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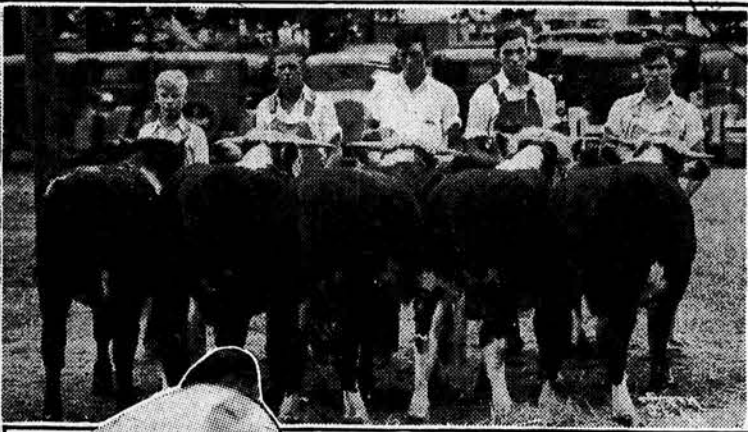
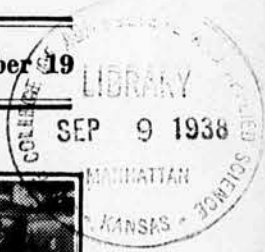
KANSAS FARMER

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CONTINUING
MAIL & BREEZE

Volume 75

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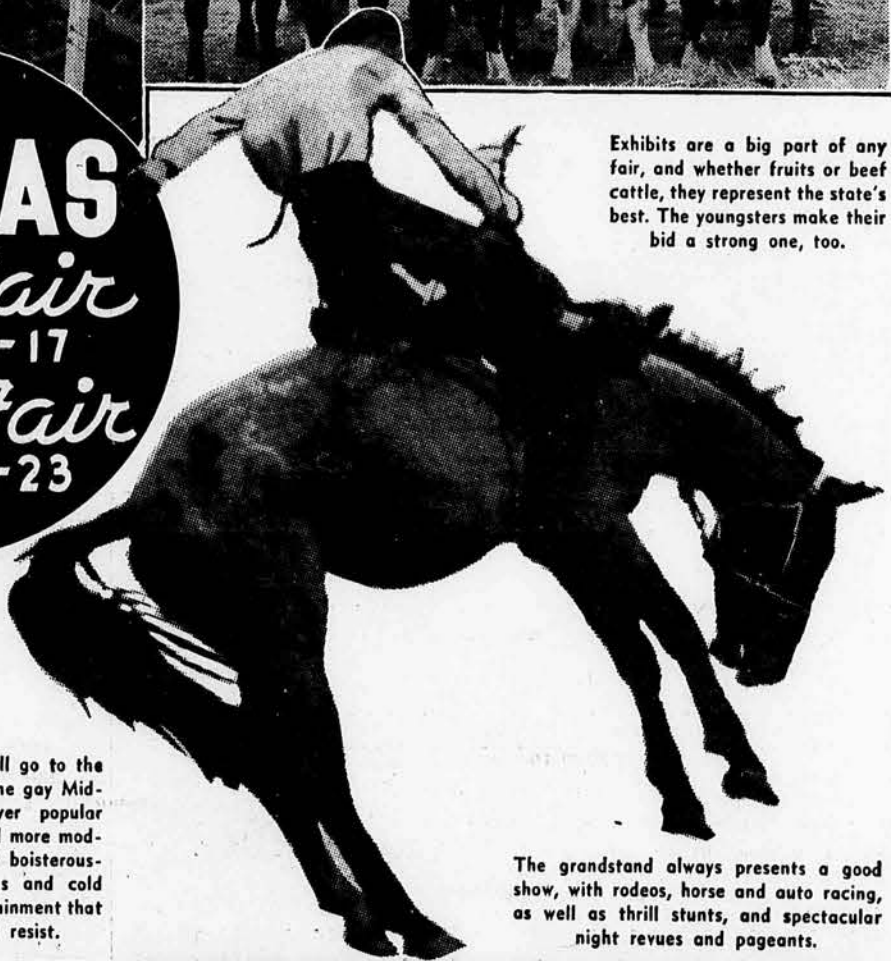
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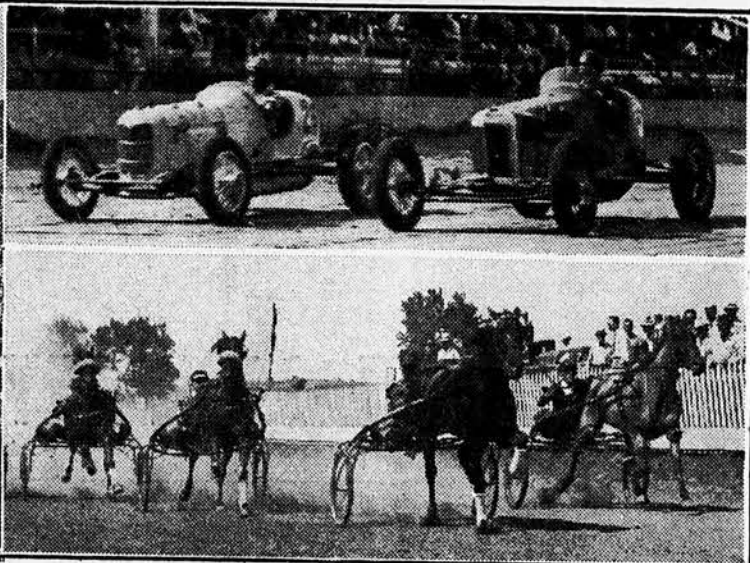
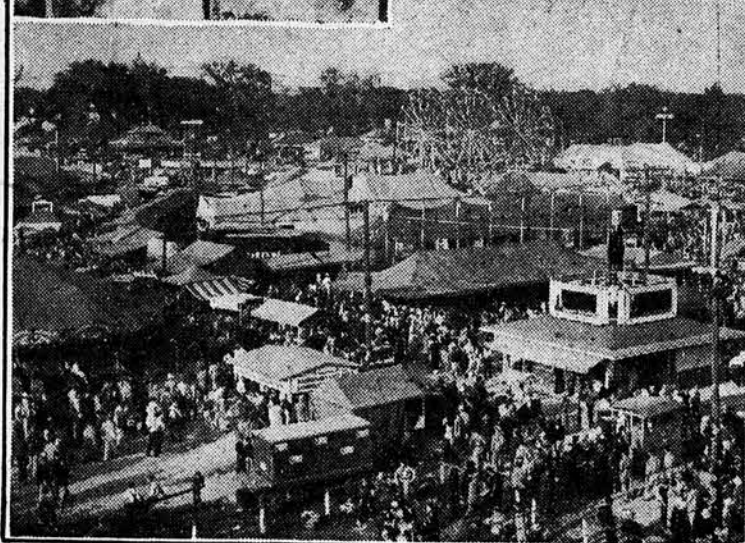
Exhibits are a big part of any fair, and whether fruits or beef cattle, they represent the state's best. The youngsters make their bid a strong one, too.



Young or old, we all go to the fair to have fun. The gay Midway, with the ever popular merry-go-round and more modern rides, its lusty boisterousness, and hot dogs and cold drinks, offers entertainment that few of us can resist.



The grandstand always presents a good show, with rodeos, horse and auto racing, as well as thrill stunts, and spectacular night revues and pageants.



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What Other States Are Doing

BY THE EDITORS

Tree-Ripened Flavor

ARKANSAS: Growers are turning to the quick-freeze method of processing fresh fruit and vegetables. By locating quick-freeze plants near fruit and vegetable growing centers it is possible to allow fruit to ripen on the plant, yet retain the quality and flavor of the tree-ripened and vine-ripened fruit.

Avoiding Soft Pork

NORTH CAROLINA: Pork from hogs that get too much feed high in oil content is likely to be "soft." Because "soft pork" is not popular with consumers farmers who feed soybeans often must sell their hogs at lower prices. Experiments to show just what part of the ration could be soybeans without causing soft pork reveal that a ration of not more than 50 per cent soybeans can be used in the first part of the feeding period, or until the average weight of the hogs is not over 100 pounds. Then if the ration is changed to 75 per cent yellow corn, 13 per cent cottonseed meal, 5 per cent tankage and 5 per cent alfalfa leaf meal and 2 per cent minerals, firm carcasses are produced.

Trees Are Thriving

MONTANA: From 70 to 90 per cent of the trees in the great shelterbelt of the Western Plains started 3 years ago survived, and some of them stand 15 feet high. They are providing wind-breaks that now make it possible to grow crops never before grown.

No Difference in Corn

IOWA: Difference in the hardness of mature yellow dent corns have no effect on their relative feed value in fattening hogs, experimental work shows. Fed to 100-pound pigs, hard varieties of shelled corn were just as effective as less hard varieties.

Gullies Last Stage

INDIANA: Gullies are the last stage of erosion, and erosion control could be much simpler if started before gullies appear, is the point made by a soils expert. "An examination of the soil profile along an old fence row or in some other spot where erosion has not occurred to any extent will reveal a good thick layer of dark top soil. If you examine the profile nearby, where the land has been kept under cultivation, you will find some of this top layer has been removed," he said.

Extra Straw for Manure

COLORADO: Grain growers with more straw than they need are turning it into an artificial manure by adding water and a mixture of fertilizer elements. A mixture commonly used for every ton of straw contains 65 pounds of ammonium sulfate, 60 pounds of



"I had to promise the wife I'd use it. She worries if I carry a gun."

finely ground limestone and 15 pounds of treble superphosphate. About 480 gallons also are used. Straw is put in a flat-topped pile about 6 feet deep. As each foot of straw is piled, part of the fertilizer mixture and then part of the water is added.

Barley Good Hog Feed

OKLAHOMA: Barley has been found an especially valuable hog feed. For one thing, it is the first feed available in the spring and is ready to be fed at the time spring pigs are weaned. The best method of feeding barley is to grind it comparatively fine but not to a flour. Generally speaking, it has been shown that ground barley has a feeding value only 14 per cent below the value of corn.

'Hoppers Plenty Tough

NORTH DAKOTA: As many as 125 red mites have been found on one grasshopper, hindering its activity, crippling it so that the 'hopper can't fly yet the 'hopper seldom is killed.

Jobs on the Highway

ILLINOIS: One thousand farmers are employed mowing the highway shoulders. Orders are to cut the shoulders, mowing all high-growing vegetation which reduces sight-distances and destroying all noxious weeds, but to protect the birds and bird nests.

Turn to Advertising

MINNESOTA: Approximately 210 dairy products plants—creameries, cheese plants, and ice cream and fluid milk plants—have signed contracts agreeing to co-operate in the dairy products advertising campaign proposed by the Minnesota Dairy Industry Committee. The plan is to advertise to show the value of dairy products, thereby increasing the income of dairy farmers.

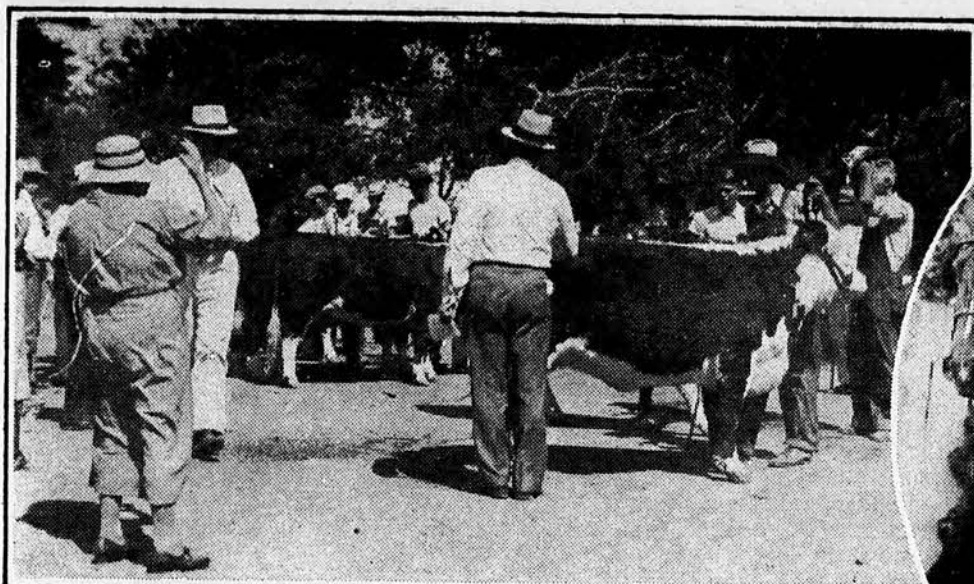


OUR little quiz in applied farm knowledge is designed for every member of the family. This time we are going to give the ladies of the household a chance to show up the men-folks by starting off with a few household terms. Remember that it's never too late to join our class. And it's most fun when you can match your wits with other members of the family.

1. A brazier is a (A) vegetable dish, (B) garment, (C) cooking utensil, (D) sewing stitch.
2. You might cook potatoes in a (A) chandelier, (B) chiffon, (C) caraway, (D) casserole.
3. A condiment is something to (A) eat, (B) wear, (C) sit on, (D) read.

4. You would use a cant hook on a (A) butchered hog, (B) log, (D) ice, (E) hay.
5. A fellow is part of a (A) wagon, (B) horse, (C) building, (D) corn planter.
6. Are the withers on the front or rear end of a horse?
7. What are the 12 states of the Corn Belt?
8. What are the wheelers in a team of horses?
9. How much water is required to float a stone boat?
10. Clutch is a term used by (A) dairymen, (B) poultrymen, (C) bee keepers, (D) shepherds.

Answers to questions on page 16.



Lining up the Hereford breeding heifers in the 4-H Club show at the 1937 Kansas Free Fair. J. J. Moxley standing with his back to the camera, near the heifer held by Elmer Riffel, Enterprise. At right, John Foltz, Wakarusa, brings in his fine team to haul hay and feed for exhibitors.



SURE TO BE GOOD

*Everything Points to
Bigger State Fairs*

By TUDOR CHARLES

THE state-wide fairs this year just can't help but be good. Every county fair reports fine exhibits, good crowds, interest. This is more advance notice that displays in the agricultural and home economics halls of the Kansas Free Fair and the Kansas State Fair will be the best in several years. They just can't help it.

Corn exhibits have for several years been astonishing evidence of good practices in years of general failure. But this fall, the corn shelves should fairly creak under their load.

In Topeka, where farm people by the thousands provide their own parking space and walk free thru the gates, a new attraction from the grandstand will be a wild west rodeo. It is fresh from the West, and headed for the Eastern coast fairs and exposi-

tions. The greatest of all free gate fairs is offering the best and latest in outdoor entertainment.

There are more swine herds out on the show circuits this summer if Kansas is a fair indication, so there should be a good show in that division. A number of young breeders are coming to the front and the swine judging each day early in the week may be unusually interesting.

The numbers of beef cattle will be on the increase too, thru the movement of the county herds. In the Shorthorn breed particularly, there will be 3 or 4 new counties represented.

After the final showing of the county Hereford herds at the State Fair in Hutchinson, an all-state herd will be selected to represent Kansas at the American Royal Live Stock Show. The Kansas Hereford Breeders Association is sponsoring selection of this herd to compete with other state Hereford herds at Kansas City.

The state-wide dairy judging contest, sponsored by the College Extension Service and the Kansas Farmer, will be held at the State Fair this year. The first 2 contests, in 1936 and 1937, were held at the Free Fair in Topeka.

Five breeds will be represented in the judging work, the Holstein, Jersey, Guernsey, Ayrshire and Milking Shorthorn. Prizes of \$15, \$10 and \$5 for

first, second and third place individuals; and \$10 for the winning team, will be paid in each breed by Kansas Farmer. Prizes total \$200.

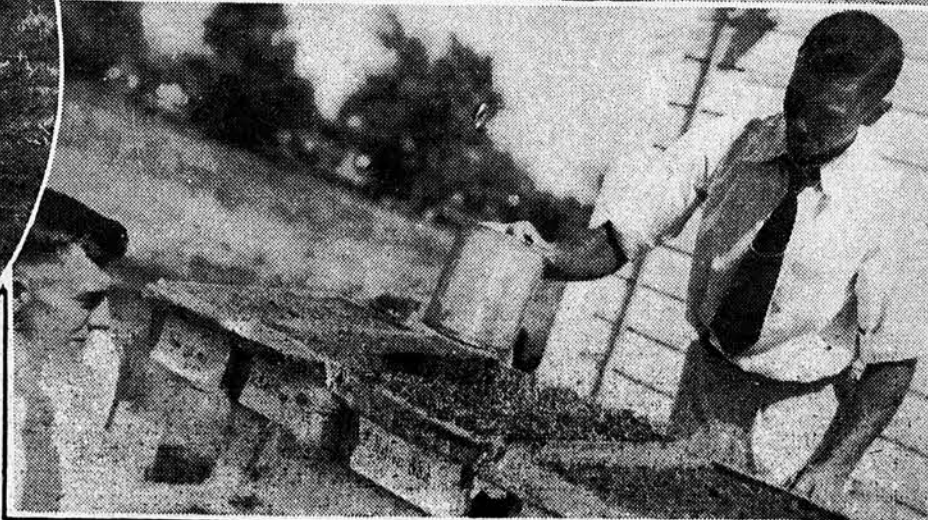
There were heavy entries in the district dairy contests last spring. While 13,776 people attended the shows, 972 farmers took to the serious task of judging several classes of cattle and the winners won the right to represent their districts at the state contest.

Someone raised the question, "Who are the oldest exhibitors at the fairs, from standpoint of years they have exhibited?" John M. Wright, superintendent of entries at the Kansas Free Fair, said he could answer that question for the last 20 years only, as records weren't available before that time. However, Mr. Wright said, "A comparison between the years 1918 and 1937 discloses the fact there are hundreds of persistent exhibitors; those who can be depended upon to make entries at each session of the fair."

"Among exhibitors in the department for horses," according to John Wright, "appear the names of D. F. McAllister, Topeka; David Cooper & Sons, Freeport; W. E. Dustin, Topeka; C. R. Soward, Baldwin; Paul C. H. Engler, Topeka; J. F. Begert, Topeka; H. G. Eshelman, Sedgwick, and J. F. Schwalm, Baldwin.

(Continued on Page 16)

Some of A. H. Knoeppel's Jerseys from Allen county, below at left, will be seen at both the big fairs. Directly below, M. H. Coe, 4-H Club Leader and Senator Arthur Capper look at the champion stock while J. H. Johnson grinds the movie camera, and Roger Coffman, Osage county, holds the champion Harshman steer. Joe Jagger and Larry Meyers, extreme below, of Minneapolis, won on their water-run-off demonstration at last fall's fairs.



Figuring Our Bushel Costs

Passing Comment by T. A. McNeal

A READER who is a purely theoretical farmer, asks me to tell him what is the bushel cost of raising wheat in Kansas. If he had asked me the acre cost I could have given him an approximate estimate altho even the acre cost varies widely. But take reasonably good land, level enough to cultivate without difficulty, and given also reasonably favorable weather at the time of plowing, seeding and harvesting, and also given modern machinery, the acre cost ought to be kept in the neighborhood of \$6 an acre; that would include interest, say at the rate of 5 per cent, on the cost of the land; proper care of the land to prevent erosion, some fertilization in the way of phosphate let us say, the cost of plowing, sowing and combining and delivering at the elevator. That, however, does not tell how much the cost is by the bushel. In many cases the cost of wheat by the bushel this year was fully a dollar a bushel.

On the other hand I know of a farmer who kept a careful and accurate account of cost including taxes on his land. His cost a bushel was only 25 cents, but he fortunately harvested 30 bushels to the acre on the average of No. 1 wheat. Another farmer of my acquaintance, just as good a farmer as the first, happened to be struck by rust and grasshoppers. Every bushel of wheat he raised this year cost him more than a dollar a bushel. There has been a good deal of nonsense published about the cost of raising wheat. Such figures are of no value. It costs but little more by the acre to harvest a crop that goes 30 bushels an acre than it does to harvest a crop of 5 bushels an acre. But the cost by the bushel of harvesting the 30-bushel crop is not more than one-fourth the cost of the 5-bushel crop.

Differences of Opinion

THERE seems to be considerable confusion of opinion concerning the new AAA farm program. Evidently the majority of farmers are favorable to some sort of conservation program but are opposed to any attempt to dictate to or regiment the farmers. The avowed principles of the modified AAA program as set forth by the Agricultural Adjustment Administration are as follows: (1) the establishment of an ever-normal granary as a protection against scarcity in future years; (2) conservation of the nation's soil; (3) the production of a supply of food and fiber that will prove adequate for the country's needs and for exports but will not pile up or perpetuate burdensome surpluses.

The essential points of the program are: (1) Establishment of national allotments for soil-building crops and practices. (2) Establishment of individual soil-depleting crops and a national objective for soil-building crops and practices. (3) A maximum payment to be calculated for every farm participating in the program. Payment will be made for keeping within soil-depleting crop allotments and for attracting soil-building goals. (4) The continuation of efforts to restore to grass, land unsuited for crops in the Great Plains.

The principal soil-depleting crops are wheat, corn, cotton, rice and tobacco. The acreage allotment for wheat for the year 1939 is 55,000,000 acres; the allotment for cotton will approximate 27,000,000 acres. The acreage allotment for corn, tobacco, rice, and other commodities for which allotment will be made in 1939 cannot be determined accurately until the 1939 production is more definitely known. The rate of payment on the wheat acreage allotment will be approximately 100 per cent higher than in 1938. Under the Domestic Allotment Act \$212,000,000 were appropriated for price adjustment in 1938.

As I understand the language of the report, cotton-raisers will receive 3.6 to 4 cents a pound on the normal acre yield for each acre in the cotton

More or Less Modern Fables

A "MUD-DAUBER" was looking thru a tumble-down house where she might build her nest and rear her young. She noticed hanging on the wall a pair of pantaloons with two holes worn in the basement of the same. Seeing this she remarked to her mate: "We will build our nest right here. The man who owns these trousers is out somewhere sitting on a store-box and wearing holes in the seat of another pair of pants. Even if he comes home he won't have energy enough to drive us out of here." And as the summer went by the happy "mud-daubers" built their nest and reared their young undisturbed, while the man who had worn the pantaloons still sat on the store-box and whittled and grumbled about the times.

The Steadfast Friend

By ED BLAIR
Spring Hill, Kan.

Sometimes I wander back again
In memory, to those days when
We formed the ties that still hold fast
Of friendship that through life shall last.
You were a boy then, I, a man,
But not so far now seems the span,
As when, some 40 years ago
Our steps were brisk and never slow.
New friends we've found as years have
flown—
New friends that we are proud to own—
New friends with whom we've spent sweet
hours—
Filled with the fragrance of sweet flowers;
Yet, through it all, our hearts still clung
To those sweet days when we were young!
For early friendships turn to gold
When friends in youth meet, when they're
old;
Yes, cling still closer to the heart
The things that that were of us a part.
So as we go our favorite way
The years or months that we shall stay
We'll not forget as life shall end
God's greatest gift, the steadfast friend!

(Copyright, 1938)

allotment; in other words the cotton raiser will be paid from 3.6 to 4 cents a pound for the normal yield of cotton on the land he plants. *

The corn grower will receive from 13 to 16 cents a bushel for what would supposedly be the normal yield. Let us suppose for illustration, that a normal yield of corn is 40 bushels an acre; he will receive from \$5.20 to \$6.40 an acre.

The wheat grower who agrees to reduce his acreage will receive an allotment of from 26 to 30 cents a bushel for what is supposed to be the normal acre yield.

To encourage soil conservation the payments will run from 50 cents an acre to \$1.25 an acre. Commercial orchards will draw a bounty of \$2 an acre.

Grass Makes a Comeback

DURING the past exceedingly dry years millions of acres of pasture lands in Kansas seemed to be utterly ruined. The native grasses seemed to be killed out. Weeds had taken the place of bluestem and buffalo grass and the range was a picture of desolation. In at least parts of the state nature seems to have wrought a miracle. The other day I was talking with a successful farmer of Osage county who told me that last fall he looked over a forty acre pasture and decided that it was forever ruined. Much of the ground was bare as a floor except for an occasional weed and gave no more evidence of fertility than the desert. The other day he visited this same field and found that nature had produced another crop of bluestem, which was growing rank and as high as his head. It was also growing thick as he had ever seen it grow. No pasture is better for cattle than the native bluestem such as grows on the Flint Hills. If this restoration of the native grass is general then it means many millions of wealth restored to Kansas.

Out in Western Kansas the principal native grasses were the buffalo and the grama grass. Millions of acres of this natural pasture was plowed up and sown to wheat. That was a contributing cause of the dust storms which raged in that part of the state. But the long-continued drought also apparently destroyed many thousand acres of the buffalo and grama grass. I supposed that it was gone as completely as is the animal for which it was named, but here again nature seems to have worked a miracle. I am told that large areas which were either entirely bare or perhaps supporting only a few weeds, now are coming back to buffalo grass. This seems incredible but the information is given by reliable residents of that part of the state.

I think perhaps the explanation may be this. The buffalo grass is perhaps the most drought-resisting grass in the world. It possesses a fibrous root that is sometimes 20 feet long or even more, going down

into the soil until it reaches dampness. My theory is that while the surface grass was burned off the little long fibrous root was not killed and when moisture again reached it, it pushed its way up to the surface and again developed into the famous buffalo grass of the plains. There is no finer grass for either cattle or horses than the buffalo. Now if the people only have sense enough to let it alone it will be a great blessing to Western Kansas, where ground that can be profitably irrigated should be irrigated, and what cannot be profitably irrigated should be allowed to go to grass if it will and stay in grass.

The Good Old Days

OUR AGRICULTURAL college authorities say that the farmer can produce 5,000 bushels of corn today with as little labor as would have been necessary 100 years ago to produce 250 bushels. In 1855, according to these college statisticians, it required over 33 hours of labor to plant, cultivate and harvest an acre of corn. Now, with modern machinery, the farmer can grow an acre of corn and harvest it with five hours of labor.

The labor cost of raising wheat has been reduced in about the same proportion. It would seem, therefore, that the growing of farm crops should be considerably more profitable now than then. The fact is, however, that there is much more complaint about hard times on the farm than there was before the advent of labor-saving farm machinery. Farm indebtedness has apparently increased in about the same ratio that cost of production, as measured by labor hours, has decreased. Sixty or seventy years ago when most of the work on the farm was done by hand, there was a period when there were very few farm mortgages and foreclosure actions were almost unknown. Interest rates were higher then than now, but the farmers did not do much borrowing. Of course, they did not have automobiles or, in many cases, even a buggy.

Life on the farm was simple, and according to present standards, hard. The hours of labor were long; the compensation was meager. Spring mattresses were unknown. A tick filled with feathers was supposed to be the last word in soporific luxury. The farm boy, and for that matter all the rest of the family, slept on ticks stuffed with straw placed on corded beds, that is bed cord stretched on wooden frames. The cord frequently broke during the more or less still watches of the night and let the tick sag down to the floor while the farm boy slept on with his head and feet elevated and the middle portion of his body down in the valley.

Looking back on those days of hand-production, they seem hard and dreary, but as enjoyment is entirely a state of mind, there was certainly more content then than now. A good many farm folk drank water from contaminated wells and died from typhoid fever, but as most of them were religiously inclined, they concluded that for some reason God had decided to remove them from this world of sin, and let it go at that.

Now the farmer can, with modern machinery, produce 5 or 6 times as much in a given number of hours and produce it with much greater ease, but with more troubles of mind and far less apparent content. What is the answer? Frankly I do not know.

THE KANSAS FARMER

Continuing Mail & Breeze

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MARCO MORROW Assistant Publisher
H. S. BLAKE Business Manager

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Farm Matters as I See Them

A One-Crop Mistake

DURING a 10-day stay recently in Minnesota I saw a lot of people, a number of politicians, and visited with many farmers. I think what impressed me most, however, was a county fair which I attended at Alexandria, in Douglas county, and the relatively prosperous farmers I saw there. The attendance the day I spoke there was close to 40,000.

