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# Kansas Farmer

CONTINUING MAIL & BREEZE

MAY 1, 1948



These Are Busy Days for Holstein Breeders

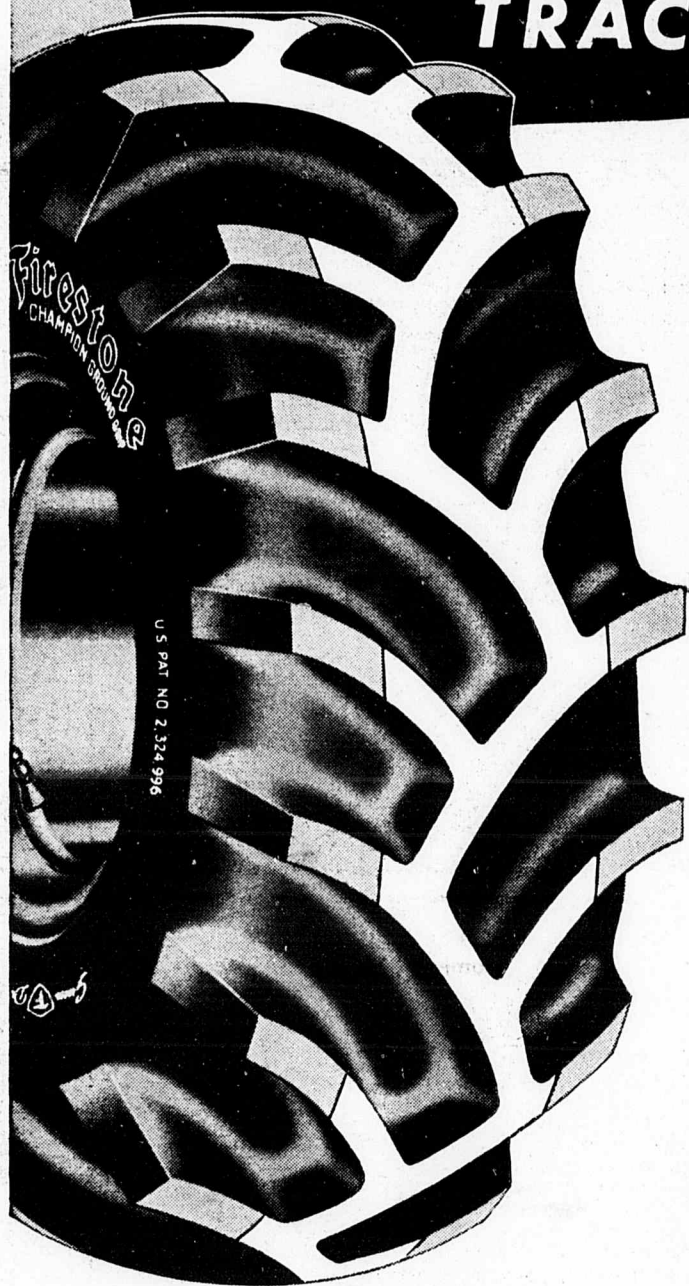


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**The Champion Ground Grip Outpulls Because . . .** The tread bars are higher — up to 24% higher to take a deeper, firmer bite. Of course, higher

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**The Champion Ground Grip Outpulls Because . . .** The traction bars are higher at the shoulders for reserve pulling power, especially in soft ground where it needs the extra pulling power of an extra bite.

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LET THE TEST TELL THE TRUTH

## The Cover Story

THESE are busy days for the Holstein-Friesian breeders of Kansas. Along with preparations for district and state shows and sales, they have been getting ready for the big annual convention of the Holstein-Friesian Association of America, to be held in Kansas City, Mo., June 1 and 2.

This national convention is being sponsored by Kansas and Missouri breeders. The program for the convention will include nationally-known speakers, several conducted tours, the annual banquet, and a big consignment sale.

Shown on the cover of Kansas Farmer, in connection with Holstein-Friesian activities, is one of the outstanding young Holstein enthusiasts of Kansas. He is Kenneth DeWerff, of Ellinwood, in Barton county. Sharing the spotlight with Kenneth is a promising young bull, Regier HRW Supreme, a son of HRW Homestead Pontiac Triune and Regier Tritomia Fannie.

### Champion at State Fair

The sire of this bull has been declared grand champion Holstein bull at the Kansas State Fair, Hutchinson, for the last 3 years. HRW Supreme, owned by Chester DeWerff and his 3 sons, Kenneth, Vernon and Neil, is doing all right, too. As a bull calf he won reserve junior championship at the State Fair last year. He will be shown in district and state shows this year as a senior yearling, and the DeWerffs hope he will be an all-state bull in his class.

Kenneth has been doing outstanding dairy work as a member of the Comanche Lucky 4's 4-H Club. He was judged champion Holstein exhibitor at last year's Barton county 4-H Club Fair, has won the county dairy showmanship contest 4 straight years, and won a blue ribbon in showmanship at the Kansas State Fair last year. His heifer calf also won her class at the state 4-H Club show at the fair.

### All Picked Holsteins

Out of 24 members in the Comanche Lucky 4's 4-H Club, 10 are enrolled in dairy projects and all of them have chosen the Holstein breed. Few clubs equal this record for dairy activities.

These project members represent 5 families in the community and are as follows: Kenneth, Vernon and Neil DeWerff, all sons of Mr. and Mrs. Chester DeWerff; Carol and Lloyd DeWerff, children of Mr. and Mrs. Harold DeWerff; Frederick and Marvin Koch, sons of Mr. and Mrs. Harry Koch; Arlene and Ella Koch, daughters of Mr. and Mrs. Elmer Koch, and Glen Krueger, son of Mr. and Mrs. August Krueger.

The Chester DeWerff family is very serious in its desire to own the best possible purebred Holsteins. This is shown by the fact that the family's entire herd of 40 very high-producing grade Holsteins was dispersed last year so a new start could be made with purebreds.

### Senator Capper on Radio

Every Sunday afternoon at 4:15 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

## KANSAS FARMER

Continuing Mail & Breeze  
Topeka, Kansas

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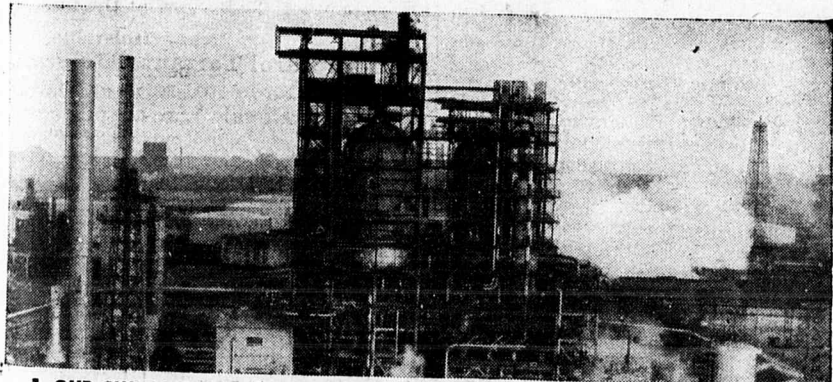
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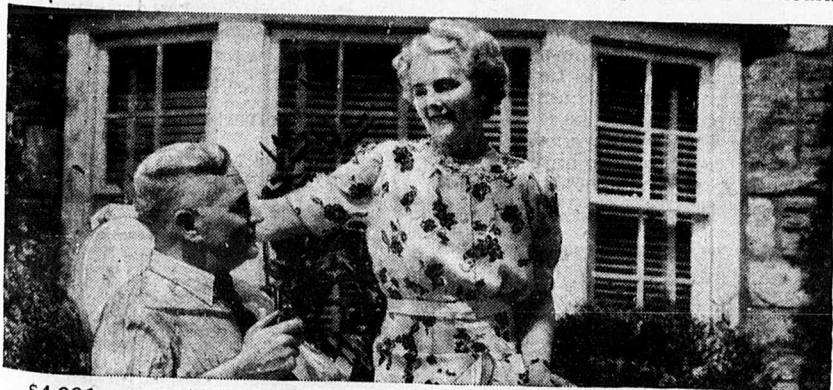


## *This is the busiest year since 1947*

The way 1948 is going so far, your terrific demand for petroleum products is keeping us busier than ever. Last year, our effort to bring you more oil spurred us to all-time highs. Here are a few highlights of record-breaking 1947:

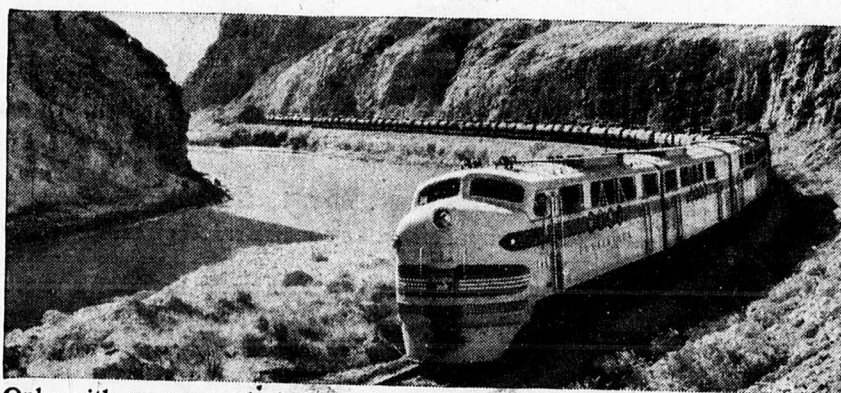


**1. OUR CUSTOMERS** used more petroleum products than during the peak war years. In our effort to meet this demand, we broke all production records. Our Annual Report shows that Standard Oil and its subsidiaries spent \$220,000,000—well over twice our earnings—for 743 new oil wells, 1,554 miles of new pipe lines, new refinery units like the one in the picture, and many other items. This year, again, the supply problem is difficult.



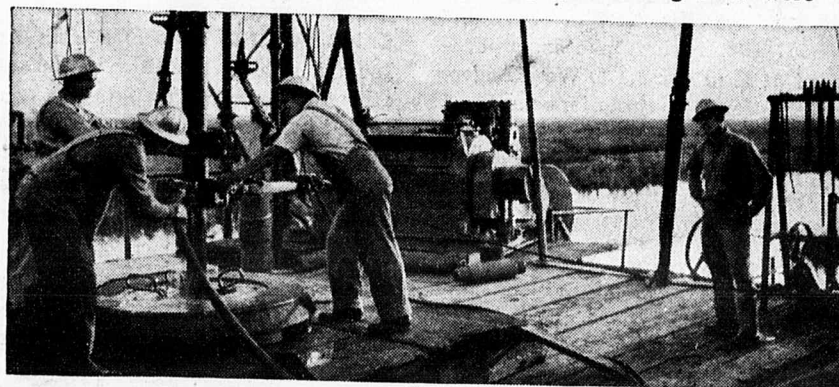
\$4,091, a new high. We have one of the best employee benefit programs in any industry, including a retirement plan under which 1,960 former employees, like the man above, are already receiving benefits.

**3. OUR OWNERS**, the 97,495 individuals, institutions and others who hold Standard Oil (Indiana) stock, received an average payment of \$314 each for the year. These dividends are a return on the money invested by our



Only with new records in output, plus your full cooperation in saving petroleum products, will the industry be able to meet your real needs.

**2. OUR EMPLOYEES** did a wonderful job last year. The effort and teamwork of 45,967 men and women made possible the record output of Standard Oil and its subsidiaries, despite unusually difficult conditions. The average wages and benefits for each employee during 1947 were



owners to provide the tools that make production possible. No institutional stockholder owns so much as 5% of the stock and no individual owns as much as 1%. The investment in tools and equipment averages \$24,600 per employee. Merging mind, muscle and money, our thousands of employees and owners are stepping up production and quality. This is the best way—the American way—for us to continue to serve you well.

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# Weed Killers

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1. **DU PONT 83% SODIUM 2,4-D WEED KILLER**, a dry sodium salt, readily soluble in water, for spraying most weeds in wheat, oats, barley, rye, flax, corn and certain other crops.
2. **DU PONT 2,4-D 67% AMINE WEED KILLER**, a liquid, for use on weeds in these crops, either as concentrated or dilute sprays.
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**Economical**—Du Pont 2,4-D Weed Killers give you low-cost weed control. Your dealer can help you select the formulation best adapted to do your specific weed control job at lowest cost.

**Farm-tested**—Proved and backed by results in all sections of the country.

**MUSTARD:** In the Dakotas, applications of Du Pont 2,4-D Weed Killers gave thorough control of mustard and wild radish in barley, controlled pigweed, Frenchweed and mustard in wheat.

**BINDWEED:** One application of 10 oz. of Du Pont 83% Sodium 2,4-D Weed Killer per acre of wheat and oats controlled field bindweed in the Dakotas and Nebraska. Crops were harvested without further interference from the weed.

**CANADA AND SOW THISTLE:** An Iowa thistle patch that withstood other methods for 20 years was controlled in 1947 by one application of Du Pont 2,4-D Weed Killer, at the rate of 1¼ lbs. 2,4-D acid equivalent per acre.

**COCKLEBURS:** Only ¾ lb. of Du Pont 83% Sodium 2,4-D Weed Killer per acre killed cockleburrs that had infested 1200 acres of South Dakota cornland. The Weed Killer dissolved readily in hard and alkaline water.

**See your dealer**—Ask for free booklet on weed control with Du Pont 2,4-D Weed Killers . . . covers problems with grain, corn, sorghum, pastures, ditches, fence rows. Du Pont, Grasselli Chemicals Dept., Wilmington 98, Delaware, or 112 West Ferry Street, St. Louis 7, Missouri.



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## Capper Awards

### Two Win Scholarships

**EDWARD KAISER**, Phillipsburg, and **Wilma Worthington**, of Onaga, have been awarded \$150 scholarships as gifts from Senator Arthur Capper thru Kansas Farmer, to be used at Kansas State College. The awards were presented by Senator Capper for their outstanding leadership in 4-H Club work. It marked the 16th consecutive year for these Capper awards.

Edward Kaiser, a member of the Iowa Union 4-H Club of Phillips county for 10 years, climaxed his club career by becoming adult leader of his club. After completing 48 projects in agriculture he now operates his mother's 200-acre farm. Always popular with his associates, he has held the offices of president of the county 4-H council as well as president, vice-president and secretary of his club.

His project records show a total net income of more than \$3,000. His interest in livestock made him a member of the county 4-H livestock judging team



Wilma Worthington

for 3 years. Edward's work in the junior leadership project prepared him for assisting in organizing several clubs.

Wilma Worthington has been a member of the Victory 4-H Club of Pottawatomie county for 6 years. In that time, she has completed 37 projects which include almost every phase of home economics, as well as 4 years of junior leadership work. Wilma has been a member of the county fair board for 3 years, having been superintendent of the clothing department part of the time. In 1946, she received the American Youth Foundation scholarship award and also was a member of the state Who's Who.

At present she is serving as secretary of the County Rural Life Organization. She has been president, reporter and treasurer of her club as well as a member of the county 4-H council.

She has attended Round-up, State Fair Encampment, State Leadership Camp and her county camp. Nine county champion awards have come to her in these 6 years in general home economics, clothing, home improvement, safety, garden, leadership and county style revues.



Edward Kaiser



**Queen!** Carol Tarrant, Atchison, Kansas, chosen to reign at 1947 American Royal Live Stock and Horse Show. Nineteen-year Carol says she'd never entered a contest before. Won out over 50 contestants. Blonde, blue-eyed beauty 5' 7½" tall. Does professional modeling.

**Outdoor girl.** Carol enjoys riding, hunting, swimming. Has Red Cross Life-Saver badge. Is an expert at precision swimming.

**"A friend I was visiting recommended Wheaties to me,"** says Queen Carol Tarrant. "I liked those whole wheat flakes *right from the start*. They're so crisp and tasty." Nourishing, too! Flakes of 100% whole wheat. Had your Wheaties today? "Breakfast of Champions!"

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**MORE!** 50% more Wheaties in the Extra-Big-Pak. Sizeable amount! For farm-size family. Try Wheaties! Nourishing. Second-helping good, with milk and fruit. Look for the Extra-Big-Pak!

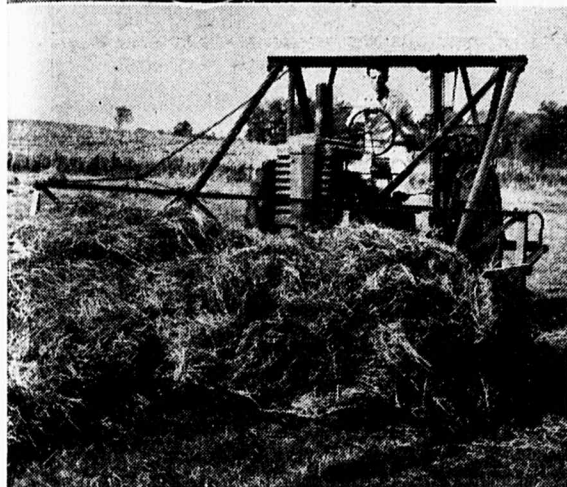
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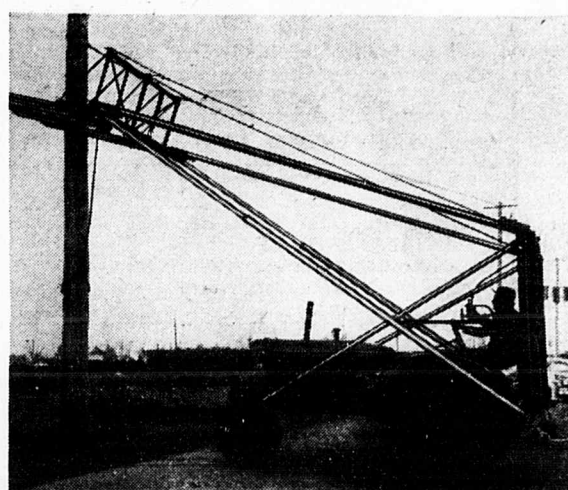
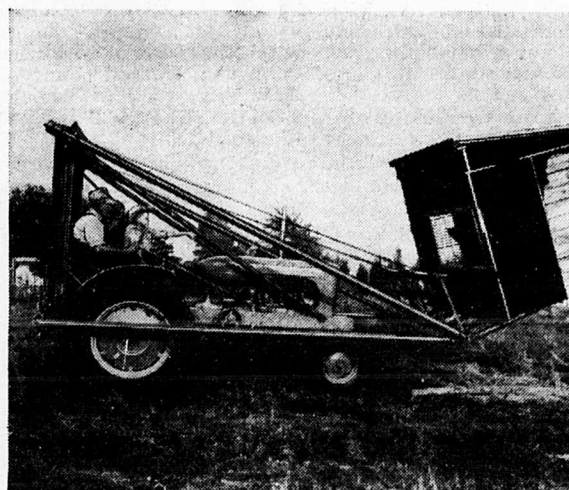
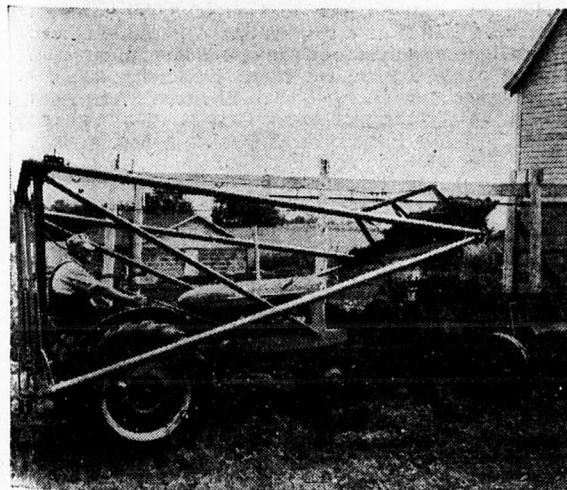
CAN YOU MATCH this record with any other loader on the market? For 7 years my FARMHAND Hydraulic Loader has stood up under the toughest lifting, loading and hauling jobs on my farm. And it STAYS on the job ... because parts and service are always quickly available!



**THE MONEY I SAVED ON HAYING** alone paid for my FARMHAND Loader. I cut costs up to \$3.50 a ton because FARMHAND does the whole job with a minimum of time and labor. See how it sweeps up the windrows in that big hay basket? I clear 15 to 20 acres a day at speeds up to 15 M.P.H.

**AND LOOK AT THAT 21-FOOT REACH!** That means BIG stacks, piled high, with less spoilage. FARMHAND stacks 5 to 6 tons an hour ... lifts  $\frac{1}{2}$  ton of hay in  $\frac{1}{2}$  minute ... sets the load where I want it gently and safely with that wonderful "Wrist Action" lever motion of the hay basket—always under complete control.

**NOW HAYING IS EVEN FASTER** with the new Push-off attachment on my FARMHAND Loader. The Push-off adds 6 feet to the huge stacks I build ... cuts waste and weathering. Folds flat against rear of hay basket, then pushes load over ends of tines to center of stack. Fully hydraulic. Doesn't cut basket capacity.



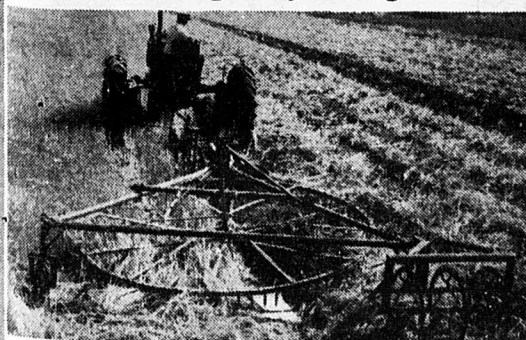
**EVERY FARM LOADING JOB** is easier with my FARMHAND to help me! With Manure Fork attachment it lifts 1000 lbs. at a time, loads a spreader for less than 5 cents ... in less than 3 minutes. Positive, feather-touch control gives me smooth, easy unloading with no damage to spreaders or other equipment.

**HARD AT WORK EVERY DAY!** Next to my tractor, my FARMHAND Loader is the most useful, most versatile implement on the farm. It lifts anything ... from 3000 lb. boulders to shocks and cord wood. It moves anything ... from bulky machinery and awkward loads to small buildings. You'll use it every day, too!

**YOU NAME THE JOB...** watch the FARMHAND do it ... in a jiffy! Moves earth ... hoists sand and gravel ... pulls fence posts ... hauls logs and lumber ... sets poles ... pulls well rods. And you never saw a loader with the brute strength ... the high reach ... the all-around dependability of my FARMHAND!

## FARMERS! SAVE YOUR LAND!

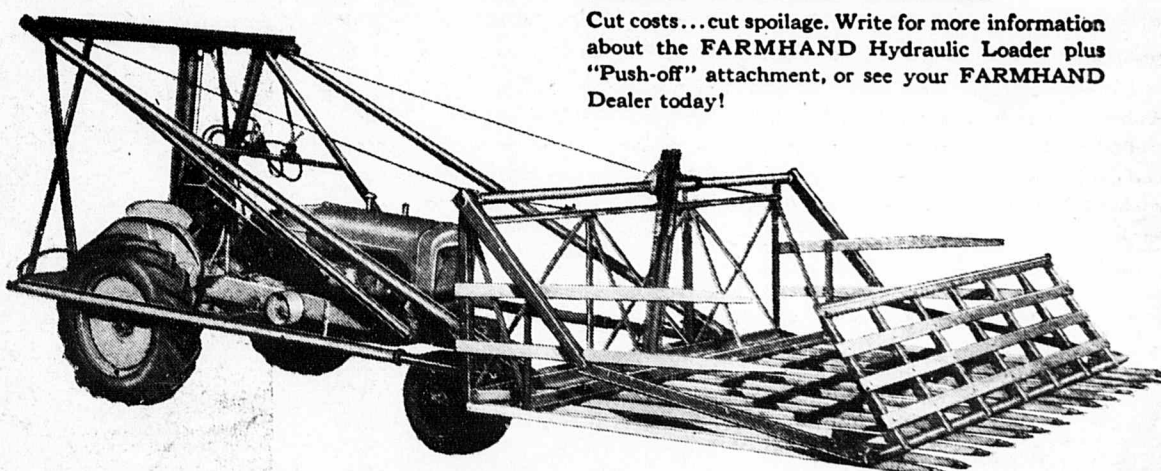
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It's the famous FARMHAND Prairie Mulcher. Big rotary rake spreads loose straw, stubble and vegetation from unplowed land onto freshly plowed soil. Mulch binds soil in place ... eliminates plow plugging and necessity for straw burning ... checks weeds and erosion ... increases crops. The only machine in the world that does all these vital jobs. Ask your FARMHAND Dealer. Or write us for free booklet.

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Cut costs ... cut spoilage. Write for more information about the FARMHAND Hydraulic Loader plus "Push-off" attachment, or see your FARMHAND Dealer today!



# Farmhand

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SUPERIOR SEPARATOR COMPANY • HOPKINS, MINNESOTA • Farm Machinery Specialists



## HYDRAULIC LOADER



## Geared for Balance

### Gfeller Farm Set for Production and Comfortable Living

**M**OST often heard objection to terraces and contour farming is aimed at the point rows. And there usually are point rows since few fields will accommodate parallel terraces. But Roy Gfeller, Geary county, found an agreeable solution. He evened up his fields with alfalfa and brome grass seeded along the terrace lines. He needed just about that much room anyway for these pasture and hay crops, so why not even up the lands, he asks?

It has worked out well in his balanced-farming plan. Since dairying is his main program, pasture is essential. Out of his quarter-section farm, 45 acres are in native pasture and 25 acres are seeded to brome grass for additional permanent pasture. The remainder is cropland, all of which is protected with terraces. To even up the lands it required about 20 acres in alfalfa and brome. That left 70 acres of tillable land which is divided into 10 fields of 7 acres each.

His present plan for the terrace strips is to have them in alfalfa about 6 years, then raise brome 4 years. Should the alfalfa fail to remain fully productive for that period, he easily can change the rotation to suit his needs.

#### An Outstanding Farm

But his plan of seeded terraces is just one of many practices that make this an outstanding farm. His place often is used for demonstrations in farm management, crop or soil-conservation tours. He has a headstart on the balanced-farming program.

The terraces are an example. Mr. Gfeller has been on this farm about 12 years and has used sweet clover in his rotation right from the start. But just building up fertility was not enough to keep the soil from washing away. He knew something more was needed. Terraces were the answer, so he started building them with his tractor, using a rotary scraper. Many of his were built that way. In one hour he was able to complete about 100 feet of terrace.

The job appeared so urgent to him that he built several terraces before he had established grassed outlets. The result was one ditch where the terraces emptied. But even that was better, he says now, than having a large number of ditches and gullies in the middle of the field. Grassed outlets were provided first, however, for later terraces where the job was not so urgent.

The terracing job was completed 3 or 4 years ago. Ditches and gullies in the fields are healing now, but the scars will be apparent for years, he says. Mr. Gfeller believes we were 25 years late in getting started with our soil-conservation program. He thinks it is a matter of extreme emergency if we are to have any good land left for the future.

