatest care is taken in cutting the alfalfa on the Gronniger farm, to get it cured so the quality will be good. The main aims are to save the leaves and to prevent bleaching. The crop is cut just after the first blooms have started. If it is left much longer than this it tends to get woody rapidly, and the percentage of crude fiber is increased.

The hay is left in the swath just long enough for it to get well wilted, and then it is raked with a side-delivery rake. This raking is done before the leaves have become dry; there is no chance for them to shatter and fall off as the hay is moved. Mr. Gronniger is especially well pleased with the work of the side-delivery rake, for it makes a loose windrow that the wind can go through readily. The hay will cure more rapidly when it is raked with a side-

delivery rake than when it is gathered with a dump rake.

Most of the curing is done in the windrow. The leaves are saved and extensive bleaching is prevented. It is extremely important that the leaves should be saved, for while they make up by far the smaller part of the weight of the plant they contain more than two-thirds of the protein. It is certain that the content of protein will be high in well-cured alfalfa hay if the leaves are retained.

Bright, leafy alfalfa is the ideal on this farm.



A Well Constructed Hog Farrowing House on the Farm of Herman Gronniger and Sons, Near Bendena, Kansas.



June 20, 1914.

that it is unfair and means frightful economic waste and should be remedied.

Our Socialistic friends believe they have a plan by which the problem can be solved and under the operation of which there will be a practically perfect system of production and distribution; a system under which every citizen will be able to get all he can honestly earn and also under which no able bodied citizen will be able to exploit and rob another; a system under which, as they believe, there will be no division of people into classes called rich and poor, for there will be no rich and no poor as we understand it now, but every citizen will be able to live in comfort.

Now while that Utopian condition is humanly possible I have no anticipation that we are anywhere near it yet. If the Socialist ever gets his kind of a government established, and I am inclined to think he will, he will discover that there are still selfish, unscrupulous people in the world who will take advantage of their neighbors and who will not be willing to get their share honestly. Deadbeats will not be eliminated by law nor will honesty be made universal by statute.

But that is not a good reason for failing to try to bring about the ideal plan of society. There will be many a failure and many an experiment that will have to be abandoned but in the end the ideal government will come. The ideal state of society will be evolved, and poverty and riches as we know them now will be things of the past.

### For a Sane Fourth

In the temporary absence of Admiral McNeal from the editorial ship we hasten to place this craft on record as favoring a sane Fourth of July—the saner the better. And, in the terse diction of the Humansville Banner, so say we all of us. Also we favor some drastic action just a little this side of electrocution which shall make it a crime to begin a neighborhood bombardment ten days or two weeks before the Glorious Day has dawned. We believe every boy, like every dog, should have his day, but we object to continuing it throughout the week.

In a more serious vein we believe the American people have come into a full realization of the absurdity of blowing off fingers and arms and heads as a proof of a love of country. We believe the raising of the nation's flag with the proper ceremonies for the day, with a "few well chosen words" by the most prominent citizens and all the other sensible devotions that make or should make the Fourth of July a National Day in fact—we believe, we say, that this is the way to celebrate. The toll of death and injury laid at the door of this one day has been a frightful price to pay for a wholly wrong idea of patriotism. Tell the children the Nation's story, teach them to love the flag and the things for which it floats above their heads, but save their lives and their various limbs for the big work of the future. By all means let us have a Sane Fourth.

### The Wisdom of Good Roads

The building of good roads is the one biggest and most important factor which this country must consider in the next few years. The improved highway is the one means of salvation for the poor man, for in these days of high cost of living, we must look to the cheaper transportation of foodstuffs as our way out. We can no longer expect to better our condition through a greater supply of necessities, for every effort we have made toward lowering the cost of foodstuffs heretofore, has been met with the response that the United States is now about as intensively cultivated as it can be. In other words, our people are no longer turning to the country in an effort to produce a larger amount of food. Therefore, we must face the problem of getting along with the same amount that is now produced.

The only solution left for us is to cut our cost of production and delivery. The best way to accomplish this is to provide good roads, for we have already had many demonstrations of how good roads will work to our advantage.

The improvement of highways in many parts of our country in the last few years has been invariably followed by better living conditions. Where the roads leading into a large city have been improved, we have seen an increased supply of foodstuffs on the local markets and a larger number of farmers bringing their products into the city. This, of a necessity, results in lower prices for the products and a long step toward better living conditions.

On the other hand, the improvement of roads throughout the country is invariably followed by an improvement in farming methods. The agriculturist who heretofore devoted his energies to grazing and the production of rough foodstuffs, such as corn, is now turning to what is known as market gardening. He is raising potatoes, beans, peas and other commodities that are in everyday demand, simply because he can get them to market where heretofore markets were denied him. It is no uncommon sight now to see farmers driving 18 or 20 miles to market with loads of produce, which, before the highways were improved, were denied the consumer. The automobile, it is true, has had a great deal to do with increasing this supply, but even this vehicle would be helpless without highways on which to run.

The advent of good roads, too, has brought about another revolution—that of intensive farming. The countries of the old world have always regarded us a criminally wasteful people, in that the product raised on 100 acres of land in this country was often

less than they produced on 10 acres. Good roads have changed this condition. The American farmer now finds that he will get a greater return from 1 acre of land intensively cultivated, than 10 acres farmed in the old slipshod methods would heretofore produce. This intensive farming is the direct result of good roads, for where the farmer heretofore found it necessary to cultivate crops, which made a large bulk, so that his infrequent trips to market were profitable, he now finds that he can take a small load to the consumer as often as he desires.

Good roads are an undistinguished blessing, and this every one who has given the matter any thought will admit. They not only promote increased industrial activity, and therefore better the living conditions of thousands of our city dwellers, but they provide an improved social life for people who live in the country. The family which has access to a good road, and therefore quicker and more pleasant trips, goes to church oftener, visits the neighbors oftener and attends farmer club meetings more frequently. No one can deny that all of these are important factors in the farmer's life.

### The Emporia Meeting

More than 150 delegates from farmers' organizations met in Emporia Monday and formed a statewide marketing association. The aim is to have a federation with which all farm organizations will unite. The purpose is to bring producers and consumers together, and to allow them to deal directly with one another and thus reduce the cost of doing business.

The organization is largely the outgrowth of the discontent among Kansas farmers which was caused by the advance in commission charges on the Kansas City hay market from 50 to 75 cents a ton. A meeting was called at Emporia, May 15, by the Lyon County Produce association to discuss this advance, and a temporary organization was formed at that time, which formed the basis for the permanent organization effected Monday. The new organization has an important place to fill in Kansas farming. Efficient officers have been selected. If they get the right kind of support from the farmers of this state they will increase the profits to producers.

### The College Man

It may be that you have small time for what some persons call the "highbrow" magazines, but it will pay you well, if you have a boy, to consider the articles appearing recently in the Outlook under the heading, "That Education." The writer of the original article had progressed so far along the road toward heaven that he could attach several letters, called degrees, to his name. But he discovered that with all his honors he was not educated. Something had been omitted. Possibly every learned writer in the country's educational institutions has contributed to the Outlook since the first piece came out, but that is beside the point.

The point is just here, and we believe the practical readers of the paper will agree with us: What the man in the story really needed was a vocational education—not degrees. The letters a man may sign to his name are all very well; there is no objection to them, certainly; but he must be careful to choose the right letters. No civil engineer, no electrician, no physician, no lawyer, no expert farmer, no builder who understands his business—no man expert in any vocation is idle these days or poor. The whole country is pleading for men and for women able and willing to do things better than they ever have been done. An amazingly large number of the workless men in the cities are driftwood, pushed aside by stronger and better material.

There is mighty little sentiment in business now. Casting out all preconceived prejudices you will discover that after all it is a survival of the fittest from start to finish. The students in college use a mighty expressive word—"Pep." That is what most of the unemployed need, "pep," what someone has called "git up and git."

### That County Unit

"I have noticed," says James Glover of Bluff City, Kan., "that the high school question is being discussed more and more in the Farmers Mail and Breeze, which proves that interest in this vital question is growing. We have a law now that authorizes a township to establish and maintain a high school, provided there is no town or city of over 600 inhabitants in the township. Just why a community should be penalized because it is enterprising enough to create a trade center is hard to tell. Because a township is so fortunate as to have a nice little town or a large one, is that any reason why the boys and girls of the township should be deprived of an education?"

"Unless the township provides a high school nine-tenths of the country children will never get beyond the district school; and it has come to be a fact that education along the line of our agricultural college course is a necessity for the successful farmer. If our boys are going to be doctors, we put them through high school and college and then send them to medical college. If they are to be lawyers, they go to a law school after college; but if they are to be only farmers, the district school is enough.

"Now, why not bring the high school to the child and make it a school to fit him for the business of farming? Drop Latin and teach botany and soil analysis and a lot of other important things unknown to the average boy in a farming community.

It is to be hoped that our next legislature will amend the present township high school law by taking out the provision regarding a town. If there is a city in the township it is likely there is a city high school; but if the country boys and girls attend the city high school they must pay tuition to be taught a lot of useless stuff. Every township should have its own high school and it should be a school for the country boys and girls—to teach them to be farmers and farmers' wives; to teach them to make the farm not only a paying investment but a home of beauty and comfort.

"Farming is becoming a scientific business. Mere strength and capacity to work were all that were needed in the past, but it is now recognized that brains are necessary along with these qualities. With our telephones, our daily mail delivery, our good roads, and our automobiles, we have only to add knowledge and business training to make farming the most desirable and prosperous of any business today."

### Truthful James

"In my opinion," remarked Truthful, "there is such a thing as carrying this modern surgery too far. Now, there was the case of Tompkins Giffelter. Tompkins was an ordinary sort of chap, nuthin' either particularly good or bad about him. He was a good worker and provided pretty well for his family and never made any trouble in the neighborhood.

"One day Tompkins was driving a fiery hoss when it ran away with him and threw him into a patch of sand burs. He got burs stuck in both eyes and it looked as if he sure would have to go it blind the rest of his days.

"There was a doctor settled in Tompkins' town who was a crank on surgery. He would git up in the middle of the night to read about some new kink in the matter of cutting up the human frame. He made several trips east to see experiments made in grafting and transference of parts of animals to take the place of human organs that had been removed. As soon as he examined Tompkins he said that there was no hope of savin' his eyes, but that if they would let him try the experiment he believed that he could substitute the eyes of animals in the place of the ones that had been ruined by the sand burs.

"Well, Tompkins said that he would rather have any sort of an eye than to have to go it blind the rest of his days, and for Doc to turn himself loose. And then Doc concluded that he would go to the limit in experimentin' on Tompkins. He got one eye from a large Tom cat and another from a fat Poland China hog and put them in place of the ones Tompkins had lost. Well, he did a good job of transferin', all right, but the result was worse than if he had let Tompkins go it blind.

"After that Tompkins was a changed man. Every night he would go out and sit on the back fence and yowl in a way that drove the neighbors to drink, and in the daytime he insisted on going out and rootin' in the garden. He lapped his milk with his tongue instead of drinkin' it like a human bein' should, and when he took soup he was bound to put his feet on the table.

"His wife wanted to sue the doctor for malpractice, but Tompkins wouldn't do it; said he had told Doc to turn himself loose and he reckoned that he would have to take the consequences."

### Will the Women Help?

With more than 300,000 women of voting age in Kansas, equal suffrage will prove a tremendous power for good, unless Kansas women, like a certain sort of Kansas men, become political drones, or non-voting stay-at-homes. That is the only danger.

There is plenty of evidence in Kansas these days, that the sensible, home-loving women of the state realize that voting has become a woman's duty and an important duty. It is becoming more hopefully evident that few Kansas women intend to shirk so simple a formality as marking a ballot because of any previous disinclination to vote.

For years Kansas women have freely attended political meetings and have been welcome at these meetings. This year half the listeners at such meetings are women. A fine indication of their interest.

Every thinking man in Kansas will encourage these women voters. The effort we now are making to bring township, county and state government nearer to the people; to check the waste and inefficiency of spoilsman politics and to end the mismanagement of state institutions, makes their help absolutely necessary.

Women, generally, can be counted on to vote for the best candidates, and this is about all that is required. Their numbers will make any cause or candidate they champion successful.

No public good has ever been accomplished by a do-nothing course. Failing to vote is a contribution to poor government. Poor government soon becomes bad government, wasteful government, dishonest and corrupt government; and homes, schools and institutions, business and all progress, suffer.

We need the help of the women of Kansas if we are going to really better conditions and hold what we gain while we take another step forward.

Arthur Capper



# Hay Growers Now Clip Weeds

At Least It Is Safer Than Burning Them—Farm Doings

BY HARLEY C. HATCH

A FRIEND writing from Fort Scott asks what the hay growers of the section are doing to eliminate weeds in prairie hay meadows. He asks if clipping off the tops will do any good. That is just what we shall know later, for a number of the largest hay growers of this locality have been cutting the tops of the weeds in their meadows during the last ten days. The mower is run very high, which lets most of the grass escape and at the same time catches the weeds. Formerly late burning of prairie meadows was supposed to kill many weeds, but this burning has not been a good thing during our dry seasons, which have been coming so frequently of late. Whether leaving the old grass on the ground helps the crop, one has only to notice the growth which comes up along the fences where the grass is not cut but is allowed to rot down, to decide. It is probable clipping the tops of the weeds will result in cleaner hay. It ought at the same time to help keep the weeds down. The weed problem is most urgent here on the thinner soils; on the better land the grass did not kill out badly.