This county in Minnesota is pre-eminently a dairy county. Minnesota, which used to be a leading wheat state, has become a general farming state. Kansas is a leading wheat state. But what I saw at that county fair, and what I learned from talking with farmers from that section of Minnesota, strengthened my conviction that the sooner Eastern and Central Kansas go in for general farming—including dairying, livestock and poultry—rather than depending so greatly upon the wheat business, the better it will be for farmers generally in these sections of Kansas, and the better for Kansas and Kansans.

Down the road, it is a mistake for any state or any section to depend upon one cash crop, when and where it is possible to diversify crops. The South depends upon cotton, and badly off as we have been in Kansas during the last few years, the South is infinitely, and so far as I can see almost permanently, worse off than we are.

I found the Minnesota farmers better off than our wheat farmers in Kansas; immeasurably better off than in the Southland where cotton is king and the bulk of the population is share croppers and laborers.

I found that the average cash income of dairy farmers in Douglas county is around \$175 a month. They are dairy farmers. They have poultry and eggs. They grow livestock for market.

True, they work longer hours, day in and day out, than do our wheat farmers. But they are not dependent upon one cash crop, and a crop that is produced in surplus quantities except in bad crop years.

These Minnesota farmers who have diversified have come thru the depression years in better condition than the one-crop farmers. The conditions in Douglas county today justify and verify that statement.

Checking up the figures from the office of J. C. Mohler, Secretary of the Kansas State Board of Agriculture, I find that Kansas in the last 15 years actually has gone backward so far as the dairy industry is concerned. Of course, that has been due in part to weather conditions of the last few years—but these weather conditions were not confined entirely to Kansas.

Back in 1922, the value of dairy products in Kansas, Mr. Mohler reports, was \$40,669,664, while the total value of farm crops and products was \$357,256,774.

Last year the value of Kansas dairy products was \$28,948,000, while the total value of farm crops and products was \$367,495,000, exclusive of \$18,512,000 of government payments.

Entirely aside from the AAA program, which is attempting I will admit to coerce Kansas to switch from wheat farming to general farming wherever possible, I believe it is the soundest agricultural policy for Kansas to pursue.

General farming—including dairying, livestock production, poultry and egg production, diversification of field crops—holds far more promise in the future than dependence upon one crop; and that one crop, as I said before, a grain that can sell profitably only in years when there is a crop shortage somewhere else in the United States and in the world as a whole.

There are sections of Kansas where wheat is the only profitable crop that can be grown. In some of these sections the land had better be left in pasture. But in the rest of Kansas, it seems to me the sooner we go to general farming, and give up trying to live the easier but more precarious life of the wheat grower, the better off we will be.

Kansas Fairs Need You

FAIR time is worth twice as much to farm folks as to any other group. First of all, it is a vacation time. Yet just as important, it takes farm folks behind the scenes to show them what is being accomplished in other sections of the state. Then for good measure there are the exhibits of machinery and equipment which industry offers to help make the job of farming more efficient and less laborious.

I have equal respect for the success of our many county and district fairs. But I am referring now especially to the coming Kansas Free Fair of Topeka, September 11 to 17, and the Kansas State Fair at Hutchinson, September 17 to 23. These fairs belong to farm folks. Without you there would be no fairs. Their success depends upon your exhibits. Lacking the carefully selected exhibits of grain, fruits and vegetables, and the expert finish of your prize winning livestock, these fairs would be without the sound foundations on which they were built. And without the encouraging attendance of farm people there could be no genuine fairs.

I like to think of state fairs as the show windows of what agriculture has accomplished. Even

in drouth seasons there has been no lack of progress as proved by these great exhibitions. But this year with a better growing season, more abundant rainfall, plenty of feed for livestock and thankfulness in our hearts that conditions are definitely improved, these show windows will more clearly resemble the true picture of Kansas agriculture.

I want to urge, my farm friends, that you attend at least one of these fairs. There you will renew old friendships and make new friends. You again will be inspired by the bigness of the great industry of which you are a part. Perhaps something at the fair will help you solve some problem that is bothering you. Best of all, you will return home with a broader vision of the possibilities of your farm.

A Job to Do

ONE of the most important jobs Kansas has for the present is to improve the grasslands. Benefits from successful work in this field will have a three-way value. Always of current importance will be its cheap source of feed. Equally important is the possibility of better balance in farming operations. And from the long-time viewpoint, we will be conserving our soil and its fertility, not only for use in our life-time, but for future generations.

In this connection I heartily commend the fine work a good number of Kansas farmers have done in Kansas Farmer's pasture program. As a publisher and as a Kansan, I am proud to have a part in this valuable work. When men demonstrate they can follow practices which will improve grassland even with only half the normal amount of rainfall, they are doing more than winning temporary mention for themselves. They are establishing and proving a system of grass management that will benefit an entire section of the country. Their success will encourage others to emphasize better grassland management.

We have abused our grazing land in the past. Apparently it was a case of necessity. But with knowledge gained in this and other valuable pasture management programs, we may be able to avoid similar mistakes in future years. So I want to congratulate all those who have worked in the Kansas Farmer program and invite others to join it in coming seasons.

Arthur Capper

From a Marketing Viewpoint

By **GEORGE MONTGOMERY** and **FRANKLIN PARSONS**

Market Barometer

Cattle—Declines in fed stock may be greater than in stocker and feeder classes.

Hogs—Early September prices may be month's peak, and some above late August.

Lambs—Slaughter classes steady to lower. Feeder lambs will probably sell a little more reasonable too.

Wheat—Steady to slightly higher.

Corn—Lower unless loan rate is decided prop.

Dairy products—Steady for a time.

Poultry Products—Eggs should be higher, but poultry will be steady to lower.

(Probable changes in feed and carrying costs have been considered in forming conclusions.)

With good wheat pasture, roughage and feed, which is better, feeding western lambs or cattle? If cattle, should it be good quality steers or thin cows and when should I buy?—M. C., Larned.

The supply of western lambs is larger relatively than the supply of

stock cattle. The feeder demand for lambs probably will be less active than the demand for feeder cattle. For these reasons, feeding lambs appears as good or better than feeding cattle. Good quality yearlings or stocker calves carried on a maintenance ration during the winter and fattened for the summer or early fall market have a good chance for profit, owing to the low feed costs. Cattle of this kind probably can be purchased in October or early November for less money than at present.

I can buy Oklahoma, Arkansas, or Texas breeding ewes 2 to 4 years old for \$5 to \$6 a head. Is this better than buying later ewes already bred and taking the chance of an advance in price?—P. L. C., Walnut Grove, Mo.

Five to 6 dollars a head for good 2 to 4 year old ewes seems to be about the usual price at present. However, the price of breeding ewes is not expected to advance during the next 2 months. There would seem to be little advantage in buying ewes early this year. If you can wait until the middle of October and get ewes already bred

you should be able to get them at 5 to 6 dollars or less.

Am planning to buy 40 heifers to start a herd. Have plenty of grass and rough feed. Would you buy now or wait for a break in the market?—A. R. B., Shields.

Prices of cows and heifers probably will be lower during the next 2 or 3 months. The declines are expected to be less than the usual decline at this season of the year, owing to the urgent demand for replacement cattle. Late September or October probably will be a good time to purchase cows or heifers.

Will have enough silage and hay to feed 20 cattle 100 days. When would you advise buying and what kind?—R. H., Missouri.

One hundred days' feeding would place cattle on the market sometime in December. It appears as the December and January will be a period when many warmed up and partly finished cattle will be going to market. Buying light stocker steers to be carried thru

Trend of the Markets

Please remember that livestock prices given here are Kansas City tops for best quality offered:

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$11.75	\$12.10	\$15.50
Hogs	8.65	8.50	11.55
Lambs	8.50	8.75	10.85
Hens, 4 to 5 lbs. ....	.13	.14	.20
Eggs, Firsts .....	.22	.19½	.20
Butterfat, No. 1 ....	.21	.21	.31
Wheat, No. 2, Hard ....	.71½	.66	1.10½
Corn, No. 2, Yellow ....	.51½	.49½	1.03½
Oats, No. 2, White ....	.25½	.23½	.32½
Barley, No. 2 .....	.40	.40	.68
Alfalfa, No. 1	13.00	13.00	20.00
Prairie, No. 1	8.50	8.00	10.00

the winter and sold to go on grass next spring probably will show a better profit for the feed than full feeding for a winter market. Late September or October will be a good time to buy.



"Cussedness bounces just like a rubber ball."—Hugh Baldwin.

LAFE CURRAN blinked patiently in the spring sunshine, while at the touch of his knife long shavings curled up from a pine splinter. He had waited months to find out a certain thing about the raw-boned old man who sat on another bench against the house wall, untangling a snarl of fish lines.

"If I hadn't been too cussed lazy to take keer of them lines," said Hugh Baldwin, "I wouldn't have to onsnazzle 'em now. The Lord ain't got but one law, and that's enough. Cussedness bounces just like a rubber ball!"

"Uh-huh," agreed Curran. From the first it had been part of his plan to agree with everything Baldwin said. He had to keep friendly with him. Inwardly Lafe sneered, but no hint of what he thought appeared on his weathered, sharp-eyed face.

The clank and rattle of an old car suddenly smote the stillness of the mountains. It grew louder for all of a minute before the dirt road, forest grown to the very edge, yielded a steaming automobile that ran doggedly altho it seemed to be little more than scrap iron.

A fat man, wheezing, climbed out from under the wheel and nodded at Curran and Baldwin as he came up. He fairly radiated haste.

"Hugh," he said, "I got to be in Port Thurman at 10 o'clock this morning with as much money as I can get in cash to close a deal for some land. I ain't got time to go to the bank at Valeboro. Yesterday I had a sick boss and couldn't go. You know my check's good. I was wondering if you could let me have a hundred dollars on a check?"

BALDWIN put down the snarl of lines. His clear blue eyes with their bland expression that was never ruffled dwelt on the face of the visitor. The old man rose to his feet—a powerful, easily moving figure, altho his hair and beard were white.

"Gabe Tompkins' check is good," he said. "Don't you want two hundred Gabe?"

Tompkins wiped perspiration from his suddenly beaming face.

"Two hundred would just exactly fix me up, Hugh!" he exclaimed. "I was going to try to pick up another hundred somewheres along the road! Didn't want to ask for so much!"

"If a man ask thee to go a mile go with him twain," said Baldwin, "and from him that would borrow turn not away. You jest wait here a minute. I'll be right out."

Curran was so stunned by his sudden good fortune that he had remained, from the first words about money, with his knife motionless in the wood. Now he remembered that he must not appear interested. He turned up a perfectly curled bit of wood.

"Don't see much of you, Curran," said Tompkins, cheerfully. "Ain't seen you around the Corners store for a long time."

Curran grunted, while he strained his ears to catch sounds from within the house. He had kept to himself ever since he had suspected that Baldwin had a lot of money, because he did not want visitors. There would come a time when visitors would be very unwelcome. People must get out of the habit of going to his house.

"I see Baldwin a lot," he said. "He's nearby. Take a man that wants to work he can keep busy the year around. I don't have no time for the store. Chopping, hunting, trapping, spring work. Haying. Gosh!"

"I know it," agreed Tompkins sympathetically. He was filling out a check on the doorstep. Baldwin came out with some bills folded in his hand. Tompkins exchanged the check for the money, shook hands, and sprang into his car. It rattled out of hearing. Baldwin was already back at his work.

"None of my business," said Curran, choosing his words carefully, "but ain't it dangerous to keep a lot of money around the house?"

"Everything is dangerous," answered Baldwin, "if a man thinks so. After the banks had that spell of sickness I thought I'd better keep my money at home. The Lord helps them that help themselves. So I took care of my own money. It don't seem as

tho anybody around here would be mean enough to rob me."

He was a simple old fool, thought Curran. The time had come now. Lafe knew to a certainty that there was money in the house. That was what he had been waiting for. There must be a good-sized roll if Baldwin could peel off two hundred like that.

Since he didn't trust the banks he must have it all somewhere in that time-beaten little building behind them.

"Nobody that knows you would rob you, Hugh," said Curran. "I was thinking of strangers. You've kind of stuck yourself with a check now, ain't you? You don't save them things?"

Baldwin shook his head.

"I'll go to Valeboro tomorrow and get it cashed. Gabe was in a hurry and I ain't. No reason why I shouldn't make a trip for him. He's a neighbor, ain't he?"

"Sure," agreed Curran, tolerantly. He rose and stretched. "I got to go along home and hoe my young corn. When I get that done I'm going to put a cement floor in my cellar. I'll want you should see it."

Nothing was more natural than that a man should put a cement floor in his cellar, if he could afford it. Lafe Curran hired a man to draw his cement and sand and then he went about the actual labor in a leisurely fashion.

He put the cement down in strips across the cellar, each 4 or 5 feet wide, and at the end of a week he had it all done but the last strip and a place about 6 feet by three under the plank stairway that led up into the house.

It was dark in the cellar anyway and it was very dark under the stairs. Not even a gasoline lantern, hung from one of the floor beams, lighted that space.

Everything was ready. Curran went down the road to Baldwin's place on a fine clear morning and found the old man sitting out in front mending a basket.

"Want you should come up and see my cellar bottom," said Curran. "I got it 'most done."

"I guess I better not," Baldwin told him, with a shake of his head. "I planned for strawberrying to-



By WILLIAM MERRIAM ROUSE

COMPLETE IN THIS ISSUE

day and it's the only day I can take the time this week. They're prime right now."

"Golly, I need advice!" Curran let his head and voice droop. "I was depending on you to help me out. The last strip of cement didn't set right and I knowed you could show me how to mix it better."

Hugh Baldwin sighed and rose.

"All right, Lafe," he said. "If a man wants me to help him I figger it's a call from the Lord. I'll go, and mebbe the berries will be better this afternoon."

They walked along up the dirt road together, Curran busy going over each step of the plans he had made and Baldwin enjoying the fresh, bright green of June. He drank of the air, as tho it were stout draughts of ale.

Curran led the way into the kitchen and opened a door.

"You go right on down, Hugh," he said, "and I'll be coming behind with the gasoline lantern. Can you see all right?"

"Can't see nothing much," replied the old man, chuckling, "but I can feel with my feet!"

Instead of the lantern that sat ready to light on a table Curran snatched a smoothly whittled club from the woodbox. He stepped into the cellarway behind Baldwin. The white head was a gray blur two steps below. He swung the club and brought it down with all his strength.

When Hugh Baldwin opened his eyes he was decidedly uncomfortable. There was a dull ache in his head, a shooting pain across his chest, and a general feeling of discomfort that was as keen as pain.

He blinked in a strong light and shook his head. The gasoline lantern hung from a beam in front of him, a matter of ten feet away. He was in Curran's

cellar, brilliantly revealed except for a dark space under the stairs.

Baldwin remembered that he had started down stairs to look at Lafe Curran's new cement floor. What had happened? Maybe he had fallen in the dark and cracked his head. He tried to move and found that he could not.

It came to him then that he was standing up. A moment before he had been sagging, altho in an upright position. Slowly it dawned upon him that he was tied. One ache was from a rope that ran under his arms and across his chest. His wrists were tied together in front of him.

This was utterly bewildering. He stared around. He was standing on earth, against a wall.

A few feet in front of him the cement began and strips in graduated states of hardness ran to the opposite wall.

A faint scratching noise under the stairway caught his ear. He saw something stir there, and then the head and shoulders of Lafe Curran appeared against the cement floor. Lafe seemed to be crawling out of a hole. He stood up and brushed earth from his clothes.

"Lafe!" called Baldwin. "What in tunket's going on?"

IT AIN'T started yet," replied Curran, with a vicious grin. "It's going to start in a minute."

"What's the matter? Have I been having a fit or something? What be I tied up for?"

"You're going to have a fit, all right!" Curran told him, and he laughed.

"Was you the one that tied me up? Lafe! You must of hit me when I wasn't looking!"

"That was the easiest way to do it," Curran said. "You're a tough old bird and I didn't know if I could handle you easy or not."

"But look here, Lafe!" cried the old man. "I thought you was my friend. What you done this for?"

"You'll find out!" Curran reached to the stairs and took up what was known in that neighborhood as a bullwhip—a long whip of braided leather with a knotted lash at the end.

"What you got against me?" demanded Baldwin. "Ain't I allus treated you the way a man ought to treat a feller man? If I ain't I'll make it right!"

"Listen, you crazy old coot!" exclaimed Curran. "You're going to tell me where you keep that money of yours! Now hold on. Don't talk afore I get thru. You'll say you won't and I'll give you a taste of this whip. If that don't make no difference then you're going into the grave I got ready for you under the stairs."

"If anybody comes down here looking for you, which they won't, there'll be fresh cement where you're standing and if they happen to see this patch under the stairway it'll look natural. And the grave is six foot deep."

"I'm telling you so you'll know I mean business. If I have to bury you I'll tear your house apart and find the money anyway, and get out. But I druther stay right here. You hand over the money and I'll let you go as soon as I get my hands on it."

There was a moment of silence. When Baldwin spoke his voice was low, controlled.

"Lafe," he said, "you're making an awful mistake."

"The only one that's got a chance to make a mistake is you," Curran told him. "What say? Where's the money?"

"I don't believe I'll tell ye, Lafe."

Curran drew back his arm. The whip whistled thru the air. The lash, cutting like a knife, flected against the old man's cheek dangerously close to the eye. A little red gash appeared. Baldwin flinched and caught a groan between his teeth. Curran laughed.

"I handled one of these here things in a medicine show once," he said. "I ain't out of practice so bad."

His arm drew back again. A three-cornered piece of flesh was lifted from Baldwin's jaw. Another red brand appeared over his eye. The old man braced his quivering body back against the wall and closed his eyes.

"Lord! Lord help me!" he muttered.

(Continued on Page 18)



"Ain't it dangerous to keep a lot of money around the house?"—Lafe Curran.



Greater VALUE

new JOHN DEERE Models "A" and "B" Tractors

JOHN DEERE two-cylinder tractors always have been noted for their great value, outstanding economy, unsurpassed dependability, and the extra years of satisfactory service they give.

Now :: in the new Models "A" and "B" General Purpose Tractors :: John Deere gives you greater value than ever before. As you inspect them, the first thing that will catch your eye is their clean-cut, modern appearance. And to this modern styling have been added new and practical features that assure even better performance, greater convenience, and even a higher degree of satisfaction than John Deere owners have enjoyed in the past.

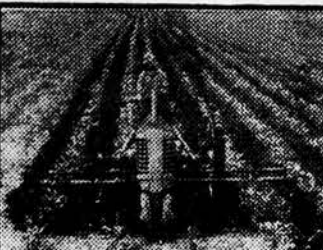
In designing the new Models "A" and "B", the many advantages that have made John Deere tractors famous have been retained. You get unexcelled vision; easier, shock-proof steering; foot-operated brakes for short turning; convenient controls; a roomy platform; hand-operated clutch; and hydraulic power lift, if desired. These features mean more acres covered, better work, with less effort.

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John Deere Standard Tread Tractors are available in three power sizes. Above—the famous 3-4 plow Model "D", a favorite on thousands of farms throughout the country.



In four power sizes, and eight different models, there is a John Deere General Purpose Tractor for every farm and crop. Integral equipment is dependable, fast working.



Above—the 3-plow John Deere General Purpose Model "G" and No. 25 Push-Type Two-Row Corn Picker. Here's a great outfit for faster, lower cost, easier corn picking.



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<input type="checkbox"/> Model "G" 3-Plow Tractor	<input type="checkbox"/> Model "D" 3-4-Plow Standard Tread Tractor	<input type="checkbox"/> Model "L" 1-Plow Tractor

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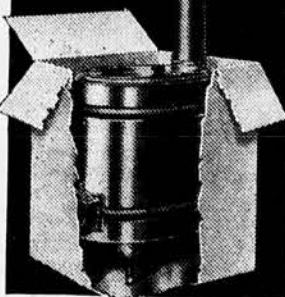
And now, we offer you a brand new idea—the Matched Heating Unit. It's everything you need for a proper installation; a JEMCO Heater, 3 Joints of Pipe, a Damper, an Adjustable Elbow, a Floor Board, and a Wall Collar—all packed together in a single carton and priced very reasonably.

Made of St. Louis Blue Tempered Steel

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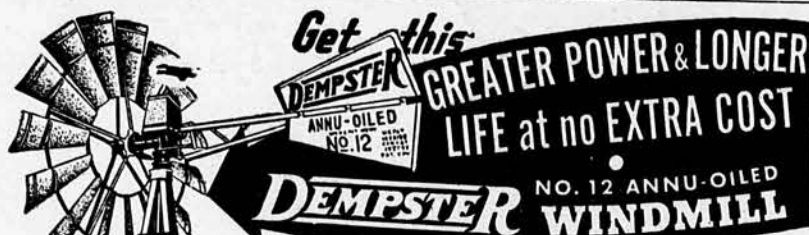
See JEMCO Matched Heating Units in St. Louis Blue Tempered Steel at your Dealer's.

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Made in four different styles and a wide variety of sizes—all moderately priced.

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well braced—adjustable swinging pump rod guides—convenient pull out—substantial platform—and rigid corner posts. Furnished in 2 in. and 2½ in. angle and in sizes 22 ft. to 89 ft. Built to withstand the storms!

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Los Angeles Salt Lake City



Cattle in the feed lot of A. L. Criger, Elk county, with silage and prairie hay as the basic roughage rations. In Elk county, as in dozens of other Kansas pasture counties, powdered limestone is an important item in the ration if alfalfa is not fed.

Limestone Feeding Fits Kansas

K. S. C. Contribution No. 2

OF ALL the valuable methods tried and tested by the animal husbandry department of Kansas State College, the most far reaching in Kansas is the system of feeding powdered limestone to beef cattle.

In practice this means a substitution for the calcium in alfalfa or clover hay, which was once considered almost necessary to profitable cattle fattening.

When Dr. C. W. McCampbell, department head, agreed that the limestone work was most important, he recalled the response its first announcement in Capper Publications brought forth as long as 10 years ago. Expressions of opinions, that beef could be made more profitably from rocks, ranged from non-comment to frank scoffing of the idea.

But today, a good many states are placing great emphasis on feeding calcium, in one form or another. And some of the country's greatest authorities on nutrition strongly recommend

pounds of cottonseed meal or other such concentrate.

A practical application of this system was seen following the graduation of Chas. T. Herring, Tulia, Texas, in 1933, from Kansas State. They had not been feeding cattle to any degree of finish on their ranch, but when young Mr. Herring came home with the evidence of the powdered limestone tests, the practices were given a trial. Cattle were fattened on milo grain, sorghum silage, cottonseed meal, and powdered limestone. The first winter, cattle from the Herring feedlots topped the Los Angeles market three times.

—KF—

Houses His Machinery

Machinery is carefully housed on the H. L. Brownlee farm, Reno county. There is a large concrete block barn which houses the truck and any other portable machinery which might need care. Then most of the important wheat equipment is kept in another barn and machine shed. A tight and substantial building is a refrigerator box car. This is used as a granary, but has also been filled with silage. Because of the tight construction of the car the silage kept fine, Mr. Brownlee said.

—KF—

Double Life of Posts

Farmers who wish to spend a little time profitably in longer life for their fence posts can treat them cheaply. A new method announced by the Forest Service is to peel the bark from the butt ends of the posts and stand several of them with butts upward. Then slip or wrap old inner-tube material over the butts. This should be done when the posts are freshly cut. Into the open ends, formed by the tubing, is poured a preservative solution of zinc chloride dissolved in 9 times its weight of water, or 5 pounds of the salt for a 5-gallon mixing can.

—KF—

Successful Manager



Maurice W. Jencks, manager-secretary of the greatest of all Free Fairs, at Topeka. He has brought steady improvement thru recent years.

the practice where leguminous hays are not available.

The idea of supplying calcium in some form other than alfalfa came to members of the animal husbandry department after a series of experiments with calves in 1920-21 and 1924-25. In these tests calves fed a normal "Corn-Belt" ration including alfalfa, silage, corn and cottonseed, made decidedly more profitable gains than those from whose ration the alfalfa was omitted.

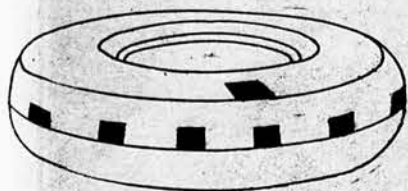
Also in the 1924-25 tests, other trials were made in which alfalfa was fed at the rate of 2 pounds a day toward the latter part of the feeding period. The result was much improvement in the total gain and considerable increase in selling value.

All scientific evidence pointed to calcium deficiency in the alfalfaless rations, so the powdered limestone feeding series was begun. By 1931 it had been definitely proved that a tenth of a pound daily of powdered limestone would supply the necessary calcium for a feeding steer. The protein content is made up with one or more

Ideas That Come in Handy

BY FARM FOLKS

Keeps Water Clean



An old tire makes a fine watering trough for chicks. Cut as many holes just above the center as you like, and one on top in which to pour the water. The water stays perfectly clean and also is shaded and cool.—Fred Etherton.

To Remove Stubborn Tap

It often is necessary to remove the tap from a bolt that's head is out of reach. When this happens use a hacksaw to cut a slot in the end of the bolt which protrudes from the tap. A screw driver inserted in the slot will hold the bolt steady and the tap can be removed in the ordinary way.—Bernice E. McWilliams.

Jump Only One Way

To make an excellent mouse trap for the barn bore a hole in the center of a board 1 foot square and $\frac{1}{4}$ inch thick. Make the hole 1 inch in diameter. Place the hole over the center of a gallon bucket and push three needles or pins at equal distance around the hole so the points will form a small circle on the under side of the board about $\frac{1}{4}$ inch in diameter. Place some strong smelling food in the bucket. The mice will jump in and then be trapped.—Lucille Barnes.

Ants Don't Like It

If you are troubled with ants sprinkle the shelves with a mixture of red pepper and sage and you will soon be rid of them.—C. D.

Salvages Locks and Handles

Door locks and handles taken from junked cars make very fine locks for any door which swings on hinges.—F. J. Schrader.

Prevents Saw Slipping

When one is working on a sloping roof and a saw is a necessary tool, one is often annoyed by the saw slipping

from reach, or to the ground. This may be avoided by removing one of the bolts in the handle of the saw and replacing it with a 2-inch screw. The sharp point of the screw prevents further slipping.—Benjamin Nielsen.

For the Cows Only

On a small farm where there is only one barn and it must be used for both cows and horses, and in order that they may go in and out at will, this idea may be of value. I place a pole across the doorway on the cow side of the barn, just high enough that it will touch the cows' backs as they pass under, and the mules and horses won't go in and bother the cows.—Charles J. Collett.

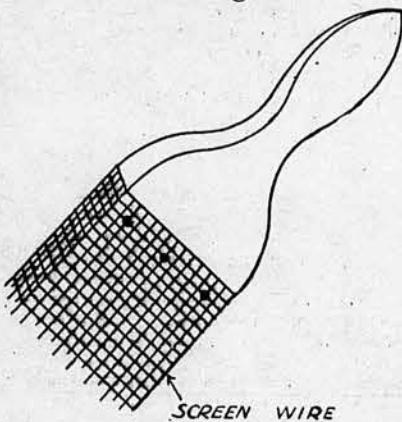
Chains Used as Ladder

When it is necessary to go into the well or cistern and no ladder handy, hook automobile chains together. They make an excellent ladder and can be used thru openings that will not let a wide ladder thru.—Mrs. R. E. Lofts.

Vessels Last for Years

I keep my cooking vessels from leaking by painting the whole bottom. When a leak is first discovered, I paint the bottom with iron enamel in any color desired. By repainting each time a leak shows up, vessels may be kept in use for years.—Mrs. J. W. Green.

Tool for Cleaning Tools



A useful tool may easily be made with a piece of screen wire and a handle made similar to a paint brush handle. This tool is handy to clean hoes, shovels and plows.—John Ballard.

Real Corn Husking This Year

YOU are invited to enter the state husking contest of Kansas for 1938. It will be held somewhere in the state about November 1. The state meet is open to county champions, and every speedy husker should send his name to the Contest Manager, Kansas Farmer, Topeka. All will be lined up in county meets, and county winners from all over Kansas will fight it out for the state championship late in October.