#### Has a Good Rotation

While using a legume-grass rotation along the uneven strips, which include the terraces, he has a model rotation setup for the strips of cropland. In general this rotation calls for sweet clover seeded with small grain every 5 years. He follows wheat and clover with 2 years of row crop, 2 years of oats and barley, then back to wheat and sweet clover again. In the last 12 years this system of cropping, along with his livestock program, has resulted in twice the income he could have expected with a straight grain program.

While clover in the rotation boosts the yields of following crops, it also provides good pasture for his herd of 20 dairy cows. And he has found that cattle really go for clover pasture. Last spring he had between 9 and 10 acres of volunteer sweet clover that made 90 days of pasture for 15 cows. These cows knew their grazing, too. They went right thru a good native pasture to get to the clover, hardly ever stopping on the way.

To make these fields easily accessible to his cows, a central lane extends from the farm lot to a native pasture at the opposite end. Gates can be opened leading to various sections of the farm when ready for grazing. This central lane also is the dividing line for the terraces so all water is carried away from the lane. This prevents undue erosion since ditches often form along cattle trails, roads or lanes.

At first thought a complete farm shop hardly seems a necessity on a dairy farm. But the workshop on the

Gfeller farm saves many hours each year during the busy seasons. The oldest son, Bill, who finished high school last spring, has built a large number of handy items in the shop. They are used regularly on the farm. For this work he won a trip to the International Livestock Show with expenses paid by Westinghouse.

Bill had to do a little talking to get his father to buy an electric welder. But it has proved handy and Mr. Gfeller readily admits he would rather work with it than any other equipment on the farm.

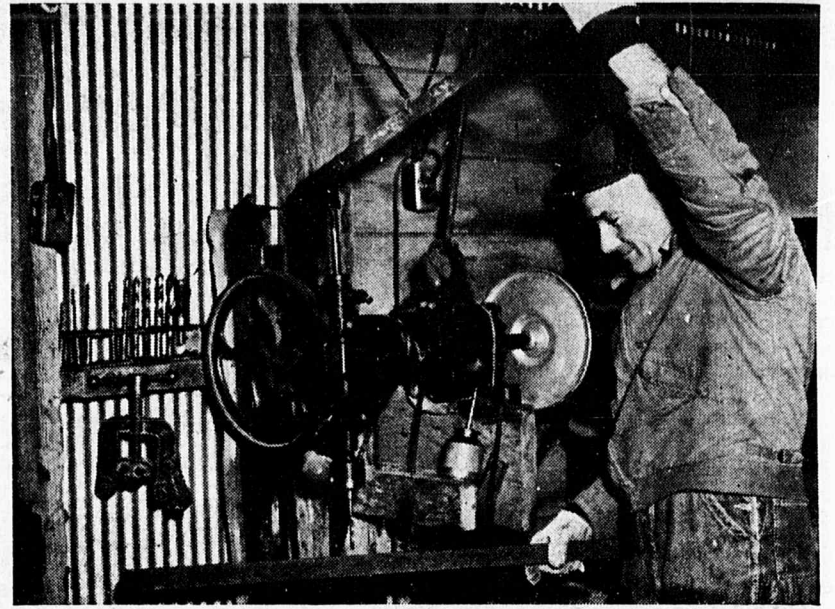
#### Can Build Almost Anything

Among the things Bill has made are several tools for the shop. He built a stand for a circular wood saw, a portable grinder which is handy to use in smoothing electric welds, a carriage for the acetylene welder. When a freshman in high school he built a forge for the shop, using a vacuum cleaner assembly for the blower. It still works well. Among the heavier tools he has built are a manure loader, grain elevator and dump pit, bale loader and cement mixer.

All this equipment is well constructed, but his reconstructed drill press, more than any other item, challenges the mechanical imagination. The drill press was broken. And when Bill set out to fix it, he incorporated an idea that made it better than in its original form. In place of the slow screw-type press, he put on a lever arrangement. For power he used a small electric motor installing a transmission case from an old model car. It requires no clutching system. The drill can be shifted into low, medium or high speeds without difficulty. There is a neutral setting, naturally, and whether you need it or not, the drill can be put into reverse.

Mr. Gfeller is proud of the job Bill did on the drill press. It works like a charm. He only hopes no one will want the transmission for a car some day. But the chances are slight. It came from a 1922 or '23 model.

While the soil is protected from erosion and the farm is geared for utmost production, the Gfellers are meeting



Mr. Gfeller demonstrates on the drill press his son remodeled after it was broken. The transmission between the drive pulley and press gives 3 forward speeds and one reverse, if you want it.

the final requirements for balanced farming—a fully modern home. Electricity has been used several years in this home. But the complete water system and modern bathroom were finished only last fall. Now that it is finished, Mr. Gfeller can't understand why he didn't have a modern bathroom long before. Like with electricity, Mr. Gfeller says, we didn't know what we were missing until after it was installed.

His system makes use of available cistern water. This is hooked up to the

hot-water line. Cold water is pumped from the well. Should the cistern run dry, well water can be switched over to the hot-water system by turning a few controls.

The bathroom was formerly a small porch. Mr. Gfeller did most of the work and it looks like a professional job.

For the immediate future, Mr. Gfeller has another improvement in mind. It is a new milking parlor. And the chances are it will be constructed before another year has passed.

## Cattle With Wheat Stabilize Farm Economy

**T**HERE is a stabilizing influence on your farm operation when you mix a good livestock program along with wheat farming. So believes Otto C. Eulert, Russell county. Depend on either livestock or wheat alone and sometime they will let you down, he asserts.

Altho he has been farming since the

middle twenties, Mr. Eulert moved to his present location of 3,035 acres in 1937 as a renter. Since 1942 his wheat and livestock programs have purchased the farm for him. Even with due respect for good wheat crops and prices of the last few years, Mr. Eulert says his Herefords did most of the buying. But, he recalls times when wheat carried the cattle.

Out of 1,028 acres of cropland, 500 acres go into wheat. The remainder is in feed crops, atlas, midland milo and Norcan, with about 100 acres for alfalfa.

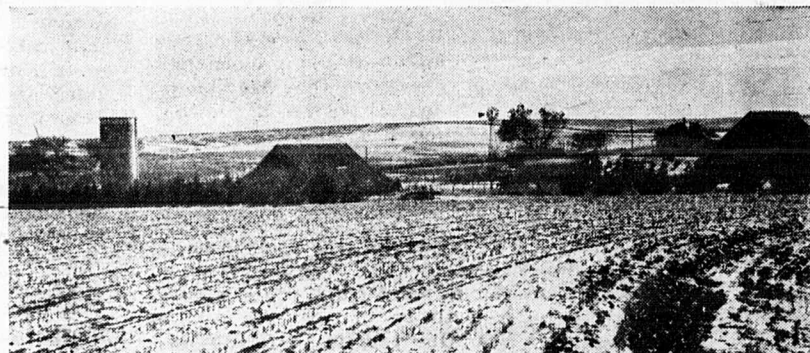
The manner in which he handles his feed crops reduces labor expense. Whenever possible the cattle do their own harvesting. Most of his calves arrive in March and are weaned in October. They learn early to forage for themselves when he turns them into fields of milo that have been combined. When weather permits they remain in these fields until mid-January. From there they go into fields of drilled atlas and Norcan.

With electric fences Mr. Eulert permits the cattle to harvest the drilled feed in sections. Confining them to specific areas prevents them from trampling down large sections of fields without bothering to stop for feed. Then when winter weather comes around, he has more atlas and Norcan than he harvested with machinery. It is planted in listed rows and put up for the bad days. In addition he has good-quality hay from his alfalfa fields for those bad days.

Mr. Eulert now has a commercial herd of 275 cows. And he uses a registered herd of 25 or 30 cows to improve the quality in his commercial herd. There is a reason for this. He does not believe you can economically buy good foundation stock. You must raise it.

In the last 10 years he believes he has improved the quality of his commercial herd 25 per cent. He calls it culling from both top and bottom. In addition to providing good sires for his commercial herd, he is able to cull the old cows and young heifer additions each year. That is his top-and-bottom culling. And here is why he believes his herd is 25 per cent better now than it was 10 years ago: Approximately 70 per cent of the mature females in his commercial herd originated from the registered group.

With this well-matched livestock and wheat farming program, Mr. Eulert feels he is in better position to weather price storms. Better than depending on either one alone.



This view of the Roy Gfeller farm, Geary county, was taken from atop a terrace northwest of the farmstead. The terrace was seeded to brome last fall. Note the new silo and young shelterbelt which skirts the farmstead on both north and west borders. Next addition will be a new milking parlor.



This view in the Gfeller farm shop shows a few of the items his oldest son, Bill, has constructed. With Mr. Gfeller is his youngest son, Gary, 5 years old. Among the items are a steel carriage for the acetylene welding tanks at left. The circular saw stand was made in the shop as well as the welding table. Mr. Gfeller has his hand on the portable grinder that Bill built. The motor swings around smoothly in any direction. The motor turntable is mounted on a discarded ball bearing. Note also the convenient bolt rack in the background.



# Farm Matters

## AS I SEE THEM

THE Senate Committee on Agriculture, of which I am chairman, last week completed 2 weeks of hearings on the tentative, long-range farm bill drafted by a subcommittee, of which Senator George Aiken, of Vermont, was chairman. I join with practically every farm organization representative and every farmer who testified during the 12 days of hearings, in congratulating Senator Aiken on the job they attempted in drafting the proposed legislation.

Also, however, I find myself in agreement with quite a few of the constructive criticisms made of the measure. These were so many, and some of them so important, that the measure undoubtedly should have a thoro going over by the committee before it is presented to the Senate.

Of course, this long-range farm program will have to be national in scope and national in its approach to various farm problems. But in the desire to write a national act, I do not believe we can afford to ignore the interests of sections of the country and segments of the farming industry affected.

I particularly have the Wheat Belt in mind—undoubtedly because I represent Kansas in the Senate and on the Agriculture Committee. And having the interests of the Wheat Belt and the wheat grower in mind, I must say that I have not been sold on the so-called "modernized" parity formula in the Aiken bill. And I cannot forget that Senator Aiken's farmers are more interested in getting feed for their livestock and dairy animals and poultry at as low prices as possible—and I am not criticizing him or them. It is very natural.

Now, of course, I must admit that establishing a parity price for a commodity by any formula does not guarantee the grower will receive that price. But it does say that the parity price so established is a price that would be fair to the producer, and to the purchaser, and the ultimate consumer.

And, also, in case there is a Government support price, whether thru commodity loans, or thru some other method, that support price will be based in fact on the parity price figure. Therefore, the parity formula is of real importance, especially in times of emergency (depression, to put it frankly), to the producers of any commodity affected by a national farm program dealing with prices.

Now that the United States has adopted definitely a policy of support programs in times of depression, and that the measure of support is to be a percentage of parity, I want to know what a change in the parity formula will do to the parity price of, let us say, wheat, before I support any change in the formula.

So I have some figures from the Department of Agriculture showing how the two formulas affect the parity price of wheat. And those figures, I must admit, have not sold me, yet, on the proposed "modernized" parity formula, basing parity price on the prices received the next preceding 10 years instead of the present base period, 1910-14.

Here is the comparison of parity wheat prices under the present formula and the proposed 10-year moving base formula, for the years 1929 to 1947 inclusive:

Year	Present Formula	Proposed Formula	Year	Present Formula	Proposed Formula
1929	\$1.47	\$1.47	1939	1.09	.904
1930	1.42	1.36	1940	1.10	.925
1931	1.26	1.14	1941	1.14	.965
1932	1.09	.945	1942	1.33	1.14
1933	1.02	.872	1943	1.43	1.22
1934	1.13	.991	1944	1.49	1.25
1935	1.16	1.02	1945	1.52	1.31
1936	1.10	.94	1946	1.65	1.35
1937	1.20	1.01	1947	2.03	1.65
1938	1.12	.945			

Now if you will note the depression years, you will see that the modernized formula proposed would have averaged 15 cents a bushel below the parity price determined by the present formula. Whether I would be justified, in the national interest in supporting that change—whether it would be in the national interest in the long run—and making it official that the lower price is the better price for wheat, is very doubtful in my mind.

Of course, the parity price figure is not the only factor. The percentage of parity at which the support price is fixed could be increased under the new formula so the support price would be higher. But if the Congress, or the Agriculture Committee, was controlled by those who want to buy wheat, that might be difficult. What do you think?

### When School Ends

I WOULD like to congratulate the young folks who soon will be finishing school, ready to tackle the job of making a living. And their parents who made it possible for them to gain an education. These young people are completing college, or perhaps stopping after high school. Naturally, I believe in all the education a person can get. Competition is keen in every line of endeavor, and those having the best education—provided they use it wisely—will make the most progress. I frankly wish every young man and every young woman could have the advantages of a college education. However, I know that isn't possible for very good reasons.

But let me add right here that some of our keenest students, many of the wisest individuals, and a great many of our most successful farmers, other business men, and leaders in many fields, have had comparatively little formal education. By that I mean education in our various types of schools in the U. S. However, these people have been avid students all of their lives—and hard workers. They have kept open minds, capable of seeing more than one side to a question. Therefore, they are able to judge wisely. They have inquisitive minds, wanting to know what makes things tick. And they have an unquenchable curiosity about new developments and progress.

That is a point I wish to impress upon the new graduates, and all who are finishing their formal schooling. No matter at what point you end your actual schooling, you always can be, and always should be, a student. One practical educator remarked that graduation, or commencement time, really is a time of commencing—starting or beginning a wider field of education. Our schools provide the best available background material. And it is up to the individual as to how much he makes of that information and training. Then after school years, it is up to him—more than ever—as to how much he makes of the opportunities available to him. The best opportunities in the greatest country on earth.

What he makes of these opportunities—we call it success—isn't measured only in dollars. This is important to remember. Success can be measured in so many ways: In the satisfaction of a job well done, in ability to produce useful things, in contributions to your community, in the kind of home you make.

Now, I am sincerely proud of the young men and young women, from farms who enter the many business and scientific fields open to them in our

towns and cities. In this, agriculture is contributing some of the best minds to maintaining industry. That isn't merely a pleasant statement. The records show that a very large per cent of our big industrial leaders today were born and reared on the farm. These clean, alert young farm people,

capable of making a place for themselves in virtually any line, make us want to point with pride to their achievements. They are deserving of a great deal of credit.

But it is even more essential that well-educated, clean, alert young people stay on our farms. I am extremely grateful to those who do. The entire country not only can point with pride to their achievements; they can feel very frankly in their hearts that without these farm experts—and believe me, they are expert in their work—the rest of the country would fall into ruin. I think the most important business individual in the country today is the farmer. There is no question about his job being useful or essential. The welfare of our country, the peace of the future, are largely in his capable hands.

And I don't believe there is a field in which one can continue more successfully to be a student than in agriculture. Or where this continuing education is more important. Learning to know the soil, how to conserve and improve its fertility, is a lifetime job. We are making some progress in soil conservation, but much more must be done if this Nation is to be well fed in the future. This is the number one problem of our country.

Great progress also has been made in improving the quality of our crops. But this is a job that never will be finished. No doubt, some of our graduates this spring will be the ones to develop new varieties of crops that will far outyield those we now have. And they will breed superior cattle and hogs, poultry and sheep. As far as we already have gone, this livestock field still has unlimited possibilities.

Sources of information to aid in this great work are virtually unlimited in these United States. You who dedicate your lives to farming have your agricultural college to call on for information. You have your county agent, accurate books, libraries, good publications, short courses, lectures, bulletins, even laboratories for testing seeds and running experiments, at your disposal. I urge my young farmer friends to make good use of these facilities. It seems to me this is the way to nourish your mental health, which is as important as taking care of your physical well being, or keeping your livestock and your soil in good condition.

So young folks who decide to take up farming may do so with the knowledge they are doing the most essential work any human can do. That no field offers more opportunities for new developments. That there are numerous sources of information available for continuing your education, a well-rounded education.

No farm boy or girl needs to be told there is plenty of hard work on the farm. That there are some drawbacks. But I can tell you there is hard work in any business, if you are successful. And no field is free of its peculiar drawbacks. To my mind, no business requires better men and women, keener minds, than agriculture. And the problems to be solved, as well as progress to be made, are challenges only well-rounded men and women are capable of handling.

*Arthur Capper*

Washington, D. C.

## No Permanent Farm Bill This Session

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Two weeks of hearings by the Senate Agriculture Committee on the semi-long-range farm bill, offered by the Aiken (Vt.) subcommittee, have developed a general hopelessness among farm leaders in and out of Congress that there will be time this session of Congress to work out a really comprehensive permanent farm bill.

The Aiken bill proposed to (1) reorganize the Department of Agriculture so far as administration of farm

programs is concerned; (2) set up a soil conservation and land use program without taking into consideration the development in recent years of some 2,000 soil conservation districts organized under state laws whose operations are built largely around the Soil Conservation Service; (3) write a new parity formula based on the

10-year "moving" base, while allowing basic commodity groups the option of using the established 1910-14 (or substitute periods authorized by existing law); (4) provide a support program based upon 75 per cent of parity, support prices to range from 60 to 90 per cent of parity as prospective supply for a crop ranged from 130 per

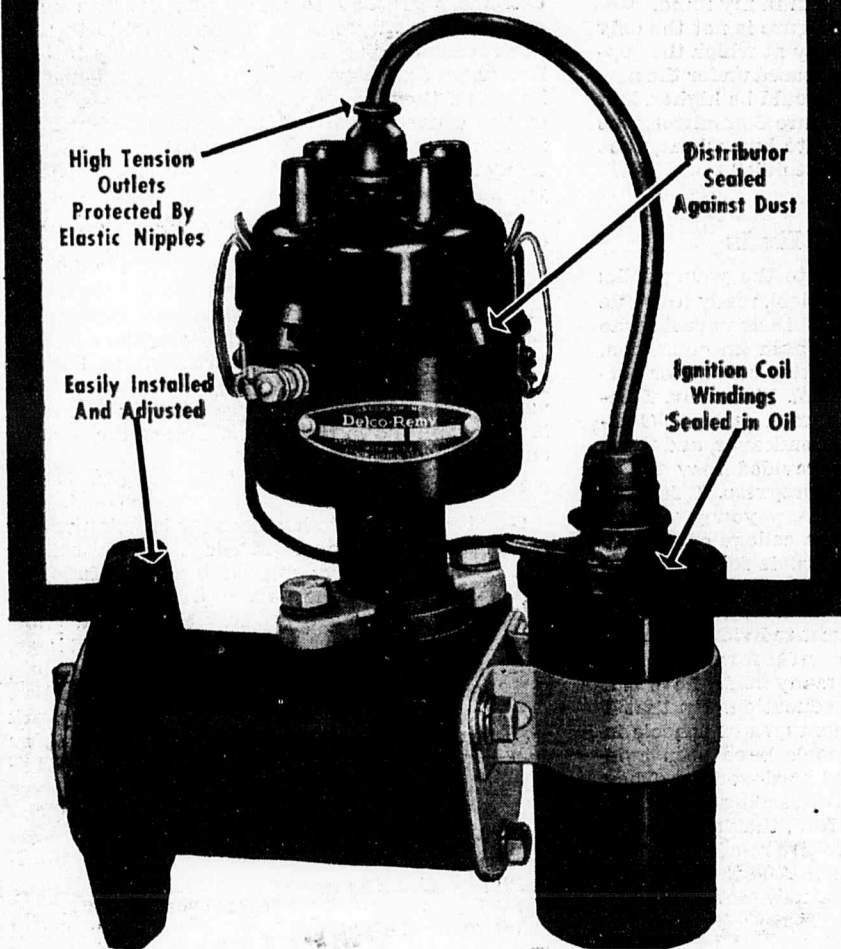
cent of normal down to 70 per cent of normal. The bill also declared in favor of substituting a parity income "concept" for the parity price "concept" in its declaration of policy, but did not attempt to provide such a formula.

The Department of Agriculture was joined by the National Grange, the National Council of Farmer Cooperatives, and to a great extent by the Farmers Union, in opposing those parts of the (Continued on Page 34)



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Delivers high energy spark at low engine R.P.M. That means easy starting even in cold weather.

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The new Delco-Remy Battery Ignition Unit is available through tractor dealers and United Motors Service stations.

# DELCO-REMY

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## 100 Planes to Spray Wheat

By GENE SPRATT

SCIENCE and chemistry are playing a particularly important role this year in helping Kansas wheat farmers maintain their high production records, according to T. F. Yost, state weed supervisor for the Kansas State Board of Agriculture.

This year about 100 airplanes are expected to come to Kansas and spray the wheat fields of the state with 2,4-D. Wheat in many areas of the state has been slow in getting started because of poor seeding conditions last fall. This probably will lead to a weedy wheat situation on a much larger acreage than usual in Central and West Central Kansas.

The 2,4-D which will be applied mostly by airplane, is a recently developed chemical that, when properly used, will kill certain types of weeds and yet leave the crops, such as wheat, oats, and others undamaged. Yost stated that weeds which are highly susceptible to 2,4-D include Russian thistle, lamb's quarter, pig weed, sunflower, wild lettuce, wild mustard, coryopsis and mule tail.

Experimental work, according to Yost, is being rushed to the fullest extent on this chemical so farmers may have the most up-to-date and reliable information possible. As yet all the uses and dangers of 2,4-D have not been completely determined for many crops, altho considerable data has been gathered concerning its use on wheat, he said.

For this reason, Yost stressed that farmers should follow only recommended procedures and handle the 2,4-D material extremely cautiously.

Applying 2,4-D at the proper time is one of the most important factors, Yost stated. In wheat, the material should be used after the plants have fully stooped and during the early jointing

stage. Only wheat that is severely infested with weeds should be treated. Checking with spray operators to see that they use the proper amount of 2,4-D is one precaution that always should be taken, Yost emphasized. In most cases one-third pound of actual 2,4-D acid in the ester form and two-thirds pound in the amine or salt form will kill the weeds.

If plans are made to treat crops other than wheat, such as corn, oats or flax with 2,4-D, Yost urged that the county weed supervisor be contacted. These men will have the latest information and the recommended strengths available, and will be in position to assist with the work to a considerable extent.

Use of airplanes, according to Yost, is a result of the fact that many farmers do not own spraying equipment suitable for using 2,4-D. Of course, planes can work when it is too wet for ground rigs and extensive acreages can be covered in a short time which are additional favorable points. It is expected that the 100 custom plane operators will be able to spray about 2 million acres of wheat during a period of 2 or 3 weeks when the wheat is in the proper stage of growth. According to word received by Yost, most of the planes will be from out of state, altho several Kansas plane operators are planning to do spraying work.

As a service to farmers of the state, Yost commented that his department is co-operating to the fullest extent on this weed-spraying program. Those interested in having their wheat treated with 2,4-D should list their acreage with the county weed supervisor just as soon as possible, and these men will make every attempt to get spray operators into the vicinity at the proper time.

## A Few Peaches

By JAMES SENTER BRAZELTON

WITHIN the last few days peach growers in Northeast Kansas have been agreeably surprised. Examination of peach buds, following the below-zero temperatures of mid-winter, seemed to indicate that 1948 would be another no-peach year. But with the coming of spring, peach trees which, several weeks ago, showed no signs of live buds, are now blossoming out. This does not mean, of course, there will be a bumper peach crop. Far from it, for the prospects are variously estimated at from 10 to 50 per cent of a normal yield. The bloom is quite spotted, depending largely upon variety. Some orchards seem to have a very good bloom while others are not blooming at all.

District trustees of the Kansas State Horticultural Society, reporting to the secretary, George W. Kinhead, on the peach prospects, indicate that peaches were badly damaged thruout the state by the severe temperatures of last winter. James Etherton, of Troy, reports he had cuttings of 6 or 7 varieties that he tried to force in the house but all failed to bloom. H. L. Drake, of Bethel, writes that as a commercial venture the local peach crop is out of the picture.

According to J. W. Titus, of Caney, peaches in the third district show considerable bud injury with a large per cent of outright kill. Fred E. Martin, of Salina, says most of the peach buds in his district were killed. F. R. Hasler, of the sixth district, is of the same opinion. R. J. Barnett, of Manhattan, says all blossom buds of apricots, nectarines and peaches were killed.

Wise were the housewives who canned more peaches last season than enough to last 1 year. They will be glad they did this summer when peaches will be scarce and high priced, no doubt. For 3 straight years this country has had an 80-million-bushel peach crop. It will be quite a different story this year. On Easter Sunday night the very promising crop in the peach-growing states of the South was hard hit.

South Carolina, producing upwards of 9,000 carloads annually, is the nation's No. 1 peach state. Reports indicate the state suffered a loss of 50 per cent when frost rode in on bitter cold winds that Holy Sunday night. An extremely discouraging picture is painted

of peach conditions in Georgia. Many orchards in that state were listed as total losses. From Winchester, Va., comes the report that there was not much damage to peach buds on high ground, but in orchards on low ground the damage is from 20 per cent to almost complete.

It is said that peaches can withstand 15 degrees below zero in their dormant stage. In Michigan, early in the winter, the peach belt experienced temperatures as low as -20 degrees Fahrenheit, with the usual killing that results. Weeks later certain sections of Texas, Arkansas and Oklahoma lost their peach crop from temperatures around 15 degrees above zero during a more advanced stage of fruit-bud development.

### Name Officers

Milton N. Thomas, Medicine Lodge, will head Kansas State College's Klod and Kernel Klub next year. Other officers elected include Elbert Bell, Greenleaf, vice-president; Aubrey W. Bostwick, Hoyt, secretary; Garrett Seaton, Chapman, treasurer; and Dean Reese, White Cloud, sergeant at arms.

The Klod and Kernel Klub sponsors an all-college grain-judging contest with \$500 in prizes annually.



"If you break your leg, you get \$3,000—exactly the price of that new car I was looking at!"





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have new performance, new economy, and new extra strength, too. Interesting example: porous-chrome plated top rings for pistons in the new 145 h.p. engine.

Extra strength all down the line . . . for the new BIG JOBS with G.V.W. ratings up to 21,500 lbs. . . for every one of over 139 new models. They're built with a strength never before attained in Ford Trucks. New strength! Extra strength! *Bonus Built* strength!

See your Ford Dealer! Get the facts on the strength engineered into Ford trucks for '48.

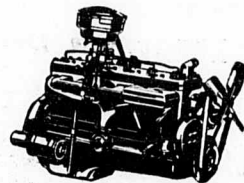
\*BONUS: "Something given in addition to what is usual or strictly due."—Webster



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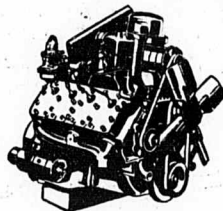
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# Ah-h-h-h-h-h-h . . .