If Kansas gets anything like a fair deal in weather during the next three weeks we can declare our independence of Iowa corn and oats for at least a year. Our wheat can be used for hogs in place of corn and the oats will make the best kind of horse feed.

We suppose there are a few chinch bugs, but they have not been in evidence this spring. The oats are large and rank enough so the bugs cannot do them any harm, and the wheat is so thick that a bug would lose its complexion in 48 hours if it took up its home in a field of turkey red.

It is enough to paralyze a lazy man just to contemplate the work that someone will have to do in Kansas during the next 60 days. A wheat crop, larger by 50 per cent than any state ever raised before, will have to be harvested, threshed and hauled to market, a good oat crop will have to be handled, the second cutting of alfalfa will be ready in about 10 days, a fair crop of prairie hay will have to be cut and either baled or put in the stack. And last, but not least, there is that matter of 6 million acres of corn and 1½ million acres of kafir to cultivate.

But a man can work with a good will when he has a show like that of 1914 before him. It is work like that of last year which hurts, work which has to be done without the slightest show of profit. We hear that harvest hands are to get \$2.50 a day and board, in the wheat belt this summer and it is probable they will earn it.

Corn is clean and looks thrifty but it is not so big on this date, June 6, as we have seen it in former years. On June 7, 1897, we were cultivating corn in the same field we were in yesterday. At that time there was some so tall that it brushed the arch of the cultivator. This was on a rich spot near the creek and we thought of it when we worked the same ground yesterday. The corn we cultivated yesterday was not more than half knee-high, but it was clean and even, over the entire field. We remember that date so long ago because it was so cold that day, June 7, 1897, frost was feared that night, but none came.

We have potato bugs in this part of the country, but they do little damage to the potatoes. They scatter out over the fields and live on bull nettles and Texas thistles, which seem to suit their appetites better than potatoes. Along the fence in our hog pasture a fine growth of Texas thistles started this spring, but we were out there the other evening and found them about cleaned up by the potato bugs. This is one of the instances in which Providence seems to be on our side. When it comes about that one pest exterminates another things certainly are working right.

The work on this farm for the last week has been cultivating corn; the work for the coming week also will be

cultivating corn and the next week after that. In short, until the corn is laid by we shall have to be in the cornfield most of the time. We have a larger acreage this year than for several years, but we figured we would need more corn. We shall have to begin feeding the new crop just as soon as it will do to feed and that means quite a hole taken out of the acreage by husking time. Also we have been in the habit of having some to carry over, but this year the crib is empty, so there will be a surplus to provide for.

You see we talk as if we expected to raise a crop of corn this year without any "ands" or "buts." Well, we do. We see no reason for fearing a repetition of last year. We now have had four dry years and it is getting about time to have one with at least an average amount of rainfall. With the ground in its present good condition and with the fields free from weeds, as they are at present, we think we can raise a good corn crop on even less than the average rainfall for the last 10 years, providing we do not have such blistering heat as we had last year. It was the heat more than the dry weather that fixed us in 1913.

A friend living down in Sumner county writes they are going to build a new school house soon and would like to know something about the one built in this school district two years ago. Our school house is 26 by 32 feet with cloak room 10 by 16 in size and will seat 50 pupils. It has no heating system aside from a No. 18 Round Oak stove which seems to do the business. The house is well made of hard pine dimension, covered with inch boards and red cedar siding. It has a cloak room and on the end is an alcove made something in the form of a bow window in which is placed the teacher's desk. There is a double floor, and the steps, entrance, and walk to the well, are made of cement. The cost complete, including all seats, desks, blackboards and bell, was \$1,725. The house was built by a country contractor who has built many school houses—in fact, makes that his chief business—and his work is satisfactory in every way.

### EYE STRAIN

Relieved by Quitting Coffee.

Many cases of defective vision are caused by the habitual use of coffee.

It is said that in Arabia where coffee is used in large quantities, many lose their eyesight at about fifty. Tea contains the same drug, caffeine, as coffee.

A N. J. woman writes to the point concerning eye trouble and coffee. She says:

"My son was for years troubled with his eyes. He tried several kinds of glasses without relief. The optician said there was a defect in his eyes which was hard to reach.

"He used to drink coffee, as we all did, and finally quit it and began to use Postum. That was three years ago and he has not had to wear glasses and has had no trouble with his eyes since.

"I was always fond of tea and coffee and finally became so nervous I could hardly sit still long enough to eat a meal. My heart was in such a condition I thought I might die at any time.

"Medicine did not give me relief and I was almost desperate. It was about this time we decided to quit coffee and use Postum, and have used it ever since. I am in perfect health. No trouble now with my heart and never felt better in my life.

"Postum has been a great blessing to us all, particularly to my son and myself." Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs.

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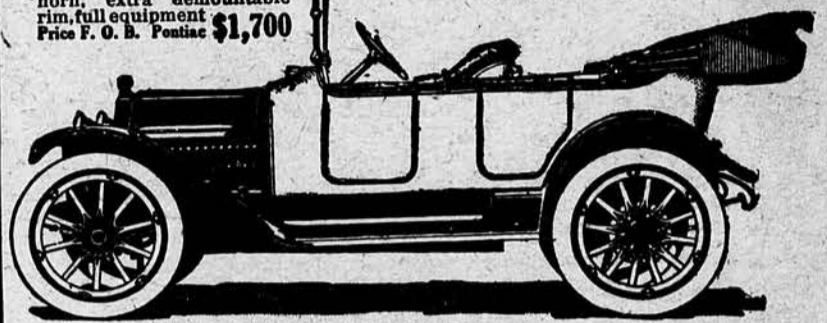
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# How Shall We Celebrate?

### The Fourth of July May Mean Pleasure For Everyone, With No Maimed Children to Pay For It Afterwards

IT IS so long a time since I passed the pleasures of wading and building sand forts. Some of the older ones can tell "why we celebrate," and any other patriotic story they happen to think of. I would be safe in saying that out of ten children who fire crackers and shoot toy pistols all day not five can tell why they are celebrating. More genuine patriotism can be instilled into your children's minds by taking them to a quiet spot and letting them enjoy themselves in a sane and safe way and telling them incidents of the Revolutionary war than can ever be done by taking them to town to run up and down the streets all day exposed to all the dangers usually present in an insane celebration.

Before we heard so much about a better way of celebrating Independence Day than by maiming many of our future citizens, I knew a family in which there were two boys. The father and mother early made up their minds that there would be no fire-crackers, giant torpedoes, or fireworks on the Fourth. They believed, however, that if anything were taken away, something satisfactory should be substituted. Even if their children had never had fire-crackers, they were, according to tradition, entitled to have them; and if fire-crackers were not supplied, it was only fair to provide drums, horns, flags and toys.

These things satisfied them in the earlier years, and baseball supplies and paraphernalia for other out-of-door sports, contented the boys as they grew older. Last year an all-day fishing trip on one of the loveliest of creeks made an ideal observance on a very hot day. A picnic luncheon, with the tablecloth gay with little flags and fancy bonbons, gave the crowning touch, and no one forgot what day it was. It may be easier to buy a lot of fire-crackers than to plan for such a fishing trip; besides, a great many men enjoy the noise and firing as much as their boys do; yet I can't help wishing that less dangerous ways of celebrating were more popular.

There may have been a Fourth or two when the boys I have mentioned missed what their playmates seemed to take so much pleasure in doing, but at the end of the day they always had some gift to display that was still good, while their companions had only a little pile of charred red paper to show for their celebration. Some of these very boys have already begun to ask their parents to give them baseball suits or other athletic supplies instead of fire-crackers, and this year the town is planning to have a great "safe and sane" celebration, barring all fireworks.

T. A. C.  
Dickinson county, Kansas.

### Boys Enjoy Their River Trip.

The old idea that we must drive several miles over a hot, dusty road to celebrate (?) the Fourth of July is becoming obsolete, and I for one am glad of it. And I am sure that many other mothers agree with me. We all know the discomforts of the old way, especially the mothers of small children. Let several families in the neighborhood select a nice shady spot near some stream, preferably a shallow one with a good sandy beach, and on the morning of the Fourth fix up a light lunch, with a chunk of ice for drinks included. A freezer of cream is appreciated. Take along hammocks, books, and some ropes for swings; and do not let the men forget their fishing outfits. Start before it gets too hot and dusty.

Have the children prepare a short program of patriotic selections and songs, and let them give it just after lunch, if you can keep them long enough from

### When Neighbors Get Together.

We have what we think is a nicer way of spending the Fourth than going to a celebration. Several neighbor men buy ice, lemons, and bananas, and make ice cream and lemonade. Their wives prepare a good old fashioned country dinner of boiled ham, pickles, fried chicken, cream gravy, vegetables, butter, bread, pies and cakes. The morning of the Fourth they meet at the home of the one who has the shadiest lawn. They get out their croquet sets, swing their hammocks, set the phonograph on the porch and start it playing, and all have a good social time together.

Rogers, Ark. Mrs. Mattie Enloe.

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A Picnic in the Woods is an Ideal Way to Spend the Fourth.



# Enid For Horses and Hens

## A World's Record For Poultry Shipments

BY TURNER WRIGHT  
Livestock Editor

THE total value of the horses and mules sold off the farms within a radius of 25 miles of Enid, Okla., every year for the last five years has amounted to more than that of any wheat crop ever harvested in the same territory.

It may be a surprise to some folks to learn that the shipments of poultry and poultry products from Enid are said to be larger than from any other station in the world.

These statements, made by F. S. Kirk, manager of the fine stock sale in the livestock pavilion at Enid the first week in June, show not only the value of the show or sale of improved livestock to any community; but also the importance of keeping good livestock to utilize the coarse feed raised on every Oklahoma farm. We are likely to forget the seasons of adversity that have passed, in this year of record breaking yields, and that the continued prosperity of any country depends on other things besides an occasional bumper crop of grain. If it had not been for the sale of poultry, eggs, and butter, and a few head of stock in the years of drouth and short wheat crops many of the fine farms in the territory tributary to Enid never would have been developed, and many of the substantial homes in the city never would have been built.

Data gathered by Mr. Kirk shows that 50 per cent of all the registered livestock in Oklahoma is owned within 50 miles of Enid, and that there are only three breeders of registered draft horses outside a radius of 75 miles of this city. Approximately 17,000 horses and mules representing a total value of about 2½ million dollars were shipped from within a radius of 25 miles of Enid in 1913. All this is not a mere happening but the result of well directed efforts.

The section of the state around Enid was not in advance of any other section in 1903. The farmers who settle there were satisfied to depend on grain crops for the first ten years. There were not enough horses and mules in the country to do the farm work. There were nine firms in the town in the spring of 1903 who were shipping in horses and mules to sell to the farmers. One of these shipped in and sold 1,000 range horses for farm work that year. The poultry, butter, and eggs produced did not amount to enough to supply the local demand, and there was only one registered draft stallion in Garfield county. Such was the condition only eleven years ago. The wonderful development of the livestock industry in that section which has taken place since then has been due to the efforts of a few men who recognized the fact that livestock must be made the basis of any permanent system of agriculture. Mr. Kirk was a leader in this work and the means employed to obtain the desired result was the show and sale established in 1904.

The first effort was made in 1903 to have the Improved Livestock Breeders' association hold its annual meeting at Enid. The first meeting of the association at Enid was in February, 1904, and the first sale and show was held in connection with this meeting. The exhibits consisted of about 50 Shorthorn cattle, 15 Hereford cattle, 40 Poland China hogs, 40 Duroc-Jersey hogs, nine Percheron mares and nine Percheron stallions. Most of these animals were sold to Oklahoma farmers.

The sale of the first nine stallions resulted directly in the purchase of 52 registered draft stallions for neighboring communities the next year. Stallion owners learned that their grades and crossbreds could not compete with the stallions of better quality and breeding. Consequently they were discarded and purebred animals were brought in to take their places. It was learned that what was true of horses was true also of other classes of stock. Many breeders of improved stock in Oklahoma and Texas today got their first inspiration



and bought their first purebred animals at the Enid show and sale.

The breeders' show and sale grew in both number of entries and popularity as an educational attraction, until in 1909 it was claiming the attention of livestock men all over the country. In that year one of the largest sale and show pavilions in the country was erected to house the large number of exhibits of poultry and stock entered in the show and consigned to the sale. The poultry shows held here gave the people of the surrounding country an inspiration that has contributed in no small measure to the building up of the immense poultry business now transacted at Enid.

The idea of holding a show in connection with every sale has since been abandoned as an attempt is being made to establish three or four regular sales of purebred stock during the year. The aim is to have enough stock consigned every time to make a three or four days' sale.

The June sale, coming as it did at an inconvenient time for farmers, was not entirely satisfactory. The sale of the Rockefeller cattle was stopped because few bidders were present and these soon obtained all the cattle they cared to purchase. All other stock that was sold brought fairly good prices. One of the best consignments and the most satisfactory from the seller's standpoint was that made by the Atkins Dairy of Enid. Many of the animals offered in this consignment showed more than ordinary merit and should be the foundation of future useful herds.

### Wisconsin Cows to Kansas

A. S. Neale, dairy expert in the extension division of the Kansas State Agricultural college, is in the dairying region of Wisconsin, accompanied by farmers of Allen, Montgomery, Harvey and Pratt counties, for the purpose of purchasing dairy cows.

Throughout the winter, Mr. Neale was solicited by farmers of the state to assist them in buying, but instead of making a trip for each man he has brought a number of interested men together for one trip. In addition to buying cattle, the party will visit the best dairy farms and co-operative creameries in Wisconsin.