This big farm show of the season is free to everyone. Details will be handled by the contest manager and his helpers. The Kansas champion will get \$100 cash, also a silver trophy cup

from Senator Capper, and a free trip to Sioux Falls, South Dakota, in November, to try for the national husking championship. Second high Kansas man gets \$50, and is eligible to enter the national contest where champions from all the Corn Belt States "husk it out" on the national battlefield. Prizes in the final meet will range up to \$100. Third, fourth, and fifth places in the Kansas contest win \$25, \$15, and \$10 respectively.

If you are a good corn husker, send in your name to be entered in your county meet. Don't wait until later. Details of the many county contests make early entries necessary.

Husking Editor, Kansas Farmer,
Topeka, Kansas

Dear Sir: I would like to represent my county in the Kansas Husking Contest this year. I will enter a contest in this county to determine the husker who will go to the state meet.

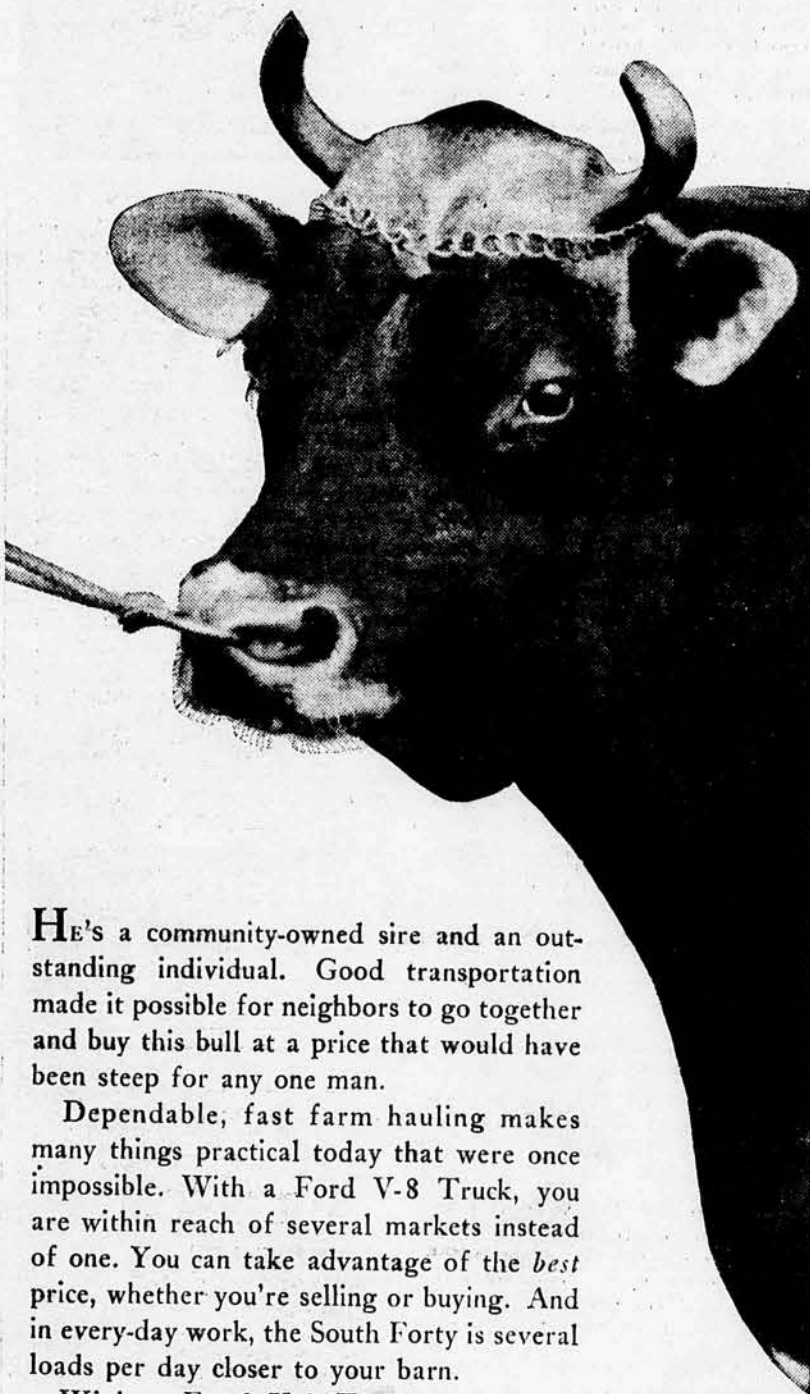
Name

Town County RFD

My age is I have husked bushels of corn in one hour.

Best fields of corn in this section will average bushels to the acre.

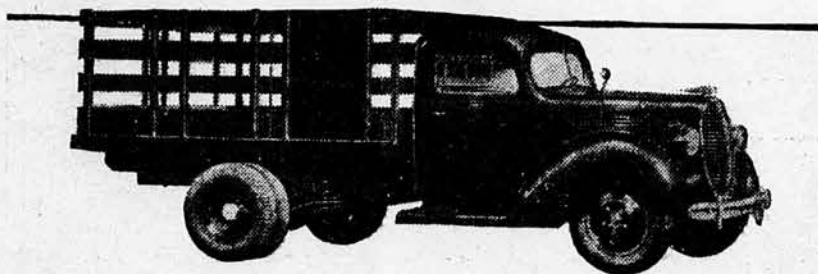
TOMORROW A **FORD V-8 TRUCK**
will take this Fellow
to the Jones' Place



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Dependable, fast farm hauling makes many things practical today that were once impossible. With a Ford V-8 Truck, you are within reach of several markets instead of one. You can take advantage of the best price, whether you're selling or buying. And in every-day work, the South Forty is several loads per day closer to your barn.

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• Turning under wiry stubble and heavy growths of alfalfa, sweet clover, and cover crops proves the performance of McCormick-Deering Plows. When you go into the field this fall, you can count on these plows to do a thorough job. They turn clean, even furrows. They put your fields in good condition to get the benefit of fall and winter weathering.

Back of every McCormick-Deering Plow stands International Harvester's many years of plow building experience, assuring you quality; strength; easy adjustment; and sound, practical design throughout.

McCormick-Deering Plows are made in sizes and types for every soil condition. Just say the word—and the McCormick-Deering dealer will help you choose the right plow for your farm.

Besides tractor plows (illustration shows a McCormick-Deering Little Genius and Farmall 14 Tractor) you have a wide choice of quality-built horse-drawn plows. Ask about the full line of sulky, gang, disk and walking plows.

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•
YOU CAN
DO SOMETHING
ABOUT IT!

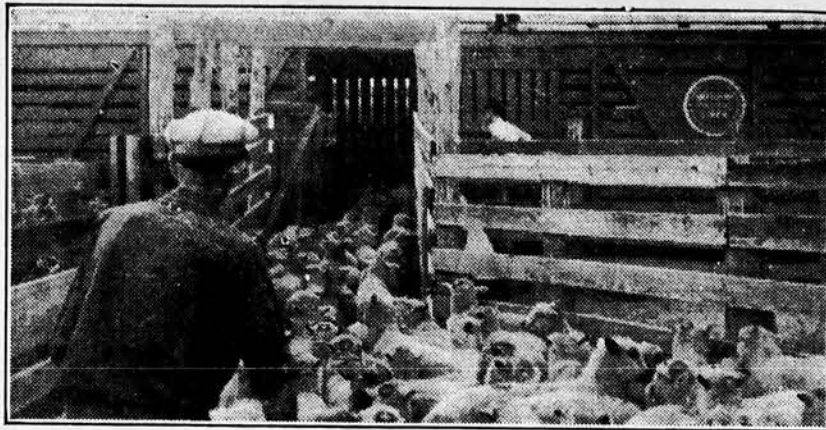


Are you, like hundreds of others, hoping to make more friends, have a happier home life or achieve greater success in your business? If you are not as successful in the business world as others, it may be that you are pursuing the wrong career! Perhaps you are doing office work when you really should be a musician. Or maybe you are working in a department store and wasting your talent for writing. If you think that people do not try to make friends with you, it may be that you are holding them aloof without realizing it. The wise thing to do is to learn more about yourself. Get down to the bottom of your own individual problems. What kind of a person are you?

Your Handwriting Tells the Story

There are only twenty-six letters in the alphabet, but the way you form each letter in your own handwriting tell many things about you. An analysis of your handwriting will give you a chance to get a good look at yourself. It will tell you about your best qualities so that you can make the most of them and point out your weaknesses so that you can overcome them. It gives you a "word-picture" of your talents and characteristics. Your handwriting brings out just plain facts, but they are the real YOU on paper. The things you learn from your handwriting will give you a greater understanding of yourself! It will help you to fit into the social and business life of the community in which you must live and work, and you'll be able to develop a greater personality through your knowledge of your true self.

If you would like to know what this science of handwriting analysis can tell you about yourself, here is your opportunity. Through special arrangement with Frederick St. John, nationally known authority on Grapho-Analysis, you may secure a test analysis by just sending in a specimen of your handwriting with 10 cents in silver and a self-addressed stamped envelope. Mr. St. John has analyzed more than a half million handwritings of professional people, business men and educators, as well as young men and women just starting out in life. Send your letter to Frederick St. John and say, "Please send me a test analysis of my handwriting. I am enclosing 10 cents in silver with a self-addressed stamped envelope." Your letter will receive Mr. St. John's personal attention. No forms or mimeographed letters are used. You will receive a personal, typewritten reply to your letter. Mail a sample of your handwriting with 10c in coin to Frederick St. John, Handwriting Department, 123 West Eighth, Topeka, Kan.



Choice native lambs, from Dean Floyd's Western ewes, being loaded at Sedan for co-operative shipment. These lambs were sired by good rams.

Uses Good Ram on Western Ewes

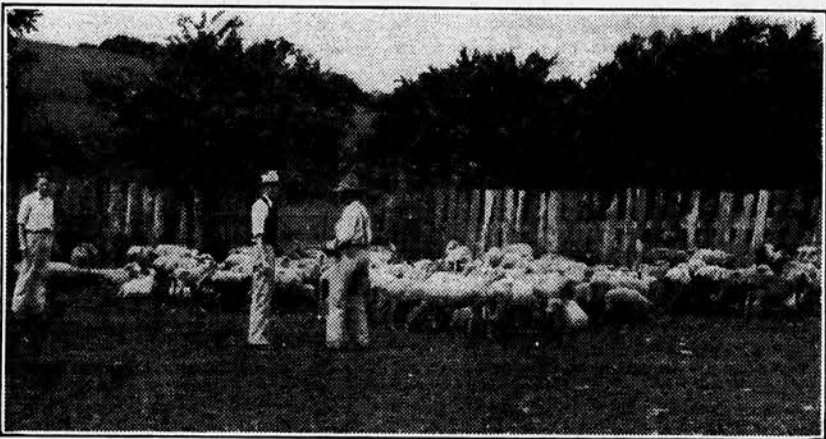
Care Makes Profitable Lambs

SHEEP are making a record as cash producers on farms in every part of Kansas. In Chautauqua county, Dean J. Floyd, ranchman, decided sheep would make a profitable addition to his cattle business, so he bought some ewes. Part of them were from Texas, and part from the pastures northwest of Kansas.

Bred to good Shropshire bucks these common ewes raised good lambs on the lush early pasture of the Floyd ranch, where part of the grass was fenced sheep-tight. A good sheep shed with

accommodations for feeding and for storing feed was built on the side of a hill, with the south side open.

These ewes have proved to Mr. Floyd that a rather common variety of Western ewes, with good bucks, will return a good profit, if carefully handled. Reasonably good shelter is needed during lambing, and good pasture with some grain for the finishing lambs is preferable. Marketing at the proper finish is important, too, as light, unfinished lambs usually receive a heavy penalty in the spring.



Ordinary Western ewes, with part of the lambs, just after shearing in Dean Floyd's pens near Sedan. The men in the picture, from left to right, are Lot Taylor, county agent; Ed Rochford, grading lambs for the Producers Commission Association; and Otto Brewster, shepherd for the Floyd flock, who has been on the ranch for 7 years.

A Revived Pasture

Bluestem and other native grasses have made a remarkable comeback on the pasture of J. N. Miles' farm, north of Burlingame. He reports that where a year ago he thought the grass dead, it now is higher than an automobile. He has 400 acres of this revived pasture. Mr. Miles says this native grass will mean millions of dollars to the state.

—KF—

W. L. Carr, Bruce Slagell and T. D. Hunt, farmers. General manager is Lynn F. Hemenway. He has had 16 years of experience in creameries of Nebraska and Kansas.

The Attica creamery will manufacture one product, high quality butter, which will be known as "Pride of Kansas." The butter will be shipped in carload lots to eastern markets.

—KF—

Heads Fair Second Year

New Co-operative Creamery at Attica

ATHOUSAND farmers, business men, their families and friends, attended the opening of the Co-operative Creamery at Attica, late last month. The event was one of the most important in the history of Harper county and also Kingman and Barber counties, and Alfalfa county, Oklahoma.

The new creamery, valued at \$10,000, opened its doors at 6 o'clock a. m. A. O. Archer, builder of the creamery, presented \$20 in cash prizes to the first 27 farmers to deliver 5 gallons or more of cream. The first man was Louis Johnson, of Attica. Gerald Smalley, Glen Gunn, F. W. Fredricks and B. W. Roderick, all of Attica, were included in the next five.

The Attica Chamber of Commerce served Mulligan stew and hot coffee to all those present at the opening.

The board of directors of the new creamery are J. G. Kille, Charles Terrell and R. O. Williamson, business men and farmers of Attica; S. J. Davis,



S. M. Mitchell, secretary of the Kansas State Fair, in Hutchinson. In his second year as secretary Mr. Mitchell has a growing host of friends.

Beef Men Turn to Advertising

Publicize Good Cattle

A SUCCESSFUL series of beef cattle tours has just been completed in the Southern part of Kansas. Local beef men co-operated with county agents and J. J. Moxley, beef specialist, to hold tours daily in each of the primary beef-producing counties.

In Kiowa, Barber, Comanche, and Clark counties, owners of beef herds have been making an aggressive campaign to publicize their good commercial feeding cattle.

They have a unique idea in their new slogan, Kansas' Best Commercial Cattle, taken after the first letters of each of the counties in this big range area. There are 1,100,000 acres of range land in these 4 counties.

Two primary livestock production systems are in most general use: Maintenance of a cow herd to produce feeder calves which are either sent directly to the Corn Belt or grazed in the Flint Hills and then sent to Corn Belt feed lots; and wintering and summer grazing of lightweight steers.

Good bulls were stressed as a valuable means of building up profitable herds. Recently lighter grazing has been given more attention and 10 to 20 acres of grass is now the standard allowance for a cow and calf. Jay Pounds, Comanche county, and George Parkin, Kiowa county, both stated on the tours that nearly bare pastures had been revived by deferred grazing.

Some cattlemen who do not care to handle cow herds, follow a plan of carrying choice beef calves thru to the following fall, selling as feeders, and buying calves back on the same market. Roy Boisseau, Comanche county,

reported having obtained a 400-pound gain in a year's time by this method, using considerable wheat pasture in the fall and winter.

The 1,500 people who attended the 6 county beef tours in the Flint Hills section went away with the firm conviction that production of lightweight, quality beef is the Kansas cattleman's best future course. The 3 systems which give promise are to keep cow herds and raise creep-fed calves; cow herds with feeder calves; and wintering, grazing and fattening good beef calves by the deferred system.

Outstanding creep-feeding work was seen at the ranch of Art, Dave and George Drummond, Chase county, where 67 good calves were raised from 73 cows. Low cost feed storage was evident in a 400-ton, concrete-lined, trench silo on Bill Ward's farm, Chase county. The cost of storage was less than \$1 a ton, and this could easily be paid in one year of use. The concrete walls and floor are 6 inches thick.

An explanation of the surprising comeback of the bluestem grass this year, was made by E. A. Cleavinger, Extension crops man, who said that dry years had caused an accumulation of nitrates in the soil, giving unusual vigor when moisture was available.

One of the interesting practices seen in Cowley county was the pasture rotation work of E. C. and Earl Kielhorn. A 1,700-acre pasture, divided in thirds, has been rotated with the cattle on each pasture only 2 weeks. Another smaller pasture was divided in halves and rotated. This practice has tended to keep the cattle from eating grass off in patches.

Farmer and Sheriff Subdue Gang by Quick Team-Work

By J. M. PARKS, Manager,
Kansas Farmer Protective Service

THAT team-work is just as essential in catching thieves as in playing ball was demonstrated by W. L. Weller, R. 2, Gridley, and Sheriff L. H. Allen, of Coffey county. It took close co-operation between these two to break up a gang of chicken thieves. As soon as Weller discovered chickens were being stolen, he reported to the sheriff. The two men went together to the local markets and made inquiries until they learned a boy, living near Weller's home, had been selling chickens. The boy making the actual delivery had three accessories. Sheriff Allen and Weller checked up on the families involved and found that no chickens, answering the description of those sold on the market had been raised by any of them. Since these particular chickens were like those on the Weller farm, the information gathered by the two investigators was sufficient to convict Herman Quinn, Russell Quinn, Junior Quinn and Roy White. All were given jail sentences, but Junior Quinn was paroled. A \$25 reward, paid by Kansas Farmer, was divided between Service Member Weller and Sheriff Allen.

Took Them to "Doctor"

Another instance in which a good citizen helped to bring about the punishment of thieves who had stolen from a Service Member was the car theft on the farm of Mrs. Josephine Spencer, R. 5, Emporia. Arthur Thompson, Osage City, came upon a wrecked car, on the highway, not far from the Spencer home. Two boys were trapped in the wreckage. With some help from other men, Thompson got the injured youths into his car and somewhat against their will took them to Emporia. In the meantime, Thompson suspected the car might have been stolen, since they could not give a very clear account as to where they had got it, and instead of taking them to the doctor, as he had led them to believe, he actually turned them over to the police department. Before the law was thru with them, they had been convicted on two charges; assault with intent to kill and theft of an automom-

bile. According to Mrs. Spencer, the boys came to her farm on foot, while she was milking in the barn, and attacked her with a piece of pipe. While she was unconscious, they hauled her to near the home of a neighbor, where she was thrown out. In their attempt to escape hurriedly, in the stolen vehicle, they wrecked it. Both will serve indefinite sentences in the State Reformatory at Hutchinson. At Mrs. Spencer's suggestion, a \$25 reward, paid by Kansas Farmer, for this conviction, was divided equally between her and Thompson.

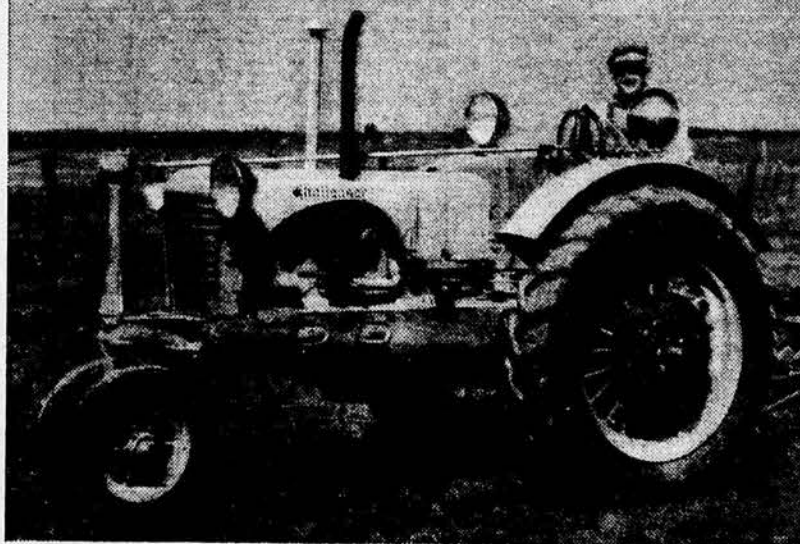
The Dealer Was Suspicious

A helper in a poultry market at Fredonia deserves much of the credit for breaking up a band of chicken thieves, which had been operating in Wilson county. This man proved himself a good citizen by tipping off the local officers when Harold Gibson, Howard Dannels, Bobbie McCarty, Merrill Hayes and Bobbie Jarred offered chickens for sale. Before the officers were thru delving into the case, they had procured evidence that the accused had stolen from many farmers, including Service Members Frank Campbell, Harvey Maxwell, of Fredonia, and W. H. Morton, Altoona. Gibson, Dannels and McCarty were sentenced to the state reformatory, and Hayes and Jarred to the Industrial School at Topeka. In recognition of their help in law enforcement, Kansas Farmer distributed a \$25 reward among Service Members Campbell, Maxwell and Morton, Sheriff W. F. Chamberlain, and the dealer's helper at Fredonia.

To date, the Kansas Farmer Protective Service has paid a total of \$27,825 in rewards for the conviction of 1,143 thieves, found guilty of stealing from premises posted with warning signs.

While attending the fair, either at Topeka, or at Hutchinson, see the men in charge of the Capper Publications, Inc., Building for any information concerning the Capper's National Protective Service.

PLOWS 18 ACRES OF BLACK, MUCKY SOIL ON 30 GALLONS OF GASOLINE



"I can do one-half more work on the same amount of fuel than I did with my old low compression tractor," says Fred A. Blum, of Ogden, Illinois, who decided to buy a tractor designed to get all the power from regular-grade gasoline—the Massey-Harris Twin Power Challenger.

WHEN a company designs a tractor to burn regular-grade gasoline only, what happens? Does it actually deliver more power at the drawbar or belt? Is it easier on your pocket-book because it gets more power out of the fuel it uses? Ask Fred A. Blum, of Ogden, Illinois, and here's what he'll tell you:

"For several years, I have been deciding on which new tractor to buy. I looked over a number of tractors and selected the Massey-Harris Twin Power Challenger. With this tractor burning regular-grade gasoline, I can do one-half more work on the same amount of fuel than I did with my old low compression tractor. For instance, my old low compression tractor would plow 12 acres and use 30 gallons of fuel in 12 hours. My new Massey-Harris Twin Power tractor will plow 18 acres in the same num-

ber of hours on 30 gallons of regular-grade gasoline.

"I farm 160 acres of black, mucky soil, where plowing is plenty tough, and grow corn, soy beans, and oats. We operate a 12-foot combine and a 2-row corn picker. My Twin Power Massey-Harris Challenger tractor working on a regular-grade gasoline gives me everything I want in a tractor."

To get the extra power and economy of gasoline in a tractor, make sure that the next tractor you buy has been designed to burn gasoline efficiently. This may mean one of several engine features—a "cold" gasoline type manifold, a high compression cylinder head or pistons, or an "automobile" or "truck" type engine. You can make the added power and economy of gasoline pay you dividends in your present tractor by installing "altitude" pistons or a high compression cylinder head at the next overhaul, and changing the manifold setting or the manifold to the "cold" gasoline type.



SEND FOR
FREE 24-PAGE
BOOKLET

Ethyl Gasoline Corporation
Dept. TC-13, Chrysler Building, New York, N. Y.
GENTLEMEN: Please mail me your FREE BOOKLET,
"How to Get More Tractor Power."

I farm.....acres and use a.....tractor.

Name.....R. F. D.....

Town.....County.....State.....

IT PAYS TO BUY GOOD GASOLINE
FOR CARS, TRUCKS AND TRACTORS

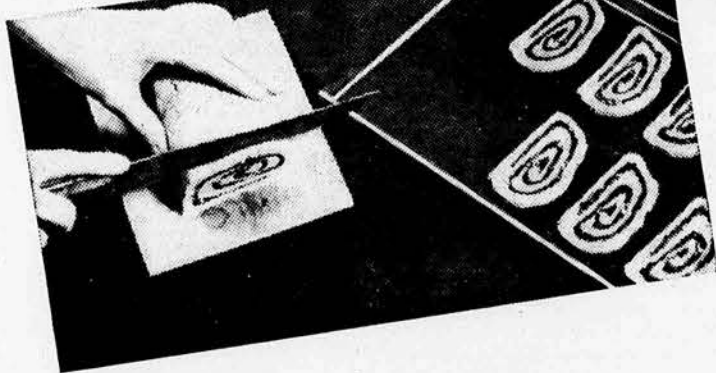
Trade with Kansas Farmer Advertisers

The products and appliances that they offer for sale are as represented. The things they say about farm profit and farm improvements are sound and truthful.

We wish to recommend to you the advertisements in Kansas Farmer as an additional source of farm information and help.

Oh Mother, Fill the Cookie Jar!

By MRS. BENJAMIN NIELSEN



Top—Orange gingerbread cup cakes are topped with puffed marshmallows. Below—There's nothing lady-like or sissy about filled icebox cookies, as any boy will tell you.

IT MAY seem like day before yesterday was the last day of school. Doubtless it does to the boys and girls whether fond mammas think so or not. Anyway, the good old summertime has tripped into the Land of Nevermore and school bells are sounding their early morning gongs, and boys and girls—dinner pails in hand—are schoolward bound again. Ere this, mothers in their knowing way, have made a mental note it was high time they were doing a little concentrating on the cookie jar—for what's a school lunch without a goodly supply of cookies, I ask you.

During grandmother's time all cookies were rolled. Today we have our choice of rolled, dropped or icebox cookies—a newer version of the rolled cookie. To roll successfully, the dough should be cold. It should be made the night before and allowed to chill thoroughly. If only a small portion of the dough is handled at one time, the task will be much easier and even the last cookie will be tender and delicious.

Personally, I prefer the icebox kind. With a roll tucked away in the refrigerator one is always assured of a supply of fresh cookies upon short notice. Just cut a few slices, pop them into the oven and return the roll to

the refrigerator to await further demands. If you haven't a refrigerator, you can still have icebox cookies. Make them well in advance, roll them and put them away in a cool place to "ripen" before they are baked. Of course, in very hot weather they won't keep so long as in a refrigerator—but maybe they won't be allowed "to keep" long at your house, anyway.

Small cans, both ends of which have been removed, make excellent molds from which the chilled dough is easily removed. I like to use butter cartons for this purpose. When the dough is chilled, the carton is easily unfolded and the square shapes make uniform and attractive cookies.

If the men and boys protest that icebox cookies are too dainty, not filling enough, are prone to call them ladies' cookies, as mine used to protest, try these:

Filled Icebox Cookies

1 cup butter	4 cups flour
1 cup white sugar	1 teaspoon soda
1 cup brown sugar	½ teaspoon salt
3 eggs	1 teaspoon vanilla

Cream butter with sugar until fluffy, add well beaten eggs. Mix thoroughly, add vanilla and stir in flour which has been sifted with salt and soda. Roll dough out to about ¼ inch thickness. It is easier to handle if one rolls about half of the dough at a time, as the dough is very stiff.

For the filling combine 1 pound dates, pitted and run thru food chopper, ½ cup water, 1 cup chopped nutmeats and ½ cup sugar. Blend and cook 10 minutes. Spread on rolled dough. Then roll up as for jelly roll. Wrap in waxed paper. Place in refrigerator over night. Slice into thin, uniform slices, about ¼ inch thick, and bake 8 to 10 minutes in a 400 degree F. oven.

Chocolate Pinwheels

½ cup shortening	1½ cups sifted flour
½ cup sugar	1½ teaspoons baking powder
1 egg yolk	1½ teaspoons salt
½ teaspoon vanilla	1 square chocolate, melted
3 tablespoons milk	

Cream shortening, adding sugar gradually. Add egg yolk and vanilla. Beat well, add milk and sifted dry in-

gredients. Then divide the dough in two parts. Add melted chocolate to one part. Roll the white dough into a thin rectangular sheet, then roll chocolate dough to same size. Place white dough over the chocolate dough, press together and roll as for jelly roll, making a tight roll. Chill until very firm. Cut into ¼ inch slices; place on greased baking sheets. Bake about 10 minutes in a 375 degree F. oven.

Coconut Dainties

2 cups cake flour	1 cup sugar
2 teaspoons baking powder	1 egg
¼ teaspoon salt	¼ cup milk
4 tablespoons butter	½ cup orange juice
3 teaspoons grated orange rind	1 egg white
	1 cup coconut

Sift flour, measure, add salt and baking powder, sift together 3 times. Add orange rind to butter and cream thoroughly, add sugar gradually and cream until fluffy. Add flour, alternately with orange juice and milk, beating well after each addition. Spread thinly in well-greased pan, cover with meringue made by beating the sugar into the egg white. Sprinkle with coconut and bake 25 minutes in a 350 degree F. oven. Cool and cut in diamond-shaped pieces.