## It's Fair Time

★ **Kansas State Fair, Hutchinson,  
September 18 to 24**

★ **Kansas Free Fair, Topeka,  
September 11 to 17**

By Dick Mann

**Y**OU really are going to be surprised this year when you attend the Kansas State Fair, at Hutchinson, September 18 to 24. All of the good things that have been "expected to happen" since the war finally have.

One of those big surprises will be when you drive thru the south gate and see those gigantic new cattle barns just to your right. There are 3 of them, each 83- by 204-feet in size, and they will house about 500 additional cattle, according to Sam Mitchell, secretary of the fair.

Money for these new cattle barns was appropriated by the legislature in 1945, but materials were not available. The money was appropriated again in 1947, but the barns were not started until this year. They have monolithic concrete pillars and roofs, with brick siding. The sides will be

bricked up only 4 feet this year by fair time, so the remaining side areas will be canvas covered.

These new cattle barns are separated with 2 at one end of the lot and one at the other. Future expansion calls for a 200- by 400-foot livestock arena building in the area between the present barns. The old wooden barns to the east of these new ones eventually will be removed and replaced by another concrete structure matching the 3 built this year. Still another new barn will be put south of the arena. When this new area is fully completed, the livestock arena will be flanked on 3 sides by these huge barns.

Other improvements include complete remodeling of the agriculture building. "We tore out everything and started over again," Mr. Mitchell says. This building now

[Continued on Page 36]



Everybody likes hotdogs. You'll be eating your share this September, either at the Kansas Free Fair, Topeka, September 11 to 17, or at the Kansas State Fair, Hutchinson, September 18 to 24.



How's the weather down there? Colorful high-school bands make every fair brighter and gayer. You'll hear them at Hutchinson and Topeka again this year.



Above: 4-H Club style revues are always a popular feature of the big Kansas fairs. Who will win this year?



It's always news when a champion animal takes time off during the fair to become a mother.



At Right: He won't hold that pose, says this livestock exhibitor. More out-of-state livestock will be shown at both Hutchinson and Topeka this year.



It's Governor's Day at the big fair, and Governor Frank Carlson this year again will tour the livestock exhibits to see what these young folks are doing.





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◆ Here it is! The big opportunity to get ready NOW for next spring's work . . . to order your full 1949 stock of SKELLY Fortified Tagolene Motor Oils and Long-Life Greases! And you don't have to pay a single cent! It's SKELLY'S special, generous 1949 Future Order Plan, and here's how it works: Place your order now for those fine SKELLY oils and greases that can do so much toward protecting your equipment, keeping it in top running order. You don't pay a thing until delivery is made, any time you want it next spring. Then, when you do pay, you pay at today's

prices, regardless of how much higher in price the items you order may be next year.

Think of the money you save! Think of the time, the trouble you save! And think of the peace of mind you'll have by knowing you'll receive *everything* you need, *when* you need it!

Contact your SKELLY Tank Station Salesman or Jobber right now. Ask him for complete details about this special money-saving farm deal. Give him your order for next spring—you have *everything* to gain and *absolutely nothing* to lose!



### TUNE IN - NBC

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# GET IN TOUCH WITH YOUR SKELLY

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## Soil Miner—or Soil Manager WHICH ARE YOU?

Soil management calls for putting more plant foods—including nitrogen—back into your soil than is lost through cropping and erosion.

Soil mining is the removal of plant food from the soil by cropping without replacing as much plant foods in your soil annually as each crop uses or is lost through erosion.

Good soil management pays off in extra yields in normal years and reduces losses in years of drouth, excessive heat or heavy rains. Actual tests have proved that often it is not the weather but lack of plant foods in the soil that ruins crops. And nitrogen, the growth-producing element, is one of the most important and most easily exhausted plant foods.

Soil management is more important than ever, for only one farm in 1,000 is now receiving enough nitrogen and other plant foods to offset the amounts taken out of the soil each year by crops. And good soil management is your best hedge against crop failure. See your farm adviser now and ask him what plant foods your soil needs.

Right now, more farmers want Spencer Hi-Nitrogen Agricultural Products than we can supply, and appreciable amounts must be sent abroad to war-devastated countries. In time we'll be able to meet all your requirements. Until then, remember the name—Spencer Hi-Nitrogen—and ask your dealer to tell you when he has some.

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HI-NITROGEN AGRICULTURAL PRODUCTS

## Spraying to Weed the Garden

By W. G. AMSTEIN, Kansas State College

THE subject of weed killing, or the selective weeding of vegetables by spraying or dusting, is receiving wide attention in all parts of the country. Unfortunately, results obtained in Massachusetts or California often cannot be duplicated with equal success here in Kansas, or in other locations in the Midwest.

Selective weeding of certain vegetables is definitely still recommended for limited trial use only. However, this does not dampen the enthusiasm of any who are interested in the subject.

The one outstanding vegetable weed treatment thus far recognized thruout the country, deals with weeding carrots and parsnips by use of Stoddard's solvent. Here in Kansas an outstanding market gardener, Bernard Lohkamp, located near Wichita on route 6, in Sedgwick county, has had remarkable success in use of this method in weeding both carrots and parsnips.

The subject of the chemistry of oils is too deep for me, so I stay on the fringe and take the chemist's word for it, altho some of the selective phases of the results even have the research men guessing. The aromatic content of the oil apparently accounts for the results, good or bad. Carrots and parsnips are relatively tolerant of these chemicals, perhaps aromatic compounds, but most other vegetables and weeds are not. This is the reason certain oil sprays can be used as selective weed killers.

The source of the oil apparently has something to do with the results. Crude oils from the Mid-continent areas and their products have a relatively high aromatic content, while those from Pennsylvania oils are often unsatisfac-

tory. However, the refinement of our crude oils must be carried on in a manner to retain their high aromatic content.

Stoddard solvent and materials of the dry-cleaning type have several advantages. They can be used on carrots while in the seed-leaf stage where weeds are often thick and growing rapidly. Likewise, very quick killing of weeds, usually within 8 hours, is obtained. Any objectionable flavor disappears in a few weeks, certainly before harvest and no residue is left in the soil. One hazard in recommending the treatment is that many patented materials used in the dry-cleaning trade are not useful because they are not of the Stoddard solvent type.

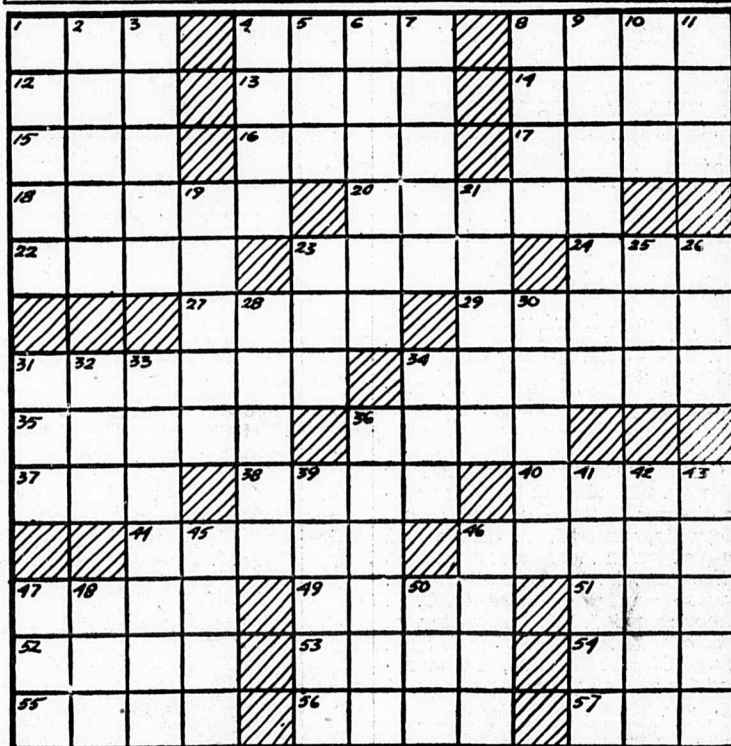
Spraying carrots and parsnips with Stoddard's solvent in a knapsack sprayer is practical. A fine nozzle is needed with a flat spray preferred. No dilution of the material is suggested.

Considerable work has been carried out on pre-emergence treatments for weed control in vegetables. This method may be adapted to almost all vegetable crops that are seeded directly in the field, and appears to have even more of a place in the weed-control program than do the selective sprays. There also is a possibility of using it for transplanted crops.

Two principles must be followed in pre-emergence spraying. First, the weeds must have started to germinate ahead of the vegetable, and the soil should not be stirred until after the treatment has lost its effectiveness and a new crop of weeds develops. Timing, planting and application of chemicals

(Continued on Page 13)

## CROSSWORD - - - By Eugene Sheffer



Average time of solution: 23 minutes. Dist. by King Features Syndicate, Inc.

### HORIZONTAL

1. exclamation
4. pouches
8. venomous serpents
12. tennis stroke
13. dull pain
14. part of speech
15. feminine name
16. masculine name
17. man's nickname
18. tie again
20. North American thrush
22. allowance for waste
23. unadulterated
24. female sheep
27. slender finials
29. church niches
31. opera by Bizet
34. large frameworks of slats
35. humble
36. go by
37. artificial water obstruction
38. harbor
40. rodent
44. out-of-date
46. conveyance charges
47. open watercraft
49. small island (poet.)
51. aeriform matter
52. impel
53. type of collar
54. lyric poem
55. golf mounds
56. tiers

### VERTICAL

1. vigilant
2. linger about
3. diminish
4. auction
5. high card
6. song for several voices
7. Spanish title of address
8. prefix: against
9. earliest
10. play on words
11. ship's timber piece
19. account entries
21. carnivorous mammals
23. transfix
25. tiny
26. S-shaped worm
28. chirps
30. former Turkish title
31. despicable person
32. Syrian garment
33. boisterous agitation
34. feline
36. musical direction
39. willow
41. peculiar class
42. English author
43. city in Germany
45. sweetsop
46. bogs
47. except
48. native metal
50. moo

(Answers will be found on page 31 in this issue.)



# WHEN THE GOING GETS HOT

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For full protection  
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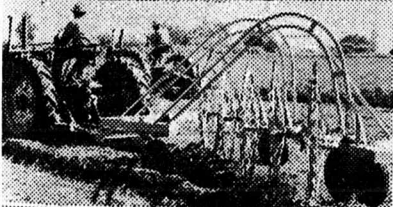
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and excess roping, gives per-  
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ets, no castings — nothing to  
bring break-downs and repair  
headaches. Simple, rugged  
construction for long-lasting  
economy.

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are equally as important as choosing  
the correct chemical to use with pre-  
emergence treatments.

The soil should be fitted several days  
before planting, then plant and treat.  
In dry periods, irrigating the land a  
few days before planting will help in  
starting the weeds to germinate. The  
crop can then come thru unharmed be-  
cause the possibility of the chemical  
injuring has disappeared.

Weed control in onions has been a  
problem in most states. Here in Kansas  
this year, a material, Aero Cyanate,  
tested in a few areas last year, is being  
tried. It is selective because weeds  
seem to be readily killed without injury  
to the onions. This material can be  
used when the weeds are small on  
seedling onions, or later on larger on-  
ions after the plants are 6 inches tall or  
larger.

### A Man With a Plan

Elmo J. Mahoney, Russell county, is  
a man with a plan. That plan includes  
terracing, contouring and sweet clo-  
ver. There are 6 quarter sections in the  
Mahoney farm and they adjoin. He be-  
lieves something must be done to save  
the soil and improve yields at the same  
time, hence his 3-fold plan.

Starting at the top of the farm in win-  
tertime, he intends to begin terracing  
there and continue right on down to  
the bottom. And as rapidly as he can  
build the terraces he plans to put the  
acreage into sweet clover before going  
back to wheat. While doing all this, he  
expects to farm the ground on the con-  
tour, an important part of soil conser-  
vation. Farming on the contour is no  
longer difficult, Mr. Mahoney contends.  
With combines that are self-propelled,  
neither time nor wheat is lost by cut-  
ting a field into patches.

Situated in the eastern edge of Rus-  
sell county, he points out that "west  
of us they summer-fallow and east of  
us they don't." He hopes his sweet clo-  
ver rotation will make summer-fallow-  
ing unnecessary on their farm.

### Jersey Club Officers

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vice-president; James E. Berry, Ot-  
tawa, secretary-treasurer.

### Hereford Pioneer

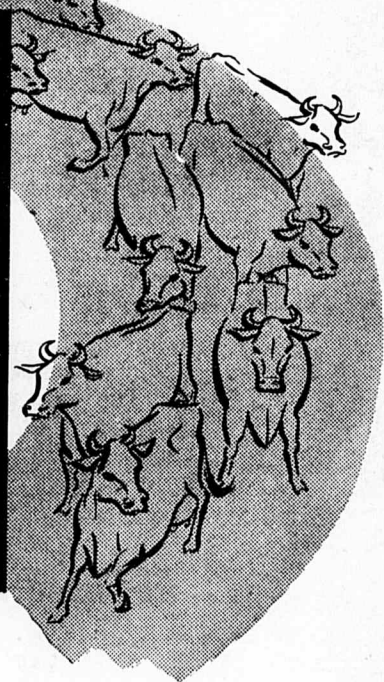
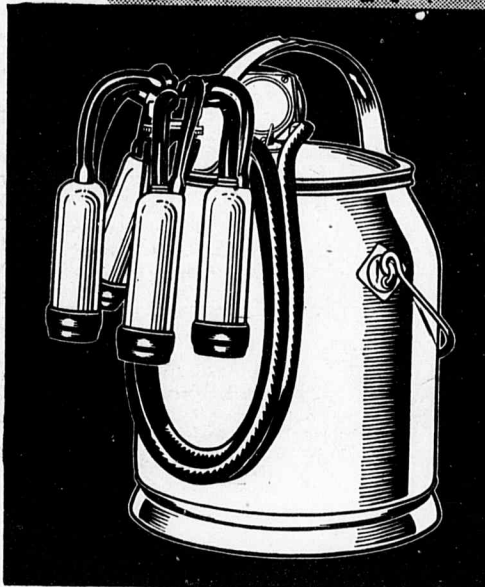
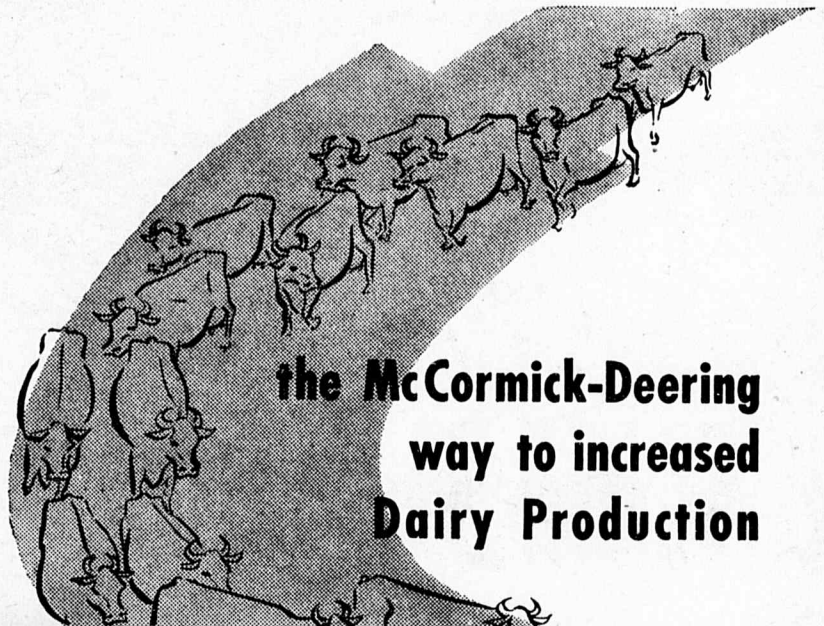
W. E. Campbell, a pioneer rancher, is  
credited by Dr. C. W. McCampbell, of  
the Kansas State College agricultural  
experiment station, with bringing Here-  
ford cattle to Kansas ranges.

Studying outstanding pioneer Kan-  
sas livestock men, Doctor McCampbell  
found Mr. Campbell brought 2 carloads  
of Hereford bulls to Kansas in 1880. In  
the 1881 roundup, they were more vig-  
orous than Shorthorn and other bulls,  
Campbell learned.

The pioneer stockman then began an  
active crusade to bring Hereford cat-  
tle to Kansas ranges, according to Doc-  
tor McCampbell. Mr. Campbell demon-  
strated superior qualities of Herefords  
on the range, in the feed lot, on the  
market and in the few showings of his  
day. It was Campbell's crusade for  
Herefords, more than any other factor,  
which brought the whitefaced cattle to  
Kansas, Doctor McCampbell said.

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May 4—North-Central, Salina.  
May 5—Northwest, Colby.  
May 6—Southwest, Great Bend.  
May 7—South-Central, Hutchin-  
son.  
May 8—Northeast, Horton.



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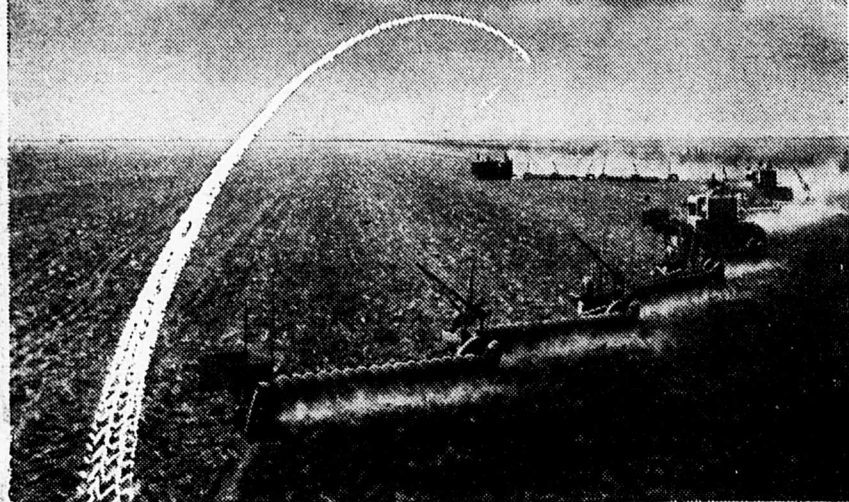


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bushels

380 million bushels  
— that's 16 billion  
pounds of  
flour

16 billion pounds —  
that's 23 billion  
loaves of bread

## Congratulations, Doctor Lerrigo!

Medical Adviser for Kansas Farmer Highly Honored

YOU know Dr. Charles H. Lerrigo. He is a friend to thousands of Kansas Farmer readers. Last week our good doctor was honored for making the outstanding contribution to public health in Kansas. This honor was given him at the sixth annual meeting of the Kansas Public Health Association, held in Topeka. Doctor Lerrigo has been the medical adviser to Kansas Farmer readers since 1916—more than 30 years.

Born in Birmingham, England, in 1872, he moved to Morris county, Kansas, after worrying his family for 4 years to allow him to go out to Kansas and ride a cow pony. In those days, around Dwight and White City, big droves of Texas longhorns came thru on their way to Kansas City from Abilene and Dodge City. The boy got his cow pony, went to school in White City and earned money for more education.

Graduating from medical school in the big city of St. Louis in the last years of the 19th century, the young doctor came to Topeka to hang his shingle in the breeze and announce himself as a doctor of medicine. Already blessed with a wife and baby, he had scraped his way thru medical college and carried off a cum laude diploma, despite the need for earning his own way.

People needed doctors more than we do nowadays, but since the aim of the 19th century profession was limited to keeping people alive, without regard to the buoyancy of health that makes life really worth living, people called a doctor only when very definite, perhaps terrible trouble, impended. Midwives took care of most baby cases. Those who did engage doctors paid \$10 for their babies instead of \$50, and the things that brought good income were the protracted cases of typhoid fever, which was very common; diphtheria, and smallpox which was a common disease.

Doctor Lerrigo had been vaccinated against smallpox, so he was not alarmed when a visitor came into his office with pustules pervading every



Dr. Charles H. Lerrigo, health adviser to Kansas Farmer readers for more than 30 years.

anxious lines faded out of the father's forehead and a welcoming smile came to the mother's face when he could say, "Nothing he won't get over. Let me have some hot water and a towel. And don't you ever again wait until midnight without calling me."

Yes, the farm work was the thing. Often he would start to see a country case and the party line would begin to ring before he had been properly seated at the bedside. "The Hardy's say won't you stop to see Grandma as you go back?" "Unk Jenkins will have a better night if you stop." "Martha So-and-So doesn't know whether she can go thru another day. She's had pains already."

It was from such experiences that Doctor Lerrigo began writing health stories. It wasn't because times were slack or income low. He didn't know that such stories would sell until he sent a yarn entitled "Eight Dollars a Visit" to a farm paper. The editor published it as a 3-part serial, and paid him about as much money as he would collect for a whole month of visits. It was a good life, and looking back thru 40 years the doctor would almost wish to repeat it. He could do so much better now that people know so much about clean hands and pasteurized milk and immunization against diphtheria and like things.

Well, about this time the Kansas Farmer (which was The Mail and Breeze) acquired an editor named Charles Dillon—quite a noted man who had taught at the Aggie College. He said: "Why do you send your stuff all the way to the East for printing?" The innocent reply of the young doctor told the truth in a couple of words, "Sixty dollars!" "Why not the Capper Publications?" In that day the doctor had not reached the fifth decade of medical practice that he now boasts, and had not earned the 25 Year Capper Pin that now adorns his coal lapel; but already he had learned to be proud of the Capper family. He closed with the offer and for many years has been Health Adviser to Kansas Farmer. He also writes health articles and answers medical questions for Missouri Ruralist, Michigan Farmer, Ohio Farmer, and Capper's Farmer, all published by Senator Arthur Capper.

During the years he has served as a member of the Kansas State Board of Health, and was largely responsible for the organization of the Kansas society for the study and prevention of tuberculosis. Doctor Lerrigo now is executive secretary emeritus of the Kansas Tuberculosis and Health Association.

### Party for Grown-Ups

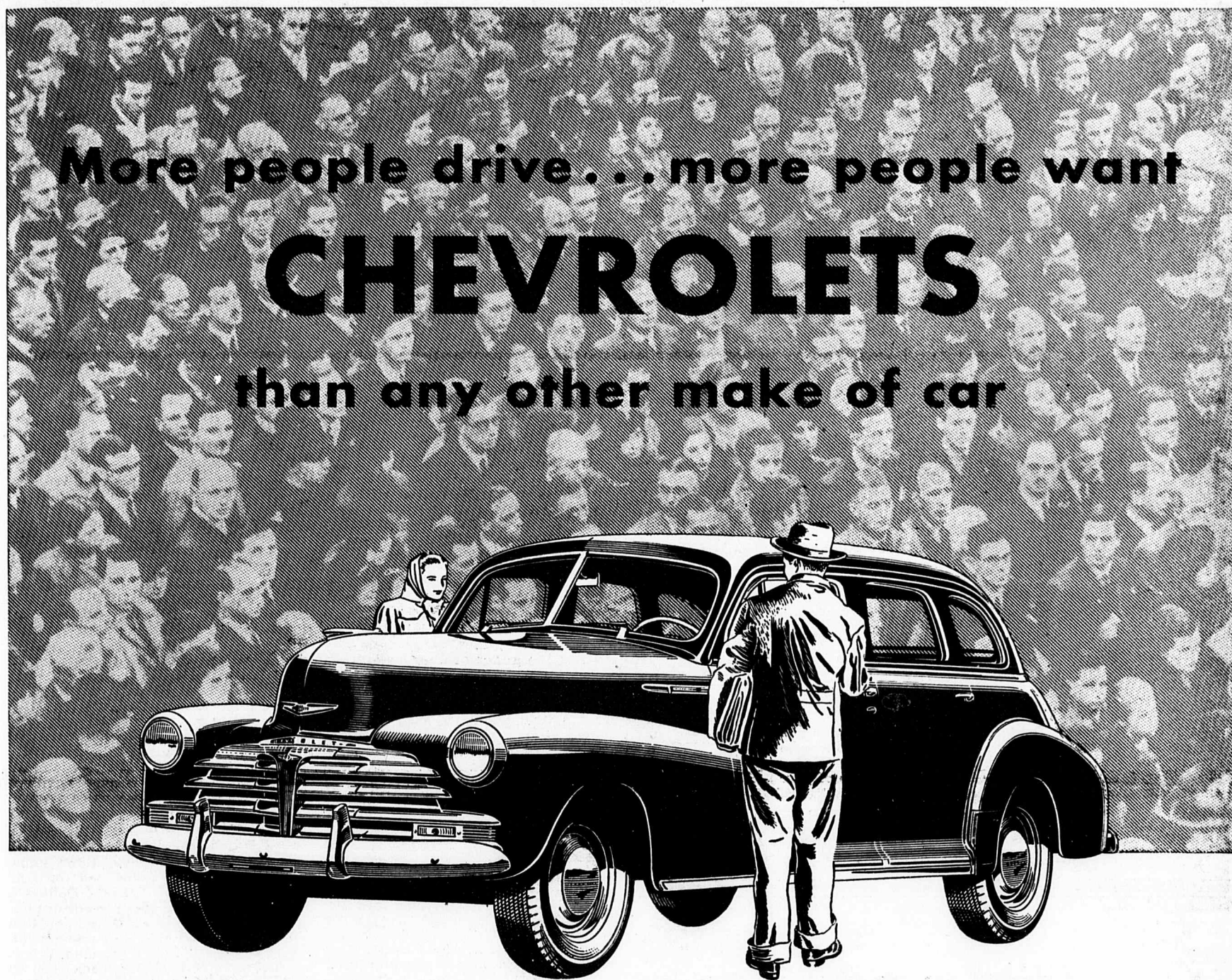
A brand-new bulletin is just out . . . with party suggestions suitable for a class reunion or club party. There are many interesting games and stunts that will give all a hilarious time. To order, send 5 cents to the Entertainment Editor, Kansas Farmer, Topeka. Ask for "A Kid School Party for Grown-ups."

feature. He hurried the young man into his buggy that was standing at the hitching post, and in 30 minutes had delivered him personally to Topeka's pesthouse. Two weeks later, when an older doctor who was really busy, had entrusted Doctor Lerrigo with his practice while he took a vacation, the smallpox made a comeback and the young M. D. made a self-diagnosis. It shut him out of that nice job of being physician to a host of Topeka's best citizens, but fortunately his boyhood vaccination drew for him the reprieve of a mild case.

About this time Doctor Lerrigo, whose youth compelled or impelled him to wear a beard, found calls from the country increasing. He had bought a nice bay mare from a young farmer living near Elmont, about 8 miles northwest of Topeka. The farmer's wife put in a 2 A. M. call to which the doctor reported about 4:30 A. M. and found a beautiful case of appendicitis—not so well understood in those days as now. The farmer got well and the doctor gained much credit.