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# Plans For the Wedding Day

Details of Everything Should be Attended to Beforehand

BY MABEL GRAVES

JUNE, it is said, is the month of roses and weddings. Perhaps there are no more weddings in June than in November, but it is easier to make of them a pleasant event. The following letter was received at the office of the Farmers Mail and Breeze a few days ago:

"Will you please help me plan my wedding, which will be the last of this month? There will be only the family and a few guests. We will have to give a dinner the evening before to eight or ten people. What would be a simple but good menu? We will have only a negro boy to serve. We have been too busy to entertain for so long that we don't know just how things are done. I am undecided whether to have an evening or a day wedding. Our trains leave at midnight and at noon. Please plan for both—what kind of refreshments and how they are to be served. My mother is not well and I wish to make it as easy for her as possible. Shall we serve refreshments in living room or dining room? I don't want a sit-down luncheon or supper."

In answer to this letter the following reply was sent:

I'm afraid I may not help you much in planning your wedding, because even after what you have told me there are so many things I don't know. If you are to have a dinner the evening before I should think it would be much easier for you and your mother to have a late afternoon or evening wedding. If it is in the morning you will want it about 9 or 9:30 o'clock, so you will not be hurried in catching the train. A very pretty wedding I attended was out of doors in the evening. The ceremony took place on the porch, and the guests stood about on the grass outside. The ceremony for another pretty wedding was performed about sundown, under the trees, while the sunset colors were glowing in the west. The bridesmaids wore dresses of soft green, yellow and pink, and flowers were carried in colors to correspond.

If the ceremony is to be in the house you will want a background of flowers and green plants. If you haven't the potted plants you can bring in things from the woods, with just a few flowers. You will, of course, want to carry flowers, and there should be some vases of flowers about the house. The bride carries white flowers, but for the vases some color is preferable; white seems so funeral. If you serve your meals in the dining room it would be pretty to drape festoons of crepe tissue paper or ribbon from a point above the table in the ceiling to the corners of the table, and finish there with a bow. However, you will not want this festooning for the dinner the evening before, and if you have your wedding in the morning these extra preparations may hurry you, unless some of your girl friends will attend to it for you.

If your living room is as large as it seems in your drawing and your guests are to be few they could all be served in the living room, at a "lap" supper. If it is too small for that let them scatter about informally, some in the living room, some in the dining room, and some in the hall. Or if your porch is large and you can get enough small tables, tables large enough to seat three or four each, it would be pretty to serve a wedding breakfast on the porch.

The things I have in mind can almost all be prepared in advance, giving you little to do at the time the meal is to be served. For the dinner to be served the evening before you might begin by serving a glass of fruit juice. Use a bit of orange and some lemon, with cherries, grapes, raspberries, anything you happen to have, all sweetened with sugar,



water being added, of course, until it is about the richness of lemonade. You can have this in glasses on the table when the guests sit down. This is to be drunk from the glasses or cups, and serves as a pleasant appetizer for the meal. It should be served as cold as possible.

Meat while, as soon as the guests are seated your helper can begin serving the regular meal. For a meat you might serve veal loaf with tomato sauce, veal birds with tomato sauce, or cold baked ham. For the rest serve tomato salad; olives or chopped pickle; creamed peas, French fried or Saratoga fried potatoes; bread and butter, coffee; and Bavarian cream.

Veal loaf can be prepared beforehand, but it is rather dry without the tomato sauce. Make the tomato sauce by taking 1 cup strained tomato juice, thickening with 1 tablespoon (level) flour, and adding salt and pepper. Some like a bit of sugar added.

The veal birds are simply beefsteak cut rather thick, enough in each piece for one person. Lay a meat dressing on part of the steak, roll the meat up, tie with a string, and bake. The veal birds, brown and juicy from the basting, are something good to look at and to eat.

The ham should be the kind that is finished up with spices and sugar and a bit of vinegar, if you want it at its best. Serve it sliced and cold.

Your tomato salad will be delicious if you simply peel the ripe tomatoes, hollow out a little from the inside of each, and serve with a mayonnaise dressing over each. You may if you wish put nut meats in the center of the tomatoes.

The Bavarian cream can be prepared in advance. To make it take 1 1/2 cups heavy cream, 3/4 cup sugar, 1 1/2 cups crushed strawberries (or any other fruit you wish), 1 tablespoon gelatine, 1/2 cup cold water. All measurements are level. Swell the gelatine with the cold water, and dissolve the sugar in the fruit, then combine the mixtures. Whip the cream stiff. Beat the gelatine mixture thoroughly and let stand until it is ready to begin to set, then add the whipped cream and beat until it will hold its shape. Wet a dish or mold of any kind in water, and pour the cream mixture into it. Chill and serve. Wetting the mold makes it possible to pour it out without breaking. Use strawberries over the top for decoration, if you have made strawberry cream, or a few sections of orange, if you have made orange. You can use canned strawberries, if you like, or raspberries.

This dinner, you notice, has carried out a color scheme of red. A bouquet of red flowers on the table will give you a pretty meal.

If you have a wedding breakfast, the following will make a three-course meal which your assistant, with the help of some one in the kitchen, will have no trouble in serving: Suppose you begin by serving orange baskets. To make these cut off the skin of the orange at each side, leaving a handle over the top, in shape of a basket, and take out the inside. You can do this the day before and put the baskets in cold water, and they will keep nicely. You can chop the orange pulp, add sugar, and put back in the baskets and serve; or you can add sliced bananas to the orange, or anything else you wish. This makes a pretty fruit course.

Then serve hot biscuits or hot rolls with comb honey; pressed chicken, escaloped potatoes, and coffee. That can go all on one plate, with the coffee cup extra. Anyone can manage that many dishes. For the third course serve ice cream or a fruit sherbet with sponge cake.

If, instead, you decide to have an evening wedding, you can serve sandwiches,

a salad with mayonnaise dressing over it, pickles, and coffee; brick ice cream and two kinds of cake, say angel food and devils food.

It would be interesting to know how other women have managed this important event to their hearts' desire.

## HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

The pattern for misses dress 6690 is cut in sizes 14, 16, 18 and 20 years. Medium size requires 2 1/2 yards of 54-inch material and 3/4 yard of 27-inch contrasting goods.



Ladies' shirtwaist 6672 is cut in six sizes, 34 to 44 inches bust measure. Medium size requires 2 yards of 36-inch material and 3/4 yard of edging. The box-pleated dress 6551 is cut in sizes 2 to 8 years. Age 4 years requires for dress and bloomers 3 yards of 36-inch material, and 1/2 yard of 27-inch goods for trimming. For underwaist there is required 3/8 yard of 36-inch goods.

The pattern for the two-gore sectional skirt is cut in six sizes, 22 to 32 inches waist measure. A woman of medium size requires 2 3/8 yards of 54-inch material.

The pattern for dress No. 6716 is cut in seven sizes, 34 to 46 inches bust measure. A woman of medium size will require 4 1/4 yards of 36-inch material and 3/4 yard of 27-inch contrasting goods.

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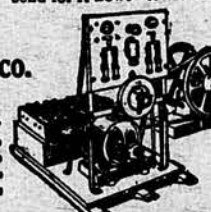
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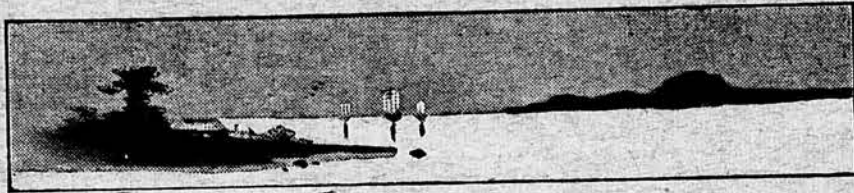
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# Do They Farm Backward, Too

For Once, Robert Forgot He Was Being Put To Bed

BY ANNA DEMING GRAY



"BUT I don't want to be undressed, Katrine!" said Robbie crossly, making both feet dance very fast. "It's too early, and I'm not sleepy at all, and the stars are not even out, and anyway, you do things backwards. I don't want my blouse unbuttoned first!" he grumbled on.

"There is a country where they do almost everything backwards, or just the other way from ours," said Katrine. "I lived there five years, and perhaps that is what is the matter." "Where?" demanded Robbie and the feet stopped dancing. "It is a beautiful island called Japan," said Katrine. "There, the little boys take off their shoes and not their hats when they enter a house. When they read a book, they begin at the back. The words go up and down, and not across the page. When they write a letter, it is addressed in this way: 'U. S., Kansas, Topeka, Ritts Robert, Mr.' The stamp is put on the back side, and the envelope opens at the end. A man mounts a horse from the right side, and the mane is brushed to the left. He backs his horse into the stall tail first. In building a house, the roof is made first. The hand of a clock stands still and the face goes around. The best rooms of a house are at the back. A keyhole is put in upsidedown, and the key turns backward.

"But the funny part of it all is, that perhaps they are the ones who

are doing things the right way, and we are the ones who are doing them wrongly!

"And now you are all ready for bed. See how much pleasanter it is when you are good tempered," said Katrine. "Well, I mean to put a thankyou into my prayer, 'cause I wasn't made a little Japanese boy doing everything backwards," said Robbie as he scampered to bed. "Praps I would have to sleep under my bed and not on top!"

## Read This, Then Write

You put out a flag, the same flag you had out on Decoration day. Very likely you'll have spring chicken that noon. Some of your cousins probably will be over, and you'll have a big time. Who started Fourth of July? Why do we celebrate this day? The Farmers Mail and Breeze wants letters from boys and girls telling all about this holiday. Mother is too busy just now to write about it, and you know yourself how much father has to do. Tell us about the first Fourth of July, if you wish, or about the man you always think of on the Fourth, or explain the curious custom people used to have of shooting toy guns and firecrackers and torpedoes to celebrate. What does the flag have to do with it? Where would we be now if something very important hadn't happened on that day? For the best letter received before June 29, a fountain pen will be given. Each

boy whose letter can be used will be given a cowboy watch fob, and each girl a bead necklace. Notice the date the contest closes. You will have to write your letter at once. Address: The Fourth of July Editor, The Farmers Mail and Breeze, Topeka, Kan.

## Rabbit Life Is Uncertain

I am a boy twelve years old. I live on a farm. We burn wood, and I chop it and carry it in. I help papa plow corn. I go to school and am in the sixth grade. I did have two spotted rabbits, but something killed one, so I turned the other one loose. I have a dog and a gun. I helped my mother clean house.  
Peru, Kan. Paul Shobe.

## Send in Your Answers

In this awkward looking word, you will find names of six things that are used in writing a letter. The letters are somewhat mixed up and you must straighten them out as best you can. This is the word: nnipecknepeatretbooiyrdedinitrpp. What are the articles? To each of the ten sending the best answers to this question, a set of postcards will be mailed. The answers are judged first on accuracy, but neatness and originality count for much. Address The Puzzle Editor, The Farmers Mail and Breeze, Topeka, Kan. The answers must reach this office not later than July 11.

## Farm Dogs Earn Their Board

Is the dog worth the tax? This question comes up to us when the assessor comes around and puts him down for a dollar with his valuation in another column. We think our dog is worth it and many dollars more. He is always ready and eager to do his part of the chores and he does his work well. He is always ready for his meals too, and will do a trick or two for something to eat. We are not very strong for the dogs that are carried around under ladies' arms, that ride in the back seat of automobiles, and sleep in the best chairs in the parlor, but we have a kindly feeling for useful dogs.  
Savonburg, Kan. T. L. Ingels.

## She Could Punctuate

Returning from school the other afternoon, a little girl informed her mother that she had learned how to "punchate."  
"Well, dear," said her mother, "and how is it done?"  
"Why, when you write 'Hark!' you put a hatpin after it, and when you ask a question you put a buttonhook."

## Capper Boys' Colt Show

The Farmers Mail and Breeze will give \$75 in cash premiums to the boys showing the best colts at the Topeka State Fair this fall, September 14 to 19. This show will be known as the Capper Boys' Colt Show and will include draft colts, roadsters and mules. Each class will be judged separately and each class will get one third of the money.

To enter this show the boy must be less than 18 years old at time of making entry and the colt must be foaled in 1914. The colt need not be purebred, but must be fitted, entered and exhibited by the boy.

All purebred colts, all draft colts by registered sires and mule colts may also be entered and shown in regular fair classifications.

The prizes in the Capper Boys' Colt Show will be awarded Farmer's day. The colts must be on the fair grounds by 9 o'clock of that day. Entries close Saturday, September 12.

For premium list and entry blanks address G. E. Clark, Secretary Kansas State Fair Association, Topeka, Kan., or Frank Howard, Care the Farmers Mail and Breeze.

Reasonably early breeding is desirable as it tends to develop the milk producing functions in connection with the growth and development of the animal body.

When an animal becomes accustomed to a certain class of foods any abrupt change is usually accompanied by a decreased flow of milk.