Butterscotch Sour Cream Cookies

1 cup butter	1 egg
2 cups brown sugar	½ teaspoon salt
1 cup sour cream	2 cups fine whole wheat flour
¼ teaspoon soda	2 teaspoons baking powder
Pecan halves	

Cream the butter, add sugar gradually, beating until fluffy. Add unbeaten egg and sour cream. Beat well. Stir in dry ingredients sifted together. Drop by small spoonfuls on greased cookie sheets; place a pecan on each cookie. Bake about 15 minutes in a 400 degree F. oven.

Oatmeal Macaroons

2 eggs	1 cup coconut
¼ cup sugar	2 cups rolled oats (quick)
1 tablespoon butter, melted	3 tablespoons cornstarch
½ teaspoon salt	1 teaspoon baking powder
1 teaspoon vanilla	

Combine in order given, mix well and drop by spoonfuls on well-greased cookie sheets. Bake 20 minutes in a 350 degree F. oven. Remove from baking sheets while slightly warm.

Honey Fruit Cookies

½ cup butter	1 teaspoon cinnamon
1 cup brown sugar	¼ teaspoon cloves
1 egg	¼ teaspoon allspice
½ cup honey	¼ cup coconut
½ cup sour milk	¼ cup raisins
1 teaspoon soda	1 cup walnuts, chopped
½ teaspoon salt	
2½ cups pastry flour	

Cream butter and sugar together, add egg, well beaten, honey, sour milk, flour sifted with soda, salt and spices. Then stir in raisins, coconut and nutmeats. Mix well and drop in well-greased muffin tins or paper baking cups. Bake 20 to 25 minutes in a 375 degree F. oven. While still warm, spread thinly with icing made by moistening confectioners' sugar with milk or water and flavoring with vanilla.

Orange Gingerbread Tea Cakes

½ cup shortening	1 egg (beaten)
½ cup dark molasses	2 cups bread flour
½ cup light brown sugar	½ teaspoon soda
1 teaspoon ginger	½ cup orange juice
¼ teaspoon nutmeg	1 teaspoon grated orange rind
1 teaspoon cinnamon	1 teaspoon grated lemon rind
	10 marshmallows

Combine the shortening, molasses, sugar, and spices in the top part of a double boiler (or in an ordinary saucepan, if you promise not to let the mixture get over-heated) and heat gently until the shortening is melted. Blend well and remove from flame. Then add the beaten egg. Mix together and sift the flour and soda and add alternately with the orange juice, to which the grated orange and lemon rind have been added. Pour batter into greased gem pans, filling them about ¾ full. Bake in a moderate oven—350 degrees—for approximately 25 minutes. Then remove from oven and cut a small hole in the top of each cake. Top with a fluffy, fresh marshmallow and place under the broiler for 2 or 3 minutes, or until marshmallows are puffed and delicately browned. This amount makes 10 medium sized tea cakes.

Comforts of Friendship

Oh, the comfort, the inexpressible comfort of feeling safe with a person—having neither to weigh thought nor measure words, but pouring them all right out just as they are, chaff and grain together; as certain that a faithful hand will take and sift them, keep what is worth keeping, and with the breath of comfort blow the rest away.—Anon.

It's So Easy Now

By MRS. MAY BENNETT

"Well, I'd never thought of doing that, but I certainly will now—it's so easy," exclaimed Ellen, as she finished placing the last perfect portion of salad on the plates just before dinner.

It was a gelatin mixture, molded in a large pan. Every homemaker knows how difficult it is to cut and remove the sections for serving—yet it can be so easy! Simply line the pan to be used with heavy waxed paper, large enough to extend up over the ends of the pan. Pour the gelatin mixture in and allow it to set. When ready to serve, lift it right out of the pan with the waxed paper holding it; place it on the table; cut into squares, each one of which will be perfect.

Fall's Tailored Trend

FOR CO-ED AND MATRON



Pattern No. KF-4749—Makes you think of the first fall days, doesn't it?—this young shirtwaister that's a real fashion treat. This pattern is cause for compliments on almost every occasion, since it boasts the new "soft" tailoring. Just imagine it made up in a pastel wool flannel or dark sheer wool for school. It will be a great flatterer for the matron as well as the school girl. Have the puff sleeves short or long, and the collar in self-tone or contrast. Directions are included to help you over difficulties, so you'll stitch up that eight-gore skirt and buttoned-front bodice in a flash! Sizes 14, 16, 18, 30, 32, 34, 36, 38, 40 and 42. Size 16 takes 3½ yards 39 inch fabric.

Pattern 15 cents. Order from Fashion Service, Kansas Farmer, Topeka.

Cookery Measurements

This table of measurements may well be memorized. It is used as often in cookery as the multiplication table is used in shopping:

3 teaspoons equal 1 tablespoon
4 tablespoons equal ¼ cup
5½ tablespoons equal ½ cup
8 tablespoons equal ½ cup
10½ tablespoons equal ¾ cup
12 tablespoons equal ¾ cup
16 tablespoons equal 1 cup
2 tablespoons equal 1 liquid ounce
½ cup equals 1 gill
2 cups equal 1 pint
4 cups equal 1 quart
4 quarts equal 1 gallon
8 quarts equal 1 peck

For
The
Best
Of
All
Kinds
Of
Music
Tune
To

WIBW

Every
Day
Top
Musicians
Air
Popular,
Classic,
Hillbilly,
Square,
Cowboy,
Jazz
And
Swing
Tunes
Over
"The
Voice
Of
Kansas"
At
580
Kilo-
cycles

Cookie Baking Secrets

By MRS. A. T. S.

When baking a large batch of cookies and a limited number of cookie sheets are available, place heavy waxed paper on the sheets, place the cookie mixture on the paper and bake in the usual way. Slip paper and cookies from the cookie sheet, line with fresh waxed paper and bake merrily on. No greasing to do and no pans to wash—a whisk of a damp cloth and your cookie sheets may be put away! And just a word of advice, in case you don't know—for ease in removal, lift the cookies from the waxed paper while they are still hot.

That Magic Power Washer

By MRS. K. H.

It's really funny how much a power washer changes a woman's life. Used to be, the menfolks all cleared out on washday and if anything went wrong with my boiler, washboard or old hand wringer, I was quite welcome to make repairs myself with a wad of chewing gum, a hairpin or a piece of string.

But since we have a washer with a fascinating gasoline engine—why, even the field work stops if anything goes wrong. The men can delve in grease and discuss pistons and whatnots for hours at a time. Even a neighbor passing by will pause to offer free advice and assistance.

Yes, ma'am, I used to bend over a washboard all by my lonesome. But now I have plenty of company on wash-days!

Here's Looking at You!

By JANE CAREY

A modern philosopher says, "Happiness is not found, it is created."

The same can be said of your looks, lady. Maybe you were one of those rare beings who was born beautiful, or have had beauty thrust upon you, but if you're like most of us you were minus such fortune, and you must achieve it instead.

Begin with the whole and proceed to the parts; that's the method of the present-day scientist. Don't let anyone kid you into thinking beauty begins off in the starry realms of your spirit. The body's the home of the

spirit, and it is only when you've given your body a fair chance that your spirit goes starry. So be body-conscious. Check up on yourself and be critical. If you've gone fubsty-wubsty take a long look and know that you can do something about it.

Sweep first and scrub afterwards, is that your household cleaning method? Then try it out on yourself.

Sweep your inside-out with a three-day course of tomato and fruit juices. You'll feel a little woosy the first day, but by the end of the third you'll have a young-thing sensation and be feeling fresh and frisky.

Scrub your outside with warm water, a brush, a lathery soap, and a rub-down with salt. Rinse off with cool water. You'll tingle from your toes to your top-knot. Make this affair with the tub a daily matter.

Put on the starchiest print in your collection—a clean one every morning will do more for your morale than money.

These are subtle aids to achieving good looks. They're simple, but they have glamor!

Here's looking to you to look your best!

This Keeps Out the Dust

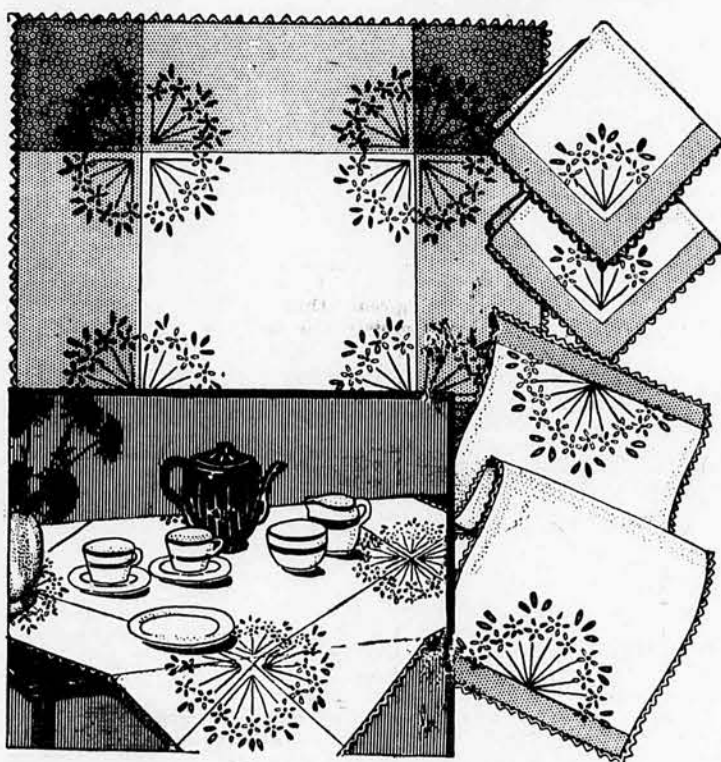
By MRS. D. T. C.

Leafing thru the magazines I'd admired the gayly colored illustrations showing arrays of sparkling jars of fruits and vegetables, all precisely labeled and stacked in neat rows. Admired the tight-fitting doors that could be closed to keep out all dust from those shining jars. A far cry from my open dust-catching cupboard!

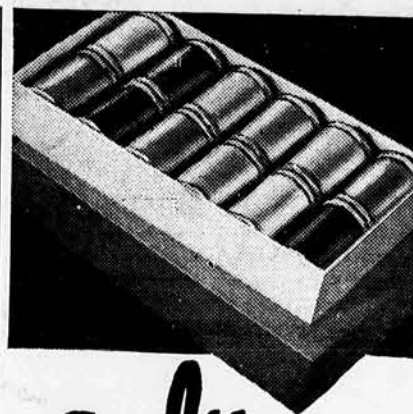
Finally, I found a way to eliminate this particular "dust catcher" until the "storage cupboard of my dreams" shall materialize. Taking a window shade roller, the width of the cupboard, I tacked oilcloth to it and hung it in place at the top of the cupboard. It can be rolled up and down in a jiffy and to further prevent dust entering I placed thumb tacks at frequent intervals along either side to hold the oilcloth more snugly to the cupboard. These were not pushed down completely but left up far enough that the edge of the oilcloth may be slipped in and out at will.

It's not absolutely "dust-proof" but does very well and it is a decided improvement over the old model!

Beauty From Your Feed Sacks



THE secret of this charming set really is in the bag—the feed bag we mean, of course—for this set was especially designed for those lovely fast-colored feed sacks which are such a boon to the fortunate housewives who possess them. White bags may be used for the whole cloth if desired, but a really stunning set may be made by combining your pastel bags with the white. A novel combination which you will like has a white center with peach corners and yellow sides. Pattern No. 8679, brings you matching motifs suitable for luncheon cloth, scarf and other items. These designs will please you even more because they are so simple and easy to do. And of course, you don't have to have feed bags to make these items. The pattern is only 10 cents. The Needlework Service, Kansas Farmer, Topeka.



Only 10¢

TO PAY FOR PACKING AND POSTAGE

HOW OFTEN you've wanted just a few yards of mercerized thread of a certain color—not enough to need a whole spool!

Now it's yours for the asking. A handy little box of 12 sample spools of 15 yards each in 12 assorted colors—no two alike.

We make this offer to acquaint you with the quality of Hall's mercerized threads. Since 1860 Hall's fine threads have been favored by experienced seamstresses. You will be delighted with the strength, gloss and smooth, even texture of this fine thread and will find every color you use fast to boiling.

We're sending you this wonderful sample box for only 10 cents, just enough to pay the cost of packing and postage to your home.

If you want one of these special boxes mail us the coupon below quickly—as the quantity is very limited.

THE GARDINER HALL JR. CO.
South Willington, Conn.



NEEDLE SPOT FREE!

With your sample box of thread we'll include a needle spot coupon. Present this to your dealer and he'll give you one free with your first purchase of Hall's thread. Just the thing to park your needle in when not in use.

HALL'S THREAD

ESTABLISHED 1860

The Gardiner Hall Jr. Co.
South Willington, Conn.

Please send me your sample box of 12 spools of Hall's Mercerized thread, in assorted colors. I enclose 10c in stamps (or coins) to cover cost of packing and postage.

Name.....

Address.....

SEND POSTCARD
and learn how egg production was **More than DOUBLED**

NOPCO 274 ESSEX ST., HARRISON, N.J.

More Eggs OF TOP QUALITY

PROTECT LIVESTOCK AND POULTRY FROM PARASITES AND DISEASE WITH

KRESODIP No. 1

STANDARDIZED Kills Disease Germs Lice, Mites, Etc. Disinfects

Free SEND FOR FREE BOOKLET ON "FARM SANITATION" Write to Desk K-29-1, Animal Industry Dept. PARKE, DAVIS & CO., Detroit, Mich. Drug Stores sell Parke, Davis products

FLIES! AND OTHER INSECTS

El Vampiro Kills them

NON-POISONOUS COSTS 10¢ AT ALL DEALERS ALLAIRE, WOODWARD & CO., PEORIA, ILL.

Chickens Can't Change Clothes

By MRS. HENRY FARNSWORTH

WEATHER changes at this time of the year may bring trouble among the growing chicks. Especially if they have been hatched late in May or June. Trying to keep them comfortable during the hot summer nights the houses have been opened so as to admit as much air to circulate as possible. During the fall the nights become cool, the air damp from fall rains. If some of the openings are not closed there may be a draft over the perches where the chicks roost which may cause colds to develop. Watch for drafts thru the buildings. Plenty of air should be available and the house that is 16 to 20 feet deep may admit plenty of fresh air from front openings. Open fronts many times can be left uncovered until Thanksgiving or even later.



Mrs. Farnsworth

Worms may be the cause of some of the fall colds, but temperature changes are harder on poultry than on humans. For while people can dress according to the weather and temperature, fowls have to grow their winter plumage which takes several weeks. After they have their winter coats they are more able to cope with cooler weather. It is a good precaution to worm the flock at this time of the year before colds start. Then we may be reasonably

sure that worms are not causing any trouble.

Dose for Every Chick

Individual worm tablets are the surest way of knowing that every chick has had an equal chance of getting the right dose, especially with older pullets that are being moved and have to be handled anyway. On the other hand, for the younger chicks it may be better and more convenient to use some of the flock treatments of worm powders. Some worm powders are combined with tonics that are needed by young chicks to hasten their growth thru larger appetites. The main thing in using any worm treatment is to follow the directions for giving that particular brand. Most all the reliable poultry remedies have been tested in laboratories under varying conditions before being placed on the market.

May Be Fowl Typhoid

A letter from a farm reader gives a description of her flock troubles that sounds much like fowl typhoid. Cholera and typhoid are much alike. There are a few distinct differences, however. Cholera has been described by one poultry authority as being a blood poisoning. The organisms that cause the disease live and grow in the blood stream. One to three days is all that is necessary for the bacteria to enter the body, cause sickness and death. Fowls effected with cholera die suddenly. They may fall from the perches or hens that are apparently healthy and laying may die on the nests. The strange thing is that the organisms attack the fattest fowls in the flock. Sanitation seems to be of little use for cholera attacks the most sanitary kept flocks. Other symptoms of cholera besides sudden death are a yellowish green diarrhea, the comb turns dark or nearly black, a bluish color is found in the lining of the mouth.

Fowl typhoid differs from cholera in that it is a more lingering disease. Sick birds stand around listlessly and when disturbed move off with a staggering uncertain gait as tho the muscles were weak. There is a sticky yellow diarrhea that adheres to the fluff. There is a very high temperature, great thirst and the fowl loses flesh



"Oh, I could swim, too, if I had a couple of paddles like them things you call feet!"

rapidly. After several days of sickness the head and comb may turn almost yellow.

Identical Treatment

The treatment of these two diseases are almost identical as found by laboratory tests. Vaccination has given very good results. It may be necessary to vaccinate every 3 to 6 months if flocks are badly affected or heavy losses have occurred. Some of the simpler methods of treatment consists of giving the flock Epsom salts as a laxative, using 1 pound to every 100 adult fowls. Dissolve the salts in a gallon and a half of water, then mix to a crumbly stage enough dry mash to absorb all of the water completely.

—KF—

Pastures Fall Alfalfa

Alfalfa is the best money-making crop in the artesian valleys of Meade county, especially during dry times. On the L. A. Hoop farm, in addition to liberal income from seed, the first crop of hay brings in a good price for sale in the Southwest, and the fall growth is pastured off during winter by the cows. This makes good wintering feed and also cleans off the fields so that the first crop in the spring is nearly free of rubbish. Mr. Hoop and his son John keep only 20 beef cows, but these are well fed and raise good calves.

There is an artesian well in the farm yard, which supplies water for the houses, all the livestock, and then overflows to water the home garden. The well is cased down 275 feet and flows continuously.

Stomach Pump May Be Lifesaver

By CHARLES H. LERRIGO, M. D.

IN DAYS of old reference to a "stomach pump" caused my childhood imagination to picture a device like the cistern pump that stood in the kitchen sink, with long handle and extensive tubing. As a matter of fact the stomach pump is a very simple contrivance which a doctor carries in a small corner of his bag. It is nothing more than a tube connected with an aspirating bulb much like those used on catarrh sprayers. It is no great trick for a skilled doctor to pass the stomach tube down and empty out the stomach contents; in fact, patients can learn to do it for themselves. So when you hear of the stomach being "pumped out" or "washed out" don't think of it as a barbarous operation, and if your doctor suggests that he can help your case along more quickly by the use of that simple measure, don't shy off from it. But be sure that you have a skilled doctor, for a bungler or novice may do fearful things.



Dr. Lerrigo

One urgent time for the stomach pump is when poison has been taken. If the doctor gets there quickly he may be able to empty the stomach before the poison has got its work in very far. He would not attempt its use if the poison should be corrosive for fear of perforating the stomach.

Many cases of old chronic catarrh get a lot of help from having the stomach washed. This is especially true when the stomach is dilated and has sagged down. It gives the patient a new lease on life, and if used with discretion may result in cure.

One would think the stomach tube scarcely necessary when vomiting is already going on. But this is one of the best times to apply it. The doctor empties the stomach completely of the obnoxious substance that the patient is trying to vomit; then fills it again (thru the tube, which remains in place) with a soothing, cleansing solution, and repeats this until all is clear.

There are many other ways in which the stomach tube is very helpful both to the patient in relieving pain and distress, and to the doctor in making his diagnosis. If skillfully handled it is quite harmless. A good doctor knows better than to use it on patients with heart disease, far advanced tuberculosis or other adverse conditions.

Find Out Details First

My doctor wants to give me electric treatments. He wants me to stay in town so I can take one a day, but before I start I want to hear from you if you would recommend it.—Mrs. W.

Galvanic electricity properly applied may give some relief, but before you begin such a course of treatments ask your doctor to explain just what he hopes to accomplish and how long he expects to continue such treatments.

If you wish a medical question answered, enclose a 3-cent stamped, self-addressed envelope with your question to Dr. C. H. Lerrigo, Kansas Farmer, Topeka.

WORM YOUR FLOCK



AVI-TONE for Flock Worming

As a dependable aid in the control of large round worms (ascaridia) and cecal pin worms, Dr. Salsbury's Avi-Tone is the favorite flock treatment of thousands of poultry raisers. Also contains five other well recognized drugs. Mixes easily with wet or dry mash. Give it to your laying hens regularly. Costs less than a penny per bird.

Check Roup and Colds

For quick relief from roup and colds, spray your flock regularly with Dr. Salsbury's Cam-Pho-Sal. It provides soothing, medicated vapors.

Letters from poultry raisers all over the country—backed up by scientific evidence from Dr. Salsbury's Research Farm—prove that you can treat your flocks with Rota Caps and have no fear of loss in egg production. "W. H.", of Whittemore, Iowa, says: "I am well satisfied with Rota Caps. They do not affect egg production."

No wonder Rota Caps are so popular! And remember this: They're the only worming preparation containing Rotamine, a scientific combination of drugs that removes (A) large round worms (ascaridia); capillaria worms (microscopic round worms); and these tapeworms, heads as well as segments: (B) *R. tetragona* and (C) *R. echinobothrida* in chickens, and (D) *M. lucida* in turkeys.

Get Rota Caps today from your Dr. Salsbury dealer, or order direct, stating quantity and size, and enclosing check or money order.

ROTA CAP PRICES

Quantity	PULLEY SIZE	Price	Quantity	ADULT SIZE	Price
5050	50	.....	.75
10090	100	.....	1.25
200	1.50	200	.....	2.00
500	3.50	500	.....	4.50
1000	6.00	1000	.....	8.00

DR. SALSBUARY'S LABORATORIES, Charles City, Iowa

For advice and help on poultry problems, see your dealer who advertises this Service Station emblem.

DR. SALSBUARY'S

ROTA-CAPS

for CHICKENS AND TURKEYS

Donkey Has Pack of "Whatnots"

By **UNCLE CORDY**

ONE morning Carl Clever, my nephew, dropped in while I was pattering in my shop. He watched silently while I sorted a pile of scrap lumber. I explained to him that I carefully saved every little piece for I might need it sometime.

"I like to make things with tools, Uncle Cordy," he said finally, "but I can never think of anything to make and I don't have any good lumber like you have. Besides I don't have many tools and things."

"That is a problem," I replied. "But there's so many little things that you can make out of old wooden boxes and scraps with just a few cheap tools. Let's spend the rest of the morning making something out of these scraps I've been saving."

After a few hours work we had cut out the little donkey "whatnot" shelf, shown in the picture. Its pack makes the shelf and the donkey hangs on the



This little donkey cut-out carries a load of "whatnots" on its pack. Any boy or girl can make it from scrap materials with Uncle Cordy's actual size plans.

wall. We gave it its first coat of paint and put it away to dry before painting it again.

"Gee, Uncle Cordy", Carl said, "that didn't take much work and I'll bet everybody that sees our little donkey will want one."

And Carl was right. With its gay coat of paint, and with a little Mexican figure, bought at the dime store, on the shelf, the donkey adds a bright bit of color to our home. What's more important, it is so simple any boy, and most any girl too, can make it.

The outline of the donkey first was traced on a piece of half-inch wood with carbon paper. The wood was the side of an old wooden box. Then with a coping saw the outline was carefully cut out. A coping saw, sometimes called a scroll saw or jig saw, is a tool every young woodworker should have. You can buy one from 10 cents up to about 50 cents. The blades, which are very thin, allow you to cut out any shape wanted.

Next the donkey was carefully sanded, first with coarse sandpaper, last of all with fine sandpaper. The more the donkey is smoothed the better it will look after being painted.

A little shelf is made from little pieces of one-fourth-inch wood and

nailed and glued in place. You can paint your donkey and his pack any color you like, using almost any paint you have on hand. I like to mix my paints to get unusual colors. For the pack I mixed chocolate brown and Chinese red enamel. For the donkey itself I mixed a few drops of chocolate brown and yellow in pure white enamel. The bridle and hoofs are black.

You can put any small "whatnots" you may have on the little shelf. A tiny potted cactus plant would be most attractive. A little ring used in hanging pictures was put on the back to hang it on the wall.

If you would like to make the little donkey, I have plans for you that will make the work very easy. The pattern of the donkey is given actual size and can be traced right on your wood, ready to be cut out. If you are careful in sawing you can't make a mistake. These plans are free to you, just enclose a 3-cent stamp to cover cost of mailing. Address Uncle Cordy Clever, Kansas Farmer, Topeka.

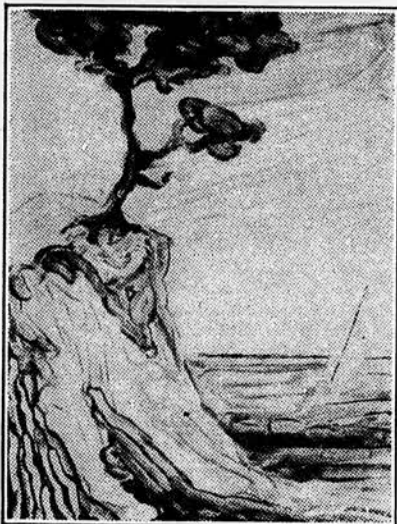
Our leaflet also has some helpful suggestions in using the coping saw.

For Young Artists

It's fun to finger paint. There is no limit to the colorful and pretty designs that can be made.

And finger painting is so simple any child can do it, where the use of a paint brush may be a bit too difficult to master. At home, or with school work, finger painting is fine for developing free expression in the use of colors and designs.

We have some recipes for finger paints that Mother can make for you

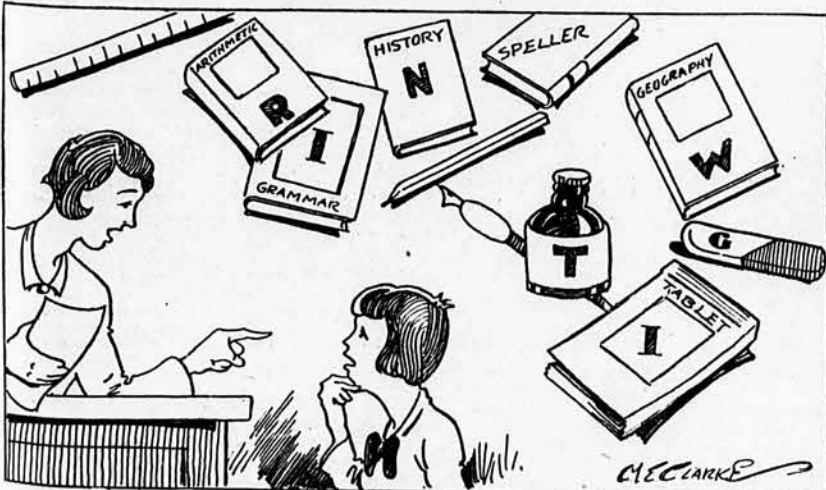


An example of finger painting.

right at home. These recipes will make enough paint to last quite a while.

If you'd like our leaflet with the finger paint recipes, and directions for finger painting, send your request with a 3-cent stamp to Lella Lee, Kansas Farmer, Topeka.

The Missing Book



The second day of school, little Sue marched happily to school with her books. But when her teacher checked over her things, she found one book missing. Sue had forgotten—can you guess what? Some of the objects shown have large letters on them. Those letters placed in proper order, will give you the name of the missing book.

Kansas Farmer for September 10, 1938

MAKE MORE MONEY FROM YOUR COWS WITH DE LAVAL SEPARATORS AND MILKERS



THERE is nothing which will make you more money or add greater profit and satisfaction to your dairy operations than a new De Laval Separator or Milker.

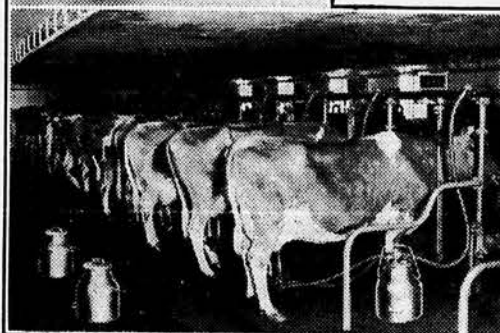
The new World's Standard Series De Laval Separator will separate more milk in less time, produce more cream of better quality, and make you more money than any other cream separator. If you are using an old or badly worn cream separator this new De Laval is certain to pay for itself within a year's time.