Always a lover of fields and farmers, Doctor Lerrigo was able to put uncommon energy into his farm practice. It was not then a light and pleasant job to make farm calls. His horse had to give way to a team from the livery barn—a great institution of that day. To a team of stout horses, pulling a 130-pound doctor in a light buggy was no great trick, even if the roads were long and the mud was deep. So altho the doctor had to drive with a lantern swinging from the pole of the buggy, and altho he might be a shivering, wet-to-the-skin individual when he finally saw the lighted windows of the farmhouse and heard the dogs bark as they jumped to meet him, he generally made it. And what a compensation it was to see the





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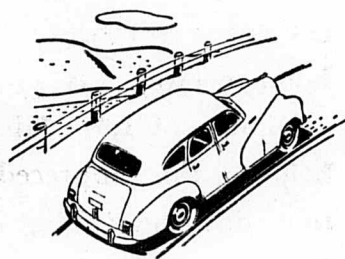


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You and your family will enjoy Big-Car comfort and safety, too—thanks to the Knee-Action Gliding Ride, Unisteel body-construction and Positive-Action Hydraulic Brakes—another combination of features found only in Chevrolet and higher-priced cars.

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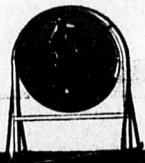




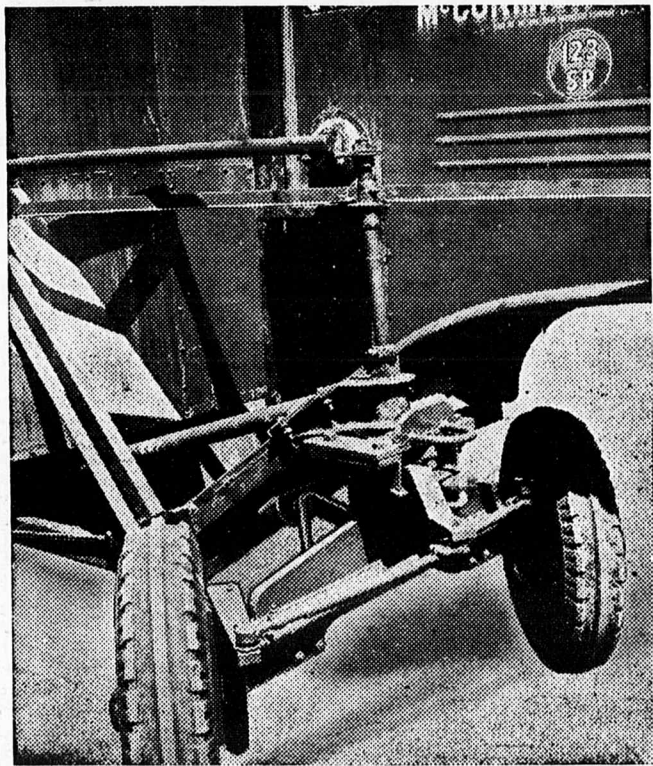
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## What Makes Cattle Run?

By E. G. KELLY, Kansas State College

This article was written by Mr. Kelly in answer to requests from readers. Here is the latest, most complete information on the subject of cattle-grub control. No doubt you will wish to clip this article and save it for future reference.—R. H. G.

**T**HE annual tonnage of beef trimmed from carcasses and condemned by federal meat inspectors because of cattle grub injury, is a heavy loss. Trimming an average of 2 pounds of meat from the loin and ribs of grubby carcasses amounts to a waste of more than 12,000,000 pounds every year.

One important insect problem of the owners of beef and dairy cattle is cattle grubs. These grubs cause losses to hide and flesh, and to milk production. The flies, by chasing the animals, cause severe losses to the lives of cows, and especially to new-born calves.

These losses to cattlemen and dairy-men are not necessary. The grubs can be removed from the backs of the animals, preventing the maturing of adult flies.

Heel flies—that produce the grubs—lay most of their eggs on the stiff hairs under the dew claws of the hind feet of cattle. Sometimes they miss the feet, and lay eggs on hairs higher on the leg. Eggs hatch in 4 to 6 days during normal spring weather. The tiny grub bores a hole thru the skin and enters the flesh for feeding. Gradually working its way up the leg and down across the ribs to the gullet, the grub usually reaches the gullet in July or August. The grubs feed for a few weeks in the lining of the gullet, then work their way thru the flesh to the back. Upon reaching the skin on the back, the grub makes a hole thru the skin. Soon after making the hole thru the skin, the grub places its two spiracles, located on the tail end, into the newly-made hole, so it can breathe. It places the other end, on which is located the mouth, into the flesh. It is not long before there is a large bump or tumor on the back of the animal.

### Grubs Make Holes in Hide

The grubs make the holes thru the hide of the animal during November in Texas and New Mexico, and in December and January in Kansas. It is while the grubs have their breathing spiracles in the hole that treatment is effective. The cattle grower can determine the best time and method to treat his animals by carefully examining them for the bumps. When the bumps begin to appear, it is time for the first treatment. It is always best to check the results of the first treatment in 20 to 24 days. If some of the grubs were missed or others have made holes thru the hide, then the "check-up" treatment will control those remaining.

While many substances have been applied to cattle to repel and prevent the heel flies from laying their eggs, or to kill the eggs deposited on the hairs, they have not proved effective or practical. All experimental work has demonstrated that the best time to attack the pest is when the grubs are located under the skin on the back of the animal and may be reached thru the holes

they have made in the skin. Each grub which is permitted to develop and transform to a heel fly may produce a female fly capable of laying 300 or more eggs.

The picture of a chart—shown with this article—prepared for cattle grub lessons shows quite well where the heel fly lays her eggs; she lays them on the heel beneath the dew claws. The fly lays the eggs during April and May and is well indicated by the cattle running from the flies. The cattle throw the tail high into the air and run as fast as they can, trying to get away from the fly. Often the cattle will run into water holes.

The dotted line on the picture from the heel up the leg, down across the stomach to the esophagus, indicates the first part of the trip the grub makes. When it reaches that part of the throat known as the weasand, they burrow thru it to the inside layer of mucous membrane. They reach the weasand in late July to early September. It appears that the small grubs feed on the tissue of the weasand and cause considerable inflammation.

The second part of the trip for the grub is shown by the dotted line from the weasand to the back. In order for them to reach the back they must burrow thru the flesh of the front quarter; in other words, the shoulder meat, and they finally reach the back about the middle of December. When they reach the back they wander around quite a lot to find a suitable place in which to make the hole. Once they get the hole made they put their spiracles (nose) into it and breathe air from the outside. Shortly after making the hole, the grub makes a cyst about itself and that cyst becomes quite large as the grub continues to grow. The grub completes its growth in the cyst along in January or February. When the grub is full grown it turns black and becomes mobile. When it falls from the back of the animal it can and does crawl to safety where it changes to the adult.

The enlarged cyst shows how well the grub is covered. The enlarged black case shows the pupa case in which the grub changes from grub to adult.

The heel flies are plentiful in many pastures during these warm days. Look for cattle running.

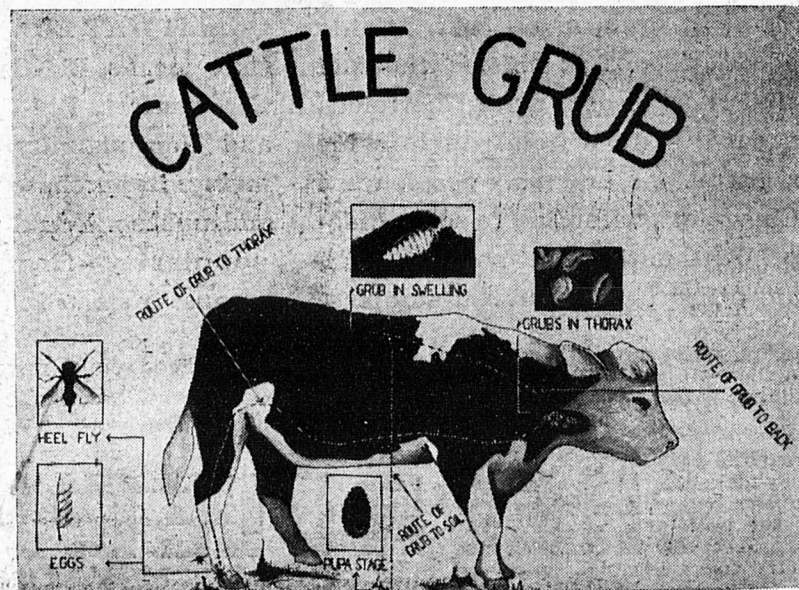
There seems to be no good way to use the new insecticides for combating the cattle grubs. DDT, BHC, Chlor-dane, and Toxaphene are good materials for combating horn flies, but the spraying does not reach the heel fly.

There are 4 good ways to combat cattle grubs:

### Squeezing Out the Grubs

Squeezing out cattle grubs in early winter is a good way to combat this pest. This is an especially good way for the dairyman who has only a few head of cows and a few head of calves. Squeeze out the grubs just as soon as they appear in the backs of the cows. At the time they appear in the cows they are also appearing in the calves. Get the calves into the lot and get out the grubs.

During the last 15 years research  
(Continued on Page 17)



Starting at the heel, dotted line shows the route the grub travels up to the thorax, then on to the back.



workers have discovered, and Extension specialists have demonstrated, that finely ground powder of the roots of the derris, timbo, or cube plants, the active ingredient of which is rotenone, properly applied as a wash, dust, or spray to backs of infested animals is effective and no injury to the animals results.

#### Spraying

Spraying has proved one of the effective ways to treat large herds, or herds of more than 100. Mixtures that give good results were made as follows:

Put  $7\frac{1}{2}$  pounds of cube or derris (having a 5 per cent rotenone content) into the tank. Pour onto it about 5 gallons of water and stir until the powder is wet. Then add enough water to make 100 gallons. This mixture must be kept well stirred thruout the treatment, or it will settle out.

These mixtures give excellent results when applied correctly. The best way to apply the spray mixtures is to keep the pump at 400 pounds pressure at the gauge and apply with a "drive" spray nozzle, which makes a fine spray. The nozzle should be held about 16 inches from the back of the animal; thus a cone of about 6 to 8 inches will develop.

Cattle were treated during the winter when temperatures were below zero, and apparently there was no harm to the animals. The cattle dried very quickly. Since cattle may need treating during very cold weather, one will need to exercise great care in handling the machinery to keep it from freezing. The pipe and pump will have thin films of water that will freeze quickly and cause the parts to stick. Drain well for overnight or before moving, or put it in a building that is warm.

#### Dusting

Application of the prepared dusts is made by hand. This method is convenient for the farmer who has only a few head of beef cattle and for the dairy-men.

The approved mixture is made of 1 part derris or cube (having a 5 per cent rotenone content) mixed with 2 parts tripoli earth or pyrophyllite. This makes a 1.66 per cent rotenone powder. These dusts are applied to the back of the infested animal with care so as not to make a fog of the dust, and, then it is rubbed into the hair. Rub it vigorously so as to remove the scabs from the bumps made by the cattle grubs. The best applicator is made with a wide-mouth pickle bottle having a screw-top lid. Punch 8 to 10 holes in the lid with a 20-penny nail. A big advantage in using the dusting method is that it may be applied any time during the winter. It may be applied to 1 grub or a dozen, and applied the very first day the grub makes it hole thru the skin.

#### Caution

The dust made with tripoli earth or pyrophyllite is for dusting only and MUST NOT be used in water for washing, dipping or spraying.

#### Washing

The washing method has been one of the good ways to treat for the cattle grub, and incidentally, it gets a lot of lice. The wash must be applied with vigor, and care must be taken to rub the solution into every hole that has been made.

Mix well 12 ounces of cube or derris (having a 5 per cent rotenone content) with 12 ounces of wettable sulfur. Add a small amount of water to make the mixture wet, then fill the container to 1 gallon of water. Stir, and it is ready for application. Put just enough on the back of the animal to get the hair and hide wet, along the back. Work from the shoulders to the tail bone and down the side to reach the last grub. A scrub brush made of palmetto will stand a lot of use and will not get soft. The common bristle brushes will get soft and be of little use. One may use a metal currycomb, but this must be used with care so the skin will not be torn. One gallon will usually treat 25 to 30 yearlings.

#### Time to Treat

Treat the young grubs just as soon as they make the hole; the hole can be discovered by gently rubbing the hand over the back of the animal. Treat early and repeat in 20 to 24 days. The third treatment should be 20 to 24 days after the second. For gentle animals, examine them for later appearing grubs and treat each late individual. Get the last one.

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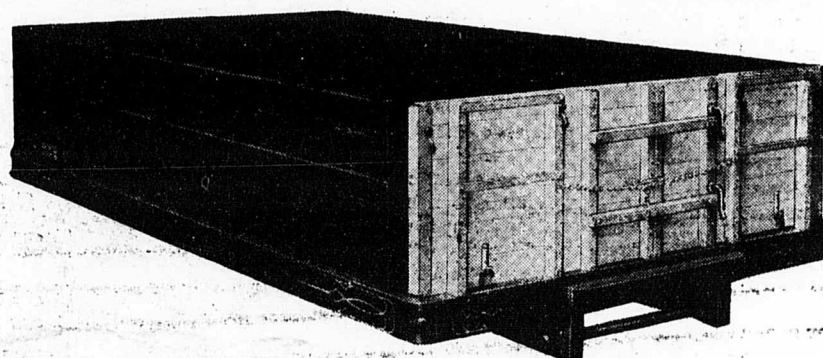
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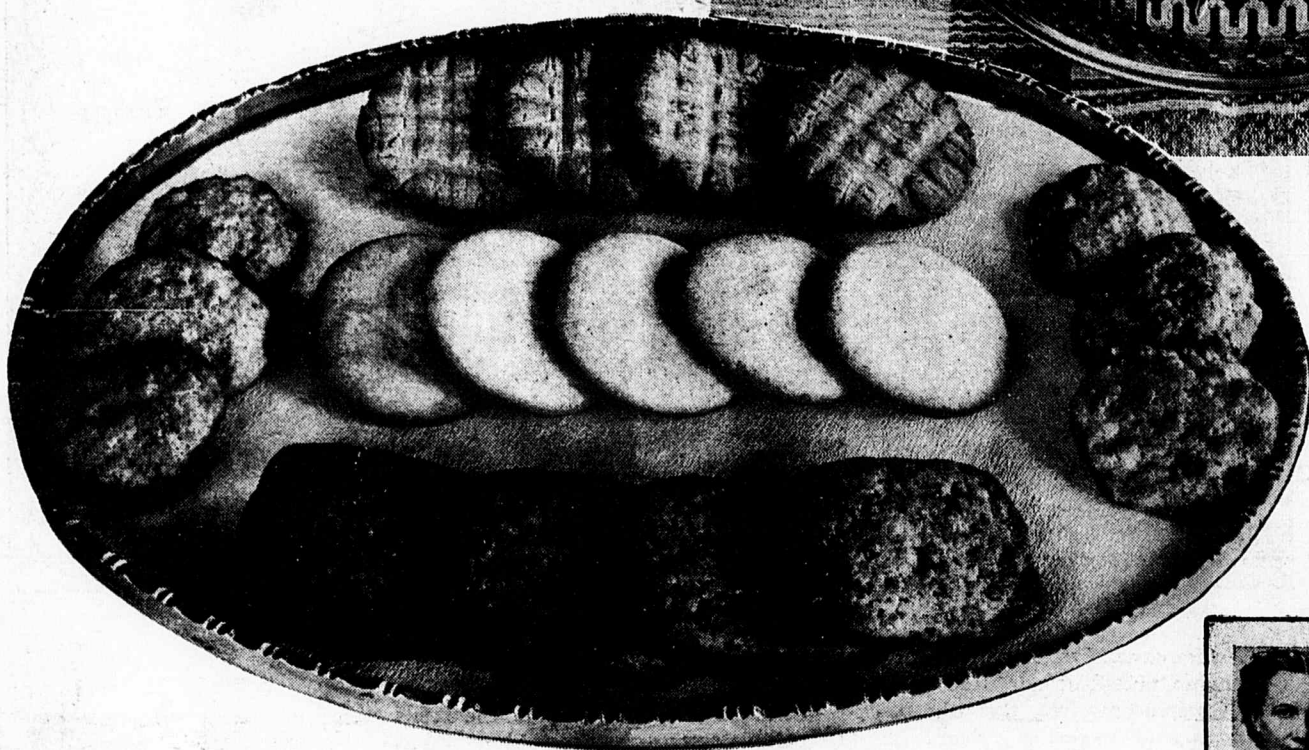
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# the soybean

## has merit

By Lillian Watkins



For truly fine flavor and high nutritive value, baked soybeans offer more than other dry beans.

Part soy flour and peanut butter give cookies all the young folks ask for in mother's treats.

**P**LANTING soybeans in the garden as well as in the field is a practice of considerable significance. The soybean helped to win the war . . . it contributed oil for almost every purpose under the sun, and food for the hungry.

The main reason for growing soybeans in the home garden is that they taste good. There is no better reason. The fact that they are one of the finest foods from the standpoint of human nutrition is secondary. The finest food in the world is not acceptable if it does not please the palate.

Soybeans are the best source of 2 of the most expensive foodstuffs . . . protein and fat, but that's not all. Soybeans are 40 per cent protein and rank in the class with milk, eggs, meat, fish and cheese. The iron of soybeans is higher than of many other foods, and it is well utilized in the body. It also is high in calcium and vitamins.

As for varieties suitable for the garden there are important choices to make. Some of the field varieties are too oily for the table. First choices probably are Bansei, Higan and Funk Delicious. Roku-sun and Imperial also are good.

A mixture of as little as 5 parts of soy flour to 95 parts of white wheat flour contains 19 per cent more protein than the wheat flour alone, and also has twice its growth-producing value. Soy in wheat flour holds moisture, keeps the baked goods fresh longer. Meat and soy mixtures hold fat and do not shrink upon cooking as does meat alone.

If the quality of the beans or soy products is good, if they are cooked properly and seasoned well, the homemaker may have confidence that the family will find soybeans to be a favorite dish.

Green or immature soybeans of the vegetable type are similar to green peas or lima beans in appearance and flavor. As they are ready to use in late August or September, a time when other green vegetables in the garden are scarce, they are especially welcome.

The beans are ready for use when the pods are plump but still green. For most varieties, this period lasts from 10 days to 2 weeks. The garden supply of green soybeans may be lengthened by plantings made at 2-week intervals or by planting varieties with different maturity dates.

The pods on a single plant usually mature un-

iformly enough to warrant pulling the entire plant, thus making picking the pods a less tedious process. It is important that the beans be used as promptly as possible after they are pulled if the best flavor is to be expected.

Having a tough pod, hulling can be an almost impossible job, but there is a way, even an easy way. Drop the pods into boiling water and leave them for 5 minutes. Then simply push the beans out.

Soybeans stay firm even when cooked, so don't expect them to be soft or mealy. Since the green beans are rich and have a pleasant, nutty flavor, they may be served simply with only butter or meat drippings as seasoning or combined with other vegetables in a salad.

Now for the dry beans. They have special uses, too. They must be picked over, washed and soaked overnight in twice their volume of water. The next morning, pour off the water, add fresh water and cook. In a pressure saucepan, cook at 15 pounds pressure for about 20 minutes.

Meat dishes may be extended with soybean flour or grits in place of bread and cracker crumbs, rice or potatoes. This will increase the nutritive value remarkably. Fried mush made from half cornmeal and half soy grits from the grocery is quite good and the soy grits make browning easier.

Soy flour may be purchased from any grocer these days and homemakers have learned to use it combined with wheat flours. Other than a possible change in liquid, it is not necessary to change the proportion of ingredients when substituting any type of soy flour into a basic recipe. More liquid and additional salt improves the product.

In recipes calling for whole wheat flour, it is possible to use more soy flour than with recipes calling for white flour.

### Baked Soybeans

- |                        |                                  |
|------------------------|----------------------------------|
| 1 cup dry soybeans     | ½ cup tomato catsup              |
| ¾ teaspoon dry mustard | ½ cup hot water                  |
| 1¼ teaspoons salt      | ¼ pound diced salt pork or bacon |
| ½ teaspoon pepper      |                                  |
| 3 tablespoons molasses |                                  |

Soak the dry soybeans in water overnight. Drain, add fresh water and cook until tender before seasoning. Combine the beans with the re-



## Homemaking

By Florence McKinney

maining ingredients except the salt pork and place in a baking dish. Cook pork or bacon in frying pan until light brown. Add the drippings to the beans and place the pork on top. Bake in moderate oven (350° F.) for 1½ to 2 hours. Six servings.

### Soybean Salad

- |                              |                                |
|------------------------------|--------------------------------|
| 2 cups soybeans, cooked      | ¼ cup celery, diced            |
| ¼ cup sweet pickles, chopped | 2 hard-cooked eggs, chopped    |
| 2 tablespoons onion, diced   | ¾ teaspoon salt salad dressing |

Combine all ingredients and add salad dressing and toss lightly. Serve on lettuce and other salad greens. Four to 6 servings.

### Soybean Meat Loaf

- |                          |                               |
|--------------------------|-------------------------------|
| 2 cups lean beef, ground | 1 cup milk                    |
| 1¼ cups soybeans, cooked | 2 teaspoons salt              |
| 2 eggs                   | 1½ tablespoons onion, chopped |

Cook soybeans until tender and put thru a food chopper. Combine meat and soybeans thoroly. Add milk, egg, salt, onion and mix. Place in greased muffin tins or make into a loaf. Bake in a moderate oven (350° F.). Eight to 10 servings.

### Soy-Peanut Butter Cookies

- |                     |                         |
|---------------------|-------------------------|
| ¾ cup shortening    | 1¼ cups flour, sifted   |
| ¾ cup peanut butter | ¾ cup soy flour, sifted |
| ½ cup sugar         | ¾ teaspoon salt         |
| ½ cup brown sugar   | ½ teaspoon soda         |
| 1 egg               | 1 teaspoon vanilla      |

Cream shortening and peanut butter together. Mix sugar and brown sugar and blend into shortening mixture. Add eggs and vanilla; beat until smooth. Sift the flour, soy flour, salt and soda together twice. Add to the first mixture. Stir thoroly. Roll portions of dough in palms of hands until small balls are formed. Place balls on ungreased baking sheets about 1½ inches apart. Flatten with tines of fork. Bake in hot oven (400° F.).



## Extra Shelves Give Extra Room



Waste space has been utilized by making step-shelves at a height which makes shelves fit articles to be stored.

**W**HETHER you have a kitchen cabinet, like the one pictured, or modern built-in cabinets in your kitchen, you can increase the storage space by making better use of the room between shelves. This can be done easily with little or even no expense if someone in your family is handy with a saw and hammer.

Shown here is one cupboard, before and after step-shelves were built and placed in it. Step-shelves such as these can be made from scrap lumber often

found around the place. These handy shelves may be made to fit the width of the cabinet space and the height of the articles to be stored there. Then sandpaper and paint the shelves and they will be attractive as well as useful. If you place the step-shelves back from the edge of the cabinet as shown in the picture of the finished cupboard, the space on the doors can be used for storage racks.

These racks are especially handy for spices and other small items.



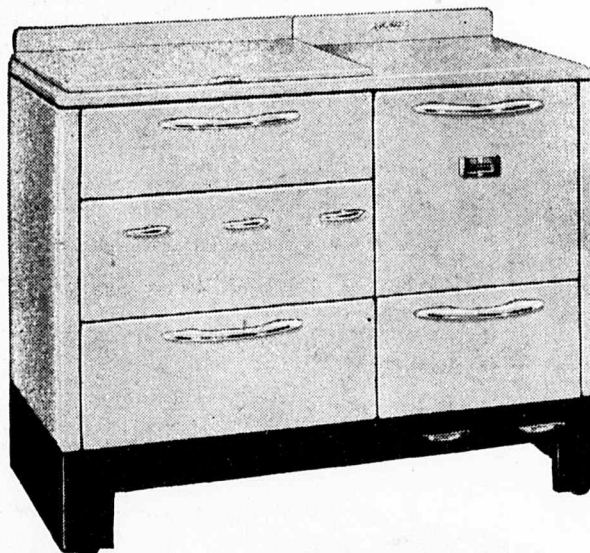
Before remodeling—A kitchen cabinet before shelves and racks were added. Note waste space between shelves.

## Made for the Busy Housewife



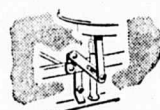
If there are tiny tots in the family or large washings, this tablecloth will be a godsend. It's made of plastic and comes at budget prices. It is resistant to food stains and the surface may be kept clean by wiping with a damp cloth. Dishes containing hot foods may be placed upon the cloth without damage. All this and attractive, too!

The range that gives you modern beauty and top performance!



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### BONHEMIAN KOLATCHEN

2 pkgs. Red Star Dry Yeast  
1/2 cup warm water (100°-110° F.)  
1 cup butter  
1/2 cup sugar  
5 1/2 cups sifted flour (approximately)  
Cream butter and sugar, add eggs, one at a time, salt, lemon, the dissolved yeast, lukewarm milk and the flour, gradually. Knead until smooth and elastic. Cover and let rise until double in bulk, about 30 minutes. Roll out 1/2 inch thick on floured board and cut with biscuit cutter into 3" rounds. Lay on well greased pans, not too close together. Press down center of each so as to raise a ridge around the edge. Let rise until light. Brush with stiffly beaten egg white, sprinkle with granulated sugar. Fill 1 pound cottage cheese filling made by combining 1 pound cottage cheese, 1 whole egg, 1 egg yolk, 6 tablespoons sugar, pinch of mace, 1/4 teaspoon salt, 1/2 cup raisins. Bake in moderately hot oven, 375° F., 10 to 12 minutes. Makes 2 1/2 dozen.



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Dry Yeast

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FOR EATING · FOR BAKING  
Always Fresh!