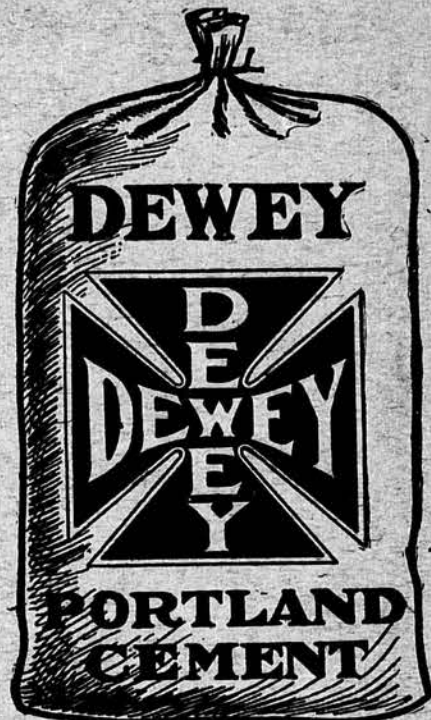
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## More Pictures to Copy

The pictures for the little folks this week show some very funny fellows. Who is going to get the whipping? Where is the old man going? Where did the little men running behind the big ones come from? There are all sorts of questions about these queer persons that one would like to have answered. Perhaps you can get big brother or sister

to read what is printed at the side of each picture. It will make the work more interesting. You can have lots of fun making men like these. Get a pencil and a large sheet of paper and begin. The whole series of pictures from which these are taken, is published in book form. The book, "Moving Picture Lessons for Children," by William Newell Hull, A. M., may be had for 25 cents by ordering from the Hull Publishing Company, 706 Jackson street, Topeka, Kan.



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# No Dual Purpose Cow There

This Missourian Does Not Believe in Milking for Fun

BY J. L. MURPHY  
Hamilton, Missouri

WHENEVER I read an article advocating a dual purpose cow it makes me want to go out and throw rocks at the sand pile, or do something equally as harmless, for of all the absurd, foundationless theories this is undoubtedly the thinnest. I expect that I will bring forth a good deal of criticism, but there is absolutely no such thing as a dual purpose cow. The qualifications that are required of a cow to make her a good dairy cow, one that will produce milk and butterfat in paying quantities, and one that will make good beef, or produce offspring that will make good beef cattle, are so widely different that it is impossible to produce all of them in the same cow or breed of cattle.

### An Occasional Exception.

I do not deny that among the beef breeds we often find an individual that is a good milk cow, one that will produce as much milk and butterfat as some of the dairy cattle, but when you do find her you will find a cow that is built along dairy lines and there is nothing in her make up that denotes she is of a beef breed, except possibly her color. She will not produce offspring that the critical feeder will put in his feed lots. She is a dairy cow pure and simple, regardless of her breed or color.

How many farmers who have herds of so-called dual purpose cows, weigh and test their milk to find out how much the cows make them in twelve months from milk and butterfat? Not one in a dozen. They go on year after year milking their herds of Shorthorns, selling cream or milk and pocketing whatever comes to them with no thought of figuring how much it has cost them to produce it as a herd or a cow. If they would weigh the milk every day and test it once a month for one year they would see something that would surprise them. In seven cases out of every ten they would find that they have kept their dual purpose cows at an actual loss or in other

words, have paid their cows a good salary for the privilege of letting them milk them. If their cows have made them a profit on the feed and care given them they have produced calves that will not make first-class feeders. If they have produced fine calves; calves that as two-year-olds will go into any old feed lot and feed out at a profit, they have not made butterfat enough to pay for their keep.

### What Records Would Show.

Most farmers who advocate the dual purpose cows say they have made money. Of course they have. They raised all the feed fed the stock, they sold cattle, hogs, butter, eggs; paid all expenses and still have a balance in the bank, but they have not stopped to figure which of these have made them money and which have been paid for at the expense of the others. They take it for granted that all the different branches have made money and let it go at that, and go on advocating their dual purpose cows.

Now all you farmers who think that you have cows that will raise good beef calves and at the same time give milk and butterfat enough to pay for the time and extra trouble necessary to take care of a milk cow, secure a pair of scales and a four bottle Babcock tester and get busy. If you do not find that you are keeping your dual purpose cows at an actual loss then I will admit that I do not know what I am talking about. I am not guessing at this by any means. I have kept cows that I paid for the privilege of milking, and only discovered my mistake with the scales and tester. I am not advising any one to go into the dairy business, neither am I pulling for the beef cow, but I do say that the two are different and distinct businesses and are too widely different to be classed as one. On the farms of Missouri there are thousands of cattle that do not pay for the feed they eat.

### Sandy Vetch For Kansas

How should sandy vetch be handled for a seed crop? WILLIAM BRUGGER, Baxter Springs, Kan.

Sandy vetch or hairy vetch when harvested for seed is ordinarily cut with a mower. The pods on the lower part of the plant will be ripe while the upper portions are still bearing flowers, and hence the time to cut for seed is when the greatest proportion of pods are ripe. This is usually after the lowest pods have ripened and shattered.

Hairy vetch is often made to reseed itself by mowing it for hay after the lower pods have shattered. If hairy vetch is well matured, it can be harvested without cutting by raking in the windrow with an ordinary hay rake. If the rake does not get it all the first time, the vetch should be gone over again in the opposite direction. The raking should be done when the vines are damp, to prevent the seed from shattering. Where the soil is stiff and hard, the roots firm, or where the vetch is grown with some other crop, it will be necessary to use the mower.

After the vetch is raked and cut, it can be left in the pile until threshing. Where vetch is used for hay and has been cut after some of the pods are ripe, but not shattered, sufficient seed is often obtained to plant an ordinary field by sweeping up the mow floor after the hay has been fed. R. Kenney, Kansas Agricultural College.

### To Organize Rural Clubs

To organize several thousand community welfare clubs is the plan of the Rev. Walter Burr, who heads the new department of rural service in the extension division of the Kansas Agricultural college. A club will cover a small territory—a town, a town ward, a school district, or a combination of several such districts. The club may center about a schoolhouse or a church or both.

The organization of community welfare clubs is in line with the social center movement, which is opening school-houses for lectures, music, public discussions, amusement and recreation, and

for instruction for those unable to attend school in the usual hours. The records in Mr. Burr's office show that already a number of such clubs exist in Kansas. Mr. Burr is preparing a pamphlet outlining the work of a community welfare club. He will give help to all members of such clubs.

### It Pays to Stack Wheat

BY H. M. BAINER.

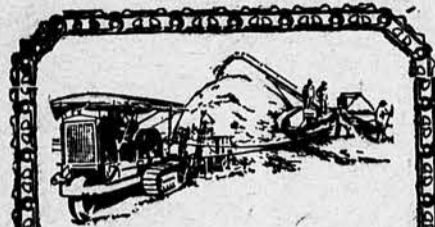
More good wheat is spoiled by carelessness than by unavoidable circumstances. It is a poor practice to shock bundle grain and leave it in the field for the thrasher that is expected the next week but may not arrive for a month. Shocks set up carelessly without cap bundles are responsible for much damaged grain.

Even careful shocking does not insure against damage caused by two or three rains that may come before the thrasher arrives. Wheat taken from the outside of a well-formed shock that has been exposed to average weather conditions for a month will be found to be from one to two grades poorer than that from the inside of the same shock. It is common for shocked wheat to lose a pound or more in test weight as a result of one heavy rain.

Wheat that has been cut with a grain binder should cure in the shock a few days before stacking unless it was thoroughly ripe when cut. To stack unured shock wheat too soon often produces "stack burnt" grain. Stacks should be placed on high points where the drainage is good. It is advisable to use old straw for stack bottoms, especially if the ground is damp.

### Starting a Lively Topic

As I shall be in the market for a silo this fall, and as it seems to be the most talked of subject among farmers at present, I should like to hear from some brother farmers who have had at least three years' trial with silage. What kind of silo is the best to build in the long run? C. A. Sawyer, Kan.



## Steady Motor for Stationary Work

You can use the Caterpillar for threshing, sawing, pumping, shelling, grinding, filling silos and for all sorts of stationary farm work. It has a steady, powerful four cylinder motor. Every part is made to resist heavy strains.



All this stationary work is in addition to your regular hauling, plowing and cultivating that is done with the Caterpillar. No other tractor can rank with the Caterpillar for field work. It is because of the long, Caterpillar tracks—they get a sure grip on the ground and transfer more motor power into pulling power than round wheel tractors can. It's the big tracks, too, that enable the Caterpillar to work on soft, wet ground where other tractors can't.

The Caterpillar is not a new or untried machine. We have made tractors since 1894, specializing on the Caterpillar during the past ten years—after its advantages over our own round wheel machines became so apparent.

We make the Caterpillar in three sizes. Write today for Catalog A. G. 44 and find out more about them.

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WM. GALLOWAY, President  
THE WM. GALLOWAY COMPANY  
45 Galloway St., Waterloo, Iowa

## Only \$2 Down One Year to Pay!

**\$24** Buys the New Butterfly Jr. No. 1. Light running, easy cleaning, close skimming, durable. Guaranteed a lifetime. Skims 95 qts. per hour. Made also in four larger sizes up to 5 1/2 shown here. Earns its own cost and more by what it saves in cream. Postal brings Free catalog folder and "direct-from-factory" offer. Buy from the manufacturer and save half.

ALBAUGH-DOVER CO. No. 121  
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**\$10.00** Sweep Feed Grinder. **\$14.00** Galvanized Steel Wind Mill.

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

GURRIE WIND MILL CO., Topeka, Kansas.



## The women-folks praise the BEATRICE Cream Separator for its easy cleaning Says Farmer Onswon.

The great bugaboo with most separators is cleaning the bowl. The Centrifugal Washing Device does the trick for the Beatrice—washes, rinses, dries and aerates in two minutes.

One of the many good reasons for preferring the Beatrice is that it's a remarkably simple machine—very few parts—all of them easy to get at.

The makers have wisely constructed the Beatrice so it does not give trouble.

When you take home the Beatrice you are not taking home a machine to worry over. It is ready for duty, night and morning, for years to come.

But dependability is just one thing. Don't overlook the other requisites. The Beatrice gets all the cream whether milk is warm or cold. It turns as easy as any separator. And it's no job at all to wash up and clean up when you are through.

Buy your separator with your eyes open. Don't buy any machine till you know the Beatrice. My word for it, it will save you money and worry. Write the nearest office below for catalog and name of local dealer near you.

### BEATRICE CREAMERY CO. CHICAGO

Des Moines, Ia., Dubuque, Ia., Lincoln, Neb., Topeka, Kan., Denver, Col., Oklahoma City, Okla., St. Louis, Mo.

## Cow-Ease

Prevents Ticks. **KEEPS FLIES OFF Cattle and Horses**

and allows cows to feed in peace, making More Milk and More Money for you. A clean, harmless liquid preparation, applied with a sprayer. Keeps cows in good condition, and saves five times its cost in extra milk.

### TRIAL OFFER

If your dealer cannot supply you, send us his name and \$1.25, and we will deliver prepaid to your address a half-gallon can of COW-EASE and SPRAYER for applying. For West of Missouri River and for Canada, above Trial Offer, \$1.50. Satisfaction or Money Back. CARPENTER-MORTON CO. BOSTON, MASS.

**Heals Barb Wire Cuts**  
On Horses, Without a Scar. Heals wound from bottom. Prevents blood poisoning. Quick and sure.

**Dean's King Cactus Oil**  
is the best remedy for harness sores, sprains, bruises, galls and all external diseases. In 15c, 50c and \$1.00 sizes. If not sold by your druggist, write to A. R. Olney, Mfr., Clinton, Iowa

# June, the Month to Caponize

## You Can Make the Instruments Yourself

BY GEORGE BEUOY.  
Cedarvale, Kansas.

**H**ALF the chicks raised each year are male birds and the only profitable way that I have found to dispose of them is to make capons of them. Capons sold on the open market bring from 15 to 25 cents a pound, live weight. It is easy to make them weigh 10 pounds which means that you will get from \$1.50 to \$2.50 apiece for them. Our capons have made us a net profit of more than \$1 apiece for the last six years. They will do just as well for any other poultry raiser.



Just right for caponizing.

I have made a study of the capon business for the last eight or ten years, as poultry raising is my business and not a side line. I saw long ago that I must cash in on the male half of the flock in order to make a profit. I soon saw that to make capons of them was the only profitable way. The man that caponizes will make enough clear profit on his infertile eggs to make it well worth while to caponize for that reason if for no other.

A manufacturer who has been making instruments for many years, having failed to get possession of my patents has started to put out an imitation. My lawyers tell me this is clearly an infringement of my patents and that if I will begin suit I can eventually collect damages and stop them making further instruments. To do this I would have to mortgage my farm to put up the fight. This I do not propose to do. While I have the farm and poultry ranch I have a good living and do not really need the patent anyway. Rather than to have any big company gobble up my patent rights I would much prefer that the American people have the benefit of my inventions and patent. Therefore, to any poultry raiser in this country who cares to use my patent number 1,025,362, May 7, 1912, I will be glad to give written permission, in order to protect yourself.

It has taken me more than eight years of steady work to bring these instruments to their present state of perfection. Their great advantage lies in the simple construction and ease with which they can be made and used. This patent

covers both a spreader and remover. The only other instruments necessary to make a capon is a common pocket knife with a sharp, thin blade, and a small hook for tearing the thin tissue membranes that cannot be cut. A sharpened button hook is plenty good enough for this small part.

Most anyone can make a set of these instruments. All that is required is two pieces of Bessemer steel rod, each 20 inches long; one for each instrument, and a copy of the patent. This contains the blue prints illustrating the instrument in different positions, including detailed instructions so that anyone at all handy with tools can do it.

The important point in making an instrument of this kind is to get it adjusted properly. In adjusting them I always use a fine hair to test every part of the grasping points much the same as you would to test a razor. The only difference being that a razor cuts the hair when just right. The remover should hold it tight without cutting or letting it slip. To get this nice adjustment use a piece of emery cloth and a fine file. To get a copy of the patent all you have to do is to write to the Commissioner of Patents, Washington D. C., and ask for a copy of patent number 1,025,362 issued May 7, 1912 to George Beuoy, Cedarvale, Kan. Enclose 5 cents in coin to cover the regular government fee for copy of patent. Stamps are not accepted.