When it comes to milking cows, there is nothing that can compare with a De Laval Milker. It milks faster, better, cleaner, and cheaper than any other method. There are thousands in daily use throughout the world milking the world's best cows in the world's best dairies.

The De Laval Milker can be purchased on such liberal terms that it will soon pay for itself.

See your De Laval Dealer or write nearest office below for complete information.

There are three types of De Laval Milkers: the famous Magnetic and the Utility—either one of which will give you splendid satisfaction.



The new De Laval Portable Milker, illustrated to the right, can be furnished with either Magnetic or Utility type milkers. It is a splendid milker for the dairyman who does not wish to pipe up his barn, and can be converted into a permanent pipe line installation at any later date if so desired.



THE DE LAVAL SEPARATOR COMPANY

NEW YORK
165 Broadway

CHICAGO
427 Randolph St.

SAN FRANCISCO
61 Beale St.

WHAT'S CHEAPER THAN WIND?

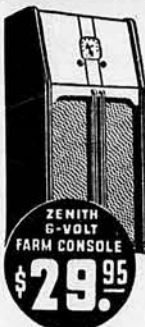
THE wind is free. From the time you get up in the morning until you go to bed at night—let it operate your 6-volt Zenith Farm Radio.

And—your power operating cost per year will be the almost unbelievable small sum of fifty cents.

If you are not on a high line—have an unwired home, Zenith, makers of every type and kind of home radio—twenty-three years in this business—have a recommendation to make to you.

We recommend—and urge—that if you want steady and unvarying "city set" performance—and the lowest possible power operating cost—50c a year—that you investigate and consider a 6-volt Zenith Farm Radio with Zenith Wincharger.

500,000 FARMERS CAN'T BE WRONG!



Over half a million farmers without electric power, have found in the 6-volt Zenith Farm Radio something they could work up real enthusiasm over—something worth "bragging about."

Talk to some of these Zenith owners in your section. They're our best salesmen. They're everywhere. Ask them for the truth—the real facts. You'll be amazed. And remember—their experience covers not months, but years. Zenith pioneered the farm radio field and won its lead on merit.

See Your Zenith Dealer He offers 81 different Zenith models for wired and unwired homes from \$14.95 up. Zenith—America's most copied radio—is again a year ahead. Or—if you prefer, send the coupon below direct to the factory.

3,650 HOURS
a year

50¢
power operating cost

SPECIAL OFFER
Zenith Wincharger
\$17.50
when bought with a Zenith Radio

ZENITH RADIO CORPORATION • CHICAGO

America's Oldest Makers of Fine Radios—
Always a Year Ahead.



ZENITH RADIO CORPORATION
6001 Dickens Avenue, Chicago, Ill.
Without obligation, send me catalog and information concerning free home trial.
☐ I have high-line power
☐ I don't have high-line power

Name.....
Address.....
City..... State.....

9-KPM-B-8

MOTHER
is
so Happy now

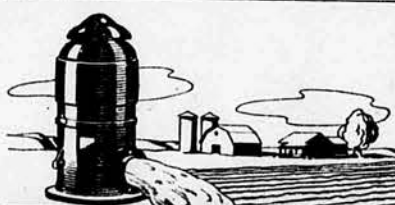
There's
Running Water
in the house at last
... and **RED BRAND**
Fences did it ...

Livestock, crops and legumes rotated in well fenced fields increase farm income—soon pay for comforts and conveniences.

Fence a field or two this Fall—with Time-Tested **RED BRAND** fence. Its heavy "Galvannealed" zinc coating and copper-bearing steel give you years more service for your money.

KEYSTONE
STEEL & WIRE CO.
2115 Industrial St.
PEORIA, ILLINOIS

RED BRAND
Time Tested FENCE



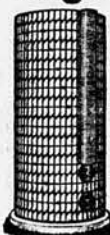
Low Cost Irrigation

Certain advancements in design and construction permit a Johnston Pump to operate on 5 to 10% less power input. Consult our field man; no obligation.

JOHNSTON PUMP CO.
430 Railway Exchange Bldg.
KANSAS CITY, MO.
P. O. Box 208, Dodge City, Kansas

Johnston Pumps

Tongue Lock Concrete
Stave Silos



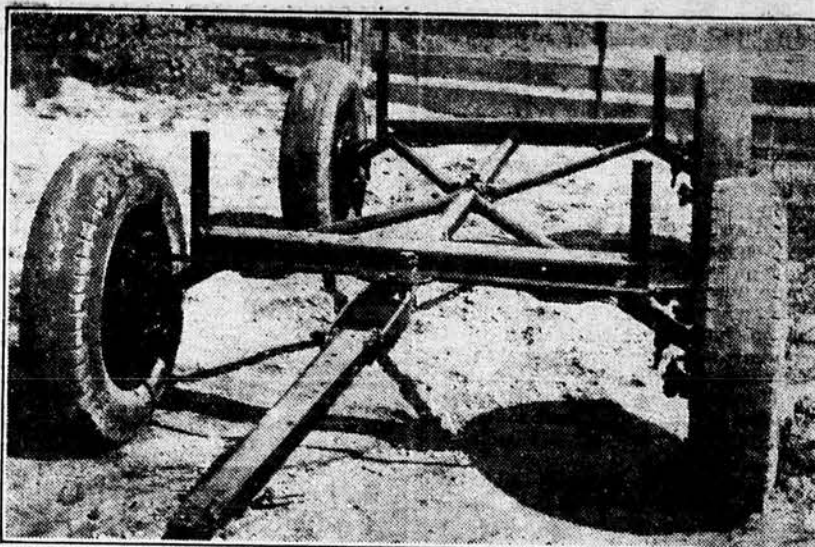
have proven by constant use for more than two decades the outstanding silo on the market.

Write us at once for information, as your Tongue-Lock Concrete Stave Silo should be built now.

THE McPHERSON CONCRETE PRODUCTS CO.
McPherson, Kansas

Ground Limestone
For Agricultural Purposes

Write for prices and FREE sample
DOLESE BROS. CO.
220 W. 2nd St. Wichita, Kansas
Plant: El Dorado, Kansas



A rubber-tired wagon built to order for H. F. Roepke, Pottawatomie county. Total cost without tires was \$40. It has a telescoping reach which makes it adjustable for hayrack or wagon box. Weight of the running gears is 525 pounds. Mr. Roepke said one team can pull as much on this set of trucks, as two teams can pull on hard wheels.

Management Association Fits Program to Individual Farm

By H. F. ROEPKE
Pottawatomie County

I JOINED the North Central Kansas Farm and Home Management Association in 1933. After taking a loss on 80 head of fat cattle for 2 years, getting to market when prices were lowest, I realized more time and planning had to be spent on the marketing end. It just wasn't good business to sell a good product when the market was glutted, and it was with that idea in mind that I became a member in the association and have been for 5 years.

I am on a 200-acre river-bottom farm, owned by my father and rented on a 50-50 stock-share lease, with a total investment of about \$40,000. It can't be run in a slipshod fashion. Many farmers do not think of the high investment they are playing with although they are tenants. Some of the members have as high as \$10,000 worth of livestock alone on hand. When I can get all the service that the Farm Management Association gives me for \$18, the amount it costs me, I think it a good investment.

The association was started 7 years ago with an average membership of 150 to 160 members serviced by a fieldman. The cost to each member is \$16 for the first 160 acres and 5 cents an acre for every additional acre with a maximum of \$50 a member.

Our fieldman visits 3 to 4 farms a day, going over the books, and giving what advice he can on the cropping and feeding program that will best fit that particular farm and operator.

Our fieldman makes about 5 rounds of visits during the year and they are an important part of the service. His flying trips over 10 counties and the information he gets in going over the business of 150 other farmers can bring me the latest methods and information on my particular problems that no one else can.

A market letter on livestock, grain, and dairy products, prepared by marketing specialists at Kansas State College, is received every week. They go on the theory that present conditions studied in line with what has happened in the past will help one to arrive at a more accurate conclusion. They are correct about 80 per cent of the time which is a much better batting average than I can do. When I have a load of cattle or hogs in the feedlot, I think the market is going up because that is what I want it to do and thousands of others are thinking the same. If I did not think this way I would not have the cattle or hogs on hand.

Since becoming a member of the Farm Management Association, I have had a steady income regardless of crop conditions. This means that the farm must be diversified both as to crops and livestock. I need to go back only a few years in my records to find that in 1935 I planted 45 acres of certified Atlas and Sunac after the Kaw river flood. Cash sales of seed sent out to 11 states totaled more than \$1,600. Twenty-five per cent of the farm land

in sorghum was worth as much as 75 per cent in other crops.

In 1936, due to the flood the year before and a lot of rain that fell, 38 acres in alfalfa produced about 100 tons of hay, 70 bushels of seed, pasture for 140 head of hogs, 8 head of horses, and a \$275 soil conservation payment, a total of about \$2,000 in a year that was almost a total corn failure even on bottom land. Again about 25 per cent of this farm raised a crop worth more than the other 75 per cent of farm land.

In 1937, there was a good wheat crop, a hog program that was nearly doubled and showed a profit over feed cost and 2 years of rough feed marketed thru cattle that spring and fall when the market was good.

In the fall of 1934, the fieldman advised me to sow Kawvale wheat, since tests had shown it to be the best yielder. This was 2 to 3 years before very many knew it to be a good wheat. It also was by his advice that the poultry flock was nearly doubled. Five years ago the old poultry house was not satisfac-

tory, and a permanent house could not be considered at that time. He gave me some information on building a baled straw-type house. Dropping pits or low roosts about 15 inches high were put in. This has proved the best method yet to get heavy breed hens on the roost and I would use nothing else. I heard many times during 1937 that chickens would not pay their high feed cost, but our records tell the story. Our poultry and egg sales were \$880, plus eggs and poultry used in the house, and we use 225 dozen eggs a year. The total feed cost was around \$600.

—KF—

Sure to Be Good

(Continued from Page 3)

"The department of cattle carries a list of earnest, faithful, progressive livestock growers like Tomson Bros., Wakarusa; C. M. Caraway & Sons of Iowa; Ira Romig, Topeka; E. C. Lacy & Sons, Miltonvale; Foster Farms, Rexford; Sni-a-Bar Farms, of Missouri; and Mike Wilson, Horton.

"In the swine barns many persons will remember H. B. Walker & Sons, of Bendena, the raisers of Bendena Giant; I. O. Figgs & Son, Lloyd Cole, Charles Garrell, Howell Brothers, E. L. Crow, R. O. Deming and the Sand Springs Farm.

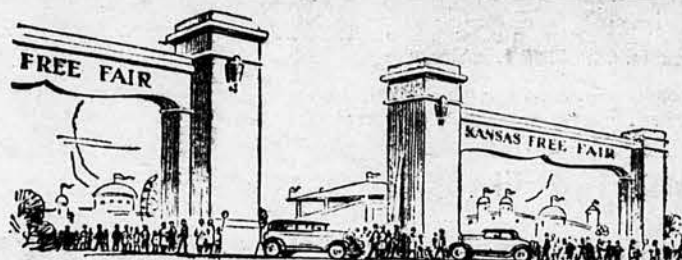
"The poultry department shows the advance made in the standard breeds in an ever-increasing and interesting exhibit by James R. Cowdrey, W. F. Caskey, Loren Bass Richard and Ralph Roose, J. W. Allen, A. O. Browne, A. A. Alexander, Walter Hoffman, Mrs. Harry T. Forbes, Mrs. Sadie Miller and Mrs. E. W. Weltmer.

"The department of agriculture continues to be the most extensive in numbers of exhibitors, and in the fine quality of the exhibits. Among the veterans here are G. R. Wheeler, L. G. McGee and George Kreipe, with D. C. Hastings, J. H. Ginter, Preston Hale, W. P. Kimball and Rolly Freeland."

—KF—

District School Answers

Here are the answers to the District School questions on page 2. 1. C, or cooking utensil. 2. D, or casserole. 3. A, or to eat. It is a relish. 4. B, or log. 5. A, or wagon. It is the rim of a wagon. 6. The front end, between the shoulders. 7. Iowa, Illinois, Kansas, Kentucky, Ohio, Indiana, Michigan, Wisconsin, Minnesota, Nebraska, South Dakota and Missouri. 8. The horses next to the wagon. 9. None, a stone boat is a small sled used to remove stones from fields. 10. B, or poultrymen. A clutch is a nest of eggs or a brood of young chicks.

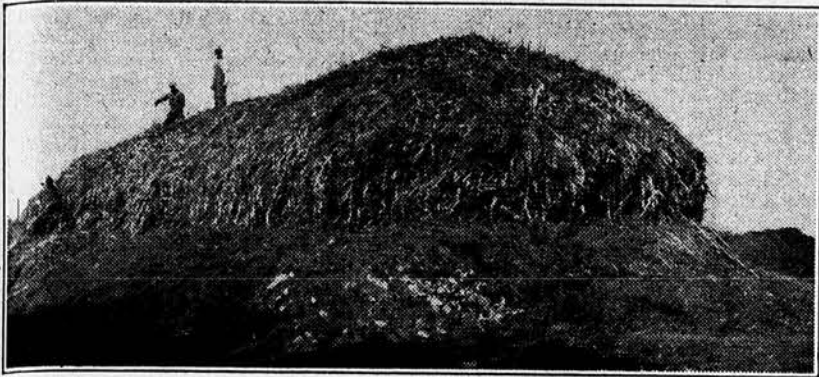


KANSAS FREE FAIR TOPEKA Sept. 11 to 17

Sunday... { Afternoon Championship Rodeo
Evening Championship Rodeo
Monday Afternoon Championship Rodeo
Tuesday Afternoon Championship Rodeo
Tuesday and Wednesday..... **RACES** { Harness and Running
Thursday and Friday..... **OPEN AUTO RACES**
"THE BELLES OF LIBERTY"..... Every Night
(World's Most Spectacular Night Show)

SATURDAY THEILL DAY
Jimmy Lynch and His Death Dodgers
Challenging Death in the Air and on the Ground
BECKMANN & GERETY ON THE MIDWAY

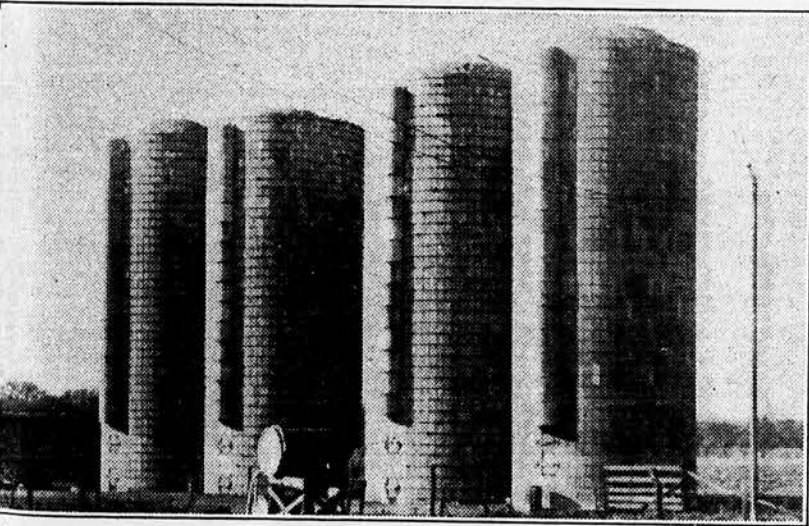
Storing Plenty of Winter Feed



After 4 upright silos were filled on the State Hospital farm at Parsons, this huge combination trench and bundle silo was used to store the remaining fodder. It is a 125-foot trench, 12 feet wide and 12 feet deep, built up 20 feet above ground with ordinary bundles.

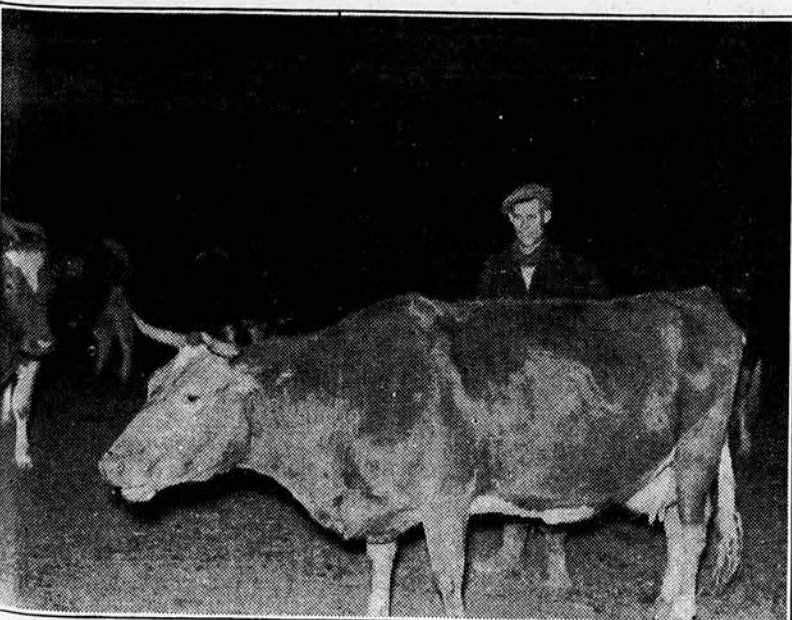


An unusually large bundle silo built by Ira Wilson, Winfield. It is 30 feet in diameter and holds 200 tons. Feeding is in process during last winter. Much temporary silage storage may be utilized, but permanent silos guard against drouth.



More than 1,200 tons of silage are in these 4 big uprights on E. C. Kielhorn's farm near Cambridge. They were filled extra full and well settled as they still bulge over after 2 weeks.

Milking Time for a Record Cow

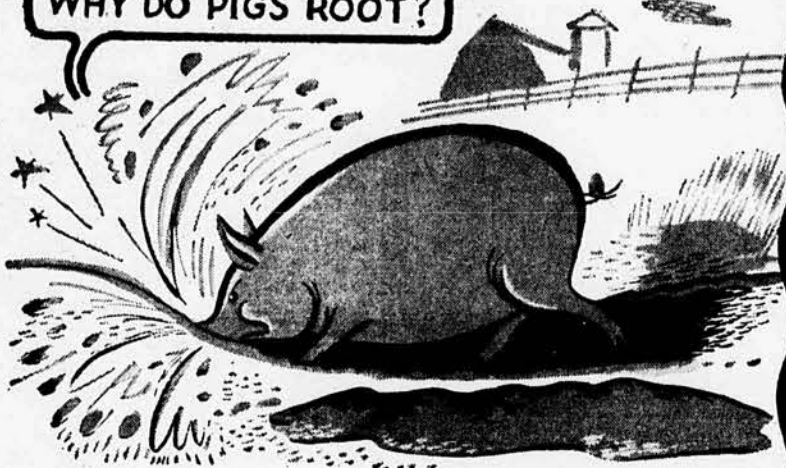


Milking time, and E. H. Whitlow, Tecumseh, starts his prize cow, Earline of Jo-Mar, toward the barn. This cow was state champion Guernsey in Dairy Herd Improvement work as a 4½-year-old, with a standing record of 9,132 pounds of milk and 466 pounds of butterfat. There are 3 of her daughters in the Whitlow herd.

Kansas Farmer for September 10, 1938

BARNYARD INTERVIEWS

WHY DO PIGS ROOT?



A "rooting" hog is usually a mineral-starved hog. You'll have no mineral-starved hogs if you feed Cudahy's All-Purpose Minerals.

Mineral starvation is also often the cause of pigs being born dead—hairless pigs—hogs "going down behind" and many other troubles.

THE CUDAHY PACKING CO.

makers of
BLUE RIBBON Digester Tankage
BLUE RIBBON Meat and Bone Scraps

FREE BOOK TELLS
How to
Satisfy That Mineral Hunger

CUDAHY'S ALL-PURPOSE MINERAL FEED

Cudahy's Mineral Feed provides a balanced mixture of minerals, low in cost, high in quality for all kinds of livestock and poultry as well as hogs. Use of Cudahy's All-Purpose Minerals assures you greater feeding profits.

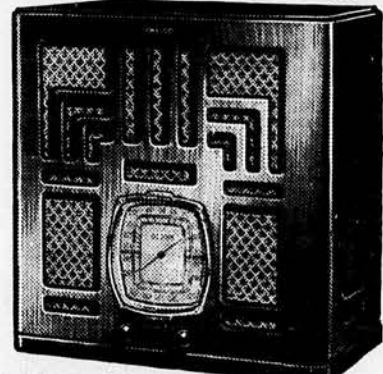
THE CUDAHY PACKING CO.,
Dept. KF9, Kansas City, Kans.

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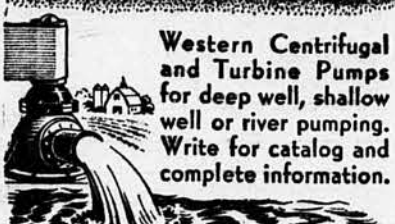


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The Trap

(Continued from Page 6)

"The Lord helps them that helps themselves," mocked Curran. "Made up your mind to tell?"

The tip of Baldwin's ear was suddenly crimson. The hissing leather marked the backs of both his hands. His neck stung unbearably. Each touch of the lash was like branding with a red-hot iron.

"I guess I better tell ye, Lafe," he said, thickly. "It don't seem that money's worth what you're doing nor what I'm standing. I had to fake a minute or two to get light on it."

Curran struck a final blow for good measure and rested his arm.

"All right," he said, "where you got it hid?"

"Go into my bedroom and move the bed," Baldwin told him. "You'll find a new piece of board about a foot long set into the floor. It's painted over and looks like it was nailed down, but the nails is stuck into gimlet holes. You can pry it up easy with your knife."

"All the money there?" asked Curran.

"Every dollar I got is down there, Lafe," answered Baldwin. "I wish you'd leave some. I need a little."

"Listen," said Curran. "I'm going to see if you told the truth. Then I'm coming back. What you going to do if I let you loose?"

"Go home and put some lard on these here cuts," Baldwin told him, "so's they'll heal up. Would you jest as soon gimme a drink of water afore you go, Lafe?"

"When I come back," Curran said. He flung down the whip and went up the cellar stairs two at a time. Baldwin heard the house door slam. Then there was silence for a long time.

The lantern still filled the cellar with light. The old man looked down at his hands. The wrists were crossed and securely bound with manila rope. But the fingers were free and at the expense of pain there was a little play under the ropes.

Baldwin worked his right wrist forward half an inch. Then he curled his fingers up to the sleeve of his left arm.

We Discover an Author

In our next issue we will present something new in the way of fiction. It's a short, short story written by a farm woman and it is her first published fiction. Don't miss reading her story and the offer Kansas Farmer makes to amateur writers. Perhaps you may discover yourself as an author. Watch for "Team Work," by Nanne Henry Heaton, in our next issue.

He set his teeth while his fingers struggled there, reaching, and finally the first and second fingers found the hard object that he sought.

With infinite care they drew it down. A small, sharp kitchen knife appeared. He worked the handle down to his palm and twisted the blade up between his fingers until the edge was against the ropes. Then with great patience he began to move the blade back and forth.

When the ropes fell away from his wrists he was as good as free. He slashed the rope that passed under his arms and across his chest, and stood away from the wall.

Baldwin crossed to the stairs, hesitated, and went for the lantern. He held it under the stairway and peered down. There was his grave.

"And Lafe calculates to put me there soon as he's got the money!" exclaimed Baldwin, wagging his head. "That's an awful thing for a man to do."

He went up the stairs and out of the house. The old man did not hurry as he walked down the road. He even stopped to bathe his face and hands in a brook and his step did not quicken as he drew near his own doorway. A groan came out from the bedroom as he entered the kitchen.

Hugh Baldwin stopped in the bedroom doorway and looked down. From a crouching position on the floor Lafe Curran stared up at him with glassy eyes. His face was drawn with pain, and now the greenish pallor of terror spread over it.

Curran was on his knees with one arm extended thru a narrow opening

in the floor. His other hand, clenched into a fist, began to beat against the boards. His lips twisted back and words left them in a scream.

"Let me go!" he begged. "Or shoot me! I can't stand it!"

"Wait a minute, Lafe," said Baldwin. "You ain't got nothing worse than a broke wrist, anyway. That ain't half as bad as being buried under the cellar floor. While they's a chance of it sinking in I want to tell ye something."

"I never had no idee of being afeard about my money until you said it was dangerous to keep it around. So I fixed me a knife up my coat sleeves in case I got stopped on the road when I was carrying my money, for I never did leave it alone in the house very long. It was that knife cut me loose jest now. And I set a steel trap down there big enough to hold a bobcat."

"If you hadn't got me to suspecting folks you might jest as well had that money, and me buried. I'll be gold-durned if I don't feel kind of sorry for ye!"

—KF—

Books You Will Enjoy

By JANET MCNEISH

Both Sides of the Microphone, Training for the Radio—By John S. Hayes and Horace J. Gardner. Lippincott, \$1.25. The contents of this book are divided into two parts, first the program, sales, publicity, engineering and office departments. Part two includes what the listener should expect from the various types of program offered such as dance orchestras, news comments, educational, drama and symphonic broadcasts. An invaluable book for anyone interested in radio.

Step by Step in Sex Education—By Dr. Edith Hale Swift. Macmillan. This is a book for parents. It is presented in dialog form. Father, mother, son and daughter. Taking you thru early childhood to young people in college. A real help to parents.

The Way of All Flesh—By Samuel Butler. Macmillan, \$1.50. While this novel was first published in 1903, it is now offered at a reasonable price so that it may be added to your libraries. A story of family life as applicable today as when written. The relationship between parents and children does not seem to vary a great deal no matter which century they may live.

Fade Out—By Naomi Jacobs. Macmillan, \$2.50. With the background of stage and film studios, the story of Jane, gay and fascinating, unfolds. Jane's brother, Bobby Pinto, also of the stage. Martin Sharrett, a playwright, who loves Jane. Jane's mother who races from place to place trying to forget her second husband, Rex Verschoff. These are the principal characters who bring their many troubles to Claudia, Jane's grandmother, a grand old woman.

Romance in the Rain—By Ethel Owen. Lee Furman, Inc., \$2. The Wright family, and their next door neighbors, Jim and Carman Danfield, are the kind of folks you'll enjoy meeting. The main theme of the book concerns the life and romance of Janice Wright. Wilma Wright, the younger sister, is a product of the modern generation. She plunges recklessly into life without stopping to count the consequences, and her love affair is almost as interesting as that of Janice.

—KF—

Kansas Farmer Visitors

Kansas visitors to the Capper Publications, Inc., last week, included the following:

Margaret L. Guyot, Douglass; John J. Clare, Lorraine, Delores, Billy, Jack and Jean Heffern, Neosho Falls; Vernon, Curtis and Loren Erickson, Jennings; Mrs. C. L. Erickson, Hays; Neal Miller, Manhattan; Mrs. Jack Long, Russell; Charles and Mrs. Rohloff, Herington; Winston, Margaret and T. F. Hogan, Centralia; Ernest Berg, Kansas City; Mrs. Charles Powers, Longton; Ross Davis, Montezuma; Maxine Zibell, Holton; John Thomas Blair, McCune; Virginia Ganrel, Hill City; Kenneth Carder, Fredonia; Patty Ate, Wellington; Bertha Hatfield, Independence; Lorraine Davis, Hoyt; Ed Frank Ruddy, Harveyville; Mr. and Mrs. Baird, Pollyanna Baird, Scranton;

Timely Bulletins

Kansas Farmer readers are ordering many bulletins offered recently. The new list below may contain subjects on which you are seeking more information.

Free bulletins:

No. 13—Sheep and Goat Lice and Methods of Control and Eradication.

No. 876—Making Butter on the Farm.

No. 1186—Pork on the Farm. Killing, Curing and Canning.

No. 1378—Marketing Eggs.

No. 1497—Home Laundering.

Bulletins at bargain prices:

No. M2015—Prize School Lunch Menus. Price 2c.

No. M2016—A School Day's Party. Invitations, entertainment and refreshment suggestions. Price 2c.