**RED STAR DRY YEAST**



Full to the Brim  
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**Delicious  
Flavor**



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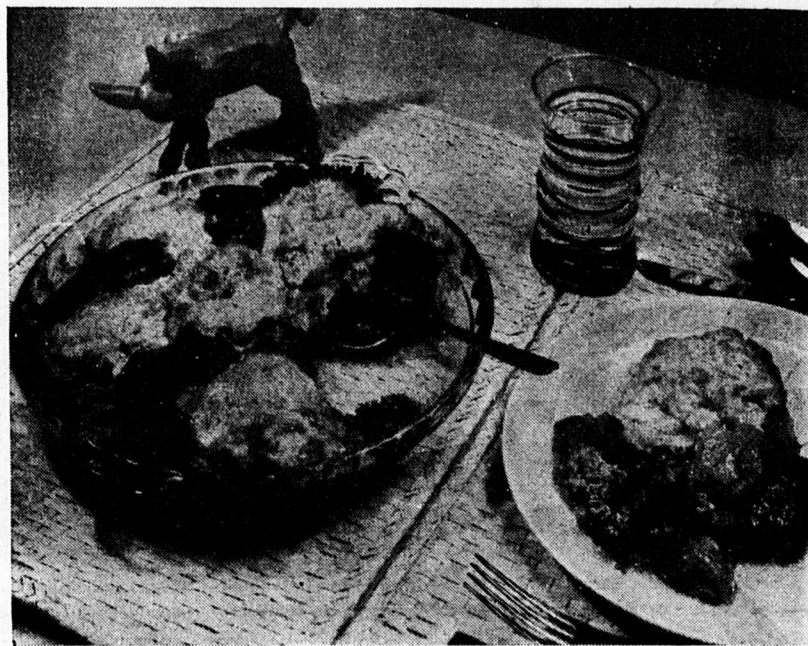
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**Butter-Nut**  
"The  
**Coffee**  
DELICIOUS"

## Hamburger Pie Tops List



### Hamburger Pie With Savory Biscuits

#### FILLING

2 tablespoons	1 onion, sliced
butter	1 pint tomatoes
1 pound	1 teaspoon salt
hamburger	¼ teaspoon pepper
	1 tablespoon flour

Heat fat, cook onions and meat in hot fat until both are brown. Add tomatoes, seasonings and flour. Pour the mixture into a well-greased glass or metal pie-plate.

#### BISCUIT DOUGH

1½ cups flour, sifted	½ teaspoon salt
2 teaspoons	1 teaspoon celery salt
baking powder	4 tablespoons
1 teaspoon	shortening
parsley, chopped	¼ teaspoon
¼ teaspoon pepper	poultry
1 teaspoon	seasoning
paprika	¼ cup milk

Mix dry ingredients. Cut shortening into the flour with a pastry blender or 2 knives until it is the size of peas. Add milk, mixing only enough to combine flour and liquid. Drop large spoonfuls of the dough on top of the meat mixture. Bake in hot oven (425° F.) for 20 to 25 minutes. If in a glass dish, serve directly at table.

### For the Flared Skirt

The new flared skirt can be a problem to the inexperienced . . . even the professionals. It requires special care if they are to hang well and avoid sags and puckers. Cut edges may stretch out of shape.

To avoid that stretch is the goal. One rule to remember is to work from the bottom up to save pull on the fabric. Use weights as well as pins to hold the paper in place for cutting, and cut

spoil the smooth hang of the flare. Therefore, finish simply by pinking and edge stitching. The extra line of stitching at each edge helps prevent stretching and breaking. Press seams open and in pressing take care not to pull or stretch. Instead of pushing the iron up and down, pat the seam with it.

Finish all the skirt but the hem, then let it hang 2 or 3 days to let it take on its normal shape before marking the hem. If the skirt is very full, the hem should be no deeper than 2 inches to prevent bulkiness.

### A Mother's Day Party

The portraits of the Madonnas will be an interesting theme for a Mother's Day party. Select a good speaker who has the time to study the subject and tell the story well. Or select several women, each of whom will tell the group about one of the Madonnas. For example, Raphael painted the world's masterpiece, the Sistine Madonna. Additional biographical material is available in libraries, even the encyclopedia. Pictures of various Madonnas may be collected for the party.

This type of party will be an acceptable change from the too-sentimental poetry, stories and sermons that most mothers do not like.

A tea in which white flowers decorate the table and rooms will be appropriate for a Mother's Day party. For refreshments, choose a white salad, vanilla ice cream and white cake. If the snowball bushes are in bloom, you will be lucky indeed. Cut the long stems and arranged in large containers, they transform a room.

An all-white and silver tea table is especially lovely for a Mother's Day affair. No color in the china and the silver service on white lace or linen and a centerpiece of white flowers produce an effect long to be remembered.

#### Mother's Day Salad

1 pound can tuna fish	½ cup diced celery
1 cup white grapes	½ cup mayonnaise
	½ cup chopped nuts

Peel grapes, seed and cut in half. Drain tuna and flake. Add celery, nuts and mayonnaise. Mix lightly. Serve on lettuce cups, cold.

### To Who! To Whom?

To who! To who!  
Says the owl in the tree,  
He hasn't learned his pronouns.

To whom! To whom!  
Say boys and girls,  
Because they know their pronouns.  
—Camilla Walch Wilson.

from the bottom up with long strokes of sharp shears. Handle the fabric as little as possible in cutting to avoid stretching.

When pinning the pieces of the skirt together, pin bottom and top first, then match the notches exactly and pin at this point. Finally, ease the pieces together for the rest of the seam line. Place pins at right angles to the cutting edge, rather than parallel for smoother cutting and basting.

Baste from the bottom up, using the exact seam allowance given in the pattern directions. After fitting the skirt, stitch the seams from bottom up. If 1 piece is cut on more of a bias than another, lay it on the bottom where it will get less pull during the stitching.

Too much finishing of seams may

### Entertainment Helps

There are suggestions for games for the house party or the outdoor party you will want to have in May, in our new leaflet, "15 Games for Indoors and Outdoors." Price 3c.

Then, if you are entertaining at a cradle shower, our leaflet, "Surprise Shower for the Prospective Mother," will offer good suggestions. Price 3c.

You will be interested in the plays, "Major Bow-wow's Amateur Hour," "At the Hamburger Stand," and "An Old Maid's Club Meeting." We shall be glad to send all 3 to you for 10c. These have been popular since publication late last fall. Please address orders to Entertainment Editor, Kansas Farmer, Topeka.



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### 1. Washes clothes cleaner!



Yes, cleaner than any soap made! *Everything* comes cleaner, even grimy work clothes. Tide not only leaves clothes free from ordinary dirt—but actually removes dingy soap film as well.

### 2. Actually brightens colors!



Brightness perks up like magic as Tide makes soap film disappear. Washable colors that have become soap-dulled actually come out *brighter* with Tide!



### 3. Never "yellows" white things!

What a blessing for shirts, sheets, pillowcases! No matter how often you wash them or how long you store them, Tide *can't* turn them yellow!

### 4. Gives more suds—Prove it in your dishpan!

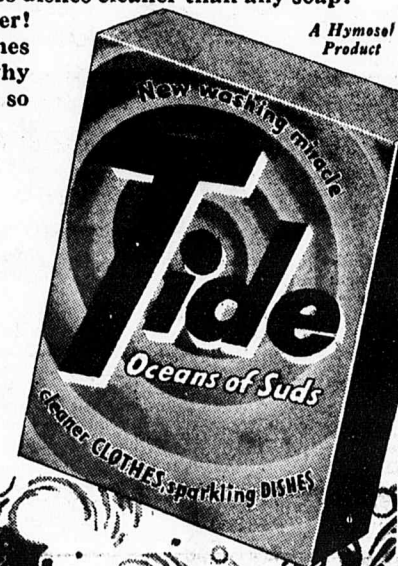


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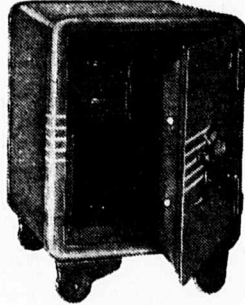
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City..... State.....

## A Country Woman's Journal

By MARY SCOTT HAIR

"I thought I would wash, but neighbor Ann  
Is planting potatoes today,  
I think after all my washing can wait  
I'll start cutting spuds right away.

Though my soil is wet, I can't have it  
said  
That my neighbor's garden is one day  
ahead!"

—Mary Holman Grimes.

In the book, "My Father's World," by Merton S. Rice, there's a chapter which is a favorite of mine, called "The way of a seed in the soil."

"Who knows the way of a seed in the soil . . . any seed?" the author asks. Then he goes on to say, "When I first read the very interesting account Charles Darwin gives of the number of seeds he was able to germinate from one little ball of mud taken from the tiny foot of a sparrow captured along a country hedgerow, I began to wonder whether anyone has ever made a real collection of seed. I have never seen one. I have never heard of one. If I were not so busy preaching, I think I would start such a collection now."

When I buy a package of seed at the store or from a neighbor's little boy who sells them from door to door to earn his spending money, I feel as if I'm buying a dime's worth of mystery.

"In this bright little package, now isn't it odd?

You've a dime's worth of something known only to God."

The Indians call this time of year the Planting Moon. The old Buckskin calendar divides the seasons up in such a way that the Planting Moon, or the

Song Moon as it is called also, comes in Blossom Season and has a wild rose for its symbol.

It is my ambition to learn more about butterflies. I have observed at various times that certain butterflies are attracted to certain flowers, for example, the Monarch butterfly seems to prefer the milkweed plant, the Painted Lady is found where thistles grow and the Red Admiral gets its nickname "nettle butterfly" from the fact that it is always hovering over the blossoms and leaves of the common nettle.

And so, with Richard Le Gallienne I'll be saying,

"I meant to do my work today . . .  
But a brown bird sang in the apple tree,  
And a butterfly flittered across the field  
And all the leaves were calling me."

### What Does He Sell?

Young Johnny-jump-up keeps an up-to-date shop

With the jolliest things for sale!  
Hens and chicks and Queen Anne's lace  
And pussy willows without tails.  
Indian paint brushes, colored red,  
Solomon's seal and clover,  
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Sweetest the wide world over.

Now you can tell what John has to sell  
While his four o'clocks keep perfect time?

He wants you to linger, peep thru the window

And read what he has on his sign.

—Camilla Walch Wilson.

## Sew for Summer



**9280**—For the young girl, a pet frock with a lifted hemline and a suggestion of a ruffled petticoat. Sizes 10 to 16. Size 12 requires 3 3/4 yards of 35-inch material.

**9109**—Two wee frocks for fun. One with a wide yoke, the other pinafore style with ruffles. Sizes 2 to 10. Size 6 with puff sleeves requires 1 3/4 yards of 35-inch material and 3/4 yard of contrast. The other requires 2 1/2 yards.

**9208**—An all-occasion dress with smart lines, slanting from neck to hip.

Sizes 12 to 20 and 30 to 42. Size 16 requires 2 3/4 yards of 39-inch material.

**9164**—This scalloped two-piecer is flattering to the large figure. Simple to cut, fit and sew. Sizes 34 to 48. Size 36 requires 4 3/4 yards of 39-inch material.

**4942**—Trim little blouse, easy to sew and easy to embroider. Transfer is included. Sizes 12 to 20 and size 40. Size 16 requires 1 1/2 yards of 39-inch material.

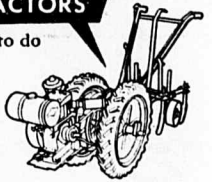
To obtain dress patterns send 25 cents to the Fashion Editor, Kansas Farmer, Topeka.

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Busy The Year 'Round  
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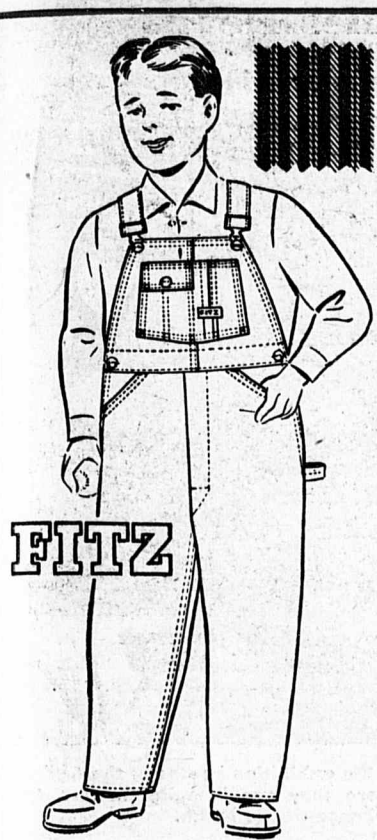
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ALWAYS CARRY  
QUICK RELIEF  
FOR ACID  
INDIGESTION





The average boy's overall gets harder wear than his dad's. They should be as well proportioned, as well put together and of the same hard wearing material.

F67 the 8-oz. Sanforized liberty stripe pictured here and a favorite with the boys, can be had thru your dealer from the Fitz Over-all Co., Atchison, Kan.

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**HEMSTITCHER**

Hemstitch on your sewing machine by using this easy-to-use attachment. Do crisp cross, circular, inlaid, plain and fancy hemstitching. Can also be used for making beautiful ruffs from cast off clothing or other materials. Directions furnished.

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Darns, mends, makes button holes on any sewing machine much faster and easier than by hand. Also sews on zippers, buttons and overcasts seams. Can be used for quilting and applique work. Easy instructions included.

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**For Mother's Day**



Mother will laugh when you give her this gift you have made for her. Buy a wooden mixing spoon. With crayons mark features and hair on the bowl of the spoon.

Look in the rags for old or new cloth suitable for making dishwashing cloths. Hem them with a running stitch. Make two.

Take another nose dive into the rag bag and select several worn pieces of cloth for the padding you will need for hot pot holders. Choose some gay cloth for the outside. Cut two rectangles of the pretty cloth, cut the inside padding

**Time for Company**

Bring out the broom, the brushes, the mops,  
Worn out shirts and gingham dresses,  
Tear them up for cleaning cloths,  
Wrap up your heads to spare the tresses.

Take a long look at your soft white hands

Before the scouring turns them gray.  
Mother decided at breakfast this morning  
House cleaning starts this very day.

Bring out the lotions, the hot pad, the salve,

The flurry is over, it wasn't too bad.  
Our house! It smiles, it glistens, it gleams.

Let's ask some folks over! suggested wise dad.

—By Camilla Walch Wilson

pieces half as large. Place the padding pieces on the rectangles and fold them like a book cover. Pin the cover and the padding here and there. Turn in the edges and blanket stitch around the holders. Baste a large X in running stitch on the holder to keep the padding in place. Make two.

Now dress the spoon. Tie the holders to the handle to resemble a skirt and an apron. Fold a dishcloth and wrap it to the handle just below the neck of the bowl, tying it in place with string. Use the other dishcloth like a cape. Tie a ribbon with a card attached around the spoon doll's head and give it to mother.

**Games for All**

We have arranged a new bulletin entitled, "Games for Young and Old." Complete directions are given for playing quiet games, noisy games, games inside the house and outdoors. To order, send 5 cents to the Entertainment Editor, Kansas Farmer, Topeka.



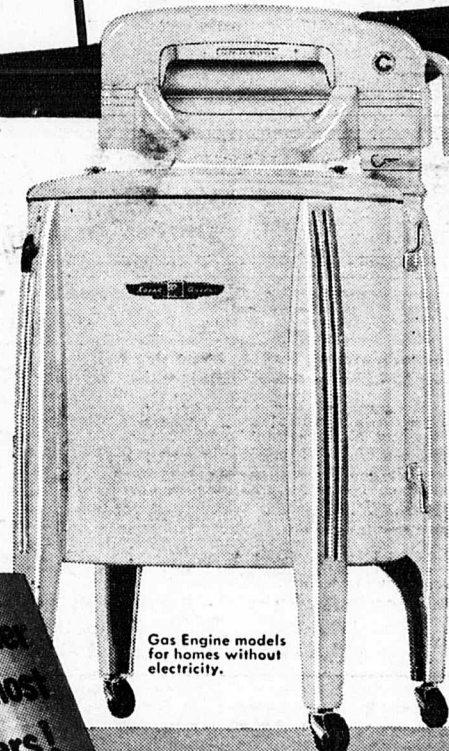
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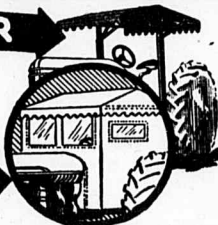
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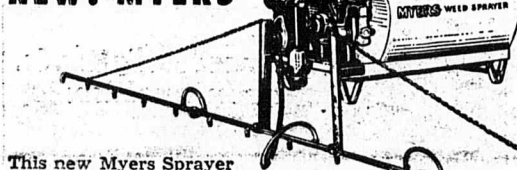
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## What the Ladies Heard

At Their Recent Conference in Hays



Mr. and Mrs. W. V. Stutz, Utica, visit one of the exhibition booths at the Agriculture-Industry-Science Conference, Hays. Here they are listening to Mrs. Roy Creed, Hays, who was in charge of the booth.

WILL sugar maples grow in Kansas? Is it true our state has more than 11,000 "gifted" children with IQ's equal to or greater than those computed for such men as Washington and Lincoln? Is "hidden hunger" a mere catch phrase, or does it menace those who inhabit one of the richest states in the Union?

These and many other stimulating questions were asked and answered in a lively, 2-day home panel sessions held April 8 and 9, at Fort Hays State College, Hays, in conjunction with simultaneous meetings on agriculture and science, all 3 groups composing this year's Agriculture-Industry-Science conference.

Several hundred farm women of the Hays area took time out from busy spring farm and home work to attend as many of the sessions as they could.

What about sugar maples, and why won't they grow out here in Western Kansas? Well, they will, and the authority for this assertion is L. R. Quinlan, professor of landscape design at Kansas State College, Manhattan. "The reason so many sugar maples won't grow is because their lower branches have been cut too soon. Never take off the lower branches on a tree until the branches above get wide enough to protect the tree," says Professor Quinlan. He adds, "Probably 90 per cent of the sugar maples planted in Kansas never live because they have no lower branches."

Professor Quinlan talked about trees and shrubs, adequate farmstead drives and walks, and about the importance of recognizing and appreciating natural beauty in the countryside. He opened his talk, which was illustrated by slides and color shots, by saying

that most farm homes would profit by "just a general cleanup," a comment which brought chuckles but no protests from his audience. He mentioned the value, both esthetic and economic, of a good coat of paint on farm buildings. And from this beginning—the clean, orderly, painted farmstead—he proceeded to discuss the enclosure around the home and the importance of judicious plantings. They include windbreaks, foundation plantings, and roses or other easily-cared-for shrubs for screening purposes. He cautioned against overplanting. Simplicity should be the keynote, he said, not elaborateness. Consideration should be given to planting shrubs and flowers requiring the amount of care and attention which the farm family can provide. He cited in particular the long hours of exacting work which are required to keep a formal hedge wearing a neat haircut appearance all summer long.

"Make your landscape design very simple," he said, "and use trees or shrubs that are either native or easily adapted to your region." He recommended redbud and the golden rain tree as examples of ornamental trees which will flourish in Western Kansas. "If you are going to plant 10 trees in your yard," said Professor Quinlan, "I would suggest 2 or 3 quick-growing Chinese elms, and then some American elms, green ash, hackberry and soft maples."

"Fruit trees, I think, are just as beautiful as any ornamental trees we have," he said, showing color pictures of blossoming peach and pear trees, and an avalanche of crab-apple trees covering a hillside.

(Continued on Page 25)



Ward W. Sullivan, Hays, left, served as general chairman for the Agriculture-Industry-Science Conference, held at Hays, April 8 and 9. Shown with him is Mrs. Karl Vonnberg, Hays, who was in charge of exhibits at the women's section of the conference.



In summarizing his discussion of trees, Professor Quinlan said the bur oak grows over a larger portion of the state than any other tree. The soft maple will outgrow Chinese elms 3 or 4 times, and the average life of the maple is 10 years, altho some are known to live 75 years or more. The pin oak is a popular member of the oak family of which 13 species are native to Kansas. The sycamore, Kansas Hawthorne, soap berry (China berry), wild plum, red cedar and the dependable American elm all are trees which grow well in Kansas. And last but not least, the beautiful cottonwood should not be overlooked, its late summer and fall coloring adding to the landscape.

Annabelle Dickinson, of LaCrosse, Rush county home demonstration agent, discussed nutrition. She pointed out that man's struggle in the past has been to get enough food, while attention to the quality of food is of comparatively recent origin. She quoted Dr. W. A. Albrecht, soil specialist of the University of Missouri, on the ability of the lower animals to choose their food more wisely than man who, too often, selects highly refined foods rather than those rich in food values.

Undernourished people and civil unrest go hand in hand, she said, and "Peace cannot be had when countries and people are starving. The FAO food survey indicates that the world needs to more than double its consumption of milk and of non-starchy vegetables. To increase food consumption, food production must be increased. This also means not only sharing adequate supplies, but also improving production and distribution so foods can reach the countries where they are needed." She concluded her address by urging good home gardens for supplying fresh vegetables, thus leaving canned and dried foods for shipment.

#### Do You Eat Enough?

"Nutrition is everybody's business," Mrs. Elma Ibsen, Topeka, Kansas Health Association, pointed out in beginning her talk, and "good nutrition means good health."

Emphasizing the need of three good meals a day (and even a couple of snacks, too), she was quick to point out an accusing finger at candy and cola drinks. Dates or a handful of raisins, make good "snacks" she said.

Mrs. Ibsen spoke at length on the subject of good breakfasts, and said a teacher can tell at a glance which of her students had a good breakfast and those that did not. The latter will be restless, tired and bored before the morning is far along. Adults are the same way, she pointed out. Those with enthusiasm, energy and alert thinking are the ones who are getting adequate diets with sufficient quantities of the necessary vitamins.

She discussed mental depression, sleeplessness, boredom and low vitality, and said "worriers" usually are low on vitamin B. "Pop and candy have no vitamins. Fruits, vegetables, milk and brown cereals are the vital foods so often slighted in the 'great American diet' of meat, mashed potatoes, gravy, white bread and a sweet dessert," she added.

"People can be no greater than the soil from which they spring," said Mrs. J. Oscar Brown, a WaKeeney homemaker.

Mrs. Brown said nutrition is of such importance it should be taught to both boys and girls in school. She said children in the first 4 grades can be taught good health habits at that age better than when they are older and have to

(Continued on Page 31)



"Daddy just don't want to brag—we were doing ninety!"

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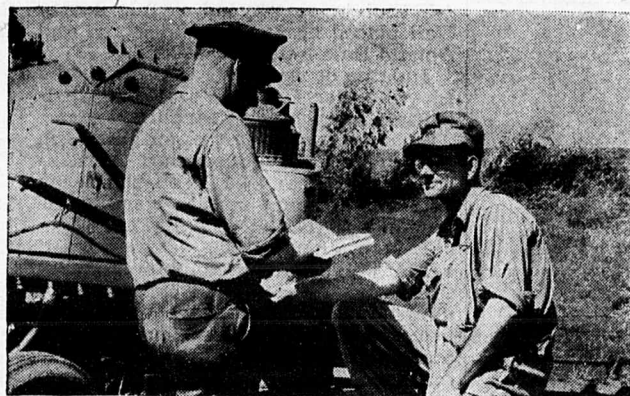
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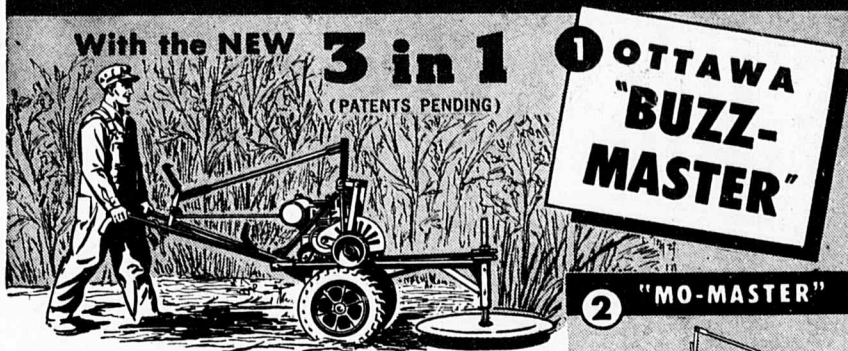


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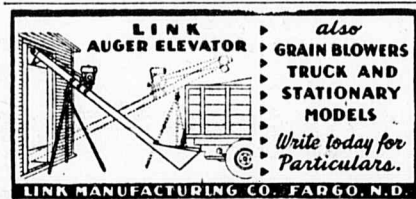
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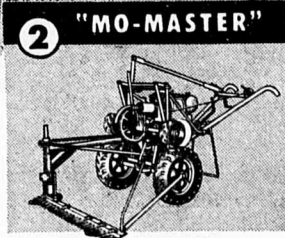
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## A Big Judging Contest

By J. S. BRAZELTON



Left to right: Bobby Hall, Scotty Hall, Wanda Stutz, Shining Star 4-H Club, of Effingham. Alvin Wolf, of Hiawatha, donor of the trophies. Ed Leonard, John Trudo, Leonard Rowe, Wamego F. F. A. The Shorthorn bull was reserve champion of the show and first in senior calf class, owned by William Thorne.

AT THE annual Better Beef Show, at Horton, on April 10, there were 356 entries in the judging contests with 9 counties being represented by 50 4-H Clubs and 12 F. F. A. chapters. The F. F. A. team from Wamego high school ranked first when the judging was done by teams. Holton high school team was second in this class and the Atchison county rural high school, of Effingham, came up third.

In Vocational Agriculture judging by individuals, Joe Barnes, of Holton, placed first; Ward Wildson, Centralia, second; Ed Leonard and Leonard Rowe, both of Wamego, tied for third. In the 4-H Club judging by individuals, Scotty Hall placed first; Sherlund Prawl and Donald Baker tied for second.

Judging contests were supervised by Lloyd Gugler, Horton Vocational Agriculture instructor; Clarence Vetter, Atchison county farm agent, and Jim Petr, Hiawatha Vocational Agriculture instructor. Many on-the-farm veterans training classes were in attendance with their instructors.

In the first weight-judging event, W. B. Vollentine, of Tonganoxie, captured first place when he correctly guessed the exact weight of a bull. A heavy beef cow was led around the ring and hundreds turned in weight cards on her. Warren Bottenberg, 11 years old, and Gale Haag, 9, each came within 1 pound of her correct weight and split the \$10 prize. P. J. Sullivan, of Mercer, had charge of the weight-guessing contests.

The Better Beef Show was held in the fine new community livestock pavilion, under the auspices of the Northeast Kansas Beef Breeders Association. Officers of the organization are Bob Swartz, Everest, president; Al Schultz, Horton, vice-president; William Thorne, Lancaster, treasurer; Bill Duitsman, Brown county farm agent, secretary. The show was sponsored by

the Horton Chamber of Commerce, the Dugdale Packing Co., of St. Joseph, and the St. Joseph Chamber of Commerce.

Exhibitors of Angus cattle were Ward Gilmore, Robert Miller, W. D. Gilmore, Gilmore and Lewis, Sterling Gilmore and Francis Fritch, Ward and Mersen, Ward and Myers, all of Highland; H. W. Ukena and Son, of Robinson; Sunflower Farm, Everest, and Daryl Nieman, of Nortonville.

Shorthorns were exhibited by L. H. Shannon and Joe T. Frakes, both of Hiawatha; William E. Thorne and Arthur Bloomer, of Lancaster; Louis Stolp, Bendena, and H. H. Humphrey, Holton.

Hereford exhibitors were John S. Argabright and Margaret Olson, Everest; P. J. Sullivan and Son, Mercer.

### To Expand Contest

Kansas Power and Light Company's Balanced Farming contest will be extended to 3 Northeast Kansas counties this year.

Expansion plans for this 1948 contest were announced by H. S. Hinrichs, assistant secretary-treasurer, when the power company entertained the 20 Jefferson county contestants at dinner in Oskaloosa recently.