I will be glad to give written permission to use the patent to make one set of instruments for your own use. I also have some booklets with illustrated instructions showing exactly how to use the tools. I will send one of the books without cost. It is true that I have sold some instruments. It is also true that I have sold them at just about what it cost me to make them. The farm and chickens have paid for my instrument factory as we have gone along so I have nothing to lose. It is not going to cost me anything to let the people have the benefit of that patent.

## Straw-Worm Injury In Kansas

BY JAMES W. McCOLLOCH,  
Kansas Agricultural College.

Within the last few weeks many reports have been received by the Kansas Agricultural college that the wheat straw-worm is seriously injuring the wheat. These reports have come from several parts of the state, and the indications are that this insect is distributed over a large part of the wheat area.

The injury caused by the wheat straw-worm is of such a nature that it is not noticed until about harvest, when the stalks begin to break over and many white heads appear. The infested plants produce poorly filled or empty heads. The injury from Hessian fly is somewhat the same.

At this time—June 9—the larvae of the wheat straw-worm can be found within the straw, usually within the first or second joints below the head. These maggot-like larvae are greenish-yellow, footless and about one-fourth of an inch long. One may easily find them, if they are present, by splitting the straws.

The larvae remain in the straw until October, when they transform to black pupae, and thus pass the winter. The adults emerge early in March from the infested straw and stubble of last year, and make their way to nearby wheat plants, where they deposit their eggs in the embryonic wheat heads. The adults are small, black, wingless, ant-like insects about one-eighth of an inch long.

The young larvae hatch in a few days and feed within the stem. By May

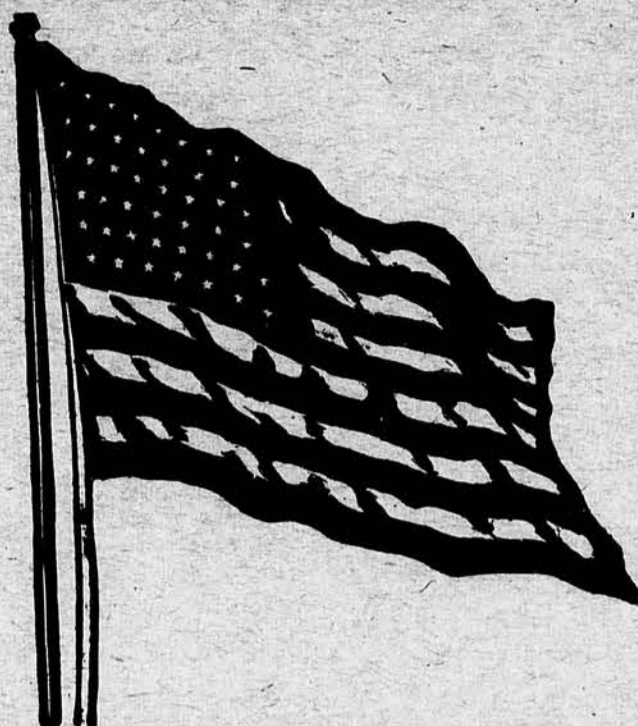
they have reached their full growth and transformed to pupae, and a little later the second brood of adults emerge. The adults of this brood generally deposit their eggs in the first or second exposed joint below the head. The larvae that hatch from these eggs are the ones now found in the plants.

In many localities where the straw-worm is present this year the Hessian fly has also been a serious pest, and the measures of control should destroy both insects. The stubble should be disked immediately after harvest, and about three or four weeks later plowed 6 inches deep. In plowing, care should be taken to bury the stubble and volunteer wheat under at least 3 inches of soil. The ground should then be worked into a good seedbed. It should also be kept mellow and free from weeds and volunteer wheat. The planting of the crop should then be delayed until the fly-free date.

If only the wheat straw-worm is present the above procedure will serve to destroy it. However, in this case, the planting of wheat does not need to be delayed. Where possible the planting of the crop on a part of the farm removed from the infested straw and stubble will prevent practically all the damage from this insect.

Jack pine trees planted ten years ago in the sand hills of Nebraska are now large enough to produce fence posts. Last year the first seed was gathered from this plantation.

If people were ranked according to usefulness the good school teacher would ride in a motor car and wear purple and fine linen every day.



**“I want to see the American Flag flying over every American Home.”**

*Arthur Capper.*

It is only a short time until we celebrate the 4th of July, and as a lesson of patriotism to the rising generation the American flag should be displayed in every American home regardless of whether that home be located in the crowded city or on the isolated farm. I am so sincere in my desire to have the American flag displayed wherever “Young America” is growing into manhood that I am willing to provide the flags. I wish I could make this offer to every American citizen, but of course I could not reach them all. I am, however, able to reach you as a reader of my publication, the Farmers Mail and Breeze, and on this account I am bringing this matter to your attention and ask you to give me the opportunity of presenting you with a beautiful American flag.

The flag is 3 ft. x 5 ft., is hand sewed, warranted fast colors, absolutely rain proof and guaranteed not to fade. It is a flag which I take pride in giving you and you should take pride in receiving.

If you will accept the subscription offer explained below, I will be glad to send you this flag. It is the Stars and Stripes and therefore the most beautiful, most glorious flag in the universe.

## You May Have One of These Flags Free

I have purchased a large quantity of these flags and while the supply lasts I am going to distribute them among my readers on a most liberal offer. If you will send me only one dollar to pay for a one-year subscription to the Farmers Mail and Breeze, either new or renewal, and 10 cents extra to help pay the cost of packing and mailing, \$1.10 in all, I will send you one of these flags free of cost.

Kindly use the coupon below when sending in your subscription. Do not delay but send in your subscription order at once. When my present supply of flags is exhausted this offer will be withdrawn.

**ARTHUR CAPPER, Publisher,**  
Farmers Mail and Breeze, Topeka, Kan.

**ARTHUR CAPPER, Pub., Farmers Mail and Breeze, Topeka, Kan.**

Dear Sir:—Enclosed please find one dollar for a one year subscription to Farmers Mail and Breeze and 10 cents extra to help pay cost of packing and mailing on the flag which I am to receive free as a gift with my subscription.

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THE BONITA FARM SIXTY TON SILO solves the problem. You can put one on your farm for one-third the cost of any other. Not an experiment. Tested four years and fully guaranteed. Get the facts. Bonita Farm, Raymore, Mo.

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German Coach 70—Horses—70

The great general purpose horse. Satisfaction guaranteed. Write or call.

J. C. BERGNER & SONS, Pratt, Ks.

HEREFORDS.

Clover Herd Herefords

Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.

F. S. JACKSON, Topeka, Kansas

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W. C. CURPHEY, Salina, Kansas Write, phone or wire for dates. Address as above.

BOYD NEWCOM Wichita, Kansas, Livestock and Real Estate Auctioneer. Write, wire or phone for date.

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

D. F. Perkins, Concordia, Kan. Livestock Auctioneer Write, wire or phone for dates.

JESSE HOWELL Herkimer, Kan. Livestock Auctioneer Write or phone for dates.

J. P. Oliver Newton, Kan. Livestock and Real Estate Auctioneer. My 20 years experience insures better results.

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After a man has done a square day's work we like to see him change himself into a comfortable loafer.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

- A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan. John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan. Ed R. Dorsey, Illinois and Indiana, Versailles, Ill. Jesse R. Johnson, Nebraska, 1507 Elm St., Lincoln, Neb. C. H. Hay, S. E. Kansas and South Missouri, W. L. Blizzard, north Missouri and Iowa.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Poland China Hogs.

- Aug. 18—Joe Hemmy, Hill City, Kan. Sept. 5—J. E. Will, Prairie View, Kan. Sept. 8—J. D. Willough, Zeandale, Kan. Oct. 28—Albert Smith & Sons, Superior, Neb. Oct. 15—Fred G. Laptad, Lawrence, Kan. Oct. 15—Homer Dickerson, Jamesport, Mo. Oct. 19—Sam Herren, Penokee, Kan. Oct. 20—U. S. Byrne, Saxton, Mo. Oct. 20—Joe Hemmy, Hill City, Kan. Oct. 21—H. B. Walter, Effingham, Kan. Oct. 22—H. C. Graner, Lancaster, Kan. Oct. 24—Wm. R. Zahn, Concord, Ill. Oct. 28—Walter Hildwein, Fairview, Kan. Oct. 29—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb. Oct. 30—Prichard & Martin, Walker, Mo. Nov. 11—J. H. Harter, Westmoreland, Kan. Nov. 12—E. E. Merten, Clay Center, Kan. Nov. 13—L. E. Klein, Zeandale, Kan. Jan. 21—Joe Hemmy, Hill City, Kan. Jan. 23—A. C. Lobough, Washington, Kan. Feb. 2—John Kimmerer, Mankato, Kan. Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb. Feb. 4—Albert Smith & Sons, Superior, Neb. Feb. 5—H. L. Pritchett, New London, Mo. Feb. 8—Jas. W. Anderson, Leonardville, Kan. Feb. 10—Agricultural College, Manhattan, Kan. Feb. 13—J. F. Foley, Ononogo, Kan. Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb. Feb. 15—Joshua Morgan, Hardy, Neb. Feb. 17—J. H. Harter, Westmoreland, Kan. Feb. 18—J. L. Griffiths, Riley, Kan. Feb. 19—A. J. Swingle, Leonardville, Kan. Feb. 20—Hubert J. Griffith, Clay Center, Kan. Feb. 24—Alfred Carlson, (Spotted Polands), Cleburne, Kan. Feb. 26—W. E. Epley, Diller, Neb.

Duroc-Jersey Hogs.

- Aug. 26—W. W. Otey & Sons, Winfield, Kan. Oct. 22—M. M. Hendricks, Falls City, Neb. Oct. 31—A. N. Farnham, Hope, Kan. Nov. 9—J. R. Jackson, Kanopolis, Kan. Nov. 10—J. B. Duncan, Flush, Kan. Jan. 25—J. B. Swank & Sons, Blue Rapids, Kan. Jan. 26—Ward Bros., Republic, Kan. Jan. 27—Ralph P. Wells, Formoso, Kan. Jan. 28—Dana D. Shuck, Burr Oak, Kan. Feb. 2—A. C. Buckingham and J. A. Porter-Field, Jamesport, Mo. Feb. 9—Agricultural College, Manhattan, Kan. Feb. 10—Thompson Bros., Garrison, Kan. Feb. 11—Samuelson Bros., Cleburne, Kan. Feb. 12—Howell Bros., Herkimer, Kan. Feb. 22—W. T. Fitch, Minneapolis, Kan. Feb. 23—J. R. Jackson, Kanopolis, Kan. Feb. 25—Martin Kelly, Verdun, Neb. Feb. 27—A. N. Farnham, Hope, Kan. March 5—Samuelson Bros., Blaine, Kan.

Jersey Cattle.

- June 25—Alvey Bros., Meriden, Kan. Dispersion. Fair grounds, Topeka, Kan. Sept. 22—H. C. Johns, Carthage, Mo.

Dairy Cattle.

- Aug. 27—W. B. Carpenter, Kansas City, Mo.

Combination Livestock Sales.

- Nov. 9 to 14—F. S. Kirk, Mgr., Enid, Okla. Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla. March 8 to 13—F. S. Kirk, Mgr., Enid, Okla.

Blizzard Appointed Fieldman.

W. L. Blizzard has been employed as a livestock representative of the Capper Farm Papers. Mr. Blizzard is especially prepared for this work. He graduated from the Kansas State Agricultural College in 1910 and shortly after his graduation was employed by that college as Assistant in Animal Husbandry. In this work he has been very successful. He is a capable judge of all classes of livestock and has acted in this capacity at a number of State Fairs and the American Royal. Mr. Blizzard will represent the Capper Farm Papers in North Missouri and Iowa.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Any of our readers wanting some strictly high class Duroc-Jersey pigs can buy them from C. D. Wood & Son of Eldorado, Kan. We have been carrying an ad for this firm for a few weeks offering fall boars. These boars are all sold. The present offering includes weanling pigs, either sex. These are big, smooth, thrifty, well-bred pigs and will be sold worth the money. For prices see ad in this issue and for further particulars write C. D. Wood & Sons and mention this paper.

The Place to Buy Holsteins.

Clyde Girod, Towanda, Kan., has a splendid assortment of Holstein cows, heifers and bulls, both registered and high grades, which are priced at quick sale prices. Mr. Girod is well acquainted with the dairy-

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

Red Polled Cattle

Choice young bulls under 10 months for sale. Best of breeding. Write, or better come and see. CHAS. MORRISON & SON, Phillipsburg, Ka.

RED POLLED CATTLE

Choice Young Bulls. Several good enough to head good herds—heavy boned, broad headed, breezy kind. Show prospects. Also a few cows and heifers. Visitors welcome. Call or write. L. W. POULTON, Medora, Reno Co., Kan.

POLLED DURHAMS.

Sleepy Hollow Polled Durham Cattle

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

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TWO PUREBRED HOLSTEIN bull calves. One and three months old, from our best cows, one with a 21 pound record. One is about 1/2 black, the other evenly divided. HENDERSON LONG & SON, Haddam, Kan.

HOLSTEINS—CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

HOLSTEIN BULLS Registered, ready for service; also springing high grade heifers for sale. Springdale Stock Ranch, Concordia, Kan.

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Bull calves by Shadybrook Gerben Sir Korndyke out of A. R. O. dams on hand all the time. All tuberculin tested. Absolute satisfaction guaranteed. State your wants fully—I can fill them. BEN SCHNEIDER, NORTONVILLE, KAS.