No. M2017—Reducing Recipes. (26 recipes used in preparing Reduction food), price 2c.

Please address your order to Bulletin Service, Kansas Farmer, Topeka.

J. A., Mayme, Arthureta and Edgar Chaffin, Phillipsburg; Mrs. A. L. Peacock, Speed; Mr. and Mrs. O. W. Bloomquist, Harley and John Bloomquist, Osage City; Mrs. R. Soderquist, Ray, William and John Soderquist, Vliets; Warren Dean and Mrs. Edwin Maier, Mrs. Clara Williamson, Mayetta; Mrs. Carrie Luce, Milton Luce, and Dorothy Luce, Collyer; Herbie Brown, Ottawa; Sam Balderston, Mrs. Delbert Loyd, A. D. Loyd, Clifton; Dorothy Faye, Richard, Tom and Mrs. Tom Arnold, Mr. and Mrs. Tempest Brown and Fred Brown, Burlingame; Edna Gene Hauff, Kansas City; Bob Nash, Junction City; A. E. Clough, Elk Falls; Ralph Perkins, Howard; Loys Guest, L. W. Hartel, E. N. and Douglas Chapin, Manhattan; Marie and Ida Risdon, Bigelow; Verna Lou Page, Havensville; Veda Wells and Mrs. M. W. Wells, Wakarusa; Audrey Jean, Wayne and O. F. Oberhelman, Donald Panstian, Perry Burwell, Eugene Grimes, Harold Dyer, Freer McCluggage, Clifford Peterra, Gerald Thompson, Richard Alan Lund, Paul Newell, John F. Barr, John Morton, Francis Walters, Charles Borem, Francis Roland Goering, Tommy Prideaux, Bill Stewart, Wendall Oberland, Marshall Walker, Ken Stewart, Manhattan; George Bale, Clay Center; Carl M. Boyd, Ruth Ellen Volk, Leta Jean Ramsdell, Virginia Allen, Doris Belle John, Donna Marie Gillette, Beverly May Cullough, Loren Merle Engle, Joy Proctor, Wanda Jean Sheets, Melvin Beach, Mrs. D. J. Beach, Alma Jean Beach, Mrs. Henry Ramsdell, D. J. Beach, Burlington; Mr. and Mrs. G. S. Warkentin, Mabel and Donald Lee Warkentin, Hillsboro; Helen and Rita Sherlock, Blaine; Mr. and Mrs. Will J. Budke, Charles Budke, Glen Elder.

Topeka visitors were Barbara Graham, Anna Richstatter, Eleanor Schmitz, J. A. and Miss Wilma Shubhagel, Charles Leslie Dutt, Jimmy Walters, Mrs. E. E. Marsh, Richard Peterson, Ruth Lacey, Darlene Highfill, Jasquita Mustoe, Dean McClelland, Charles Dutt, Phyllis, Peggy Anne and Jeanne Scott, Marcia Jane and Sue Wyland, Lorane Barrett, Katherine Welty, Frances Hall, Ben Paulsen, Mrs. W. P. Hall, Lucile Currie, Thelma Layman, Phyllis Merle Faught, Leta Fay Becker, Mrs. W. A. Becker, Lois Cummings, Esther Gordon, Morton Belknap, Bill Douglas, Gordon Bowers, Bob Belknap, Calvin Culp, Patty Ewing, Eleanor, Delores and Letha Mae Jones, Bill Nichols, Keith Lagerstrom, Charles Grimmett, Maurice Imming, Arthur Fitzgerald, Dean, Dorothea and Dale Dodge, Robert Jones, Mary Simmons, Jane Schmidt, Helen Shideler, Marvel Bidwell, L. E. and R. V. Shorthill, Jerry Rogers, Ray Culbertson, John Holliday, Mary Grace Burkhardt, Gisela Kamm, Mrs. C. H. Much, Wayne Hickman, Bruce Hurd, Don Schnacke and Eugene Bower.

Folks also visited the Capper plant from Nebraska, Iowa, Missouri, Illinois, Minnesota and New York. There were two visitors from China. Why not visit us when you're in Topeka?

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Revived Interest in Orchards

By JAMES SENTER BRAZELTON
Echo Glen Farm, Doniphan County

THE unusually large turnout at the Orchard tour in Doniphan county in August would seem to indicate a revival of interest in horticultural matters here. The hot weather of recent summers has wrought much havoc among orchards. This, coupled with low prices, has not been conducive to an enthusiastic optimism. But with much less tree mortality this year and bright prospects for marketing the present crop, the orchard industry seems to have taken a new lease on life.

The purpose of the tour, in charge of Jerry Amstein, Extension horticulturist, Kansas State College, was to afford orchardists an opportunity to get together to compare the results of various sprays and spray methods and to study some of the problems of orchard soil management.

Attention was given to the different types of fertilizers and it was unanimously agreed that the fall of the year, just after the apples are harvested, is the best time for the application of cyanamid or other nitrogenous fertilizers. It was recommended that commercial fertilizers be scattered broadcast between the rows instead of placing in a ring around the trees.

Mulch Proves an Aid

In the Blair Experimental Orchard trees mulched with straw plainly showed heavier and greener foliage. P. G. Lamerson, Extension resident entomologist, pointed out the results of the summer's spray experiments, in this orchard, carried on under his supervision, one of which was especially outstanding. This was the adverse effect of soybean flour when used as a spreader and sticker. Every tree sprayed with this ingredient consistently showed fewer and smaller leaves and arrested twig growth. No tests had been made using stock dip, a comparatively new material, now perhaps more widely used than any other one material by growers in this county as a spreader and sticker. Hundreds of gallons of it were sold here this season.

At one of the stops on the tour Wm. F. Pickett, the new head of the horticulture department, Kansas State College, made a few remarks. His talk centered around the urgent need for a new horticultural farm at Manhattan. Of the 1,300 trees originally comprising the College orchard, 900 have died. The remaining trees are in a deplorable condition, unsightly and unprofitable, the speaker stated and he urged the growers here to put forth an effort to get the coming legislature to realize the need of a new horticultural farm.

Need for More Money

Another matter taken up by Doctor Pickett was the necessity for an increased appropriations for carrying on the experimental work. Carry-over funds for this are now depleted, he said, and it was his opinion that unless the legislature could be prevailed upon

to increase the appropriation, much work now being carried on at the Blair Experimental Farm and the anthracnose disease control and strawberry leaf hopper projects at Wathena would have to be curtailed. Horticultural experimental work was the only thing in the line of scientific agriculture that did not receive increased appropriations from the last legislature, the speaker asserted.

Doctor Pickett called attention to an interesting observation he had made as to a certain condition in the fruit industry in this corner of the state. He said that most all of the growers were either of middle age or older. But few of the younger generation have taken up apple raising and fruit growing, he pointed out. As they reach maturity, the young men drift into something else. The visiting horticulturist thought this condition should not prevail and wondered as to the cause of it.

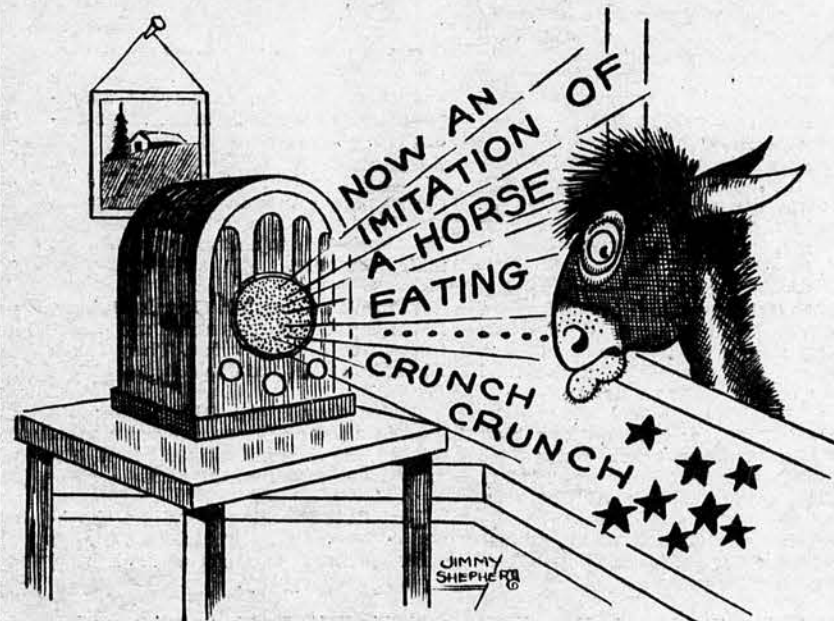
We venture the opinion that a two-year course in Vocational Agriculture in the local high school would go far toward remedying this economic defect. Those boys who may have leanings toward horticultural careers receive little encouragement.

Should be Chemists

Sons of apple growers on these 10,000 acres of orchards surrounding Troy should be taught the rudiments of chemistry so they could go back to their father's orchards and know why chemicals react in a certain way when mixed together in a spray tank. Knowledge of the chemistry and physics of soils would be of much practical value. A little elementary entomology would at least enable the boys to recognize a codling moth at sight. A course in botany would not come amiss for it would give the prospective apple growers a better idea of just how a tree can make delicious fruit of water, carbon dioxide and sunshine.

Annual Meeting in Topeka

The annual meeting of the Kansas State Horticultural Society will be held this year in Topeka on December 1 and 2. The program will start in the afternoon of the first day, with a banquet that night and will end at noon of the second day. One of the principal speakers will be Prof. W. A. Ruth, head of the department of horticulture, University of Illinois, and vice-president of the American Pomological Society in charge of spray residue investigations. Many new facts have been brought to light on this subject and Professor Ruth is in a position to tell of them first hand. It seems so inconsistent that one branch of the government should provide instruction and information so that more and better fruit can be raised, and another branch of that same government should carry on a campaign creating a general condition of public fear so that the consumers of our fruit refuse to eat it lest they be poisoned.



"Good Gosh! They must be feeding that animal scrap iron."

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Tell Your Side of It

LETTERS FROM READERS

Best way to arrive at the truth is to learn both sides of a question. So all readers of Kansas Farmer are invited to express their views on any subject of interest to farm folks in this "Tell Your Side of It" letter department. Of course, unsigned letters cannot be considered. Long letters will be condensed so more folks may have their say.

Like Disk Cultivators

Several years ago, I bought a disk cultivator, and when I understood how to use it, I turned the disk to the corn that I had listed. First I planted the corn pretty thick, then I just let the disk down on the ground; just the weight of the disk did the plowing, throwing the dirt in the furrow. Took off the fenders and the dirt that went in the row of corn and covered the weeds each time. When I went over the corn 3 times this was enough. The listed furrows were full of dirt and the corn was ready to tassel, and I had no weeds to hoe.

Now as we have a tractor, we can buy two disk cultivators, put them behind the tractor by putting 2 braces from tongue to tongue with a 2 by 4. Then take off 1 or 2 inside wheels. You only need 2 reaches to carry the disk from field to field. When in the field at the end of the row, you turn around, and this plows the weeds out. You go on the first 2 rows, then go over to the 7th and 8th row, then back to the 3rd and 4th rows, then you go to the 5th and 6th rows, then over to the 15th and 16th, then back to 9th and 10th row. You have a start to go on. I think someone will be interested to follow my plan of farming.—L. W. McReynolds, Gridley, Kan.

Not a Production Problem

This is offered merely as the viewpoint of one Kansas farmer, but it is a viewpoint not hastily acquired. I consider the plans tried by this administration and the previous one to aid the farmer, have been failures because they were based on the theory of controlled production. Drouth has shown conclusively the fallacy in that theory of government controlled production. On the other hand, the officials and others who hold that view, express concern over the prospect of a series of good crops, which is an admission of its failure.

To me, the view that abundant crops are of necessity detrimental to the farmer and not something to be thankful for, makes neither economic sense nor common sense. What is the thing needed by the farmers to put them on that much-talked of equality with other industries? It is the ability to maintain fair prices on their products, which means that it is a market problem, not a production problem. The present method of marketing agricultural products is unscientific and unbusinesslike as far as the farmer is concerned.

The wheat the farmer produces always is a resource to him as long as it is in his hands. It makes no difference whether the crop is good or poor, or the price high or low. But when it passes out of the farmer's hands, it becomes to him a liability to be contended with in producing another crop. It makes no difference whether it passes into the hands of speculators or of the Government. That being the case, is it not the sensible and logical thing to do, to keep the surplus wheat on the farm until it is needed, and not let it pass into hands where it will become a liability?

So long as the farmer has no voice in the market price, he cannot do other than place all his crop on the market. If he is going to keep the surplus on the farm, he must be able to name the minimum delivered price on what he sells. He cannot keep the surplus on the farm unless he can say what he shall get for what he markets.

What would be the effect of such a plan? First, it would settle the price question; second it would be to the interest of every farmer to have on hand each season the amount of wheat his farm allotment calls for. I believe it would have an important bearing on the money question. There was plenty

of good money on hand when the stock market crash came. If at that time the farmer could have maintained prices as other industries do, we would never have heard of the so-called rubber dollar. It would have done more to keep up employment than anything the Government can do. It would encourage and make possible soil conservation. The farmer has been encouraged, if not forced, to rob the soil because he had nothing to say about what he would get for his product. It would be better crop insurance, than anything the Government will offer.

I imagine I hear some one say "what about the consumer." What consumer? The largest and most important group of consumers in the country, is made up of farmers. In 1931 and 1932 with wheat selling for 25 cents, more people were going hungry than in 1925 and 1926, with wheat selling for \$1.50.

Given fair prices for raw materials, fair wages for labor and fair profits for business men and investors, and as little government as possible, we need not worry about employment and prosperity, but the fair prices for raw materials must come first.—C. J. Denny, Harper Co.

Hard on Small Farmer

In our county, and I wonder if it isn't typical of most Kansas counties, some farmers are forced to sell off what farming equipment they have and move to town because they are unable to find a farm for rent; while business and professional men in the cities own any number of farms, tear down the improvements and one or two men cultivate hundreds of acres with machinery just for farming on a big scale. Thus, the small farmer and farm hands are cheated out of that chance of honest living and must trust to luck for odd jobs to keep themselves and families alive. Now, if taxes could be placed so high on all cultivated, unimproved land exceeding 160 acres, pastures excluded, that the profit would be so small as to be not worthwhile, and taxes lowered on all improved and occupied farms, the better the improvements the lower the taxes, so low as to be almost negligible, then happiness and comfort would be restored to the many instead of accumulation of farm wealth for the few.—A Farmer's Wife.

Until Dinner Is Ready

BY THE EDITORS

More Trouble: Boy Scouts in Arkansas were on a hike and were suffering from prickly heat. So they went in a store and asked for "itch" powder. That's what they got, the powder used by practical jokers to cause itching. The hike was slowed down by the scratching.

Dog Day: A Pennsylvania family left their dog at home and went on a picnic. But soon after they arrived at the picnic grounds up rushed the dog, tired and dusty—but triumphant. He'd chased the car for 18 miles.

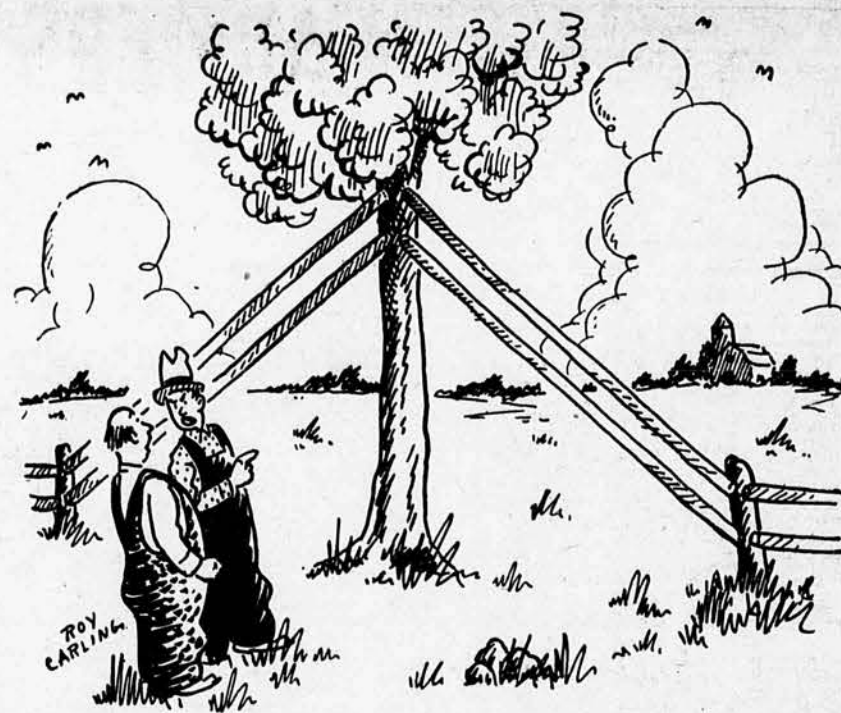
Idealists' Ideas: New ideas for curing all the ills of the country pour into the farm security administration at the rate of 2,500 a year. Most of them outline a "back-to-the-farm" movement.

Swine Sabotage: A German farmer, it is reported, has been arrested for feeding his hogs stale bread and flour. The charge is "sabotage of the food supply of the German nation."

Talent Aplenty: The nations high schools and colleges turned out a total of 1,420,000 students this year, many of them looking for jobs and careers.

Last Longer: Church weddings last longer than those performed by magistrates, according to an expert.

Scratching Service: A New York gasoline station owner has put in a back-scratching post as a new high in



"You should never have nailed the fence on this tree, Luke, the way it's been growing!"

Growers Learn About Hybrids

Kansans View Iowa Fields

FARMERS in Eastern Kansas are turning to hybrid corn. Two years ago an Iowa farmer enroute to visit a brother in Oklahoma, stopped at the Clarence Parmely farm in Coffey county, Kansas, and related his experience with hybrids. Mr. Parmely sent for a small quantity of seed of an early yellow variety, put it in one planter box and Pride of Saline, a white corn, in the other and put it along one side of a field. In late summer a heavy wind blew down open pollinated varieties, including the Pride of Saline, but left the hybrid standing. The owner was impressed. He harvested the two separately and weighed them up. The hybrid yielded 63 bushels an acre; Pride of Saline, 50 bushels.

Word of the higher yield and of stalks that stood straight when other corn went down spread, and last spring a number of neighbors put out a trial planting of hybrid.

Most of them used a cold resistant variety that matures in about 100 days.

Some planted the last half of March and the crop was made before the first prolonged heat wave set in. Mr. Parmely was swamped with inquiries about hybrids. To supply some of the information, he led a group of about 30 from his section on a tour to Western Iowa, September 1. The group inspected hybrid corn fields in Carroll and Guthrie counties and visited grading, drying and storage plants of commercial hybrid seed growers.

Some of the visitors reported on results obtained by themselves and neighbors. Dan Luthi, Greenwood county, said his early hybrid, planted about April 1, was dry enough that he began grinding it August 21 for 59 steers he has on feed. He estimated yield at 50 bushels an acre after a flood had damaged 30 per cent of the field.

Mr. Parmely reported that Warren Murray, a neighbor, started a mechanical picker September 1, in a field planted March 25. The corn was dry enough then to keep in the crib, and Mr. Murray gathered it to stop loss of ears carried away by dozens of visitors who had to take samples to prove they had seen a field that matured so early. Mr. Murray's corn was frozen back once after it was up. Later a snow covered it. Still, the yield is estimated at 70 to 80 bushels an acre.

Among those who made the trip from Kansas were: C. A. Holmberg, Ira W. Smith, B. W. Cripps, C. W. Sanders and Otto Wolf, all of Miller; J. T. Rankin, H. B. Wilson and G. K. Wilson, Quenemo; Emmett McEnroe, E. O. Sechrist, David Pence and J. T. Cochran, North Topeka; E. E. Bailey, Scranton; Willard Brunenn and W. A. Oden, Galesburg; Ralph Foust, G. C. Watts and Don Beard, Erie; E. O. Johnson, Osage City; H. A. Funk, Homewood; Howard Ernst, Americus; J. E. Haag, Olpe; W. E. Russell, Milton Bergsten and J. A. Holmstrom, Randolph; S. O. Parr, Rossville; L. J. Brethorn, Green; C. G. A. Bergen, Leonardville, and John McLeod, Marysville.

—KF—

No Delay for Painting

Delays formerly necessary before paint could be applied to galvanized sheet metal surfaces may be eliminated by the use of a newly-developed, heavily zinc-coated sheet that can be painted immediately on installation. Longer life is claimed, since neither weathering nor acid washes, both of which destroy part of the coating, are required as a preparation for painting.

The new sheet is covered with a chemically neutral film, which permits the paint to flow on freely, retain its flexibility and resist the tendency to check and peel for a much longer time. The material may be used in gutters, downspouts, roofing, and all parts customarily made of sheet iron or sheet steel.

TABLE OF RATES							
Words	One time	Four times	Words	One time	Four times	Words	One time
10.....	\$.80	\$2.40	18.....	\$1.44	\$4.32		
11.....	.88	2.64	19.....	1.52	4.56		
12.....	.96	2.88	20.....	1.60	4.80		
13.....	1.04	3.12	21.....	1.68	5.04		
14.....	1.12	3.36	22.....	1.76	5.28		
15.....	1.20	3.60	23.....	1.84	5.52		
16.....	1.28	3.84	24.....	1.92	5.76		
17.....	1.36	4.08	25.....	2.00	6.00		

You will save time and correspondence by quoting selling prices in your classified advertisements.

FARMERS MARKET

RATES 6 cents a word each insertion if ordered for four or more consecutive insertions; eight cents a word each insertion if ordered for two or three consecutive insertions; 10 word minimum. Count abbreviations and initials as words and your name and address as part of the advertisement. When display headings and white space are used, charges will be based on 50 cents an agate line, or \$7 per column inch; five line minimum; 2 columns by 168 lines maximum. No discount for repeated insertion. Headings and signature limited to 24 point openface type. No cuts allowed. Copy must reach Topeka by Saturday preceding date of issue.

REMITTANCE MUST ACCOMPANY YOUR ORDER

RELIABLE ADVERTISING

We believe that all classified advertisements in this paper are reliable and we exercise the utmost care in accepting such advertising. However, as practically everything advertised has no fixed market value, we cannot guarantee satisfaction in cases of honest dispute we will endeavor to bring about satisfactory adjustment, but our responsibility ends with such action.

PUBLICATION DATES: Every other Saturday.
Forms close 10 days in advance.

BABY CHICKS

BOOTH'S FAMOUS CHICKS STRONG, healthy, quick growing. Excellent layers. From one of America's greatest breeding institutions. 10 varieties. Also sexed chicks. Reduced prices. Free catalog. Booth Farms Box 811 Clinton Mo.

20 BREEDS, BUSH'S FAMOUS CHICKS PULLETS, cockerels, unsexed. Prices begin \$3.95. P.O.B. hatchery. Prompt shipments C.O.D. Get our price list. Bush Hatchery, Clinton, Mo.

CHICKS, LEGHORNS \$6.45 PER 100. REDS, Rocks, Wyandottes, Orpingtons, \$6.95 per 100. Less 100 7 1/2c each. Taylor Hatcheries, Iola, Kan.

RHODE ISLAND WHITES

NEW BLOOD R. O. P. RHODE ISLAND Whites or Reds, increase hatchability, vigor. Extra choice breeding males from high record hens. Also chicks; eggs; pullets. Bockenstette's, Sabetha, Kan. R5C.

LEGHORNS

READY TO LAY PULLETS; BREEDING males; Chicks; Eggs; 300 egg sired; extra big type; low prices. Bockenstette's, Sabetha, Kan. R2C.

BUFF MINORCAS

BUFF MINORCA ROOSTERS FOR SALE. F. H. Friedrichs, Rt. 1, Herkimer, Kan.

POULTRY PRODUCTS WANTED

EGGS, BROILERS, HENS, WANTED COOPS loaned free. The Copes, Topeka.

PHOTO FINISHING

INTRODUCTORY OFFERS—ANY ROLL developed and two prints each negative 25c—any roll developed and two 5x7 special enlargements best negatives 25c. Special Fadeproof Automatic Process insures sharper, clearer life-time prints. Specify offer wanted. Reprints 3c each. Superfoto Films, Dept. 28A, Kansas City, Mo.

ROLL FILM MACHINE DEVELOPED AND your choice of (1) 8 Finerfotos and 2 Professional Bromide enlargements, or (2) 16 guaranteed Finerfotos or (3) 8 Finerfotos and one beautiful oil colored enlargement, 25c coin Order by number Finerfotos Box N-898 Minneapolis Minn.

PROMPT SERVICE—GUARANTEED WORK. Two beautiful portrait type double weight enlargements, eight nevertide gloss prints, each roll 25c. Dubuque Film Service, Dubuque, Iowa. **EXPERT PHOTO FINISHING ONE DAY** service. 8 genuine expensive Velox prints, two double weight professional enlargements 25c. Expert Studios, LaCrosse, Wis.

PROMPT SERVICE—QUALITY WORK; 2 beautiful double weight gloss enlargements, 8 guaranteed nevertide prints each roll. 25c. Maxell Photo Service, Dubuque, Iowa.

SPECIAL OFFER! 10 REPRINTS FOR 25c. one beautiful 6x8 enlargement free. Rolls finished, 8 prints 2 enlargements 25c. Nielsen's Studio, Aurora, Neb.

ROLL DEVELOPED, TWO PRINTS EACH and two free enlargement coupons 25c. Reprints 2c each. 100 or more 1c. Summers' Studio, Unionville Mo.

LOOK! YOUR CHOICE! SIXTEEN PRINTS or two enlargements and eight prints from each roll. 25c. Quickest service. Modern Studios, LaCrosse, Wis.

ACE-HI PHOTO SHOP, LACROSSE, WIS. will develop your roll with 8 glossy prints and 2 enlargements for 25c. Immediate service.

EIGHT COLOR-TONE GLOSSY PRINTS AND two 5x7 enlargements with each roll. 25c (coin). Globe Photo Shop, La Crosse, Wis.

ENLARGEMENT FREE. EIGHT BRILLIANT border prints and your roll developed 25c. Camera Company, Oklahoma City, Okla.

GUARANTEED. 20 PRINTS 25c. ROLL developed, 16 prints 25c. Quality Photo, Hutchinson, Kan.

ROLL DEVELOPED, PRINTED. 15c; RE- prints 1c. Howard's, 2947 Jarvis, Chicago.

ROLL DEVELOPED. 16 GUARANTEED prints 25c. Smart Photo, Winona, Minn.

16 PRINTS WITH ROLL 25c; 16 REPRINTS 25c. Rex Photo, Ogden, Utah.

RADIOS

AMAZING NEW FARM RADIOS—NO BATTERIES to charge, no equipment to buy. Beautiful full size table model complete with 1,000 hour battery \$16.95. Guaranteed by oldest exclusive maker of farm radios in America. Territory open for Farmer-Agents. Write today for complete information. L'Tatro Mfg. Co., Decorah, Iowa.

MALE HELP WANTED

STEADY WORK. GOOD PAY. RELIABLE man wanted to call on farmers. No experience or capital required. Pleasant work. Home every night. Make up to \$12 a day. Wonderful new proposition. Particulars free. Write McNess Co., Dept. 203, Freeport, Illinois.

SEED

Seed Wheat for Sale

2,340 samples of wheat from as many farmers were grown in Crop Testing Plots in 25 Kansas counties in 1938. At Wheat Field Days in June, cerealists graded these plots in the field as A, B or C, according to adaptation of the variety and purity of the sample.

340 of these samples graded A. This seed is for sale. Secure names of growers from your County Agent.

Kansas Wheat Improvement Association
Manhattan, Kansas

KANSAS CERTIFIED WHEAT SEED. FIELD inspected and laboratory tested. Tenmar, Turkey, Kanred, Blackhull, Kawvale, Harvest Queen and Clarkson for sale. Write for list of 15 growers. The Kansas Crop Improvement Association, Manhattan, Kan.

HARDY RECLEANED ALFALFA SEED \$12.50. Grimm alfalfa \$13.40. White sweet clover \$3.00. All 60-pound bushel, track Concordia. Return seed if not satisfied. Geo. Bowman, Concordia, Kan.