The Jefferson county participants turned in their completed 1947 record books for tabulation. After special farm visits by Kansas State College specialists, the winner of the initial contest in Kansas will be chosen on the basis of "making the most progress during the past year."

Mary Anne O'Neill, Winchester, presented the farm youth viewpoint in a pep talk on 4-H Club work, and Robert Rawlins, balanced-farming specialist from Kansas State College, told the farmers how to reorganize their farms to boost their incomes.

## Receive S. C. S. Plaque



Officers and personnel of the Coffey County District Soil Conservation Service are shown here receiving a plaque for being one of the 5 outstanding counties in soil-conservation work during 1947. In the picture, from left to right, are: Carl C. Conger, unit conservationist; George Robison, conservation aid; Homer Hatch, secretary-treasurer; J. C. Spielman, supervisor; Cecil Shotwell, president; Oliver Kelly, supervisor; Herbert T. Niles, supervisor, and Hugh Armstrong, conservationist.



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## Coming Events

- May 2-4-H Sunday.
- May 2-Barton county 4-H Rural Life Sunday observance.
- May 3-Norton county, crops and insect meeting. Frank Bieberly and Dr. E. G. Kelly, K. S. C. extension specialists, leaders.
- May 4-McPherson county lamb and wool show.
- May 4-4-H tractor maintenance school. Clay Center.
- May 4-Decatur county crops meeting and tour. Frank Bieberly, K. S. C., leader.
- May 5-Johnson county discussion meeting on public policy. C. R. Jaccard, K. S. C., leader.
- May 6-Hodgeman county spring Hereford show—all day—Jetmore.
- May 6-Nemaha county public policy discussion meeting. C. R. Jaccard, leader.
- May 7-Harvey county, mid-Kansas Angus show and field day, Newton.
- May 10-Crops tour covering Bourbon county conducted by E. A. Cleavinger.
- May 10-Ottawa county specialists meeting. Women's project leaders, Minneapolis, Farm Bureau basement, 10 a. m.
- May 12-Morton county. Farm management and poultry meeting. John Coolidge and Marion E. Jackson, KSC specialists, leaders.
- May 13-Cherokee county. Farm brooding and management meeting. A. M. Seaton, poultry specialist, leader.
- May 13-14-1948 state weed meeting, Hays. Tenth annual. A 2-4-D meeting and sprayer equipment show; will include roadside weed spraying demonstration and airplane weed spraying demonstration.
- May 14-Nemaha county crops tour, leaders, L. E. Willoughby and Walter Selby.
- May 14-Woodson county crops and soil conservation tour.
- May 14-Reno county engineering meeting. Prof. R. S. Knight, K. S. C., leader.
- May 14-Hodgeman county block printing work day. Jetmore court house, 2 p. m.
- May 15-Barton county 4-H improvement school.
- May 16-June 2-American Guernsey Cattle Club meeting, Portland, Ore.
- May 17-Montgomery county. balanced farming tour.
- May 17-Woodson county poultry brooding and management meeting, M. A. Seaton, leader.
- May 17-Norton county farm tillage demonstration. Walter Selby, K. S. C. extension specialist, leader. Local implement firms will demonstrate various tillage tools.
- May 18-Scott county. Agriculture and policy planning. C. R. Jaccard, leader.
- May 18-Decatur county terracing contest and demonstration, Walter Selby, K. S. C., leader.
- May 18-Cloud county soil and water conservation meeting, Concordia. Harold Stover, Luther Willoughby and Reuben Lind, leaders.
- May 19-Cherokee county crops and conservation tour. E. A. Cleavinger, agronomy specialist; Knight and Harper, soil conservationists, leaders.
- May 19-Mitchell county spring conservation tour, and crop school in evening. Conducted by Harold Stover, extension engineer, L. E. Willoughby, agronomist, and R. C. Lind, extension conservationist, KSC.
- May 20-Washington county garden tour. Dr. E. G. Kelly, assisting.
- May 20-Sheridan county tillage tool school, Walter Selby, extension agricultural engineer, will assist. Local implement dealers will supply equipment and operators for demonstrations.
- May 21-Ellsworth county crops and soils tour.
- May 21-Reno county horticulture meeting. W. G. Amstein, K. S. C., leader.
- May 21-Marshall county. Special meeting with Dr. E. G. Kelly, K. S. C. entomologist, leader.
- May 24-Russell county contour tillage tool demonstration.
- May 24-Scott county. Poultry school, M. E. Jackson, leader.
- May 24-Meeting of Farm Management Associations of 17 counties, Clay Center.
- May 24-Decatur county beef meeting, Ray Hoss, K. S. C., leader.
- May 24-Reno county farm management meeting. Prof. J. H. Coolidge, K. S. C., leader.

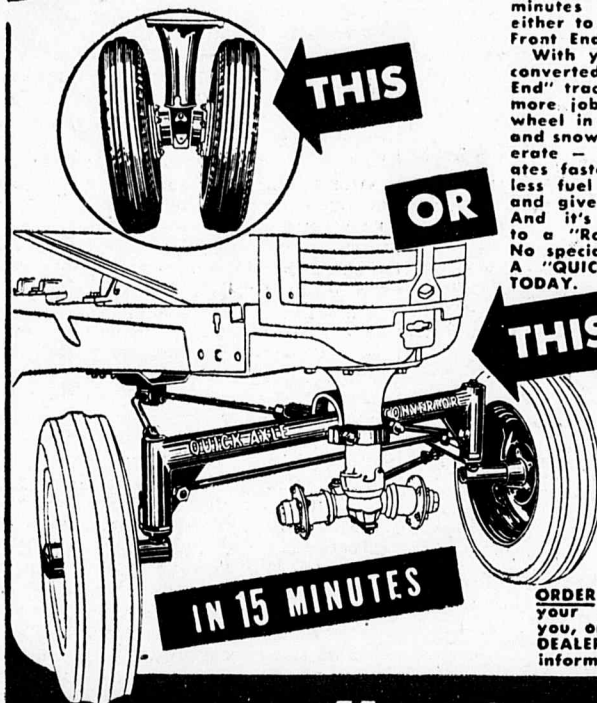


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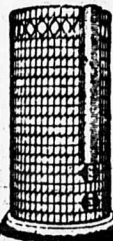
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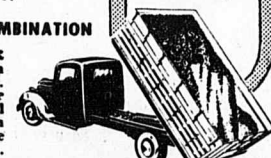
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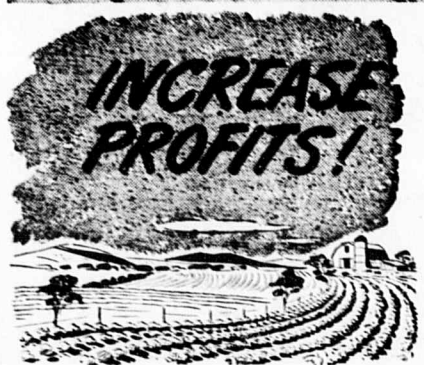
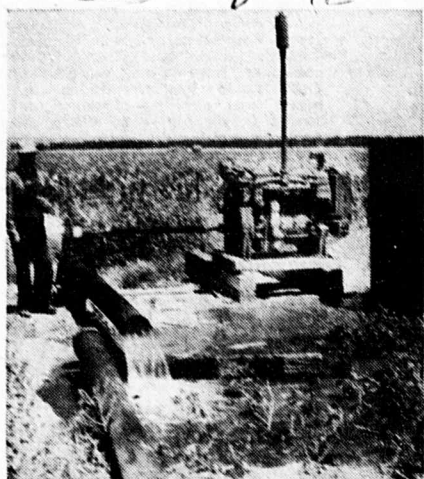
#### Direct Factory Distributors

BOWKER MOTOR CO., Ponca City, Okla. F. P. BENDER & SONS, Alva, Okla. SMITH MOTOR CO., Perry, Okla. SCOTT MOTOR CO., Oskosh & Ogallala, Nebr. FREUSSER IMPL. CO., Pampa, Texas

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## AVOID DISASTER...



You won't worry about droughts with a Worthington Vertical Turbine Pump. Your crops will get water whenever and wherever they need it — in just the right amounts for steady, healthy growth at every stage... And that means bigger, better, more profitable crops!

### "Crop Insurance" At Lowest Cost

The right kind of irrigation is lasting protection for your farming investment. And the Worthington Vertical Turbine Pump, with exceptionally high pumping efficiency and low maintenance costs, is the most dependable and economical "crop insurance" you can get. At today's commodity prices, especially, an installation soon pays for itself.

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is your local Worthington Dealer. He represents an organization with more pumping experience than anyone else. He knows the answers to a lot of irrigation problems... will gladly help you with yours... and prove to you there's more worth in Worthington. Complete manufacturing, servicing and testing facilities at Denver assure you of prompt service.

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## WORTHINGTON

WORLD'S LARGEST  
MANUFACTURERS  
OF PUMPS

## We Are Seeing America

Why Don't More Farm Folks Take Vacation Trips?

By FRANCES R. WILLIAMS, Marshall County

This is the second of several articles by Mrs. Williams. She told in the December 6, 1947, issue of *Kansas Farmer* about getting off on their trip. Got as far as visiting canning plants in Wisconsin. Now she and her husband—in this article—are about ready to see Milwaukee, take a boat ride, and then go over to Canada.

THE drive thru the busy streets of the city of Milwaukee was thrilling. We made our way down to the waterfront thru the warehouse district to the wharf to take the ferry across Lake Michigan. The tickets were purchased. The car given into the hands of an attendant. We did not see it again until it was driven off at Muskegon. It was hard to wait until time to board our ship the "S. S. Milwaukee Clipper." The ship is one of the Milwaukee-Muskegon line. It formerly was the "Ludington" and was used as a railroad car ferry. Three railroad tracks ran the full length of the boat. Now the vessel is used to carry autos, freight and passengers.

The ship leaves Milwaukee at 4:00 P. M., docks at Muskegon at 11:00 P. M., and returns to Milwaukee at 7:00 A. M. Many passengers make the round trip for a night's pleasure outing. We watched the activity in the harbor. Grain and ore vessels being loaded or unloaded, small craft darting around.

As we proceeded on our way, the skyline of the city gradually disappeared from view. A 5-piece orchestra provided music for dancing. There were plenty of comfortable chairs on all 3 decks and in the lounge. We stayed on deck until dark. It was the first time we had been out of sight of land. We feasted our eyes on the vast expanse of the cool, clear water. In Kansas, water in large quantities means muddy water; floods, rivers spilling over the lowlands washing away the precious topsoil. If we could have a few hundred tons of this water for our cornfields in July and August, we could raise bumper crops every year.

One of the passengers was a professor from Purdue University en route to teach summer school classes at Cornell University in New York. He had traveled extensively. He suggested that we visit the Gaspé Peninsula in Canada. The time passed quickly. We went up on deck to see the lights of the harbor; to see our ship turn and slide into her berth at the pier. It took almost an hour before our car was driven off the ship and handed over by the attendant.

### We See "Greenfield Village"

Henry Ford I, will no doubt be accorded a place in America's Hall of Fame. He should be honored for the

service he has rendered in the restoration and preservation of American life for future generations. The paramount example of his work is "Greenfield Village" and the Edison Institute Museum near Dearborn, Mich. Here is illustrated the development of three principle arts, agriculture, manufacturing and transportation in the building of America. Along the streets of the village are mills, shops, stores, historical buildings, schools, homes and the chapel. Each building represents some part in the growth and history of our nation. The little red schoolhouse, the tavern of 1820, the Logan county court house where Lincoln practiced law, the Edison laboratories, the Wright Brothers bicycle shop, Stephen Foster home, the George Washington Carver cabin, the Martha-Mary chapel, and the jewelry shop where the two giants "Gog and Magog" strike the quarter hours with their mighty hammers in the clock in the tower of the shop, are only a few of the many buildings.

In the front rooms of the Edison Institute Museum are collections of fine arts. These include furniture, clocks, silver, glass and china. The main exhibition hall covers a space of 8½ acres. Here are models of every tool, every machine ever used in agriculture, manufacturing and transportation. Every means and method of travel are shown from baby buggies to entire trains and airplanes, on land, on sea and in the air. Every piece of machinery is in first-class mechanical condition, ready to be run or operated. One could spend days in the museum.

### Our Neighbor on the North

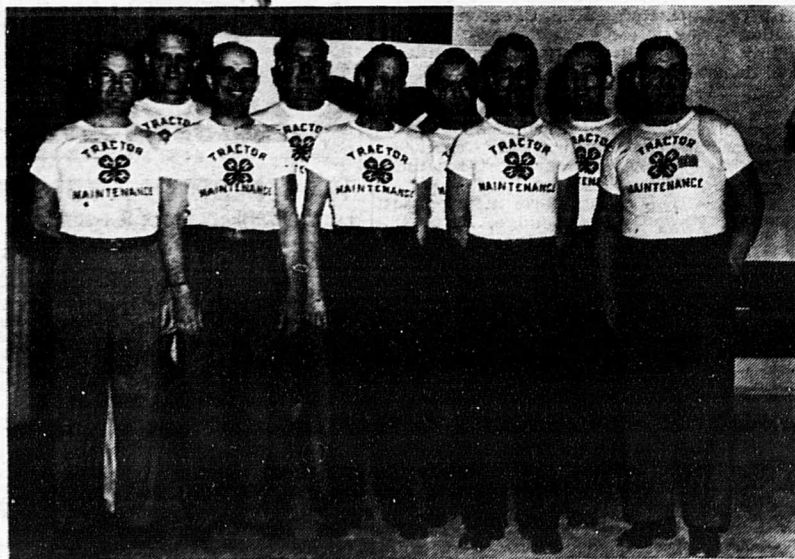
The average American is said to know little about our neighbor, Canada, and her people. Many American tourists cross the province of Ontario en route to the east, and many visit the cities of Montreal and Quebec. But our country cannot be judged by traveling across one of the states and by a visit to Cleveland and New Orleans, which compare in size to the 2 Canadian cities mentioned.

We, too, had traveled across Ontario from Detroit to Niagara Falls, but we wanted to know more of Canada and her people. It was easy to get into Canada. American tourists are welcomed. We were asked: "How long do you plan to stay?" "Where were you born?" "Have you any electrical appliances, radio and heater in your car?" We were required to show ownership certificate of the car.

It was more difficult to get back into our own country. When we returned we were asked for identification papers. Not having our birth certificates

(Continued on Page 29)

## Headed Tractor School



These men conducted the 1948 Adult 4-H Leaders Tractor Maintenance School, at Hutchinson, April 5, 6 and 7. FRONT ROW, left to right: Harold E. Stover, K. S. C. extension engineer; K. E. Mebold, K. C., Standard Oil Co., automotive engineer; E. E. Evans, Wichita, Standard Oil Co., public relations; John Hanna, Manhattan, assistant state 4-H Club leader; Frank Lane, St. Joseph, Standard Oil Co., advertising and public relations. BACK ROW, left to right: John M. Ferguson, Manhattan, K. S. C. extension engineer; W. G. Ingraham, Wichita, Standard Oil Co., automotive engineer; C. N. Hinkle, Chicago, Standard Oil Co., tractor representative; James M. Patterson, Chicago, Standard Oil Co., public relations.

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### Low Cost - Easy to Install

Takes the heavy work out of unloading — gets the job done fast! Any farmer, trucker, etc. can afford one. Fits all trucks — all beds. Simple to attach — you can do it yourself. Does not change the chassis in any way. No hydraulic cylinder to adjust and service — LITTLE GIANT works equally well in hot or cold weather. Easy crank operation. Only \$65 and up. More LITTLE GIANTS in use than any other. Absolutely guaranteed. Write for details and prices.

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1570 N. Adams St., Peoria, Ill.

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Immediate  
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## STAHMER FERTILIZER AND LIME SPREADER



Over 20,000 Farmers  
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Chose  
Stahmer Fertilizers

Now you can have either the 10 ft. or 8 ft. Sturdy Stahmer Spreader. The 1948 models lead in new features for convenience, ease of operation, and efficiency. The Stahmer Spreader is a sure worker on the field... its exclusive auger type discs are built into "proved performance" revolving agitators. They keep the hopper bottom clean and force fertilizer out of openings... pulverize lumps and spread uniformly. Extra heavy axle carries specially designed wheels using standard tires. The Stahmer is the most popular and the most widely used spreader today because it does the job right... stands the gaff and is priced right. The Stahmer quickly pays for itself. Why not read the illustrated folder on the Stahmer Spreader. Send for it today.

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The Blizzard handles any crop — wet, green or dry — delivers it at any angle direct from blower fans to silo, hay mow or pit silo without troublesome elbows. This all-angle pipe outlet is one of Blizzard's exclusive features NOT AVAILABLE IN ANY OTHER MACHINE. Blizzard's 15 unusual features of advanced engineering and construction mean many years of easy, trouble-free operation with complete satisfaction — the reason Blizzard is the choice of so many successful farmers. Get the Blizzard Catalog, also the valuable Blizzard Booklet, "The Why and How of Grass Silage" from your nearby Blizzard Dealer or Service Distributor or Write.



**BLIZZARD**  
Mfg. Co., Canton, Ohio

with us, driver's licenses satisfied the American official as to our identity.

We entered Canada at Detroit by way of the Ambassador bridge. Our route followed the coastline of Lake Erie to Kingsville. Here we visited the famous Wild Fowl Sanctuary maintained by Jack Miner. Only a few gray and white Canadian geese, different varieties of ducks, pheasants, quails and a pair of peafowls were visible. During the summer the vast flocks of ducks and geese are far to the north in their summer nesting grounds.

Mr. and Mrs. Miner rest during the summer to be ready for the winter activity. Both are nearing 80 years old. Their lives have been spent in the protection and preservation of wild life. By October 1, the wild fowl begin to arrive and during the fall and winter, millions of them rest on the marshes and lakes of the Sanctuary. They are fed grain by Jack Miner. Towers have been erected in the meadows behind the house and from these visitors view the panorama of the fowl in flight, alighting or taking off from the waters of the marshes. By May 15, most of the birds have gone, to return again in the fall.

For years Jack Miner provided the grain, but a feature story in a magazine a few years ago called attention of the public to this man's contribution to the conservation of wild fowl in America. Now an organization has assumed a large part of the expense.

### The Largest Province

Ontario has the largest population of any of the Canadian provinces. The English language is most often spoken. Fruit- and tobacco-producing regions lie in the southern part. Sour cherries, bright red in color; sweet cherries, dark red in color, and gooseberries the size of marbles were offered for sale at many roadside markets. Peaches and grapes are produced in large quantities. Many level fields were planted with tobacco plants in check-row fashion. Greenhouses for starting the tender tobacco plants and drying kilns are seen on every farm. Potatoes, onions and other produce crops are grown extensively in this section.

As we traveled north the dairying and the rich agricultural region gradually changed to forests, with lakes and streams which flowed noisily over the water-worn stones and boulders in their beds. Wild ferns grew in profusion and often reached a height of 4 feet. Here and there the government has established experimental plots of reforestation projects in an effort to make the nonproductive cutover lands productive again. The virgin forests of pine, spruce and hemlock were magnificent, except where forest fires had taken their toll.

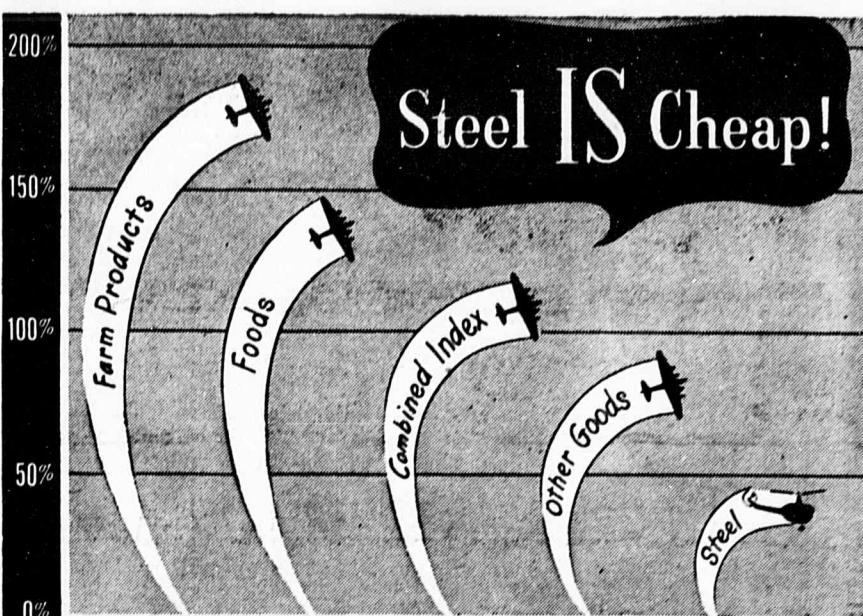
### Remember the Dionne Quints?

An excellent highway leads to North Bay. Before the war, many tourists traveled this highway to see the famous Dionne Quints. Now that the Quints are no longer on exhibition, the greatest attraction is gone. We, too, took the road from Callander, where Doctor Dafeo lived, toward Corbeil which passes the Dionne farm. The home where the "Famous Five" first saw the light of day is a small, humble abode. Across the highway is located the magnificent stone structure which now houses Papa and Mamma Dionne and their family.

The large institution-like house is surrounded by a strong woven-wire fence. A "NO ADMITTANCE" sign on the gate and numerous "NO PARKING" signs on the fence warn the curious away. A huge, dignified St. Bernard dog patrolled the yard as if to enforce the "no trespassing" edict.

The nursery and exhibition building where thousands watched the Quints at play are still standing. The paint is peeling off the gift shop run by the Dionne parents. The contents of the store are a bit shopworn. Pictures of the 5 girls at various ages from birth to 8 years are offered for sale. The other shops and refreshment stands look deserted and run-down at the heel. Formerly the midwife who assisted in the delivery of the babies answered any and all questions, for a fee. Now her booth is vacant. The French girl at the refreshment booth informed us that nearly every evening the 5 girls, now in their teens, come out in the yard to play and one might see them from a distance.

More travel experiences by Mrs. Williams will be printed in an early issue. —R. H. G.



## NO ZOOM In Steel Price Rises!

### U. S. Department of Commerce And Council of Economic Advisors Report Steel Price Increases Have Been Moderate

Recently the steel industry was again brought up to the whipping post.

After a terrific tongue lashing, the Government set in motion three investigations to determine whether more punishment should be administered.

The Department of Justice found no evidence of collusion.

The Department of Commerce reports steel price advances have been more moderate than in other lines.

The Council of Economic Advisors admits steel price increases have been less than those for manufactured articles, agricultural products, wages and material costs.

How moderate — how much less have been the increases in steel prices is shown in the chart above. It is based upon Government indexes of wholesale prices of various commodities as compared to steel mill products and shows the price increases from 1939 to February of 1948.

Comparison of steel prices to the prices of virtually any other components of the national income shows the irrefutable fact that the steel industry has held a taut line on steel prices and that the most wanted and most essential of metals — **Steel IS Cheap.**

### SHEFFIELD STEEL CORPORATION

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Carbon and Alloy Steel, Ingots, Blooms, Billets, Plates, Sheets, Merchant Bars, Steel Joists, Structural Shapes, Road Guard, Reinforcing Bars

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## V-BELTS & PULLEYS for COMBINES

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## STOP LIGHTNING LOSSES!



Over one-third of all farm fires are caused by lightning. Thompson's "World's Best" Lightning Protection positively prevents this terrible lightning destruction. Write for booklet and name of nearest Thompson dealer.

Some Thompson Dealerships available  
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## FIREWORKS

300 PIECES FOR ONLY

Rich Bros.' All-American assortment. Supreme quality! Includes 100 2" Salutes; Cherry Flash Bombs; Bulldog Salutes; Comet; Whistle Bomb; 2-Shot Repeaters; Wheels; Whistle Devil; Humdinger; Fountains; Roman Candles; Aerial Bombs; Sparklers; PLUS 20 Packages Chinese Firecrackers including 6 packages of the FAMOUS ZEBRA BRAND! FREE PUNK.

Send for FREE catalog of other assortments & displays Also write for FREE Cap and Pistol Circular!

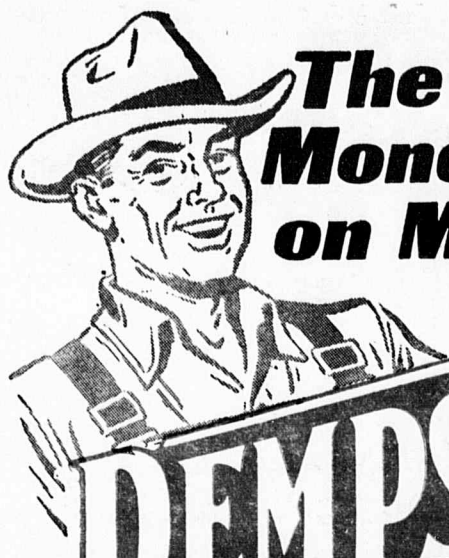
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ACTUAL RETAIL VALUE \$4.95

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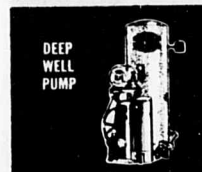
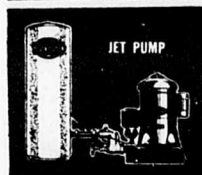




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## DEMPSTER

### WATER SUPPLY EQUIPMENT

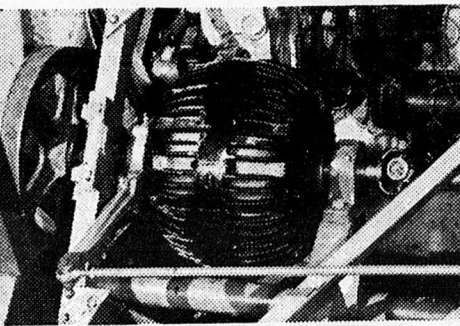
A marked increase in your farm products means more money for you. And that's just what a Dempster Water System can do for your milk, meat and egg production. A plentiful water supply in tanks and fountains encourages big livestock and poultry gains.

Dempster Water Supply Equipment works steadily to make your work easier. Your time is valuable... and you can save hours of tedious pump-and-carry work with a dependable Dempster System. Make all your working hours profitable, and let Dempster supply the water.

Your nearest Dempster dealer will show you the water system best suited to your needs, and explain further how running water can be the biggest moneymaker on your farm... at amazingly little cost to you.

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### with a THOMAS Vari DRAULIC TRACTION DRIVE

Field tested and proved in 20 states! FINGER-TIP CONTROL with maximum performance to Massey-Harris, Cockshutt, Co-op, and Minneapolis Moline\* self propelled combines.

INCREASED THRESHING EFFICIENCY—Maintains maximum grain volume in threshing cylinder—prevents cylinder slugging.