Part from 2400-lb. imported sire and part from 2200-lb. imported sire and imported dams. my 2, 3 and 4-year-old registered Percheron stallions would prove valuable breeders for you. With all their weight and bone they are dresy and straight sound. This is some of the most substantial and most attractive Percheron breeding material in the world. Farm-raised and offered at farmers' prices. Just above Kansas City.

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Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand. H. H. JOHNSON, CLAY CENTER, NEBRASKA.

High Grade and Registered Holsteins

Over 100 head of Cows, Heifers and Bulls. The sire and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the Southwest. Visitors welcome; call or write today. Clyde Girod, Towanda, Kas.

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Complex advertisement for Lookabaugh's Shorthorns featuring an illustration of a cow and text describing the breed's qualities and availability.

Complex advertisement for 'THE FARMER'S COW' by H. C. Lookabaugh, Watonga, Okla., describing the benefits of the Shorthorn breed.

OIL - OIL - OIL

Complex advertisement for oil products, listing various grades of kerosene, gasoline, and lubricants with prices.

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ANGUS CATTLE
A select lot of females, bred for sale. Best breeding and right individually. W.G. Denton, Denton, Kan.

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SUTTON FARM
Have 30 splendid heifers and 30 extra good bulls, priced to sell. Write us today. SUTTON & FORTEOUS, E. C. Lawrence, Kan.

SHORTHORNS
SHORTHORN BULLS
Fashionably bred young bulls, by Boaz Kiss and Heifer, two Wisconsin bred sires and out of milk strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

Shorthorn Bulls
4 bulls from 18 to 24 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable. L. M. Noffsinger, Osborne, Kan.

BERKSHIRES
BUY BERKSHIRES FROM BAYERS. They sell SHORTHORN BULLS too. J. T. Bayer & Sons, Yates Center, Kan.

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A few good bred sows and gilts. Write today. W. O. Hazlewood, Route 3, Wichita, Kan.

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BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Lear Waite, Winfield, Kan.

Special Offering
Sutton Farm
Berkshires
We have for sale, 40 boars, 20 gilts, 30 bred sows, 100 fancy fall pigs, at attractive prices. SUTTON FARM, LAWRENCE, KANSAS

KIESLER FARM BERKSHIRES
Bred by Grand Leader by the champion, Berkshire, Hiveler and Starling Premier 6th. Fall boars, fall gilts, bred or open and spring pigs—the kind that were good enough to win the International and Berkshire Congress. Good immune, correspondence a pleasure, prices reasonable. A. J. McCauley, FIVE, FERRYVILLE, MO.

O. L. C. HOGS
O. L. C. FIGS. LARGE TYPE. Pairs, \$15.00. Harry W. Haynes, Meriden, Kansas.
O. L. C. FALL BOARS REGISTERED FREE. HENRY KAMPING, ELMORE, KANSAS.

Western Herd O. L. C. Hogs
March pigs, both sexes, \$10 to \$15. Pairs and lots not related at less. Also 25 fall gilts bred for September farrow. F. C. GOOKIN, RUSSELL, KANSAS

O. I. C. SPRING PIGS at \$10 each. Satisfaction guaranteed. Pairs and trios not related at less. A. G. COOK, Lury, Kansas.

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My herd boar O. K. Wonder for sale at \$40. A sure breeder and a good one. Also spring pigs of both sexes. Write. Andrew Kosar, Delphos, Kan.

O. L. C.'s
Bred sows and gilts, fall and spring pigs in pairs and trios no kin. SEED CORN, Bold's Maple Lawn Prince 4413, and others of considerable note. Out of sows of the reputation of Mermaid, Gladys, Liberty Girl, etc. Got a number of young sows bred for sale. Get a herd catalogue. EDW. ROSS & SON, WHITE HALL, ILL.

Edgewood O. L. C.'s
Booking orders for spring pigs by Progressor 2221, Tonganoxie Chief 1107, Burr Oak Model 3206, Bell Metal 3100. Herd improves 25% Orange Blossom 3202. Pairs and lots no kin. Henry Murr, Tonganoxie, Kan.

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URIE BOY by Don Magna, out of a litter of 24, heads the herd. The most unique hog plant in the country. Size, prolificness, quality and cleanliness. Sows of best breeding. Booking orders now for spring pigs at weaning time. W. T. URIEDALE, BOY 93, INDEPENDENCE, MISSOURI.

What About ADDING to YOUR HERD?
We have four hundred of the best bred Chester White pigs that we ever raised since time started by one of our grand sires, Illinois Protection 2222. Maple Lawn Prince 4413, and others of considerable note. Out of sows of the reputation of Mermaid, Gladys, Liberty Girl, etc. Got a number of young sows bred for sale. Get a herd catalogue. EDW. ROSS & SON, WHITE HALL, ILL.

man's wants and is a pleasant and reliable man with whom to deal. He is in the Holstein business to stay and wants you for his regular customer. If you want Holsteins visit his farm near Towanda, Kan., or write him today, mentioning Farmers Mail and Breeze.

Robison's Percherons and Holstein Sale.
J. C. Robison, Towanda, Kan., sold Wednesday, June 10, 13 Percherons and 34 Holsteins at satisfactory prices. It was a good sale considering the fact that many buyers were absent preparing for the largest wheat harvest Kansas and Oklahoma ever had. The Holsteins did not sell as high perhaps as they should but Mr. Robison was prepared to let the first offering go at bargain prices and will continue to raise Holsteins and educate his patrons to their real value. The 13 Percherons, five stallions and 8 mares averaged \$444.34. The stallions averaged \$612 and the mares \$318. The following is a list of sales.

Table with columns: No., Name, Location, Price. Includes stallions and mares.

N. Kansas and S. Nebraska
BY JOHN W. JOHNSON:

Arthur Patterson, Ellsworth, Kan., has a fine crop of Duroc-Jersey pigs of spring farrow. No t a large number, but very fine. He lives about a mile out and visitors are always welcome.

Aberdeen Angus Females.
W. G. Denton of Denton, Kan., has been advertising Angus bulls in Farmers Mail and Breeze. He reports that his bulls are...

Farmers Mail and Breeze, Topeka, Kan.
Dear Sirs—On April 1 I started an inch ad in your paper and to date have received 28 inquiries from this ad and sold 17 pigs. These sales were made to farmers and breeders in Kansas, Oklahoma, Colorado and Arkansas. Every one of the purchasers reports that he is satisfied with the pigs I shipped him. Yours very truly, HOWARD E. AMES, Breeder of Big Type Poland Chinas, Maple Hill, June 5, 1914.

Spring Boar Bargains.
Is this issue we are changing the advertisement of E. M. Myers, Burr Oak, Kan., which appears regularly in the Jewell county breeders' advertising section. Mr. Myers is a member of that association and one of its oldest breeders of Duroc-Jerseys in Jewell county. At present he is offering some extra nice spring boars and a few gilts for sale at reasonable prices. Mr. Myers is located in Burr Oak and visitors are always welcome. He does not aim to breed a large number but what he does breed are good. Write him about a spring boar.

Poland China Spring Pigs.
L. E. Klein, Zeandale, Kan., has a crop of unusually good Poland China pigs. Not as many as he usually raises but in our judgment the best he has ever raised and those familiar with his operations know he has raised some good ones. He has claimed November 15 for his annual boar and gilt sale. At the head of his herd is Bell Metal Again 59821, by old Bell Metal. He is coming 2 years old and is a big, heavy boned fellow with lots of quality for that type. He is the sire of some of the spring pigs but most of them are by Chief Price 41668, by Chief Price Again. Mr. Klein aims to have stock for sale at all times. At present he is making very reasonable prices on boars and gilts of spring farrow. He can sell them not-related and can fix you out with a nice young herd at attractive prices. Look up his advertisement in this issue of the Farmers Mail and Breeze.

Angus Cattle—Duroc Hogs.
Johnson Workman, Russell, Kan., starts his advertisement in this issue of the Farmers Mail and Breeze. Mr. Workman is one of the best known breeders of Angus cattle in the West and also breeds Duroc-Jersey hogs. For years Mr. Workman was in partnership with Charles Sutton of Russell and had full charge of the herd. A year ago this spring he went to Lawrence where he had charge of all cattle sales for both the Russell and Lawrence herds. Last fall the partnership with Mr. Sutton was dissolved and Mr. Workman returned to his interests at Russell. The writer visited Mr. Workman one day last week and was shown his herd of Angus cattle and the Duroc-Jerseys as well. The Angus herd contains 50 breeding cows that are as good as can be found in any herd anywhere in the West. A lot of these cows are from the Parker Parish herd at Hudson, Kan., and a lot of them are from the show and breeding herd of the Lawrence end of the Charles Sutton herd and include several prize winners at the American Royal and state fairs. These are...

Alvey's Dispersion Sale
JERSEY CATTLE
At the Fair Grounds
Topeka, Kan., Thursday, June 25

Conditions are such that we find it necessary at this time to disperse our splendid herd of registered Jerseys that we have been years in building up. The offering will include about 20 choice young cows and bred heifers. About 12 head now in milk and every female of breeding age safe in calf to our great young bull "Glenwell's Blue Fox," bred at Biltmore Farm and tracing close to Imp. Flying Fox. Included will be some choice young bulls, cows bred by T. S. Cooper and a lot of Hood Farm breeding. Every one, but three, bred on the farm. Some of the choicest heifers ever offered at auction in Kansas and cows that will make 800 pounds of butter every year, with the right kind of care. Write for catalog and if you can't come send sealed bids or wire fieldman or auctioneer at Topeka (care Throop Hotel).

ALVEY BROS., Meriden, Kan.
Auctioneer—F. J. Zaun.
Fieldmen—J. W. Johnson, Jesse R. Johnson.

DUROC-JERSEYS
TWO HERD BOARS
Fall pigs, also book-keeping orders for summer gilts bred and spring pigs at weaning time. R. C. Watson, Altoona, Kan.

MCCARTHY'S DUROCS
Handsome fall pigs, either sex. Champion blood on both sides. Priced for quick sale. They will please you. Daniel McCarthy, Newton, Kan.

Tyson Bros., McAllister, Kansas
The tops of our Duroc Jersey spring crop of pigs, either sex at \$12.50 to \$15.00 each. 12 Sept. gilts at \$20 to \$25 each. Address as above.

"Red, White and Blue" Duroc Herd
I am offering high class gilts bred for August farrow. Also high class sows. Booking orders for weaned pigs from my American Royal winning brood sows. Pigs bred by "Firestone," my Champion boar. James L. Taylor, Olathe, Miller Co., Mo.

An Extra Good Duroc Boar
By Golden Model 3rd 11287. Also good fall boars bred by Country Gentleman 132541 and Village Farm Chief 142337, bred good enough for anybody. All guaranteed immune and priced worth the money. Call or write today. W. B. HUSTON, Americus, Kan.

GOOD E. NUFF AGAIN KING 35203
The sensational Grand Champion of Kansas State Fair 1913 heads our great herd. Sale average March 11, \$63.12. 40 great sows and gilts for sale. Prices right. W. W. O'NEY & SONS, WINFIELD, KANS. "The men with the guarantee."

Guaranteed Immune Duroc Sows
Duroc-Jersey bred gilts for sale, guaranteed, immune and in farrow. I ship on approval. No money down before inspection. F. O. CROCKER, FILLLEY, NEBRASKA

12 DUROC FALL GILTS
bred, others will breed to order. 100 SPRING FARROW, both sex, pairs not related. Write. GARRETT BROS., Steele City, Nebraska

A BABY HERD
of four sows and one boar at specially low prices during June. Fall boars for service now. HAROLD P. WOOD, ELMDALE, KANSAS

Bancroft's Pedigreed Durocs
We hold no public sales, nothing but the best bred for breeding stock. Choice fall gilts bred for September farrow, weight 125 to 135 pounds. Price \$25 to \$30. Spring pigs, pairs or trios not related. Customers satisfied. Describe what you want we have it. B. C. BANCROFT, Osborne, Kan.

BRED SOWS and GILTS
To farrow in May and June. Also Red Poll Bulls. Address. GEO. W. SCHWAB, ULAX CENTER, NEB.

DUROC-JERSEYS
Smith's Durocs
Fashionably bred boars, including grandsons of the great Graduate Col. and a herd-leading son of the champion, Tatarax. Also spring boars. J. R. SMITH, NEWTON, KANSAS

WEANLING PIGS
Smooth and thrifty weanling pigs for sale now. They have the best Duroc-Jersey blood back of them. Boars 77. Sows 60. C. D. WOOD & SON, ELMDALE, KANSAS

TATARRAX HERD DUROCS
Choice September and October boars by the Grand Champion Tatarax and G. M.'s Tat. Col., at reasonable prices. Tatarax Herd. C. L. BUEKIRK, Mgr., NEWTON, KANSAS

Immune Fall Boars and Gilts
Best of Duroc-Jersey breeding, with size and quality. Choice from large litters. Priced for quick sale. G. M. SHEPHERD, Lyons, Kansas

November Boar Bargains
12 big stretchy fellows that can't help pleasing you. Also gilts same age bred to order. Also a few bred sows. Everything guaranteed. J. R. JACKSON, KANOPOLIS, KANSAS.

Maplewood Durocs
We are offering trios, two gilts and a boar, early April farrow at \$45 for the three, not related. Address Mott & Seaborn, Herington, Kan.

BONNIE VIEW STOCK FARM
Fall and spring pigs nice enough to head any herd or to show at any fair out of prize winners. Write for prices on boar and three sows, last fall's farrow, for show. SEARLE & COYLE, BERRYTON, KAN.