HARDY RECLEANED KANSAS ALFALFA \$10.00. Sweet Clover \$4.00. All per bushel F.O.B. Salina. Bags free. Write for samples. Kansas Seed Co., Salina, Kan.

FOR SALE: CERTIFIED "CLARKAN" SEED Wheat. Harvested with binder, 46 bu. yield. 97 germination. Laptad Stock Farm, Lawrence, Kan.

PURE CERTIFIED RECLEANED AND graded Tenmar seed wheat with high germination. Fort Hays Experiment Station, Hays, Kan.

BEST SEED WHEAT? YIELDS TO 60 BUSH- els Acre. Better Quality, Milling, Baking, Free Samples. Earl G. Clark, Sedgewick, Kan.

REGISTERED MISSOURI EARLY BEARD- less winter barley; early premium wheat. C. H. E. Wadher, Boonville, Mo.

CERTIFIED TENMAR SEED WHEAT, 90c a bushel. Bruce S. Wilson, Manhattan, Kan.

CERTIFIED LADAK ALFALFA SEED. W. H. Burch Farm, Fowler, Kansas.

PLANTS—NURSERY STOCK

BLOOMING SIZE TULIP BULBS: MIXED pink varieties; 30 for \$1.00, or 100 for \$2.75, postpaid. This is 50% under regular price. Supply limited. Sarber Nurseries, 3100 West 10th, Topeka, Kan.

PANSIES

PLANT PANSY SEED NOW. REQUEST OUR beautifully colored pansy picture, with seed prices. Offering world's finest seeds. Importers and growers. Bargain Nursery, Abilene, Texas.

MACHINERY

30-60 OIL PULL. 2-D JOHN DEERE TRAC- tors, several Fordsons, 2 Letz roughage mills, four bottom John Deere tractor plows, 21 ft. model S Disk harrow, Mid-West limestone pulverizer, Massey-Harris 16 in. ensilage cutter, Deico light engine. Green Brothers, Lawrence, Kan.

USED PARTS FOR 27-44 TWIN CITY, MINNE- apolis, K and A Case, all models IHC. Wallis, John Deere, and other makes Graber's. 339 So. Wichita St., Wichita, Kan.

RECONDITIONED ALL MAKES OF TRAC- tors and combines in good shape. Weidert Bros., Minneapolis, Kan.

WANTED—LATE MODEL 28-INCH thrasher; give years out and price. W. W. Knapp, Easton, Kan.

RICHMAN'S HAMMERMILL—POORMAN'S Price \$39.50 up. Link Mfg. Company, Fargo, N. Dak.

TRAILER COACHES

KANSAS LARGEST TRAILER MART. Schult-Alma-Kozy Coaches. New and used from \$350.00 and up. Write for literature. Wichita Trailer Coach Co., 600 W. Douglas Avenue, Wichita, Kan.

TRUCK AND AUTO PARTS

SAVE HALF! GUARANTEED RECONDI- tioned truck and auto parts. All parts—all models, makes. Catalog free. General Auto, 7003-K, Cottage Grove, Chicago.

SILOS

DODSON, RED AND WHITE TOP. CON- crete Stave Silo. Keeps ensilage until you want it. Acid proofed. Keeps green crops 100% with molasses or AIV methods. Free literature. Agents wanted. Distributors Blizzard Ensilage Cutters and Hay Choppers. The Dodson Mfg. Co., Wichita, Kan.

IRRIGATION SUPPLIES AND TANKS

DOERR GRAVEL GUARD IRRIGATION CAS- ing—is stronger! Has double filtering surface. Holds back the gravel, is easier to sink. Makes better irrigation wells. We also manufacture Foot valves, Line valves, Irrigation suction and Discharge pipe, Gasoline storage tanks up to 10,000 gallons, Tractor tanks, Stock tanks, Bottomless tanks, Pneumatic and Air Pressure tanks, Truck tanks and Trailer tanks. Distributors for Dempster Centrifugal pumps, Western Turbine pumps. When writing, give depth to water, approximate feet of gravel in well, amount of water wanted. We give complete engineering service. Meet us at the Kansas State Fair, Hutchinson, Kan., September 18 to 24. Factory located in the heart of the Irrigation belt. A. A. Doerr Mercantile Co., Larned, Kan.

ELECTRIC FENCE

MAKE YOUR FARM EARN MORE WITH Farmak Electric Fence. Have all fence you want—permanent or quickly movable, at small cost. Proven on over 40,000 farms. Largest selling electric fence. Amazing low price. Write today for catalog. Agents: exclusive, money-making territories still open. Parker-McCormy Mfg. Co., 47-LX, Kansas City, Mo.

OUTSTANDING ENGINEERING ACHIEVE- ment. Super Electric Fence. Precision built, synchronized electro-breaker. Simple. Efficient. Slashes costs. Fully guaranteed 30 day trial. Free booklet. Distributors, dealers wanted. Super Fence, AK-2500 Wabash, Chicago.

ELECTRIC FENCE WHOLESALE—1938 MOD- els. 3-year guarantee—battery or power. Farmers-Agents write Wholesale Electric Fence, Hales Corners, Wis.

ELECTRIC FENCE \$1.65, BUILD IT YOUR- self. Safe and simple six volt plans 20c. H. C. Rose, Franklin, Nebr.

FARM LIGHT PLANTS

TWO 32 VOLT DELCO LIGHT PLANTS. ONE set batteries, three 1/4 horse motors, one radio. Joe Tripp, Blackwell, Okla. Rt. 2.

ELECTRICAL SUPPLIES

ALTERNATING CURRENT GENERATORS. 500 watt \$22.50. 2000 watt \$65.00. 1000 watt direct current \$19.00. Other generator and motor bargains. Electrical Surplus Company, 1885 Milwaukee, Chicago.

TRACTOR PARTS

WRITE FOR OUR 1938 FREE CATALOG OF used tractor parts; new lug parts. Satisfaction guaranteed. The Central Tractor Wrecking Co., Boone Iowa.

WATER WELL CASING

THOMPSON PERFORATED WELL CASING produces more water because it has a greater perforated area. Supplied in all diameters and gauges, both perforated and plain, and in riveted lock seam or welded construction. Thompson also manufactures steel pipe, metal flumes, measuring flumes, water gates, steel tanks, smoke stacks, etc. Prices and catalogs on request. Write us today. Established 1878. The Thompson Manufacturing Co., 3011 Larimer Street, Denver, Colo.

HAMMER MILLS

NEW HAMMER MILL GRINDS EVERY- thing, large capacity, \$119.50 complete. Martin & Kennedy Co., Kansas City, Mo.

BUILDING MATERIAL

LUMBER AND SHINGLES. MIXED CAR LOTS direct from mill to consumer at remarkable savings. Send us your bill for estimates. McKee-Fleming Lbr. Co., Emporia, Kan.

TOBACCO

KENTUCKY'S SPECIAL—GUARANTEED Best mild Smoking or red Chewing, 12 pounds \$1.00. Recipe, having box plugs free. Valley Farms, Murray, Kentucky.

HONEY

EXTRA QUALITY CLOVER HONEY: 10 LB. pail \$1.60; 50 lb. c. \$9.00; 10 lb. pail bulk comd \$1.10. Fred Peterson, Alden, Iowa.

PATENT ATTORNEYS

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

SITUATIONS

YOUNG MAN, WHITE, WISHES PERMANENT farm job with Christian family. Willing to take lower wages in return for good home and permanent employment. Classified Dept., Kansas Farmer.

EDUCATIONAL

No school advertising under this heading has any connection with the government.

JOBS—LEARN QUICKLY, EASILY, THE short way to a good one. Auto Diesel mechanics, body, fender repair, welding offer opportunity. Address Dept. 8-9 for free book. Low tuition rate. McSweeney's, Kansas City, Mo.

AUTO MECHANICS, DIESEL, BODY-FENDER repairing, welding, electric refrigeration. Low rates. Stevinson's, 2008-1 Main, Kansas City, Mo.

AUCTION SCHOOLS

\$100 DAY AUCTIONEERING. TERM SOON, free catalog. Relsch Auction School, Austin, Minn.

104 PAGE AUCTIONEERING BOOK, \$1.00. American Auction College, Kansas City, Mo.

PRINTING

QUALITY PRINTING, LOW COST. 500 gummed stickers 24 cents, 100 bond letter heads, 100 envelopes, \$1.00. Prepaid. Case Printing Co., Wright City, Mo.

DOGS

ENGLISH SHEPHERD PUPPIES. NATURAL heelers. Ed Barnes, Collyer, Kan.

SPARROW TRAPS

SPARROW TRAP—GET RID OF THESE pests. Any boy can make one. Plans 10c. Sparrowman, 1715-A Lane St., Topeka, Kan.

QUILT PIECES

QUILTMAKERS. 60 BEAUTIFUL, TUBFAST, assorted prints 25c. When ordering state if interested in selling your quilts. West, 126S Homan, Chicago, Ill.

REMNANTS FOR GARMENTS AND QUILTS; 25 yard bundle \$1.00 postpaid. Samples Free. Un-on Mills, Sandoval, Illinois.

LAND—KANSAS

FARMS, ALL PRICES, IN ONE OF THE BEST counties in the state. No trades. B. W. Stewart, Abilene, Kan.

400 ACRES CATHOLIC COMMUNITY AT AUCTION. N. P. Lies Estate, near Colwich, Tuesday, September 20, 10:30 a. m. Some of Kansas' finest land. Sells 80-acre tracts and up. W. H. Heldenbrand, Real Estate Auctioneer, 331 1/2 East Douglas Avenue, Wichita, Kansas. Write me about your estate.

LAND—MISSOURI

BUYING A FARM? INVEST NOW. WHETHER you're working and saving for the future, or looking for a safe place for your surplus, the purchase of a Federal Land Bank Farm assures you a sound investment. 160 acres, McDonald county, Missouri, 3 1/2 miles to Anderson; on a gravelled public road, 1 1/2 miles to Highway No. 44, 1 1/2 miles to school and church; R. F. D. telephone and high school bus; 4-room house, 3-room house, storage house; watered by wells; gray loam, lies medium rolling, all upland; 80 acres tillable, 60 acres pasture, 20 acres timber; about 35 acre orchard; \$2,700. 93 acres, Buchanan county, Missouri, 3 1/4 miles to Agency; on a public road, 2 1/2 miles to gravel farm-to-market road, 3/4 mile to school, 2 1/2 miles to church; R. F. D. and telephone available; 2-story house with basement, 2-room house, barn with shed, poultry house, shed, cellar house; watered by wells, cistern, spring, and Platte river; brown loam, lies medium rolling, all upland; 60 acres tillable, 30 acres pasture, 3 acres waste; \$6,000. We have farms in Missouri, Illinois and Arkansas. The above are typical. Terms as low as 1/4 cash, balance in a 5%, 20-year loan. No trades. Write, name the specific counties in which you are interested and a free list of farms will be sent you. The Federal Land Bank of St. Louis, St. Louis, Missouri.

LAND—MISCELLANEOUS

FEDERAL LAND BANK FARMS FOR SALE. We have farms and ranches in Kansas, Oklahoma, Colorado and New Mexico. Priced on actual value. Sold on convenient terms. Favorable interest rate. No trades. Tell what locality you are interested in and we will mail you farm description. Federal Land Bank of Wichita, Wichita, Kan.

GOOD FARMS AVAILABLE, WASHINGTON, Minnesota, Idaho, Western Montana, Oregon. Dependable crops, favorable climate. Write for material advice, literature and list of typical bargains. Specify state. J. W. Haw, 81 Northern Pacific Ry., St. Paul, Minn.

REAL ESTATE SERVICES

SELL YOUR PROPERTY QUICKLY FOR cash no matter where located. Particulars free. Real Estate Salesman Co., Dept. 510, Lincoln, Neb.

Now It's a Milk House

Some old lumber and an old brooder house were converted into a low-cost, but satisfactory and convenient dairy and milk-cooling barn on the Sam Leu farm, Jefferson county. The milking room is 18 by 24 feet, with concrete floor and mangers. It accommodates 7 cows, but Mr. Leu milks them in 3 shifts. He feeds grain and other concentrates in the barn during milking, and gives the herd roughage outside in an open bunk.

The milk room, made out of the old brooder house sits at the end of the milking room, and water is supplied from a windmill. There is a concrete cooling tank which holds 6 large milk cans. The milk is picked up and taken

to Kansas City every morning. Donald Leu, 7-year-old son of Mr. and Mrs. Leu, is a valuable farm hand. He has just learned to milk 2 of the cows to help with the job.

—KF—

Progress in Plowing

The American Society of Agricultural Engineers rates the plow 40 per cent more efficient than it was in 1914. Improvements have been made in the plow to cover stalks and weeds more effectively as a control for insects. More clearance between plow beam and other parts catching trash is provided. Better trash guides have been developed, and self-aligning disk jointers introduced.

Shed Saves Machinery

By HOMER HATCH, Gridley

Good machinery often rusts out instead of wearing out. I have noticed on many Kansas farms that one could tell by a little observation just where the farmer had finished "laying by" his corn, for on that last row at the end stood his cultivator. Perhaps over in the next field where he has finished harvest stands his binder or combine.

A good machine shed can be easily and cheaply constructed and is cheaper than new machinery. The ravages of rust soon take their toll. Combines and threshing machines not very many years old have been "junked" or traded for new ones because of parts rusting

or rotting out. Your binder may have just the shelter of a tree in the back yard. How are the rollers? Do you complain and sweat every harvest because the knottor won't work because of rust.

—KF—

All Join in Remodeling

Home improvement is taking place on the Yost farm, near Downs, where Mr. and Mrs. John Yost and their family are refinishing their walls with new paper, and installing a septic tank and sewage system. The entire family stepped in and helped with papering and painting, and skilled help was obtained for planning and installing the sewage system.

Capper Publications, Inc. Bonds

A prospectus issued by Capper Publications, Inc., offers the readers of Kansas Farmer the following:

—\$5,000,000.00—

- (1) First Mortgage 5½ Per Cent Bonds payable in ten years.
- (2) First Mortgage Five Per Cent Bonds payable in five years.
- (3) First Mortgage 4½ Per Cent Bonds payable in one year.
- (4) First Mortgage Four Per Cent Certificates payable in six months.

The bonds are issued in denominations of \$100, \$500 and \$1,000, and the certificates are issued in denominations of \$50, \$100 and \$500. The present sale price of any of these bonds or certificates is par without premium or other cost.

This announcement is neither an offer to sell, nor a solicitation of offers to buy any of these securities. The offering is made only by the prospectus, copies of which may be obtained by writing to Capper Publications, Inc., Topeka, Kansas. Such requests will be answered promptly.—Adv.

—KF—

Tires All Way Around

A large, 20-foot combine is used by Edward Slade, of Stafford to harvest 500 acres of wheat. Last year he took the tires from his 15-27 tractor which were rather old style and had also worn down considerably, and put them on his combine. Then he put heavy tread tires on his tractor. Formerly he had had to pull the combine with a 30-horse power crawler type tractor, and the fuel consumption for both tractor and combine had been 700 to 800 gallons. Last year he used only 375 gallons. Mr. Slade's combine is dismantled and housed when harvest is over, and the tractors are placed in the implement barn too.

—KF—

Grass Has Them

Young, tender grasses such as oats, wheat, rye, barley or sudan, supply an economical source of protein, minerals and vitamins. Vitamin A, the vitamin G complex and B4 are especially abundant in the succulent grasses. These promote rapid growth and normal health in young stock. The grasses reach their maximum nutritive value just before jointing. By frequent seeding, grasses at the proper stage can be made available for poultry in this desirable form thruout the growing season.

—KF—

WIBW Program Schedule

Two Weeks Beginning September 10
(Daily Except Sunday)

- 4:30 a. m.—Roy Faulkner
- 5:00 a. m.—Devotional Program
- 5:15 a. m.—Al Clauser's Oklahoma Outlaws
- 5:45 a. m.—Daily Capital News
- 6:00 a. m.—Ezra and Fay (M-W-F)
- 6:00 a. m.—Col. Combs and Ramblers (T-Th-Sat)
- 6:15 a. m.—Roy Faulkner
- 6:30 a. m.—Allis-Chalmers (T-Th-Sat)
- 6:30 a. m.—Opportunity Time (M-F)
- 6:30 a. m.—Henry and Jerome (W)
- 6:45 a. m.—Goodrich Silvertown Program (T-Th-Sat)

ANGUS CATTLE

Lafin Offers Angus Cattle
Choice ANGUS BULLS and FEMALES for sale.
L. E. LAFIN
Crab Orchard, Nebraska, Box-1

HEREFORD CATTLE

18 Herefords; Private Sale
Cows and calves, heifers, young bulls and herd sire. Popular breeding. Entire herd sells. Priced right. Inquire
Carl P. Hinn, Excelsior Springs, Mo.

POLLED HEREFORD CATTLE

SHIELDS OFFER POLLED HEREFORDS
We have for immediate sale a fine selection of young bulls. Also cows and some extra choice bred and open heifers. Priced reasonable for quick sale.
J. B. and O. J. Shields, Lost Springs, Kan.

HOLSTEIN CATTLE

Dressler's Record Bulls
From cows with records up to 1,013 lbs. fat. We have the highest producing herd in United States, averaging 625 lbs. fat.
H. A. DRESSLER, LEBO, KAN.

AUCTIONEERS AND SALES MANAGERS

BERT POWELL

AUCTIONEER
LIVE STOCK AND REAL ESTATE
715 Lincoln St. Topeka, Kan.

- 6:45 a. m.—Purina Mills Program (M-W-F)
- 7:00 a. m.—Agrol Corp. News (M-W-F)
- 7:00 a. m.—Daily Capital News (T-Th-Sat)
- 7:15 a. m.—Butternut Coffee Time
- 7:30 a. m.—Henry and Jerome
- 7:45 a. m.—Hymns of All Churches
- 7:45 a. m.—Betty Crocker (F)
- 8:00 a. m.—Unity School
- 8:15 a. m.—Myrt and Marge—Hilltop House
- 8:45 a. m.—Betty and Bob
- 9:00 a. m.—IGA Program (M-W-F)
- 9:00 a. m.—Al Clauser's Oklahoma Outlaws (T-Th-Sat)
- 9:15 a. m.—Scattergood Baines
- 10:30 a. m.—Protective Service
- 10:40 a. m.—Weather Bureau
- 10:45 a. m.—Judy and Jane
- 11:00 a. m.—Kitty Keene
- 11:15 a. m.—Grandma Travels
- 11:30 a. m.—Dinner Hour
- 12:00 p. m.—H. D. Lee News
- 12:15 p. m.—KANSAS FARMER MARKETS
- 12:25 p. m.—State Board of Agriculture
- 2:00 p. m.—Highway Patrol Bulletins
- 2:05 p. m.—Daily Capital News
- 2:15 p. m.—Harris-Goar's Street Reporter
- 2:20 p. m.—Kansas Roundup
- 3:15 p. m.—Vic and Sade
- 3:30 p. m.—The Gospel Singer
- 3:45 p. m.—Edmund Denney
- 3:45 p. m.—Fashion Frocks Program (T-Th)
- 4:00 p. m.—Ma Perkins
- 4:15 p. m.—Shepherd of the Hills (M-Th)
- 4:15 p. m.—Piano Ramblings (W)
- 4:15 p. m.—Cipher (T-F)
- 5:30 p. m.—Bar Nothing Ranch
- 9:00 p. m.—Sport Review
- 9:45 p. m.—Emahizer's Melodies (Except M-W-Sat)
- 10:00 p. m.—Daily Capital News
- 10:30-12:00—Dance Music

Highlights of the Week's Schedule

- Sunday, September 11 and September 18**
- 8:00 a. m.—Church of the Air
 - 8:30 a. m.—Wings Over Jordan
 - 9:00 a. m.—Reading the Capital Funnies
 - 9:30 a. m.—Major Bowes Capitol Family
 - 10:30 a. m.—Weather Reports
 - 10:32 a. m.—Salt Lake Choir and Organ
 - 11:00 a. m.—First Methodist Church
 - 12:00 p. m.—Daily Capital News
 - 12:15 p. m.—Elsa at the Organ
 - 12:30 p. m.—The Farmer Takes the Mike
 - 1:00 p. m.—Watch Tower Broadcast (Sept. 11)

- 1:00 p. m.—Everybody's Music (Sept. 18)
- 4:30 p. m.—The Laugh Liner
- 5:00 p. m.—Christian Science (Sept. 11)
- 5:15 p. m.—Daily Capital News
- 5:30 p. m.—The Hit Revue
- 6:00 p. m.—The World Dances
- 7:00 p. m.—Symphonic Orchestra
- 8:00 p. m.—Ford Sunday Evening Hour
- 9:00 p. m.—Sport Review
- 9:45 p. m.—Emahizer's Melodies
- 10:00 p. m.—Daily Capital News—Joe Nickell
- 10:15 p. m.—American Legion

Monday, September 12 and September 19

- 7:15 p. m.—The Crime Patrol (also 9:15 and 10:15)
- 7:30 p. m.—Hold the Press
- 8:00 p. m.—Wayne King's Orchestra
- 9:30 p. m.—Pick and Pat

Tuesday, September 13 and September 20

- 6:00 p. m.—Lever Bros. Hour. (Sept. 20)
- 7:30 p. m.—Camel Caravan
- 8:00 p. m.—K. P. & L. Program
- 8:15 p. m.—Pentecostal Tabernacle
- 9:15 p. m.—George McCall

Wednesday, September 14 and September 21

- 7:30 p. m.—Hold the Press
- 7:45 p. m.—Firestone—Voice of the Farm
- 8:00 p. m.—Prayer Meeting
- 9:30 p. m.—Paul Whiteman's Orchestra—Chesterfield

Thursday, September 15 and September 22

- 6:00 p. m.—Men Against Death
- 7:00 p. m.—Major Bowes
- 8:30 p. m.—Americans at Work
- 9:15 p. m.—George McCall

Friday, September 16 and September 23

- 6:00 p. m.—The First Nighter—Campana
- 6:30 p. m.—St. Louis Blues
- 7:00 p. m.—Hollywood Hotel—Campbell

Saturday, September 17 and September 24

- 5:30 p. m.—Columbia Workshop
- 6:00 p. m.—Saturday Night Swing Club
- 7:00 p. m.—Kansas Roundup
- 7:30 p. m.—Rhythm Rendezvous
- 8:00 p. m.—Your Hit Parade
- 8:45 p. m.—Del Casino, Songs

IN THE FIELD

Jesse R. Johnson
Topeka, Kansas



L. E. Kerns, of Wichita, offers a choice 3-year-old, Guernsey bull tested for TB and Bangs. He can be bought reasonable.

Clarence R. Rowe, of Scranton, writes to say the Poland China pigs have grown into hogs. Spring boars that go in his October 17 sale now weigh up to 250 pounds. He says they are the best he has ever offered in an auction.

J. M. Mills & Son, breeders of high record Jersey cattle, say results are very satisfactory so far as inquiry and sales are concerned. The firm sends change of copy and now offers last February bull calf, from high producing ancestors.

The Arkansas Holstein Breeders announce a sale of Holsteins to be held at Newton, Kan., October 21. There are a number of very high class herds in this section of the state and an unusually good offering will be selected for this sale.

O. W. Shrader, of Enterprise, has bred registered Durocs for 25 years. He lives on the farm where his grandfather located in 1868. Mr. Shrader says corn is not very good in his locality, and as a result home demand for hogs is rather slow.

Jesse Riffel and the boys of Enterprise exhibited the Polled Herefords at the big Belleville

Free Fair and won 15 first places and 2 grand championships, this in competition with horned Herefords. The herd will be exhibited at the Topeka and Hutchinson fairs.

Windmoor Farm, Edna, have an attractive offer in this issue of Kansas Farmer concerning an exceptionally high class, richly bred, heavy production Jersey bull ready for active service. Write for more information, or visit this good breeding establishment.

George Gammell, Poland China breeder of Council Grove, is making ready to exhibit his hogs at Topeka and Hutchinson fairs. Mr. Gammell writes that he plans to have stock to fill all classes at each fair and invites the public to see representatives of his good herd. He will hold a sale October 12. Later announcement will appear in Kansas Farmer.

U. S. highways 24 and 40 west of Topeka in the vicinity of Silver Lake should be full of cars Saturday, September 24. That is the date of the Ben Hook & Son Duroc sale. Forty-five head of good ones sell that day. All immuned and in fine breeding form. The sale will be held at the Fair Grounds in Silver Lake under cover. The catalog tells the story of breeding. It is free for the asking, write for it.

For the last 3 years Carl P. Hinn has been building up a good herd of Herefords at Eastwood Farm, just east of Excelsior Springs, Mo. At the present time the herd numbers 18 head of purebred Herefords. Due to a change in the farming program dairy cattle will replace the beef breed. The herd is now for sale at attractive prices and the breeding is Domino and Hazlett families.

The Sun Farms and the Fees Paramount Dairy, both of Parsons, and both Guernsey breeding establishments of the highest quality have arranged to carry a card jointly in Kansas Farmer by the year. By this arrangement readers of Kansas Farmer can know that it will be possible to buy bulls of different ages at all times, also females of quality. Bulls will be offered only from dams with heavy production.

W. H. Riddell, Secretary of the Kansas Ayrshire Club, says the club has selected 45 head of extra choice cattle for the October 22 sale to be held on the Fair Grounds at Hutchinson. Mr. Riddell says this will be a good place for buyers with 15 fine young cows now fresh and 9 or 10 3-year-old heifers, most of them now in milk or due for early fall freshening. More about these good sales will appear in later issues of Kansas Farmer.

P. L. Fickel, of Chanute, announces a dispersion sale of his entire herd of registered Jersey cattle to be held on November 7. One or two other breeders are consigning to the sale. The entire offering will be related to the noted bull, Luna Light's Sultan, one of the best known sires of the state. He was owned and used in the Kansas State College herd at Manhattan the last years of his life. More about this sale will appear in later issues of Kansas Farmer.

Secretary C. T. Conklin, of the National Ayrshire Breeders Association, reports that a general average of \$225.62 a head has been made in the auction sales held during the past 8 months. Five-hundred-forty-two head went thru the ring in sales held in different parts of the United States. Of the number, 66 were open heifers and 79 heifer calves. Both groups together averaged almost \$200 a head, which indicates the rapidly increasing popularity of Ayrshire cattle.

For seven years in succession a Shorthorn bull shown by E. C. Lacy & Sons, of Miltonvale, has been made grand champion Shorthorn bull of the Belleville Fair. For 2 years their great red Gregg's farm bull won and ever since one of his sons. The winner this year was a full brother to last season's winner, the bull that later topped the Wichita sale at \$280 and now heads the good Tasker herd at Delphos. This year's champion together with a lot of his brothers and sisters will go in the Lacy sale to be held November 4.

Cecil Dodge and his son breed registered O. I. C. hogs on the farm in Kingman county, about 14 miles southwest of Kingman. They get mail on a Penelope rural route. The Dodge family have kept and bred O. I. C. hogs since the breed improvement began many years ago. Mr. Cecil Dodge has a herd of about 50 high grade Hereford cows on his farm, grows 500 acres of wheat and practices a system of rotation farming. He belongs to the accounting system supervised by Kansas College and says it helps a lot.

H. A. Rogers, Atwood, manager for the Rawlins County Hereford Breeders' Association, authorizes us to claim October 22 for the first annual sale of the association. The sale will be held at Bird City in the new sales pavilion. R. L. Cathcart and H. A. Jennings, of Blakeman, H. G. Rueber and H. A. Rogers, of Atwood, will sell 60 lots. The offering is composed of mostly females while a few young bulls of serviceable age will be added. The breeding is strong in Domino bloodlines, being Onward Domino, Byron Domino and Stanway Domino breeding.

J. V. Nauerth, veteran Holstein breeder of Manhattan, will make a dispersion sale of his cattle on Thursday, October 13. The sale will be held on the farm near Riley and Keats. About



Third Annual Southeast Kansas GUERNSEY CATTLE SALE Parsons, Kan., Thursday, Sept. 29

Beginning at Noon—Consignors From Four States
55 Head Registered Females, including 20 cows, many with official records; 18 bred heifers, near freshening; 17 heifer calves. Most of bred heifers and calves have records on dams, 8 bulls out of the finest bloodlines in the Middle West. All Tb. and abortion free.