MORE GRAIN PER ACRE—More efficient threshing cylinder operation effects greater saving.

MORE ACRES HARVESTED DAILY—No gear shifting for uneven field growth or rough ground—speeds from zero to high without changing gears—finger-tip control over traction speed.

SMOOTH HYDRAULIC POSITIVE POWER DRIVE—Reduces shock and excessive strain on gears, sprockets, chain drives and other power transmitting parts—reduces repair bills.

DECREASES HARVESTING COSTS

\*Standard Equipment on Minneapolis Moline 1948 models. U.S. Patents 1866066 - 2318028-RE: 22577; others pending

See your local dealer today or write for complete information.

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## The Buddy Poppy Sale

Money Goes to Help Our Disabled Veterans

EACH year during the week of Memorial Day the Veterans of Foreign Wars conduct their annual national sale of Buddy Poppies. Their crimson petals are a mute, poignant tribute of memory to America's soldier-dead, a renewed pledge "that we will keep the faith for which they died."

All the Buddy Poppies are guaranteed by a copyrighted green label which identifies them as the handwork of disabled and needy ex-service men. They are made in government hospitals thru an arrangement with the United States Veterans Administration. In anticipation of the 1948 sale, 100,000 Buddy Poppies are being made daily by disabled veterans to be worn on Memorial Day.

The sale carries each year the endorsement of the President of the United States. It also has received annually the endorsement of outstanding labor and fraternal organizations, religious leaders, and business and professional associations.

The entire proceeds from the sale are devoted to welfare and relief activities among disabled and needy veterans and their families. The sale is significant also to widows and orphans of the heroic departed thru the allotment of a portion of its proceeds to the Veterans of Foreign Wars National Home for Widows and Orphans of ex-service men at Eaton Rapids, Mich.

The allotment to the VFW National Home is, perhaps, the most heartwarming of all the project to which the Buddy Poppy funds are diverted. At this home the widows and orphans of men who died for the United States are given the opportunity to enjoy the American heritage which their husbands and fathers died to preserve for them and for all of us.

The Veterans of Foreign Wars, the "Gold Stripe" organization, all of whose members have seen service overseas or in hostile waters, was the first veteran organization to undertake and successfully conduct the Poppy Sale movement on a nation-wide scale. The first VFW National Poppy Sale was held in 1922, using French poppies



JEANNE CRAIN, selected by Veterans of Foreign Wars of the United States as the 1948 National Buddy Poppy Girl. She will represent them during the annual sale conducted nationally during the week prior to Memorial Day to raise relief work funds. Miss Crain was born in Barstow, Calif. Her father, George A. Crain, is head of the English and language department in Inglewood high school.

made by women and children of the devastated areas. The present plan was developed in 1924, to extend the relief afforded by the poppies to those men who were disabled and needy but still capable of this employment.

This original plan has expanded annually with the cumulative success of the sale, and is recognized by the U. S. Veterans Administration as a valuable adjunct to the occupational therapy work in the government hospitals where the Buddy Poppies are made. The name "Buddy Poppy" is the name the men themselves selected for the small memorial flowers.

The Buddy Poppy is a vivid symbol of remembrance—of faith—and of mighty deeds accomplished with the money contributed each year by those who wear these bright red flowers of remembrance.

## Largest "State Farmer" Class

95 Received Highest Award April 26

QUALIFYING for the State Farmer degree this year are 95 Future Farmers, the largest class ever awarded the degree in the history of the Kansas F. F. A. Association. The degree is the highest that can be conferred by a state association. Successful candidates were given the degree at the annual House of Delegates meeting held Monday night, April 26.

Boys who received this honor are: Jack Robbins, Altamont; Tim Hale, Vernon Z. Krah, Alton; Thaine L. Hunt, Arkansas City; Elmer Pianalto, Atwood; Edward L. Pachta, Bob L. Rizek, Don Krotz, Belleville; Carlton H. Broadbent, Bill Brown, Johnnie Murray, Beloit.

Donald D. Stover, Beverly; Robert D. Janzen, Buhler; Melvin Pettit, Bird City; Dean Tennis, Chanute; Paul Mugler, Karl P. Rau, Clay Center; Stanley Deewall, Donald Whelpley, Coldwater; William T. Jones, Columbus.

Carl W. Martin, Colby; Carl Anderson, Jr., Milton J. George, Dale C. Gigstad, John K. Gigstad, D. Max Margrove, Effingham; Bill Baker, Robert Maddux, Duane Traylor, El Dorado; Kenneth Doughton, Frank Davis, Jr., Donald DeLong, Lloyd Marr, Emporia.

Harlan Johnson, Bob Jones, Frankfort; Kenneth Lohr, Pete Walker, Goodland; Bill Blanchat, Harper; Harold Grandon, Merle D. Oldenettel, Haven; Charles Worcester, Billy Joe Worcester, Hill City.

Kenneth R. King, Herbert Schultz, Holton; Ivan D. Molt, Horton; J. D. Rector, Bill Simmons, Independence; Edwin E. Neufeld, Inman; Robert L. Doze, Kingman; Duncan Circle, Kiowa; William E. Long, Norris A. McCall, Lebanon.

Frank Hagenbuch, Lawrence; Doyle Hargadine, Jimmie Yowell, McPherson; Lucky Lillieqvist, Maurice G. McEndree, Medicine Lodge; Neil Campbell, Carl A. Richard, Jr., Miltonvale; Lon D. Crosson, Cloyce E. Kindall, Donald D. Lott, Minneapolis.

Donald Goering, Moundridge; Mer-

vin W. Deschner, Bill Gatz, Robert Knott, Newton; Bert Falley, North Topeka (Seaman); Raymond Walker, Norton; Ray D. Wilcox, Oberlin; Dale K. Allen, Bob Plank, Leon Stromire, James E. Remer, LeMoyné Zimmerman, Olathe.

Lynn Blazek, Osage City; Leslie Syster, Paola; Jack E. Aitken, Gerald McMillan, Donald L. Stuteville, Parsons; Eugene Bergsten, Randolph, Donald L. Montgomery, Sabetha; Wayne Berneking, Simpson; Clayton Herman, John Overmiller, Smith Center.

Evan D. Lewelling, Soldier; Richard H. Newell, Stafford; Keith McComb, Doyle Peaslee, Stockton; Phil Lukert, Topeka, (Washburn); Alden Loomis, Jr., Valley Falls; Sherman Ditmars, Raymond Soder, Washington; Francis Groene, Leon Moore, Carl Seeliger, Winfield.

### Saves Time

An ordinary fly spray is fine for polishing or oiling the floor. Just spray the oil on the floor, then rub the floor with a polishing mop.—Mrs. H. E. C.





## SPEED UP Your Farmall F-20, F-30 or Regular Model



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**Behlen**  
HI-SPEED  
GEAR BOX

Make your trusty old Farmall many times more useful. Attach Behlen Hi-Speed Gear Box for a modern, always-useful road gear. Fits F-20 and Regular Model Farmall, also F-30.

Shift gear and you do 14 to 15 miles an hour. Just right for hauling, traveling between fields and barn, etc. As thousands owners say, "Just like having another tractor."

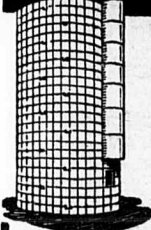
### New Optional Gear for F-20 and Regular

New model for F-20 has optional gear for doing 10 m.p.h. Costs surprisingly little. Fully guaranteed. Quickly, easily installed—by dealer or yourself. Will fit on tractors having the regular Lift-All Pump. Write for full particulars, where to buy, etc.



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Mfrs. Behlen  
Drying Equipment,  
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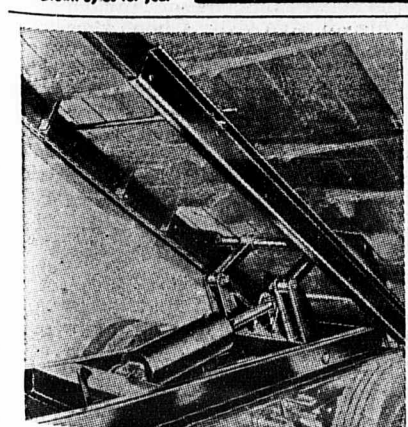
We are now taking orders for immediate erection of Lindsey made silos. A name known in silos for over a quarter of a century. Built of finest concrete staves, reinforced with steel. Let experience build you a good silo.

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**VENTILATE HAY AND GRAIN**  
Reduce loss from weather—mold—green high protein hay increases milk production, makes fast gains.  
Wayne D. Shier, R. No. 2, Gypsum, Kan.  
**EASILY INSTALLED**  
From our big blueprint. Drawn by us for you.



**New Style 7-inch Hydraulic Grain Hoist**  
**Raises Bed only three-fourths of an inch**  
**NOW AVAILABLE**

**TRUCK PARTS, Inc**  
LD 108 Wichita

## What the Ladies Heard

(Continued from Page 25)

"unlearn" some of their earlier habits. In reminding of the importance of the brown cereal foods she said, "If God, in His infinite wisdom, defined the wheat with the white center surrounded by the brown husk, who are we to separate the two and cast the husk aside?"

"Music in the schools, being essentially social in nature, tends to develop friendliness, co-operation and courtesy. Properly guided, it easily develops from school to home and community, making for happiness and democratic participation. Music, much more than most school subjects, stresses the necessity of working with others instead of competing with them. The music ensemble is often cited as an ideal example of human relationship in a democracy." Thus wrote Peter W. Dykema, professor emeritus of music education of Columbia University, as quoted in the Kansas Music Review Magazine for March, and used by Helen Maaser, Hays, to summarize her talk entitled, "The Chorus Swells From the Grassroots."

### Help "Exceptional" Children

Dr. Homer B. Reed, of the Fort Hays Kansas State College staff, said everyone seems to agree that our greatest resource is our children, but perhaps we are not doing enough to develop them. In particular, he pleads for specialized educational opportunities for the "exceptional" children of the state—those who are gifted, or handicapped. "Children with an IQ of 140 or more constitute 2.34 per cent of our children. We had 64 here in Ellis county. This means these are in the genius classification, with an intellectual caliber of Lincoln and Washington. We had 16 with an IQ of 150—children with an intellect comparable to that of Ralph Waldo Emerson."

Since our leaders come mostly from this group, he said, it is worthwhile to save them for society by avoiding habits of idleness. This can be done by the provision of special materials and instruction, since ordinary schoolwork will not entail sufficient mental effort to keep these children busy.

"On the other side, we have the handicapped children. They, too, need special educational opportunities—the slow learners, the cripples, the epileptics, those who have difficulty in seeing (Ellis county had 22 who cannot see well enough to profit from schoolwork, and 26 who cannot hear well enough to profit from the regular grade course.) There are 30,000 handicapped children in Kansas. Most of them could be made into self-sufficient persons with proper training. What happens to them? They fill our hospitals, our prisons, our asylums. From a business standpoint, it is better to train children to become independent than it is to allow them to become more expensive by letting them lapse into indigence or crime.

"Added together, our gifted and our handicapped children total more than 40,000 in Kansas. Why don't we develop our children?" he asked.

Gertrude E. Mahan, high school librarian at Liberal, said: "A home where children are encouraged to think for themselves, to share in the decisions of the group, and participate in living together, goes a long way in inculcating the first and most important step in education. Where home is a place of security and wise direction, a place where parents find joy and satisfaction, there are formed the firmest foundations of character and courage."

### Answer to the Crossword Puzzle

See Page 12.

A	N	A	S	A	C	S	A	S	P	S
L	O	B	A	C	H	E	N	O	U	N
E	V	A	L	E	O	N	T	O	N	Y
R	E	T	I	E	R	O	B	I	N	
T	R	E	T	P	U	R	E	E	W	E
			E	P	I	S	A	P	S	E
C	A	R	M	E	N	C	R	A	T	E
A	B	A	S	E	P	A	S	S		
D	A	M	P	O	R	T	H	A	R	E
			P	A	S	S	E	F	A	R
B	O	A	T	I	S	L	E	G	A	S
U	R	G	E	E	T	O	N	O	D	E
T	E	E	S	R	O	W	S	T	E	N

**The One-Way Disc**  
**that rolls in or out of the ground**  
**in only 24 inches**

*with Roto-Lift*

Diagram showing disc widths: 12", 24", 36", 40".

Here's a new type One-Way, unlike anything you've ever seen—faster, easier to handle, adaptable to more jobs, and built for more years of good work.

Outstanding of its revolutionary features is Roto-Lift that rolls the discs in or out of the ground in only 24 inches—less than the diameter of a single disc. In 40 inches, lifting is complete to full clearance.

And only the discs and axle move. Frame stays fixed. Lifting takes less power . . . is easier on your tractor. The lifting action is a rolling action . . . discs are raised evenly, lowered gently. Cutting edges stay sharp longer for a more effective job of working your fields, making terraces, discing-in stubble.

Simple hand wheel adjustment sets the discs to any depth from 2 to 6 inches . . . positive leveling adjustment makes for more uniform performance . . . cutting angles are

changeable to meet various field and soil conditions.

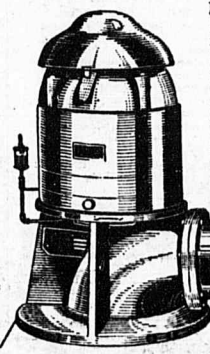
And what's more, because of the floating-type hitch, you can back up, turn right or left to suit your field conditions. Built in two styles—Model 510, 10-inch spacing, 6, 8½, and 10-foot widths; Model 509, 9-inch spacing, 6- and 8½-foot widths.

Get the full facts about this revolutionary new tool from your Massey-Harris dealer. Have him also tell you about the No. 55 Tractor shown above—the big, husky, 4-5-plow tractor for the heavy drawbar and belt jobs. For folder by mail, write to Massey-Harris Company, Racine, Wisconsin, Dept. 75.



# Make it a Massey-Harris

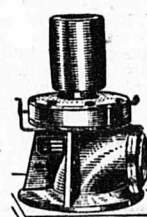
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DOES 3 IMPORTANT JOBS  
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WHITE DIARRHEA  
HOG CHOLERA  
HOG FLU

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### CONTAINS DDT DRIES WHITE

Kills spiders, 90% less cobwebs for 8 to 10 months.

Better sanitation. Lower bacteria

Used for 32 years by farmers everywhere to help control livestock diseases and to get white walls, and in recent years (since DDT was added) to kill flies as well.

Never put DDT in or on wet hydrated lime, which destroys DDT; Carbola contains no lime.

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ASK TO SEE THE PACKAGE

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Natural Bridge 125. N. Y.  
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CCC 10% DDT (Powder for roaches, bedbugs, lice, etc.)  
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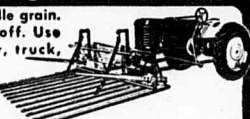
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Moves hay or bundle grain. Automatic push-off. Use with tractor, car, truck, Jeep. Hundreds satisfied users. Illustrated folder sent free.

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## SPRAY OVER 20 ACRES PER HOUR

### BIG Automatic 42 FOOT BOOM

### HIGH SPEED — HIGH YIELDS LOW GALLONAGE

\$16 TO \$60 MORE PER ACRE  
60 TO 120 ACRES WITHOUT REFILLING

Here's the sprayer you want. Big, powerful construction for Western operators. Famous Automatic "Flexpoint" boom drops for row crops. Sure fast tank filler, slow speed, high capacity pump, plenty of pressure for all practical purposes. Spray 2,4-D, DDT, BHC, other modern pest killers.

Basic models begin at \$87.50. Larger models feature 150 to 300 gallon heavy aluminum tanks. Booms—7 ft. to 42 ft. For all leading Western tractors.

DEMAND UNPRECEDENTED—Don't wait too long to order.  
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## The Editor's Notebook

By RAYMOND H. GILKESON

THIS probably will come up one of these days, so I am mentioning it now to see what you think about it. "Is the tractor a motor vehicle?" If so, should licensing of both machine and operator be required for operating the tractor on a highway?

What brings it to mind is a report from Iowa stating that two highway fatalities resulted from men driving tractors after they had lost their licenses to operate automobiles. A safety specialist cites these instances as indicative of the need to do something about farm tractor safety on the highways.

Let me make this observation. I have driven thousands upon thousands of miles in Kansas. I have been in every county in the state many, many times at all seasons of year. Not once have I seen a farm tractor driven with anything but the utmost regard for the safety of other traffic. Farmers pulling combines or other machinery—and I have met and passed a great many of them—have not only been very careful, but co-operative as well. Without fail when I pull up behind a tractor-combine outfit going over a hill, the farmer driver will wave me around him if the way is clear ahead. (Thanks to all of you who have done that in the past.)

Certainly a tractor pulling loads of grain to town is no menace to traffic. I have never seen a tractor-grain-wagon combination driven with anything but the greatest of care.

Remember this! Farmers already are operating their tractors while on the highways with the same safety precautions and rules of the road that apply to their automobiles and trucks.

They have their drivers' licenses. They pay license fees to operate all of their trucks and motorcars. They even have been stuck with that extra 1-cent gas tax—for farm-to-market-roads?—on their tractor fuel. Isn't that enough?

I have an interesting report from Haskell county. It states every farmer in the county, who wants electricity for his farm, probably will be able to have it by January 1, 1949. Can any other county make a similar report? I hope all of them can some of these days.

A report from the Bell Telephone laboratories says there is a new television beam that may carry as many as 50 to 100 pictures at the same time. Or carry thousands of telephone conversations by air all at one time. No interference in any case.

"It may not be long before you are writing that love note on wheat straw," says the AP. The agricultural Department announces its technicians have developed what promises to be an economical and practical way to convert straw into fine papers. Hope so.

By the way, there is a close relationship between the paper industries and your farm. Huge quantities of cornstarch are used annually by the paper mills and paper-box manufacturers for binding, coating and adhesive purposes. The 360 million pounds of starch used by the paper folks in 1947, amounted to the starch in corn grown on 9,000 average Midwest farms.

Says the Corn Industries Research Foundation: "To put it in another way, corn is the largest crop grown on American farms, and the Nation's 11 corn refining plants are collectively the largest commercial buyer of this crop. Since the papermaking industry is the biggest user of starch from the country's greatest crop, it logically follows that the paper business is a mighty good customer of the farm business."

Report from the women's editor: Miss McKinney says she never knows what she's going to turn out. The other day she was testing a recipe, interesting enough looking on paper and with a catchy name... but what would she do with 2 heaping teaspoons of baking powder and enough flour to make a spoon stand up straight. That's the kind of measurements to give a home economist hysteria. But being by this time in the middle of the testing,



"But if we're here to help others, what are the others here for?"

she proceeded, adjusted it into level measurements and success was the result. Even the critical neighbors thought so.

One fine demonstration of how industry serves the best interests of farmers is illustrated by the Adult 4-H Leaders Training School in Tractor Maintenance, which is conducted in Kansas by the Standard Oil Company of Indiana. (Reported on page 31, April 17, 1948, Kansas Farmer.)

This company pays all expenses of leaders who attend the school, and thru these leaders reaches thousands of rural youth with a constructive training program in efficient tractor maintenance and operation. You would have to attend one of these schools to learn how much it costs farmers in money, lost time and lost power when the tractor is not maintained in top working condition. Most of the troubles which develop in power equipment, say company officials, can be avoided thru proper maintenance.

Similar tractor maintenance schools, starting this year, now will be held in all 48 states, company officials explain. They will result in saving farmers an unbelievable amount of money in their farming operations.

There is an old saying, "You can take the boy out of the country, but you can't take the country out of the boy." Farm boys, with their training obtained so close to nature and the practical side of life, are equipped for anything. They can rationalize what they see with what they have experienced.

This was demonstrated by Clyde Schinnerer, junior 4-H Club leader from Scott county. Clyde was last year's state winner in the tractor maintenance activity contest, for which he was awarded a trip to the 4-H Club Congress, in Chicago. This year he was called upon to report his trip at the state tractor maintenance school, at Hutchinson.

In his report on the trip Clyde told of the many things he saw and did during his Chicago visit. Among these experiences was that of attending a dance at the Trianon ballroom, which is said to be the largest and most famous ballroom in the United States. Clyde wasn't awed by this magnificent room. He tells it like this: "You know, I couldn't help thinking that ballroom would make a mighty fine machine shed."



NATIONAL SAFETY COUNCIL



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## VACCINATED

Cholera strikes fast, kills quickly.  
The only safety is vaccination in  
ADVANCE. For dependable  
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Efficient... serviceable. The Newacheck Rubber  
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NEWACHECK FABRIC CEMENT for patching  
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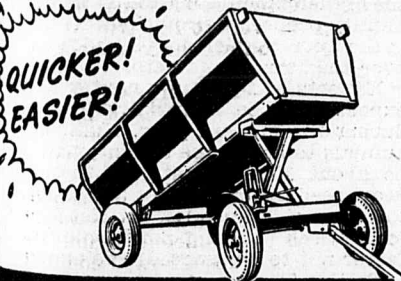
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There is  
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Fastest power auger return  
—pull cord control. Heavy hi-  
speed two-flight auger — leaves  
hole clean. Castor wheels per-  
mit fast and accurate set-  
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damage, eliminating shear  
pins. Strictly a one-man dig-  
ger. All controls from driver's  
seat. Short-cut to labor prob-  
lems where holes are needed.  
Trench digging attach-  
ment. Get up-to-the-  
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Serving farmers for 44 years.

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## Behlen Hand-Hydraulic WAGON DUMPER

Here's a handy dumper! Takes only  
90 seconds to dump heaviest loads. A  
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Dump anything — anywhere! Wagon  
box raises plenty high (see photo).  
Wheels stay on ground. No need to un-  
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Behlen Hydraulic Wagon Dumper fits  
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Thousands in use. Full particulars in  
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## Flying Farmers

THE busy month of May, may be  
even busier if Kansas Flying Farm-  
ers accept an invitation to attend  
the dedication of the Kanopolis dam the  
last day of the month. At a recent meet-  
ing of the arrangements committee,  
Kenneth B. Bruce, chairman, writes  
that considerable interest was shown in  
trying to arrange for the Flying Farm-  
ers to fly in for that day.

Altho plans are tentative, it is ex-  
pected that good landing facilities  
might be arranged for the flyers. Should  
plans be completed for the fly-in part  
of the dedication, they will be an-  
nounced at the time of the annual meet-  
ing in Wichita the preceding week.

A number of flyers will be interested  
in seeing the new dam and reservoir at  
Kanopolis. And this may be the best  
and first opportunity for them to get a  
first-hand glimpse of it.

When the convention committee first  
started to make plans for the efficiency  
race, which will be run out of Hutchin-  
son on May 25, first day of the annual  
convention, they had no idea how large  
the thing would become. They are be-  
ginning to find out now. By mid-April  
Ailiff Neel, Windom, reported he had  
received 90 cards from Flying Farmer  
members who expected to attend the  
convention. He reports that 75 of these  
wanted to take part in the Kansas Fly-  
ing Farmer Efficiency Race.

This race really has caught the imag-  
ination of flyers. Good, sane flying will  
be required to win. But it will call on  
the competitive spirit of each person  
entering. The race will be run over a  
135-mile triangular course which will  
be announced long enough before take-  
off time for pilots to check their charts.

Harold H. Harrison, Valley Center,  
is race chairman. Recently he sent out  
rules and requirements of the race to  
each member. Mr. Harrison is select-  
ing his committee to paint water-color  
numbers on airplanes in the race, as  
checkers at the pylons, timers and  
judges to man the gas pumps. He has a  
big job on his hands, but is getting the  
preliminary work lined up in great  
shape.

Since entrants in the race will be  
judged on both time and gasoline con-  
sumption, pilots will have to stay right  
on the beam. Also, they will be respon-  
sible for having their gas tanks full be-  
fore starting. One little trick that may  
prove helpful is to have a bottle of gaso-  
line handy just before take-off. Top the  
gas tank just before starting. You can  
depend on the gasoline judges to cram  
every drop possible into the tanks after  
landing. The flight must be made non-  
stop. A landing along the way will au-  
tomatically disqualify any entrant.

Flying Farmers are looking forward  
to the race and competing for the vari-  
ous trophies that will be given to win-  
ners in each class by airplane dealers  
and distributors at Wichita. A beauti-  
ful 18-inch trophy will be awarded to  
the outstanding individual by Kansas  
Farmer. The presentations will be made  
during the banquet at the Broadview  
Hotel in Wichita.

## Paraffin for Paint

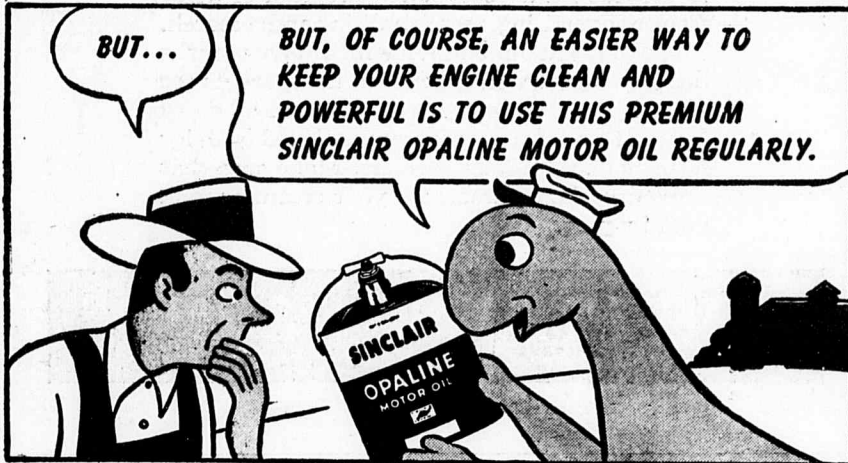
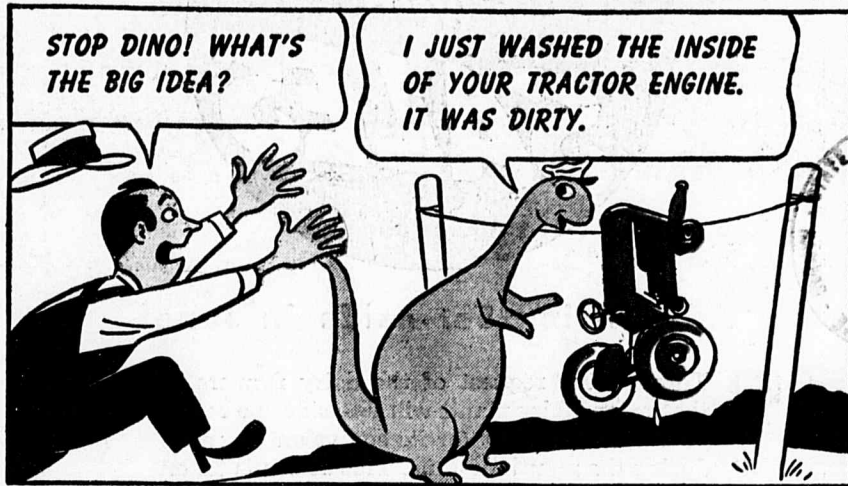
Before closing the can of paint left  
over, pour melted paraffin over the  
paint. This seals the air away before  
the oils rise to the surface and pre-  
vents the paint drying out and forming  
a scum. The paraffin can easily be re-  
moved when paint is needed.—E. A. K.