Quivera Herd Durocs
Spring pigs all sold, am now taking orders for fall pigs which will arrive August 15th to October 1st. E. G. MUNSSELL, Route 4, Herington, Kan.

Hillcrest Durocs
Extra good October boars (immune) of strictly big type at \$25 each. Visit my herd at once if you want a bargain. E.N.Farnham, Hope, Kan.

MULE FOOT HOGS
The coming hog of America. Hardy, good, 750 lbs. Pigs 11 to 14 weeks old \$50 per pair. Circular free. J. B. DICK, LABETTE, KANSAS

**HAMPSHIRE.**

**Registered Hampshires** Spring boars and gilts priced to sell. Every hog properly vaccinated. **C. E. LOWRY, OXFORD, KANSAS**

**Pure Bred Hampshires** Some extra choice, immuned, fall pigs, both sexes, not related. **ALVIN LONG, Lyons, Kansas**

**SPECIAL PRICES** on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write, **J. F. PRICE, Medora, Kan.**

**SUNNY SLOPE FARM HAMPSHIRE**

Pigs now ready to ship. \$20 each or \$ for \$50. If you say they are not worth the money, I will try my level best to adjust the difference. If you know a fairer way to sell hogs, tell me and I will sell your way.  
**FRANK H. PARKS, Olathe, Kansas**

**POLAND CHINAS.**

**ATTRACTIVE PRICES ON BOARS.** Poland China fall boars—lowa breeding. Great individuals, priced low to make room. Rock Island and Burlington shipping points. **J. F. Foley, Oronoque, Kan.**

**Sunny Side Poland Chinas** Pigs of September, 1913, farrow for sale. Have sold all my spring boars and bred sows. **J. G. BURT, Solomon, Kansas.**

**POLAND CHINA BOARS** of March farrow for sale. Prominent breeding. Prices will suit. Address **Sam Herren, Ponokee, Graham Co., Kan.**

**MT. TABOR HERD POLANDS** I am offering the tops of my 150 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want.  
**J. D. WILLFOUNG, ZEANDALE, KANSAS.**

**Model Wonder Sept. Boars** 12 September boars, sired by Model Wonder, out of big mature dams. Great values at \$20 to \$25, with two or three at \$35. Write now for further information.  
**O. R. STRAUSS, MILFORD, KANSAS.**

**ENOS BIG POLANDS** Boars and gilts of August, 1913, farrow sired by the noted Orphan Chief and out of A Wonder's Equal and Knox-All-Hadley dams. Write today.  
**A. R. ENOS, RAMONA, KANSAS**

**LARGE WITH PLENTY of QUALITY** Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock. **Olivier & Sons, Danville, Kan.**

**Fancy Large Type Poland** Herd boars U Wonder by A Wonder and Orange Lad by Big Orange. Have a few good fall boars for sale. Will also book orders on unrelated spring pigs. Excellent opportunity for young breeder to start right.  
**THURSTON & WOOD, ELMDALE, KAN.**

**Alfred Carlson's Spotted Poland** Original Big Boned Spotted Poland. 100 spring pigs. I am ready to book orders. Bred sow sale February 24.  
**ALFRED CARLSON, CLEBURNE, KANSAS**

**EVERGREEN HERD HAS 80 HEAD** We are offering 80 head extra fine Big Type Poland China pigs and a few sows to farrow in September. Pigs are by Mo.'s Mastodon Wonder 61477. Looks Hadley 69109. Great Look 47659 and Capital 53854. Write for prices. **E. E. Carver & Sons, Guilford, Mo.**

**KLEIN'S BIG POLANDS** Boars and Gilts, spring farrow at attractive prices. Can furnish herd not related. I guarantee satisfaction. **L. E. KLEIN, Zeandale, Kan.**

**J.L.GRIFFITHS, Riley, Ks.** offers top September Poland China boars at reasonable prices, out of mature sows. Everything immune. Address as above.

**Poland Chinas That Please!** Fall boars suitable for both breeder and farmer. Orders booked for spring pigs to be shipped at weaning time. Prices right.  
**P. L. WARE & SON, PAOLA, KANSAS**

**Big Type Poland China Pigs** By either of the following herd boars: Futurity Mc, John B. Hadley, (1st prize winner at American Royal), Black Big Bone, Long Prince, Great Jumbo, and Dollar Mark. Your choice at weaning time at \$25 delivered. We pay express.  
**WAY & HAIRGROVE, Jacksonville, Ill.**

**One Herd Boar!**

We are offering ONE Poland China herd hog right in every way. Five fall pigs by Major B. Hadley, grand champion of 1911. Booking orders for spring pigs (sold all of our bred gilts we had advertised).  
**A. J. ERHART & SONS, Ness City, Kan.**

**BLACK MAMMOTH POLANDS**

The kind that weigh and win. The best of Big Type breeding. Satisfied customers in twenty states. Write for catalogue. It tells all.  
**Paul E. Haworth, Lawrence, Kansas**

a fine lot of spring calves that give evidence of the value of these cows. They were got by Fard 125465 and those familiar with Angus breeding know the great value of this breeding. Johnson Workman is a young man who has devoted all of his life so far to the fine stock business and he has been more than successful in his chosen business. He is a careful student of all that pertains to stock raising and farming and everything on the big farm we visited last week indicates intelligent and up-to-date farming. If you are interested in Angus cattle or Duroc Jersey hogs get in touch with Johnson Workman, Russell, Kan. His advertisement appears in this issue of the Farmers Mail and Breeze.

**Twelve Duroc Fall Boars.**

**J. R. Jackson, Kanopolis, Kan.,** starts his advertisement in this issue of the Farmers Mail and Breeze and is offering 12 exceptionally fine last November boars and some nice gilts of the same age bred to your order. Mr. Jackson has 125 spring pigs and is anxious to close out these boars and they are an extra fine lot and the tops of a much larger lot. They were sired by Clear Creek Col., by Dreamland Col., by Waveland Col. Mr. Jackson was one of the good buyers in bred sow sales last winter. One of the good buys he made was Dreamland Col., the great breeding boar that has been in use in the Leon Carter herd at Asherville, Kan. In the same sale he bought several bred sows that are attractions in any herd. The 125 early spring pigs in this herd are as good as we have seen anywhere this season. Look up Mr. Jackson's advertisement in the Duroc Jersey section in this issue of the Farmers Mail and Breeze and write him about a boar or bred gilt.

**Illinois and Indiana**

BY ED. R. DORSEY.

**Guaranteed O. L. C. Hogs.**

What we would like to get at is language strong enough to apply to the most excellent herd of Chester Whites owned by Edward Ross & Son of White Hall, Ill., that would give the readers the exact value of this one of the largest and best O. L. C. herds we have seen in any of the six states we have been traveling over the past ten years. Still more this firm guarantees everything to please. They guarantee safe arrival, they stand between you and all chances until you receive your hog and you are perfectly satisfied and we are here to say they will do it too. They have 400 head from which to select. With a herd of this size they make a specialty of advertising one thing but they have everything to sell all the year around. They now have about fifteen sows bred to the Maple Lawn herd hogs that would go out anywhere and make good. While they do business on a large scale they are very reasonable on prices.

**S. E. Kansas and S. Missouri**

BY C. H. HAY.

**Berkshire Gilts Please Buyer.**

**A. J. McCauley of Perryville, Mo.,** breeds and sells a class of Berkshire hogs that please breeders, farmers, feeders or packers. The following letter is typical of the many received by Mr. McCauley: "Lansing, Kan., April 19, 1914.—Mr. A. J. McCauley, Perryville, Mo. Dear Sir—I received the two gilts, one day late, in good shape. They seem to be thriving nicely and I believe I got value received. I have also received your letter of April 16 enclosing certificate of registry and pedigree. Same seems satisfactory. Thanking you for the same, I wish to remain, Yours very truly, H. C. Hensley." If in need of Berkshire breeding stock write Mr. McCauley and mention this paper.

**N. Missouri and Iowa**

BY W. L. BLIZZARD.

**Fifty Pound Jerseys.**

**Alvey Brothers, the big Jersey cattle breeders of Meriden, Kan.,** announce a dispersion sale at the fair grounds in Topeka, June 25. They write as follows: "We have been weighing the milk from eight cows now for 10 days, and find that we have five 40 pound cows, that will be included in our dispersion sale. 'Irene Maid' is giving 50 pounds every day, and last Sunday she gave 52 pounds. We will have four choice young bulls that were dropped after our catalog was written up. One of the bulls is out of Irene Maid. We think this is a mighty good showing considering the ordinary care that we give the cattle." Alvey Brothers are reluctant to disperse this fine herd at this time but conditions are such that it must be done. Write for catalog and mention this paper.


Profitable dairying means economic feeding and economic feeding means the utilizing of the products of the farm to the fullest extent.

**Farmers Mail and Breeze Pays Advertisers.**

**Farmers Mail and Breeze, Topeka, Kan.** Gentlemen—Your paper has been making good for me and I am not only highly pleased with the service but I very much appreciate the courtesies extended me in my recent "experience."  
**E. G. MUNSELL, Herington, April 8, 1914.**


**Capper Publications, Topeka, Kan.** Gentlemen—I have received enough letters from this one ad to sell a half dozen farms if I can get them all answered. Yours very truly,  
**J. L. CENTER, Real Estate Dealer, Waldron, Ark.**

Every week for years the Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.



**Jewell County Breeders' Association**

Members of this association, advertising below will offer nothing but first class animals for sale for breeding purposes.



**O. L. C. HOGS.**  
**Dr. W. W. Spencer, Mankato, Kan.**  
BREEDER OF O. L. C. HOGS.  
A FEW SEPTEMBER BOARS FOR SALE.

**POLAND CHINAS.**  
**Poland China Bred Gilts** 15 bred for April farrow, sired by Jumbo and bred to Kansas Big Bone.  
**Ira M. Swihart & Son, Webber, Kansas**

**JOSHUA MORGAN, Hardy, Neb.**  
The best in Big, Smooth Poland. Stock for sale. See me for a boar.

**John Kemmerer's Poland**  
Choice boars out of Jumbo Ex. and Neb. Chief. Inspection invited. **John Kemmerer, Mankato, Kan.**

**Ira C. Kyle & Son's** Large type Poland. Giant Chief Price \$2100, by Long King; Bell's A Wonder 61891, by A Wonder. Henry's Expansion 17868, by Dorr's Expansion. **MANKATO, KAN.**

**Three Fall Boars** Five gilts bred, for Aug farrow, to Miller's Sioux Chief 2nd, and spring boars. Priced to sell. **W. A. McIntosh, Courtland, Neb.**

**DUROC-JERSEYS.** Also a few choice spring gilts. Write or come and see them.  
**E. M. MYERS, BURR OAK, KANSAS**

**Choice Spring Duroc Jersey Boars** sired by Crimson Defender. Out of mature sows.  
**R. P. WELLS, Formoso, Kan.**

**FOR SALE:** **KANSAS SPECIAL 09011** COL. GENE 124651. **ORION WONDER 149287**  
**W. E. MONASMITH, FORMOSO, KANSAS.**

**15 FALL BOARS** by Crimson Burr grandson of Orion Wonder 3rd. Big values at \$20 each. Everything immune. **Dana D. Shuck, Burr Oak, Ks.**

**E. A. Trump, Formoso, Kan.**  
50 spring boars and gilts for sale at private treaty. Write for prices and descriptions. Address as above.

**10 Good Spring Boars** priced right to meet the demand. Write for prices and descriptions. Address as above.  
**JOHN McMULLEN, Formoso, Kansas**

**Spring Crop of Pigs Doing Nicely;** am ready to book orders for fall or summer delivery, at reasonable prices. **C. C. Thomas, Webber, Kan.**

**SHORTHORNS.**  
**Oscar Green's Shorthorns** Popular breeding. Stock for sale. A good herd bull proposition.  
**OSCAR GREEN, MANKATO, KANSAS**

**POULTRY.**  
**EGGS FROM WHITE POULTRY** Fakin and Runner ducks, Rocks, Holland turkeys and Cochon bantam. Also Split and Fan-tail pigeons. **A. T. GERMAN, COURTLAND, KS.**

**GUERNSEY CATTLE.**  
**Reg. Guernsey Bull Calves For Sale** Old enough for fall service. Write for description and prices. **W. E. EVANS, Jewell, Kansas.**

**JERSEY CATTLE.**  
**Jersey Heifers** that will freshen in Jan., Feb., March and April. Four fall yearlings bred, six heifer calves 10 months old. Write for prices. **J. W. Berry, Jewell City, Kan.**

**D. S. POLLED DURHAMS.**  
**Bull Calves,** year old in April and May. Dark red in color. Priced reasonable. We want a herd bull. Can't we trade?  
**R. T. Vandeventer & Son, Mankato, Kan.**

**PERCHERONS.**  
**PERCHERON Stock for sale.** Always good horses in service.  
**Breeding Farm** **R. G. MYERS, HARDY, KAN.**

**AUCTIONEERS.**  
**John Brennen & Son, Esbon, Kansas** **Livestock Auctioneers** WRITE OR PHONE FOR DATES  
**H. S. HOYT, MANKATO, KAN.** Write or phone **Livestock Auctioneer** for dates.  
**Frank Regan Livestock Auctioneer** **ESBON, KAN.** WRITE OR PHONE FOR DATES.  
**Ole Hanson, Livestock Auctioneer** **Mankato, Kan.** Write or phone for dates.  
**DAN CALLAGHER, Jewell City, Kan.** Write or phone **LIVESTOCK AUCTIONEER** for dates.