CONSIGNORS INCLUDE: Gayoso Farms, Horn Lake, Miss.; Tom Cooper and Mort Woods, Ardmore, Okla.; Gaylord Farm and Meadow Lodge Farm, Oklahoma City; Jerry Owen, Enid, Okla.; St. Albans Farms, Becker, Mo.; Sunnyside Farm, Bismarck, Mo.; JoMar Farms, Salina, Kan.; Meadow Lark Farm, Durham; E. E. Germain, Bern; Ransom Farm, Homewood; C. D. Gibson, Thayer; G. W. Sapp & Son, McCune; Carl Schoenhof, Walnut; Fees Paramount Dairy and Sun Farms, Parsons.

For catalog address Southeast Kansas Guernsey Breeders' Assn., Lester Combs, Secretary, Parsons, Kan. Boyd Newcom and Ed Herif, Auctioneers
Jesse R. Johnson, Fieldman

AYRSHIRE CATTLE

Locust Lea Ayrshire Farm

7 Mi. Southeast of Effingham, Kan.

SYCAMORE PRANCER (son of the proven bull PENHURST ADVANCE) in service. Herd on D.H.I.A. test since 1920. 2-ton but-terfat cows in the herd. See our exhibits in the Eastern Kansas Ayrshire herd, at TOPEKA and HUTCHINSON. Also consignments to the State sale, Hutchinson, Kan., Saturday, October 22.

JOHN C. KEAS
Effingham, Kan.

SHORTHORN CATTLE

REG. SHORTHORNS— PRIVATE SALE

10 outstanding good bull calves and 10 heifers, by SNI-A-BAR SIGNET. 5 cows soon to calve from service to him, 5 heifers bred to him and one red coming 2-year-old bull. Herd under Federal supervision for abortion for about five years, passed several clean tests. Will save buyer public sale expenses.
S. B. AMCOATS, CLAY CENTER, KAN.

POLLED SHORTHORN CATTLE

POLLED SHORTHORNS

BANBURY & SONS
Phone 2807
22 Miles West and 6 South of Hutchinson

Polled Shorthorn Bull

for sale—choice individual, one year old, and a nice dark red color.
JOHN A. LOHRENTZ, MOUND RIDGE, KAN.

MILKING SHORTHORN CATTLE

MILKING SHORTHORNS, Private Sale
Bulls and heifers for sale out of D. H. I. A. record OTIS Chieftain-Highland Signet 4th cows, also fresh cows. L. H. Strickler, Hutchinson, Kan.

DAIRY COWS

DAIRY COWS AND HEIFERS

Mostly Jerseys; a few Guernseys, Holsteins and colored cows. Strictly choice high grades, young and sound, to freshen this fall; 50 to 100 to select from. Tb. and abortion tested. Phone 104E2, wire or write. Bank references.
Claude Thornton, R. 2, Springfield, Mo.

GUERNSEY CATTLE

Conklin's Reduction Guernsey Sale

Date of Sale

Monday, Oct. 10

50 HEAD—10 head now in milk, 20 to freshen later, 10 open heifers—7 heifer calves—3 reg. bulls ready for service. All females purebred (but not eligible to record). Tb. and abortion free—see next issue of Kansas Farmer.

Write for catalog to

T. R. CONKLIN, M. D., owner
Abilene, Kan.

High Record Guernsey Bull

Good individual, 3 years old. Tb. and Bangs tested. Priced reasonable for quick sale.
L. E. KERNS, R. 8, Box 727, WICHITA, KAN.

Buy Guernseys—Now

Guernsey bulls out of cows with records up to 700 lbs. A few reg. and grade females. Write Fees Paramount Dairy or The Sun Farms, Parsons, Kan.

DAIRY COWS

Another Special Sale

50 Head of High Producing Milk Cows at Brookings Farm, 4545 South Broadway, Highway No. 81, Wichita, Kan., on

Wednesday, Sept. 28

To start at 1 p. m., the following: 50 head of cows consisting of Holsteins and mixed colored cows. All just fresh or close to freshening. Good ages. All T. B. and blood tested. Terms cash.

BROOKINGS FARM, Owner
Boyd Newcom, and Cole, Auctioneers

JERSEY CATTLE

Jersey Cattle Sale

Where **QUALITY** Reigns Supreme

I have been instructed to sell without reserve the entire herd of 40 head Registered Jerseys, owned by Dr. John A. Parker, at Parkview Farm, Wolcott, Kan., on

THURSDAY, SEPT. 15

The offering represents 30 years of constructive breeding including only the "tops" and of such rare quality and uniformity as to attract the most careful buyer. All together a herd of the richest blood lines such as the celebrated Majesty and Raleigh families. For catalog, write

B. C. Settles, Sales Manager, Palmyra, Mo.

Ready for Service

Dropped March 31, 1937; out of a Silver Medal, State Class Champion dam and by a proven sire with an index of 689 lbs. fat. A nice individual, well grown, T. B. and Bang's free, registered, transferred and guaranteed a breeder, \$175.00 at the farm.

WINDMOOR FARM, EDNA, KAN.
"The Owl's Nest of the Middle West"

In 19 of the 105

Kansas Counties, Rotherbred blood is enriching Jersey herds!

Rotherwood Jerseys, Hutchinson, Kan.
A. Lewis Oswald

25 Jerseys — Private Sale

Several Young Cows to Freshen Soon. Good type, good producers. Young Bulls, from small calves to yearlings. We are offering good individuals out of high producing dams. Everything reg., T. B. and Bang's free. Are priced to sell. Inquire of Ernest Meek, R. 5, St. Joseph, Mo.

Bull Calf Dropped Feb. 9, 1938

Sire—Treasure Longview 349308—a son of Silver Medal Belknap's Dairylike Majesty Dam—Tranquility Oxford Rose, record on twice a day milking in 335 days—7,950 lbs. milk, 392.7 lbs. fat. A real calf at a reasonable price. J. M. Mills & Son, R. 3, Olathe, Kan.

Our Proven Jersey Bull

Whiteway Sport, by Exenia Sporting Volunteer and out of a 721-lb. daughter of Whiteway Prince is for sale. Keeping his daughters; pricing him right. John A. Bowyer, Manchester, Kan.

HAMPSHIRE HOGS

Quigley Hampshire Farm

Offering a few young sows bred to Major League and Keynote. Some outstanding early spring boars. **QUIGLEY HAMPSHIRE FARMS, Williamstown, Kan.** Mail address: St. Marys, Kan.

Hampshire Spring Boars

A good bunch to pick from. That good-boned, square-backed, easy feeding kind. Sired by Pershing Clan, a son of Smooth Clan, 1937 Grand Champion of Indiana, Ohio and Wisconsin State Fairs. C. E. McClure, Republic, Kan.

20 Hampshire Bred Sows

and gilts, 20 spring boars by 3 outstanding herd sires. Double immune. Shipped on approval. **KENNEDY BROS., PLEASANTON, KAN.**

Livestock Advertising Copy

Should Be Addressed to

Kansas Farmer

Livestock Advertising Dept.,

Topeka, Kansas

Kansas Farmer is published every other week on Saturday and copy must be mailed to reach the Kansas Farmer office not later than one week in advance of publication date.

Because we maintain a livestock advertising department and because of our very low livestock advertising rate we do not carry livestock advertising on our Farmers' Market page.

If you have pure bred livestock for sale write us for our special low livestock advertising rate. If you are planning a public sale write us immediately for our

SPECIAL PUBLIC SALE SERVICE

KANSAS FARMER
Topeka, Kansas

Jesse R. Johnson, Manager,
Livestock Advertising Department

25 head of good Holsteins will be sold, all registered or eligible to register. About 15 head will be in milk or near freshening. The herd bull also will be sold. The herd was on D. H. I. A. test for several years, the present herd came from cows with records. Everything will be tested for T. B. and abortion and milk and fat records will be given sale day. For further information write Mr. Nauerth, Manhattan, Kan. Route 1.

John A. Bowyer, Jersey cattle breeder of Manchester, has a proved sire that he cannot use any longer to advantage in his herd due to the fact that he is keeping so many of his daughters. This bull was sired by Exenia Sporting Volunteer and his dam is the greatest producing daughter of Whiteway Prince. She has a record of over 700 pounds of fat. Mr. Bowyer's present herd bull was grand champion of the recent Belleville show. He is a son of Kohaka Volunteer and his dam was a daughter of the great breeding bull Luna Lights Sultan, used in the State College herd. The Bowyer herd has been high 5 times during the last year.

Durocs with too much daylight under them no longer appeals to the farmer. The demand for shorter legged, thicker and better feeders has been growing rapidly. Clarence Miller has sensed the need of such a hog and has taken care of the home demand for several years. His neighbors told their neighbors and the buying circle grew until now the Miller kind of Durocs is in great demand. On Thursday, October 13, Mr. Miller will sell about 40 spring boars and gilts, the tops from his entire spring crop. A more complete announcement will appear in next issue of Kansas Farmer but applications for catalog may be filed anytime. His address is Alma, Kansas.

It was a great day in the career of Lawrence H. Strickler, of Hutchinson, when he bought from his uncle, Dave Shuler, the Milking Shorthorn bull, Roan Otis. He was without doubt the best bull ever sired by Otis Chieftain and his dam Roan Duchess was one of the heaviest producing Shorthorn cows ever owned in the state at that time. The Strickler herd now is composed largely of cows related to this great bull. Later on he purchased the Glenside bull, Highland Signet 4th, and this cross produced as fine quality, together with heavy production, found in any herd. The herd now is on test and making very satisfactory records. The deep red bull, Walgrove Lewis, whose 9 nearest dams produced 529 pounds of fat, now is heading the herd.

Mr. and Mrs. John C. Keas have named their farm located 7 miles southeast of Effingham, Locust Lea Ayrshire Farm. To this farm they moved their present herd last spring, together with the good breeding sire, Sycamore Prancer, a great son of the noted proved bull Penhurst Advancer. The dam of Sycamore Prancer was a Record of Merit cow with over 400 pounds of fat. The Keas herd has been on continuous test under D. H. I. A. for over 5 years and 2 cows in the herd already have produced over a ton of butterfat each during their lifetime. Mr. Keas has charge of the Eastern District show herd with several of his own cattle in the show. One of his cows was made grand champion of the Belleville Fair and she will be sold in the annual Ayrshire state sale to be held at Hutchinson, Saturday, October 22.

Dr. W. H. Mott writes that he has sold Maplewood Farm and will make a dispersion sale of his Holstein cattle on October 28. The Mott herd is one of the oldest and best known herds in the state and now numbers about 80 head. Forty cows and heifers are in production along with a lot of heavy springers. The herd has been on dairy herd improvement for nearly 20 years and the best possible production sires always have been used. All of the younger stock is rich in the blood of Sir Inka May, one of the greatest of Carnation Farms sires. The herd is free from T. B., abortion and mastitis. Business connected with The Herington Farm Loan Association, with a business of 2 1/2 million dollars, together with the public Holstein sales management, makes it impossible to give the herd the attention it deserves, so the sale has been decided upon.

The Dr. Conklin Guernsey sale to be held under cover at the Fair Grounds, Monday, October 10, will afford an unusual opportunity for readers who are in the market for choice Guernsey cattle. Every animal in the sale is absolutely purebred but they cannot be recorded. In fact, the sire of the entire offering of 50 head was a bull whose sire and dam were both imported. Everyone old enough or in milk long enough has a record made by the cow testing association. The herd has been on test for over 5 years with annual herd averages up to 350 pounds. Over half of the offering will be in milk sale day or bred to freshen in the early fall. Dr. Conklin is selling off the larger part of his cattle that cannot be recorded but keeping his entire herd of registered cattle. The offering includes 3 good young bulls that are registered. The breeding list gives all information, write for it.

Lester Combs, secretary of the Southeast Kansas Guernsey Cattle Club, has without doubt succeeded in assembling the greatest lot of high class, high record Guernsey cattle for the September 29 sale that has ever gone into any one sale in Kansas or Missouri. The list of consignors—18 in all—include some of the best known breeders in America, the Middle West at least. Among them is Gayoso Farms at Horn Lake, Miss. Several of the best consignments come from leading herds in Kansas, Oklahoma and Missouri. Thursday, September 29, will be a big day at Parsons. The occasion will add new life and interest to the dairy business in the 3 states that are nearest to that thriving city. No animal of doubtful quality or health has been accepted for the sale. Any reader of this item, in the market for stock good enough to found a new herd or improve one already established, will find it to his advantage to be on the seats when the sale starts. For catalog write Lester Combs, Parsons, Kan., and mention this paper.

A. L. Wiswell & Son, of Olathe, announce a reduction sale of registered Poland Chinas to be held on their farm near town on Monday, October 3. The Wiswell family have bred registered Poland Chinas for 50 years and always have specialized in the big, strong-backed kind with plenty of feeding quality. The father and son own their herds separately, but use the same herd boars. In this way it is always possible to get together a better lot than it would be if only one herd was to be drawn upon for the sale offering. Then the opportunity to secure boars and gilts not related is another advantage. Much of the offering was sired by a son of the grand champion boar, Top Row, others by Diamond King, a boar close up in breeding to Mischief Mixer, said to be one of the greatest breeding

KANSAS FARMER

Publication Dates, 1938

September 10-24
October 8-22
November 6-19
December 3-17-31

Advertising

To insure being run in any issue, copy should be in our office one week in advance of any date given above.

sires of his day. The dams of the offering have lots of quality and none are better bred. The Wiswell family always have the best in herd boars. No finer selection of spring boars and gilts will be sold this fall. Write any time for a catalog to A. L. Wiswell & Son, Olathe.

The announcement that W. F. Rhinehart, of Dodge City, will disperse his great herd of registered, high producing and show cattle comes with something of surprise. But Mr. Rhinehart finds that conditions over which he has no control makes the absolute dispersion necessary. The date selected is Saturday, October 15, and the sale will be held on the farm, a few miles west of town on U. S. Highway 50, starting right after dinner. Mr. Rhinehart has spent large sums of money and traveled extensively in selecting the foundation and maintaining this herd and those who attend will realize that no such herd has ever been dispersed in this, or probably any adjoining state. A great selection of the choicest breeding with records to match. Bulls ready for service and calves suited to head any herd will be sold. The great bull, Northwood Don 4th, would be an attraction in any sale in America, but the real attractions will be the great line of males and females he has sired. The cattle have size and quality and are good enough to win in the best shows. The grand champion cow of Kansas shown by Mr. Rhinehart sells along with 27 others, all bred, and half or more will be fresh sale day.

The Shorthorn Breeders of Southern Kansas and northern Oklahoma gathered at the E. L. Stunkel Farm near Peck recently for the 4th annual picnic. Shorthorn breeders of Sedgwick county brought in the prospective county show herd that is to be shown at the state fairs. Breeders whose herds were represented were E. L. Stunkel and Son, W. A. Young and Son, Dave and Rae Reusser, and Mr. Orr. A few additional cattle also were brought in for display. The picnic was held at Big Chief Camp on the banks of the Ninnescah. The cattle had been made comfortable under the big trees where the judging contest also was staged. Prof. A. D. Weber and James Tomson acted as official judges. Mrs. W. A. Young was winner in the women's division and high point individual for the whole contest. Mr. Wenrich, recently graduated from Kansas State College, was winner in the men's division, and Arthur Young and Rae Reusser tied for first in the 4-H division.

At noon the Breeders and their families joined in a hearty basket dinner. This dinner was followed by a program at which Mr. Stunkel, president of the association, presided. The Sunshine Orchestra, consisting of Sedgwick county Farm Bureau women, rendered several fine selections. Will J. Miller, state livestock sanitary commissioner, gave a talk on the work that falls under his jurisdiction. Victor Murdock, of Wichita, addressed the crowd with a very interesting talk. Another feature of the program was a young artist, a 10-year-old girl, on the xylophone and also on the accordion.

After the program Mr. Stunkel took the crowd to see the breeding herd. Visitors were shown a great lot of cows with calves at foot. Visitors enjoyed the hospitality of Mr. and Mrs. Stunkel. W. A. Atchison, assistant secretary of the State Board of Agriculture, was one of the visitors introduced. Prof. H. J. Gramlich, new secretary of the American Shorthorn Breeders association, sent greetings to this association picnic.

—KF—

Public Sales of Livestock

Ayrshire Cattle

Oct. 22—Kansas State Ayrshire sale, Hutchinson. Fred Williams, chairman sale committee.

Guernsey Cattle

Sept. 29—Southeast Kansas Guernsey Breeders Association, Parsons.
Oct. 10—Dr. T. R. Conklin, Abilene.

Holstein Cattle

Oct. 13—J. V. Nauerth, Manhattan.
Oct. 14—Holstein Breeders of South Central Kansas and Harper County Farm Bureau, at Fair Grounds, Harper.
Oct. 21—Arkansas Valley Holstein Breeders' sale, Newton. W. H. Mott, Herrington, Sale Manager.
Oct. 25—Dr. H. E. Yazel, Dispersion and Breeders sale, Tonganoxie. W. H. Mott, Sale Manager.
Oct. 28—Dr. W. H. Mott, Herrington, (Dispersion).
Oct. 28—Maplewood Farm, Dr. W. H. Mott, Herrington, Sale Manager.

Shorthorn Cattle

Nov. 2—Southern Kansas Shorthorn Breeders' Sale, Wichita, Kan. Hans E. Regier, White-water, secretary and sale manager.
Nov. 4—E. C. Lacy & Sons, Miltonvale.
Nov. 5—Thomson Brothers, Wakarusa.

Milking Shorthorns

Oct. 15—W. F. Rhinehart, (Dispersion) Dodge City.

Jersey Cattle

Sept. 15—Dr. John A. Parker, Wolcott, Kan. (B. C. Settles, sale manager, Palmyra, Mo.)
Nov. 7—P. K. Fickel, Chanute.

Hereford Cattle

Oct. 10—CK Ranch, Brookville.
Oct. 22—Rawlins County Hereford Breeders, Bird City. H. A. Rogers, Atwood.

Poland China Hogs

Oct. 3—A. L. Wiswell & Son, Olathe.
Oct. 17—Clarence Rowe, Scranton.
Oct. 12—Geo. Gammell, Council Grove.
Oct. 21—Bauer Bros., Gladstone, Neb.

Duroc Hogs

Oct. 4—W. R. Huston, Americus.
Oct. 13—Clarence Miller, Alma.
Sept. 24—B. M. Hook, Silver Lake.

Fair Dates

September 11-17—Kansas Free Fair, Topeka.
September 17-23—Kansas State Fair, Hutchinson.

DUROC HOGS

Huston's Big Sale of Duroc Hogs

5 Miles North of Americus, Lyon County, Kansas, on Surfaced Highway to Farm

Tuesday, October 4

SALE TO START AT 1:00 P. M.

80 Head all immunized against cholera by Reg. V. S.
30 Bred Sows and Gilts. Part with pigs by side, balance to farrow this fall.
20 Good Spring Gilts.
30 Outstanding Spring 1938 and 1937 Fall Boars.

These have been selected out of one hundred eighty-seven pigs (187), by far the best we ever raised. They are sired by "Thickset 21545," "Model Paibicader 17469," "Broadcloth 5765," "Monarch 5775," "Defender 300725," "Gold Digger 7987," "North Star 299459" and others. Not even in a dispersion sale could one find such a variety of high quality breeding stock.

A golden opportunity to restock and improve your farm hogs with superior seed stock. Over one-third of a century of study and selective matings have enabled us to develop a heavy boned, shorter legged, easier feeding, fancy, medium type Duroc that fattens at any age and pulls down heavy on the scales. We guarantee you will not be disappointed in our offering. They are different from all others. Farmers buy the bulk of our Durocs, so do not let anything prevent your attendance at this sale as we do not expect fancy prices.

Lunch served by Church Ladies. Sale under cover. For catalog, write

W. R. Huston, Americus, Kan.

Col. Bert Powell, Auctioneer—Jesse R. Johnson, representing Capper Publications, Inc.

Hook & Sons' Outstanding Duroc Sale

On Highway 40 and 24 U. S.

Sale Barn in

Silver Lake, Kan.

Saturday, Sept. 24

45 head—Spring boars and gilts. One fall boar and one bred gilt, sired by **SUNBEAM PATTERN** (splendid show and breeding boar and a grandson of **WAVEMASTER STILTS**) others by **TIMES GAZETTE** (a mammoth grandson of **NEW ERA**) few by the World's champion **STREAMLINE**, out of dams by outstanding boars of the breed. All first class individuals. Well developed and in the pink of condition. Suited for foundation or replacement. Write for catalog. Send bids to auctioneer or fieldman in our care.

B. M. HOOK & SONS

Silver Lake, Kan.

Guy Pettit, Auctioneer
Jesse R. Johnson, Fieldman

Durocs of Royal Blood

33 sires a breeder of heavy boned, shorter legged, easier feeding, medium type. Bred Gilts, Sows, Boars, all ages for sale, 300 in herd. Immured. Registered. Shipped on approval. Come or write me your needs. Catalog.

W. R. HUSTON, AMERICUS, KAN.

Duroc Boars, Immured, Reg.

March farrow and thrifty. "New Era and the best breeding." Priced to sell—\$20 to \$25—If taken soon.

O. W. Shrader, Box 224, Enterprise, Kan.

Attention! Farmers & Breeders

Keep in mind our Duroc sale October 13. Offering 40 head fancy spring boars and gilts. Featuring the short legged, extra heavy bodied, easy fattening kind. Don't miss this opportunity to improve your herd or get started with a profitable type. Clarence F. Miller, Alma, Kan.

POLAND CHINA HOGS

Rowe's Coming Poland Sale

Monday, Oct. 17

Best lot of **BIG MEATY, STRONG BACKED, FEEDING QUALITY** boars we ever have had for an auction. Gilts just as good. Boars weigh up to 250. Come to the sale. Write now for catalog.

CLARENCE R. ROWE

Scranton, Kan.

BETTER FEEDING POLANDS

March and April boars out of litters of 7 to 10 pigs to litter of the kind that are ready for market at any age.

F. E. WITTUM & SON, CALDWELL, KAN.

O. I. C. HOGS

Dodge Offers Breeding Stock

Best strains of O. I. C. Chester Whites. Boars, bred and open gilts and weanling pigs. Farmers' prices, buy now. Cecil Dodge, Penasosa, Kan.

SHEEP

Reg. Hampshire Sheep

30 big rugged well grown Reg. Hampshire Rams, also Reg. Ewes, representing more general champion blood than any flock in Kansas. E. E. Bailey, (10 mi. S. E.) Scranton, Kan.



The Tank Truck

News from your Conoco Agent about Farm Fuels and Lubricants



This is a picture taken last January of Howard Foster and the three pieces of equipment he tells about below.

Frank Boyer, hustling off there at the left, has a good tip for farmers who want to get extra years of use out of their tractors.



How Long Should a Tractor Last?

A tractor kept always in good condition should last almost forever. But having only half enough hands and a third enough time for other things, most farmers simply can't keep their tractors in 100% running trim all the time.

But letters coming in show that farmers in growing numbers really have found something that adds years to the life of their tractors. This life-preserver is Conoco Germ Processed oil, the only oil that OIL-PLATES engines. And how OIL-PLATING lasts! The following letter from W. L. Dietz of Dodge City, Kansas, is typical of many we receive, telling how Germ Processed oil keeps engines young.

"I have used Germ Processed oil exclusively for seven years," writes Mr. Dietz, "I use it in my Case Model L and Oliver-Hart-Parr tractors, Hudson Eight car, Chevrolet truck and also in my Westinghouse light plant.

Dramatic Proof

"It has always been my belief that Germ Processed oil is the best oil made—and a recent experience I had backs that belief up. After using my Case 4½ years for farming 700 acres of wheat land two or three times each season, I took the motor down. I didn't even have to remove one shim from the connecting-rod bearings."

Other letters tell how repair costs almost vanish when you use Germ Processed oil, and also how it's cheaper to use because it lasts so much longer. Most

farmers report they get a lot more hours, too—some as much as 100 hours per fill.

"During seven years using Germ Processed oil," says Frank Boyer, Olathe, Colorado, "I rarely have had to add oil between drains. In fact, this oil has given me such satisfactory results that I wouldn't think of using any other in my new tractor."

Says Howard Foster, Oskaloosa, Iowa, "I have used Germ Processed oil for three years in my Allis-Chalmers tractor, school bus and car. It is the best and most economical oil I ever tried."

In other words, Germ Processed oil saves money three ways: (1) By giving more hours of service and cutting down the need for make-up oil; (2) By cutting repair costs to the bone; (3) By increasing the life of equipment.

OIL-PLATING is the reason why Germ Processed oil does all this. You see, in addition to its regular triple-tough oil film, Germ Processed oil has another quality that encases working parts in a protective plating which doesn't drain down or frizzle away. This lasting guardian is OIL-PLATING—and it's created only through patented Conoco Germ Processing.

Keep your engine OIL-PLATED and you're giving it the best wear-proofing an engine ever had. Your Conoco Agent can supply you with Germ Processed oil in barrels, handy 5-gallon buckets, and dustproof 5-quart and 1-quart containers. Also with Conoco Bronz-z-z-z Gasoline, Conoco Tractor Fuels, and Conoco Greases.

BRONZ-Z-Z-Z WINS TRUCK MILEAGE TEST

How far will a Ford V8 go on a half-gallon of gas? To find the answer to this question the Urner Motor Service, Ford agency of Nevada, Missouri, announced a test—open to all Ford V8 owners.

Before the start, each car had its carburetor and fuel tank drained. Then a half-gallon tank filled with gasoline was attached to its fuel pump.

A Ford representative was sent along with each driver to make sure the engine was kept running throughout the test, and that the clutch was not slipped.

Top honors in the commercial class went to T. B. Beisley, Conoco Agent at Nevada. Mr. Beisley drove 10.3 miles with a load of 300 gallons of gasoline at the rate of thirty miles an hour. And the fuel he did it with was Conoco Bronz-z-z-z Gasoline.

Making The Most Out of Whitewash

While not a perfect substitute for oil paint in all cases, whitewash is often a more practical and economical means of improving the life, looks and sanitation of farm buildings.

When poor results are obtained, they are usually due to a faulty knowledge of the two general kinds of whitewash and how to make them.

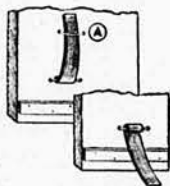
Common whitewash, which can be made for about five cents a gallon, is satisfactory for rough interiors such as chicken houses and dairies. What it lacks in durability is offset by the fact that such places should be whitewashed frequently anyhow, for sanitary reasons.

A far superior formula, calling for casein or milk powder, tri-sodium-phosphate and whiting, can be obtained at any good paint store. This mixture which will cost in the neighborhood of fifty cents a gallon, is excellent for outdoor jobs such as fences, barns and sheds, and for interiors where a lasting finish is desired.

A gallon of whitewash should cover about 225 square feet of wood surface or about 175 square feet of brick, depending on the porosity of the surface. For a durable job, clean off dirt, grease and scales and moisten the surface before applying the whitewash ... and do the job on a clear, dry day.

THAT'S AN IDEA

Do you know some handier way of doing things around a farm? Write your ideas to The Tank Truck, care of this paper. We will pay \$1 for each idea we publish.



GARAGE DOOR STOP

The broken leaf from a car spring makes a sure-fire door stop for even the heaviest garage or barn doors if fastened as shown in the drawing. The wire loop (A) slips down over the leaf to keep it out of the way when not in use. The door should be opened all the way back before the leaf is dropped. G. B., Iowa Falls, Iowa.

To make a snap for a light chain, take a large cotter pin. Cut one end $\frac{3}{8}$ of an inch shorter than the other, spread wide apart, and bend the long end around so it curves tight against the short end. Tommy Heldermon, Hinton, Okla.

ALWAYS AT YOUR SERVICE

Your Conoco Agent

CONOCO MOTOR FUELS
CONOCO MOTOR OILS
CONOCO GREASES