**Royal Scion Farm Durocs**

The great Graduate Col. and Col. Scion head this herd; extra choice fall boars by Graduate Col.; also fall gilts bred for September litters by or bred to him.  
**G. C. NOKMAN, Route 10, WINFIELD, KAN.**

**Durocs \$10**

Early spring boars \$10.00. Sows \$15.00. Immune. Sired by "Kansas Ohio Chief," our new herd boar imported last spring from Ohio. Call and see our hog and poultry farm. Half section fenced hog light, with modern equipment. **RO-E COMB RIODE ISLAND REDS.** 16 incubators. Winners at American Royal and Kan. and Okla. State Fairs. **R. W. Baldwin, Conway, Kan.**

**BIG TYPE UNPAMPERED BERKSHIRES**  
150 sows bred to Fair Trial 10th. King's 4th Masterpiece. True type, King's True type, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts to farrow in June. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth.  
**E. D. KING, BURLINGTON, KANSAS.**

**Dean's Mastodon Poland Chinas** Serviceable boars and bred sows and gilts. I have some 3-year-old **VACCINATED AND IMMUNE.** sows by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Phone Dearborn; station, New Market, and postoffice, Weston, Mo. Address **CLARENCE DEAN, WESTON, MISSOURI.**

**ROBINSON'S Mammoth POLAND CHINAS**  
We offer 100 February, March and April pigs of both sexes for delivery when weaned. Some new ready. Pairs and trios not skin. They have heavy bone, great length, depth and thickness and show ring quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our expense and you are not out a cent.  
**F. P. ROBINSON & CO., MARYVILLE, MO.**

**DOOLEY'S SPOTTED POLANDS**  
Etterville Breeding Farm, home of the old original spotted Poland Chinas. Booking orders now for spring pigs at weaning time sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from.  
**EDGAR DOOLEY, ETTERVILLE, MISSOURI**

**80 Big Type Poland China Pigs**  
20 choice spring boars, 12 to 15 weeks old, \$12 to \$15. Also some tried sows, sired by Big Defender 61978 and bred to Bogardus Ex 64451 for September farrow, at very reasonable prices. Descriptions guaranteed or money refunded.  
**HOWARD R. AMES, R. R. 2, MAPLE HILL, KANSAS.**

**Joe Baier's Poland**  
No boars left. A lot of choice bred sows and gilts at private sale bred to my herd boars. Write for prices and descriptions.  
**J. M. Baier, Dickinson Co., Elmo, Kan.**

**Poland China Bred Gilts**  
15 September gilts bred for September farrow for sale. Also a few choice boars of same age. Popular big type breeding. Gilts \$25 to \$35. Boars \$20 to \$25.  
**JAS. ARKELL, Route 4, JUNCTION CITY, KANSAS**

**WE ARE BOOKING ORDERS** for pigs by bon boar, King Blain, Jr., the necessary champion King John and King Hadley. **W. Z. BAKER, RICH HILL, MISSOURI**

**Big Orange Again & Gritter's Surprise** boars of September farrow, for sale. They are out of my largest and best sows—and are immuned from cholera.  
**A. J. SWINGLE, LEONARDVILLE, KAN.**

**Poland Chinas For Sale**  
One tried sow bred March 4th; gilt bred March 20th, gilt bred May 1st; also some choice fall and early winter boars. Here is a chance for something good at a moderate price.  
**A. L. ALBRIGHT, WATERVILLE, KANSAS**



**\$378<sup>35</sup>**  
F.O.B. KC.

Think of it! Only \$378.35 for this all service Bull Farm Tractor, guaranteed to pull two 14-inch gang plows in any soil; propel Seeders, Harvesters, Mowers, Drills, Discs, Separators, Road Graders; or Pump water, Grind feed, Saw wood, or do any other stationary belt work as well. In fact, the Bull Tractor will do the work of five rattling good horses and needs no expensive new equipment, as any gang plow or farm implement can be attached at a moment's notice. Any boy old enough to drive a team can handle the Bull with ease and safety.

**No Transmission**

**No Differential**

**No Complicated Parts**

The Bull Farm Tractor is a three wheeled machine propelled by a two-cylinder, 4- $\frac{1}{2}$  x 6- $\frac{1}{2}$  four-cycle water cooled engine and will develop a speed of from one to four miles per hour. There are only **Five Gears** in the Bull—no transmission or differential—all heavy, complicated parts being eliminated. It is equipped with an Automatic Guide and Supporting Wheel 28 inches in diameter, which not only supports the frame, but at the same time automatically follows the furrow and acts as a guide in plowing. No attention or steering is needed from the operator.

The Bull Farm Tractor is "Fool Proof," can be operated at a profit on any farm of 60 acres or more—is positively guaranteed to do all that we claim for it; costs no more than a good team, and can be operated for less than the cost of feeding one horse—and does not eat when not in use.

Hundreds of farmers are placing their orders now and will use the Bull in the coming harvest. We can guarantee prompt deliveries, orders being shipped in the order received. Send your name and address today for illustrated literature and full particulars.

**Mail This Coupon Now**

Hall Bros. & Reeves Motor Co.  
1822 McGee St., Kan. City, Mo.  
With no obligation on my part please send me full particulars and illustrated literature describing the Bull Farm Tractor.

Name .....

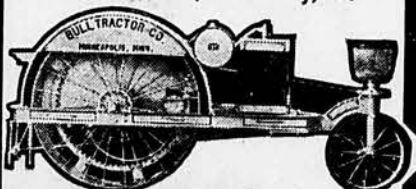
Town .....

County .....

State .....

Acres .....

**HALL BROS. & REEVES**  
1822 McGee St., Kansas City, Mo.



Send Your Name and Address NOW!

**Fruit Outlook in Kansas**

Kansas fruit is in fair condition, according to the reports received by Walter Wellhouse, Jr., acting secretary of the Kansas State Horticultural society. There has been some damage from insects and frost in some localities, however, and some trees were killed by the drouth of last year. Here is the condition of the fruit expressed as percentages, as compared with the June prospects for past years:

	1914	1913	1912	1911
Apple	53	53	71	33
Pear	46	40	66	27
Peach	39	26	53	10
Plum	42	41	60	36
Cherry	58	64	70	63
Grape	68	79	73	69
Strawberry	53	70	68	37
Raspberry	69	70	54	46
Blackberry	67	69	46	54

The average June prospect for the past five years is: Apple 47, pear 34, peach 28, plum 41, cherry 49, grape 68, strawberry 52, raspberry 52 and blackberry 56 per cent. This shows the 1914 prospect to be above the average in every case with the exception of grapes. This is the condition by congressional districts:

First district, apple 54, pear 55, peach 59, plum 55, cherry 73, grape 71, strawberry 49, raspberry 73 and blackberry 76 per cent.

Second district, apple 60, pear 66, peach 65, plum 55, cherry 62, grape 78, strawberry 50, raspberry 80 and blackberry 76.

Third district, apple 46, pear 47, peach 37, plum 28, cherry 65, grape 59, strawberry 65, raspberry 59 and blackberry 60.

Fourth district, apple 48, pear 55, peach 68, plum 51, cherry 65, grape 65, strawberry 61, raspberry 64 and blackberry 67.

Fifth district, apple 52, pear 43, peach 48, plum 51, cherry 70, grape 57, strawberry 56, raspberry 57 and blackberry 53.

Sixth district, apple 45, pear 26, peach 18, plum 45, cherry 53, grape 59, strawberry 52, raspberry 48 and blackberry 43.

Seventh district, apple 57, pear 32, peach 18, plum 30, cherry 39, grape 81, strawberry 60, raspberry 58 and blackberry 47.

Eighth district, apple 50, pear 24, peach 14, plum 19, cherry 31, grape 58, strawberry 56, raspberry 28 and blackberry 34.

Reports on garden vegetables indicate an average of 92 per cent for the state. The first district reports 87 per cent, second district 85, third district 93, fourth district 91, fifth district 91, sixth district 94, seventh district 93, eighth district 88.

The drouth of 1913 injured many fruit trees, vines and bushes so that they will not bear fruit this year. April frosts reduced the yield in some localities and cankerworms defoliated some unsprayed orchards.

**Agricultural Yearbook Available**

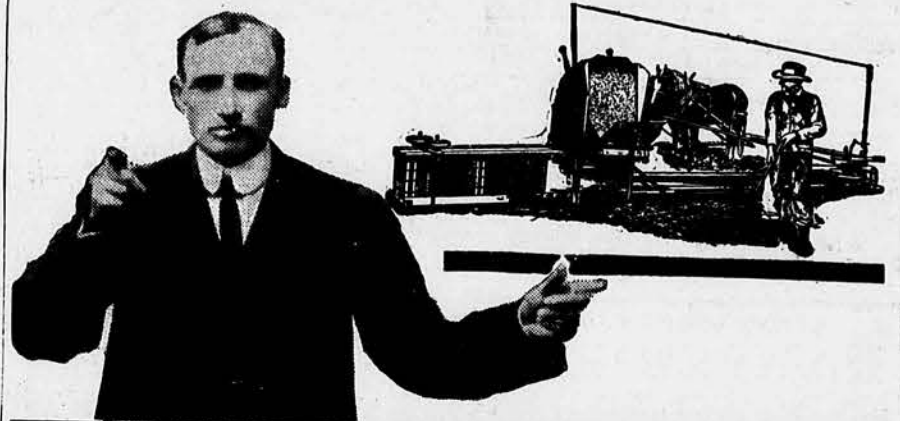
The Yearbook of the United States Department of Agriculture for 1913 has just come from the presses, and is now being distributed to congressmen and to correspondents of the department entitled to receive copies. The new volume differs in several respects from its predecessors. The articles it contains are in general of a more popular and instructive character, and although the book itself contains a smaller number of pages, it is safe to say that it has as much valuable material in it as ever.

In addition to the secretary's report there are 14 special articles and an appendix containing statistics of the principal crops; a table of the animals imported into the United States for breeding purposes for which certificates of pure breeding have been issued, and lists of the agricultural colleges and experiment stations in the United States together with the names of the state officials in charge of agriculture.

The book is illustrated by 54 full-page plates, of which a large number are reproduced in colors, and by 21 tables, maps and line drawings.

Skimming or separating takes out the lighter constituent of the milk leaving the skimmilk slightly heavier than the same quantity of whole milk.

The farmer who manufactures butter and feeds skimmilk direct from the separator to poultry, calves and pigs, is selling off very little fertility.



I want to send you this hay press with a positive guarantee that it will save you one-third the labor and from 20 to 30 per cent of the expense of any hay press on the market.

That's my guarantee and it means exactly what it says: A saving of one-third in the labor of baling your hay, and a better price for every ton of hay you sell.

Two men can bale more hay with an Auto-Fedan hay press than three men can bale with any other two-horse baler on the market.

The Auto-Fedan is in reality a self feed. Two men can operate it. The hay does not have to be tabled, but is pitched into the large open hopper with an ordinary pitch-fork. You do not have to tamp it with your feet. The press makes three strokes to every circle of the team; thus gaining one stroke to the round over most machines and increasing the capacity of the press one-third.

The hay is not pounded or hammered into the press, but is pressed down evenly by our solid feed-board and pressed into compact layers:—The result is the cleanest, smoothest bale you ever saw. The hay comes off in even layers and alfalfa is not broken or shattered.

**Auto-Fedan**  
**3 STROKES—SELF-FEED**

Is sold on a positive guarantee covering every claim we make for it and is just as binding upon our company as we can, by any possibility make it.

**HERE ARE SOME OF THE SPECIAL FEATURES OF OUR GUARANTEE:**

The Auto-Fedan will bale from one-fifth to one-third more hay per hour, than any other two-horse hay press made.

The Auto-Fedan—when baling from the windrow—is operated by TWO men, and these two men bale MORE hay than three men can bale with the two-stroke presses.

The Auto-Fedan is really self-feed and is absolutely safe. Don't risk life and limb tamping hay into a dangerous hay press.

The Auto-Fedan doesn't pound nor hammer the hay; our feed board PRESSES it into compact layers. It makes the smoothest, neatest bales which always grade high.

The Auto-Fedan sets low; you don't have to pitch the hay upon a table, but you pitch it easily into the open hopper.

The Auto-Fedan will bale ANY KIND of hay from the coarsest to the finest. It has the easiest and quickest tension to adjust to various weights and conditions of hay.

The Auto-Fedan is the favorite with farm help because it is easiest on both men and teams and because it is absolutely safe.

The Auto-Fedan with its long sweep and its short crank arm is by far the most powerful press made; and it is so durably built and made of such good materials that you will have very little trouble from breakage.

The Auto-Fedan is sold at a lower price, capacity considered, than any other hay press.

The Auto-Fedan has the strongest guarantee that I know how to write. If you can think of any fairer proposition, write me about it. I want you to have this press.

**AUTO-FEDAN BELT POWER PRESS**

We also build the famous Auto-Fedan Belt Power Press—the most economical power press in the world. Two men can run it, but if you want to crowd it, speed up and double your force, operate it by a 8 hp engine. If you have a large quantity of hay, you'll be interested in the prices we can quote you on this powerful press. Write for particulars.

**NOW, THEN, LET'S GET TOGETHER**

I promise to save you money at the very outset.  
I promise that you will save at least 20 per cent in the cost of baling.  
I promise that you will get a higher price for your hay because of the neater, smoother bales the Auto-Fedan makes.  
You are DEEPLY INTERESTED in all these things!  
They mean bigger profits for you. Write to me today and let's get busy! I can ship promptly NOW, but the demand may exceed the supply. Get ready for a big harvest.

**Edward P. Ross, Pres., Auto-Fedan Hay Press Co.**  
1516 West 12th, Kansas City, Mo.