"I know my essay on 'Our Dog' is the  
same as Jim's—it's the same dog."



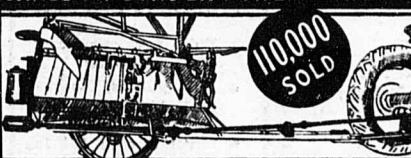
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FARMERS: Convert your ground drive  
binder into a practical power binder or a  
power driven windrower with the CARLSON  
POWER DRIVE BINDER ATTACHMENT.

Get all the advantages of a power binder  
• cut full swath in any grain • cut up to  
40 acres per day with half the fuel • sensi-  
tive clutch protects the mechanism of the  
binder • attachment eliminates many costly  
parts such as bull chain, sprockets, bearings,  
pitman shaft, etc.

See our Local Dealer or Write

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When Writing Advertisers  
Mention Kansas Farmer



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After 10 years of  
building Lawn  
Mowers, we have de-  
veloped a sickle type  
mower that will cut  
fine grass or large  
weeds. Will cut lawns as  
short as 1 in. Especially built for Cemeteries, Parks  
and Schools. Mower has I.H.C. Lespedeza guards and  
sickle, which gives double cutting capacity. Center  
drive on sickle permits close cutting around curbs  
and shrubbery. When answering this ad state type of  
mowing: Yards, Parks or Cemeteries.

### SPECIFICATIONS

Width of Cut—36 in. Bearings—Standard Ball.  
Power—1 1/2 H.P. Air-Cooled Motor.  
Frame—Fabricated Electric Welded Steel.  
Differential—Auto Type Drives From Both Wheels.  
Drive—Standard Auto V-Belts Gears—Machine Cut.  
Tires—40x8 Pneumatic. Self Propelled.

Foushee & Heckendorn, Cedar Point, Kan.



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## Advertising Set-Aside in June!

Through the request of the dairy farmers of the nation, dairy plants will set-aside one cent a pound on butterfat (or its equivalent in milk) during the month of June. This action is taken to provide for a year 'round program of dairy farmer advertising, merchandising and research. Thirty days in June provide for twelve months business activity in expanding the markets for Milk, Butter, Cheese, Ice Cream, and all dairy foods. It's a business program designed by dairy farmers and for dairy farmers. Make sure that the dairy plant purchasing your cream or milk does its part.

## AMERICAN DAIRY ASSOCIATION

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"VOICE OF THE DAIRY FARMER"

### The BEAR CAT

Combination  
GRAIN and ROUGHAGE MILL  
Also ENSILAGE CUTTER



Grinds any feed—green, wet or dry. This feeder really takes in loose roughage, bundles or bale flakes and no monkey business about it. Large capacity guaranteed with ordinary farm tractor. Grinds grain, ear or snapped corn with roughage or separate. Has cutter head and swing hammers. Get full information on this real honest-to-goodness Grinder. Write

Western Land Roller Co., Box 135 Hastings, Nebr.

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and Dry Bones

We Pay More for Them  
Than Anyone Else  
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HYDRAULIC  
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One Man and Tractor Can Do Own Dirt-Moving  
for Soil Conservation, Irrigation Work

Now do something about Soil Conservation and Irrigation on your farm. Attach THE SOIL MOVER behind your tractor and watch the dirt fly. You can do all your cutting and filling in almost no time. From the tractor seat, you touch a lever and the hydraulic-powered SOIL MOVER goes into action. Scrapes in a large capacity load—carries it (no dragging) on rubber tires—dumps or scatters it wherever you choose. No stopping. No tiring hand operations. Easiest scraper to unload you ever saw—bucket dumps backwards. Ideal for filling ditches and around buildings and foundations. The SOIL MOVER is handy for general farm work, too. Pays for itself in a week of work. Send post card today for free folder, prices, where to buy . . .

#### Do Any Of These Jobs With THE SOIL MOVER

- Build your own dams and ponds.
- Fill gullies, wash-out; prepare water ways for seeding.
- Level knolls; fill in low spots.
- Construct dikes and flumes.
- Clean out yards and silos.
- Fill in around buildings and foundations.

THE SOIL MOVER, INC., Dept. 34, Columbus, Nebr.

## No Permanent Farm Bill

(Continued from Page 7)

bill which would prescribe the administrative set-up in the Department of Agriculture. The Grange and the Co-operative Council objected to the 3 councils set up in the bill—National Council, State Councils, and County Councils. The Farmers Union approved this part of the bill. Grange and Farmers Union and Co-operative Council agreed in opposing the provisions which would increase the scope and powers of the Extension Service, which the other organizations believe is too much dominated by the American Farm Bureau.

Every farm organization representative applauded the committee for bringing in the bill for discussion; they also were in general agreement that its various provisions should get much more discussion and study than seems possible this session of Congress, which is loaded down with world problems and harassed by election campaign problems.

There was general agreement that the parity formula should be modernized; the 10-year "moving" base was approved in principle, but different commodity groups want to study its probable effects before allowing final action to be taken.

There was general agreement that the price support program should be extended, but grave doubts expressed whether the 90 per cent support should be promised "without strings" for perishable commodities. Farm organization representatives agreed present parity formula is decidedly unfair to dairy and livestock. But wheat, cotton, tobacco, peanuts don't want to be "sacrificed" to take care of dairy and livestock.

A broad, general conclusion that the Aiken bill will not become law this session of Congress seems justified from the general run of approval (in principle) of its objectives and the varied criticism of its different provisions.

The House Committee on Agriculture will hold hearings the early part of this month on the Hope (Kansas) land use and management bill, as outlined in the previous issue. However, the hopes of the House Committee on getting general long-range legislation thru this Congress can be measured by the fact that the House Committee recommended for passage the Hope price-support extension bill (HR 6248).

In testimony before the Senate Committee the Grange, the Farmers Union, and the National Co-operative Council took occasion in passing to approve the Hope land use and management bill, previously mentioned.

The Hope price-support extension bill would authorize and direct the Secretary of Agriculture to "support prices received by producers of cotton, wheat, corn, tobacco, rice and peanuts marketed before June 30, 1950, if producers have not disapproved marketing quotas for such commodity for the marketing year beginning in the calendar year in which the crop is harvested."

Price supports for these commodities would be made available as follows:

"To co-operators at the rate of 90 per cent of the parity price for the commodity at the beginning of the marketing year; to non-co-operators at rate of 60 per cent of the (90 per cent) rate specified above and only on so much of the commodity as would be subject to penalty if marketed."

"All provisions of law with respect to loans under the Agricultural Adjustment Act of 1938, as amended, shall be applicable with respect to loans or other price support operations authorized under this subsection."

In regard to "Steagall" commodity price supports, the bill provides:

"To support until June 30, 1950, a price to producers of (Steagall) commodities . . . of not less than 60 per cent of the parity or comparable price therefore nor more than the level at which such commodity was supported in 1948, except that milk and its products shall be supported at 90 per cent of parity."

"The comparable price for any such commodity shall be determined and the Secretary for the purposes of this subsection if the production or consumption of such commodity has so

changed in extent or character since the base period as to result in a price out of line with parity prices for the commodities referred to in section (a) hereof. (That is the basic commodities named.) In carrying out this subsection the Secretary of Agriculture shall have authority to require compliance with production goals and marketing regulations as a condition of eligibility for such support."

The Hope bill also carries provisions for the imposition of import quotas and imposition of import fees (tariff by another name) up to 50 per cent ad valorem, to protect imports in quantities sufficient to depress prices unreasonably.

And subsection (f) may arouse controversy when the bill hits the floor of the House. It reads: "No proclamation under this section shall be enforced in contravention of any treaty or other international agreement to which the United States is or hereafter becomes a party."

In the House particularly there are signs of growing opposition to international agreements which have not been subject to Congressional approval before going into effect. The opposition is becoming so strong that it may be impossible to get an extension of the Reciprocal Trade Agreements act, unless agreements under the act are subject to Congressional action before going into effect.

Unless the temper of Congress changes, it is not unlikely that the Hope price-control extension bill, or something like it, will be the limit of general farm legislation enacted this session.

The authorization for erection and operation of a foot-and-mouth disease research laboratory got by Congress only after the bill had been amended to require that laboratory be located on an island "not connected by any tunnel" with the mainland. The tunnel provision protects Long Island from being the site of the laboratory.

House Ways and Means Committee has decided not to attempt any reduction in excise taxes this session of Congress. Reason: preparedness program promises to cost 5 or 6 billion dollars a year more than was anticipated in January. And Paul Hoffman, administrator of the Marshall Plan program, already has notified the House Appropriations Committee that the 6 1/4 billion dollars for foreign assistance under the Marshall Plan will not be sufficient to carry thru the coming fiscal year.

What that means, probably, is that the next Congress will have to increase income tax rates for 1949. However, the new income tax schedules—if these taxes are increased—will be based on the higher exemptions and on the "community property" provisions contained in the tax reduction act passed recently over the President's veto.

Exports of foodstuffs next year are expected to be materially less than during the current year. Numbers of animals to be fed the coming year will be about 15 per cent less than this year; feed grain supplies are expected to be considerably larger. Net result, food prices (barring more inflation, a factor not to be ignored) are expected to decline. That means farm prices presumably also will decline—barring further inflation.



"Parents are funny, aren't they? Your mom sits up and worries about you, and my dad sits up and worries about the car."



## There Is New Life In This Old Building

WHEN ladies of the Wilsey Farm Bureau unit organized a little more than a year ago they had 31 members. A large initial membership, too large to meet comfortably in private homes. But they found a way. They bought a building in Wilsey and now have a community meeting hall that is finding wide usage.

The old building they purchased was formerly a printing plant, then was used as a residence. Now the interior has been redecorated, with the labor being donated by both men and women in the community. Venetian blinds cover the windows. There is a new rug for a parlor. A piano was given them and they now have a gas range, serving dishes for 100 persons and plenty of chairs. And a coat of paint will lend to the attractiveness of the exterior. This building provides a meeting

place for the Farm Bureau unit and is used for 4-H meetings, too. But there is more to it than that. Every Wednesday evening there is entertainment for all young folks of the town and community. They can meet in the hall for bingo, pingpong and other games. There is dancing, both ballroom and square, and if educational pictures are desired, the extension agents supply them.

The church, Y. W. C. A. and civic organizations are well aware of the value of the program. They help the unit sponsor the meetings for the young people. Since most of these young people are in school, entertainment night during examination week may be changed from Wednesday to Friday. Then students will have school evenings free for studying and still have their fun night.

Then when a visiting high-school team is in Wilsey, the host team can use the building for entertaining the visitors.

The Farm Bureau ladies started something that is helping to create better relations with surrounding communities, as well as providing clean entertainment for the young people in their own area.

Due credit for the working of the plan must go to the officers of the Wilsey group. They are Mrs. Richard Gant, president; Mrs. Harold Bobst, vice-president; Mrs. Richard Hensley, secretary-treasurer; and Mrs. R. E. Haley, reporter.

## SPEAR-TOON



"I'm scheduled for the frying pan next week!"

### FEED GRANULES—NOT MASH

Start smart with a smart start—don't be old fashioned. Feed SPEAR CHICK GRANULES not mash. They're bite size and a complete ration with each bite. Chicks eat them sooner and drink more water. Your chicks will love them—they're palatable. And there's a gift tumbler for your table in every 100-lb. bag. Write for FREE Booklet, "How to Raise Profitable Baby Chicks," and name of your SPEAR Dealer, to

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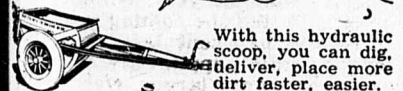
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For hydraulic equipped tractors. Hand lift model also available.



With this hydraulic scoop, you can dig, deliver, place more dirt faster, easier.

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## Marketing Viewpoint

By C. P. Wilson, Livestock; Paul L. Kelley, Poultry, Eggs and Dairy.

*I am a GI in Northwest Kansas and have 75 head of medium-grade 650-pound steers and heifers. I bought them at a good price last fall. Should I sell now or put them on grass?—N. W.*

These cattle probably will bring more per pound now than they will off grass. If you need the profit you now have in them to pay off debts, the safe thing to do is to sell and clear up some debts. However, if you can afford to take some risk, there is a good chance that cheap gains on grass will more than offset declines in price. This is especially true if you have your own grass which otherwise would not be used. If you do put them on grass, it might be well to consider selling off grass early rather than going until frost.

*What is your opinion of the slaughter cattle market during the next 4 or 5 months?—H. H.*

The market for well-finished slaughter cattle is expected to remain about steady during the next 30 to 60 days. Some improvement in prices is probable, beginning about the first of July and carrying well into or thru the early fall period.

Prices of the lower grades of slaughter cattle probably will begin a seasonal decline soon which will carry thru the summer and early fall months. No sharp break in prices is expected, but prices probably will work gradually lower, especially after grass cattle start coming to market.

*What seems to be in prospect for milk prices now and during the next 6 months?—J. B.*

All indicators point toward maintaining the same general level of milk prices at least thru most of 1948. Increased expenditures for the European Recovery Program, armaments, and higher wages likely will keep our economy operating on a high level for most of 1948. However, in considering milk prices producers possibly should figure what is likely to be the yearly price they will average for milk during 1948. They should not put too much stress on the present level of milk prices to determine fall milk prices. Also, in many milk markets producers can receive a premium for milk by shifting their production patterns to producing a greater proportion of their milk in the fall months.

To overcome danger from lightning along barbed-wire fences, we ground the wires every one-fourth mile.—R. W.



## They're Telling Us...

... GOOCH'S BEST Growing Mash starts birds laying earlier . . . gives you extra months of egg production for bigger, quicker profits.

At six weeks, start chicks on GOOCH'S BEST Growing Mash, plus scratch grains. Seven pounds of this concentrated mash is all that is needed to develop healthy, early-laying pullets.

## Print Sacks

Gay, colorful dress prints . . . on fine quality washable cloth.



## GOOCH'S BEST GROWING MASH

Each year I raise 2 or 3 hundred young chickens for our own table use and for a small flock of laying hens. Last summer I fed Gooch's Growing Pellets for the first time. The results were very gratifying. I didn't lose a single bird and the fries were the finest I've ever raised. I kept the pullets for layers and they are beauties, big, healthy and splendid layers.

It is a pleasure to recommend your food.

Sincerely,  
Mrs. Mable B. Timmons  
Coldwater, Kansas



Feed GOOCH'S BEST Pig and Sow Meal (containing Sardine Fish Solubles) to your brood sows NOW, for husky litters . . . and to your baby pigs as soon as they will eat . . . for quick, sturdy growth through weaning without setbacks.





# Make Higher Profits with Hy-Line CHICKS!



New Kind of Chicks  
Bred Like Hybrid Corn

## Get MORE EGGS from Hy-Line Pullets Than from Ordinary Farm Flocks

J. O. COOMBS & SON invite you to step up your flock egg production. Raise Hy-Line Chicks, the better farm layers you've wanted for years. Hy-Line pullets generally lay 2 to 6 dozen more eggs per bird per year than ordinary chickens. Yearly averages of 200 eggs per Hy-Line are common, under good farm conditions. Here are some actual records:

Name	No. Hy-Lines Housed	Total Eggs Laid	Average Per Hy-Line
A. B. Frandson	250	58,814	235.2
Jewell, Iowa			
Fred Shields	500	105,295	210.5
Red Oak, Iowa			
Ray Allen	114	25,034	212.1
Maize, Kansas			
Mrs. W. C. McClain	197	41,251	209.3
Sabetha, Kansas			
Roy Rhodes	131	26,789	204.4
Maize, Kansas			



### Official Average 224 Eggs Per Hy-Line

At the Illinois Egg Laying Tests, 156 Hy-Lines made an official average of 224.5 eggs per bird per year. This was 66.1 more eggs per bird than all standard-breds averaged. Conditions were identical for all birds. Hy-Lines earned a big extra income per 100 birds entered. Here are the figures compiled

from the Illinois Department of Agricultural reports:

Birds Housed	Total Eggs Laid (51 wks.)	Val. at 3 1/2c Per Egg
100 Hy-Lines	22,450	\$785.75
100 Stan. Breeds	15,850	554.75
Difference	6,600	\$231.00

### Hy-Lines Lay More Eggs Per Pound Feed

You'll be interested in this additional report from an independent source. Following figures were compiled from the report issued by Extension Service of Iowa State College:

Breed	Avg. Eggs Per Bird	Feed Con. Per P.D. Eggs
Hy-Lines	227	5.7 lbs.
Stan. Breed No. 1	176	7.2 lbs.
Stan. Breed No. 2	172	7.0 lbs.
Stan. Breed No. 3	171	7.7 lbs.

### TRY HY-LINE CHICKS THIS YEAR!

You owe it to yourself to try Hy-Line Chicks. Learn what they can do for you. Start your Hy-Line Chicks now. Compare Hy-Line egg production with that of others. That's what we did on our own farm. And we got a pleasant surprise in extra profits. This is the

year to profit with Hy-Lines. Reports show a big reduction in total chicks hatched this season. This means fewer layers in the fall. With Hy-Lines, eggs can be your most profitable crop next fall and winter. So start Hy-Lines right away. Get these proven high profit makers for your flock.

Admire—Larkin & Co.  
Anthony—Hoopes Hatchery  
Axtell—Bishop Produce  
Baxter Springs—Blinn Feed & Seed  
Beloit—Jones Feed & Seed Store  
Burlingame—Mrs. G. D. Smith, Route No. 2  
Burlington—Solshy Feed & Seed Store  
Burr Oak—Mack Harris  
Burnton—W. W. Matlack  
Bushong—Harder Hardware  
Cedar Vale—Les L. Smith  
Chanute—Farm Service Stores, Inc.  
Cliffin—Kenneth Praeger  
Chetopa, Kan.—Karns Grain Co.  
Clyde—Derussau Hatchery  
Coldwater—A. L. Beeley  
Colony—Colony Produce  
Cottonwood Falls—Mendenhall Produce  
Council Grove—Farmers Produce  
Delavan—Farmers Grain & Supply Co.  
Effingham—Plinder Grain & Coal Co.  
El Dorado—Home Grain Co., Inc.  
Emporia—The Kansas Soya Products Co., Inc.  
Enterprise—Kiddell Hatchery  
Ft. Scott—National Ice & Feed Co.  
Garden Plains—Farmers Co-Op Elevator Co.  
Gardner—Gardner Grain Co.  
Garrett—A. D. Fawkes & Son  
Fairview—Henry Cordings Produce & Feed Store  
Fredonia—L. P. Martins Produce  
Fulton—White Produce  
Girard—Karhe Ful-G-Pep Store  
Hiawatha—Benton Feed Store  
Holton—The Holton Produce Co.  
Howard—Sears Produce  
Humboldt—Farm Service Stores, Inc.  
Humboldt—  
Lewis Drake Humboldt Elevator Mills  
Hutchinson—Mallory Hatchery  
Independence—Andrew Johnson Feed  
Iola—Farm Service Stores, Inc.  
Junction City—Perry Packing Co.  
Kansas City—Dyer & Co.  
Kinsley—Harris Hatchery  
La Cynne—Farmers Produce

Lansing—Jameson Feed Store  
Lawrence—J. B. General Merchandise  
Lebanon—Rollins Produce  
Lincoln—Lincoln County Farmers Co-Op., Assn.  
Lorraine—H. W. Mehl  
Louisburg—C. S. Wise  
Lyndon—Farmers Co-Operative Assn.  
Lyons—Warlop's Feed Store  
Mankato—Carter's Produce  
Marysville—McMahon Feed Store  
Matfield Green—Paul Bell  
Mayetta—Charlie McCrory  
Morse—Morse Grain Co.  
Mound City—Ward Produce  
Moundridge—Jonas Vorum  
Mound Valley—Browns Produce  
Mt. Hope—Mt. Hope Produce  
Muscatine—John Armstrong  
Olathe—Farmers Union Elevator  
Onaga—Wm. Kolterman  
Oskaloosa—Walter L. Bleil  
Oswego—Karns Grain Products Co.  
Ottawa—Goodman Feed & Produce Co.  
Overland Park—Jennings Feed & Coal Co.  
Paola—Elmer Thoden  
Parker—Lockhart Station  
Parsons—Dodd Feeds  
Paxico—Wm. Leltz  
Pomona—Pomona Feed & Seed Co.  
Quenemo—Quenemo Produce  
Rossville—Rossville Produce  
Sabetha—Mrs. W. C. McClain  
Saffordville—North Grain Co.  
Sedan—Sedan Seed House  
Seneca—John Sauer  
Smith Center—Collier Produce  
Tonganoxie—Dale Rawlings Feed Store  
Topeka—Shimer Feed & Seed Co.  
Troy—Triplett Fruit & Produce  
Vermillion—Foster Produce  
Wakarusa—Wakarusa Grain & Elevator Co.  
Waterville—Wagor Produce  
Wellington—Newell Feed Co.  
White City—Sibley Grain Co.  
Wichita—Wichita Co-op.  
Winfield—Wallace Feed Store

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**J. O. COOMBS & SON • SEDGWICK, KANSAS**

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10c per word each issue.  
Minimum—12 words.  
Names and addresses are part of ad, thus are billed at per-word rate.  
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Column Inches	Cost Per Issue	Column Inches	Cost Per Issue
1/2	\$4.90	2	\$19.60
3/4	\$7.80	3	\$29.40

Minimum—1/2 inch.  
Cuts and borders are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.  
Write for special display requirements.

### PLANTS AND NURSERY STOCK

Millions Certified, Openfield grown, wilt-resistant, Improved Portorico and Red Velvet Potato Plants, 10,000 bushels uniform hand selected, seed bedded. All plants large, tough, well-rooted: 300—\$1.00; 500—\$1.50; 1,000—\$3.00; 2,500—\$6.50; 5,000—\$12.50; 10,000—\$23.50; 20,000—\$45.00 postpaid. Large lots \$2.00 F.O.B. We are overstocked with millions tomatoes, cabbage, onions, peppers. These plants are grown from treated, highest quality certified seed, which will mature crops weeks ahead of common seed. All openfield grown, planted thin, row-cultivated, large pencil-size stems, well-rooted 6 to 12 inches tall, all same price, mixed anyway wanted: 400—\$1.00; 1,000—\$2.00; 2,500—\$4.75; 5,000—\$9.00; 10,000—\$17.50 postpaid. Large lots express collect \$1.25 per 1,000. Few varieties listed: Tomatoes—Rutger, Stone, Marglobe, Earliana, Pritchard, Bison, Break-O-Day, Baltimore, Large Reds, Firesteel, McGee, June Pink, Cabbage—Jersey, Charleston Wakefield, Early Late Dutch, Golden Acre, Surehead, All Season, Onions—Bermuda, Sweet Spanish, Prize-taker, packed 50 to the bunch, mossed, wrapped, labeled, true varieties. Any above transplanted plants, 300—\$1.50; 1,000—\$3.00 postpaid. Take no chances. These plants are certified, wilt-resistant, free from disease. We ship anywhere. Guaranteed to fill all orders same day received. Best plants money can buy. When better plants are grown, we will grow them. Satisfaction guaranteed or your money back. Kenneth Plant Farm, Whitesboro, Texas.

Remember Quality Counts. Try our best Texas Certified Plants. Millions now ready. Open field grown, large tough, well-rooted, hand-selected, improved Portorico and Red Velvet potato plants: 300—\$1.00; 500—\$1.50; 1,000—\$3.00; 2,500—\$6.50; 5,000—\$12.50; 10,000—\$23.50; 20,000—\$45.00 postpaid. Large lots \$2.00 per 1,000 express collect. We have 100-acre farm of all open field grown, large tough, well-rooted, pencil size stems, all same price, orders mixed anyway wanted: 400—\$1.00; 1,000—\$2.00; 2,500—\$4.75; 5,000—\$9.00; 10,000—\$17.50 postpaid. Large lots express collect \$1.25 per 1,000. Varieties listed: Tomatoes—Rutger, Stone, Marglobe, Earliana, Pritchard, Break-O-Day, Baltimore, McGee, John Baer, Large Reds, Cabbage—Jersey, Charleston, Wakefield, Early and Late Dutch, Golden Acre, Surehead, Copenhagen, Marion Market, Onions—Bermuda, Sweet Spanish, Prize-taker, Roots packed in moss, shipped in new air ventilated special built containers. State size wanted and we guarantee to ship them the same day you say with perfect satisfaction, guaranteed or your money back. Moore Plant Farm, Whitesboro, Texas.

400 Plants, \$1.00. Mixed anyway wanted. 50 to the bunch. Mossed, Wrapped, Labeled, Postpaid. Satisfaction guaranteed or money back. Varieties: Break-O-Day, Earliana, Rutger, Pritchard, Baltimore, Stone, Largered, Firesteel, Marglobe, Oxheart, Peppers: California Wonder, Chinese Giant, Worldbeater, Bullnose, Pimiento, Cayenne, Chili, Cauliflower, Snowball, Autumn Giant, Also Broccoli, Brussels Sprouts, Collards, Beets, Head Lettuce Plants, Cabbage: Golden Acre, Allseason, Wakefields, Dutch, Ballhead, Copenhagen, Allhead, Early, Onions: White Bermuda, Yellow Bermuda, White Spanish, Yellow Spanish, Prize-taker, Prices above plants: 400—\$1.00; 1,000—\$2.00; 2,500—\$4.75; 5,000—\$9.00; 10,000—\$17.50 postpaid. Transplanted plants: 400—\$2.00; 1,000—\$4.00; 2,500—\$8.00; 5,000—\$16.00; 10,000—\$32.00 postpaid. Potato Plants: State Certified, Portorico, Nancy Hall, Red Velvet, 300—\$1.00; 1,000—\$2.50; 5,000—\$12.00 postpaid. North Texas' Largest Plant Grower. Please note: Above prices are prepaid to you. You pay no postage nor COD charges. Order today or delivery on any date. Sadler Plant Co., Sadler, Texas.

Cabbage-Onion-Tomato-Pepper Plants. Hardy, field-grown, hand-selected, full count, expertly packed. Grow ready to plant. All popular varieties: 100—50c; 300—\$1.00; 500—\$1.50; 1,000—\$2.50. Onion plants ready now, White Bermuda only: 300—75c; 500—\$1.25; 1,000—\$2.00; 5,000—\$8.75. Tomato plants ready April 1st. Marglobe, Rutgers, June Pink, Pritchard, Stone, Gulf Star, 100—75c; 300—\$1.25; 500—\$1.75; 1,000—\$3.00; 5,000—\$12.50. Pepper April 1st. Sweet: World Beater, Calwonder, Hot; Cayenne, Tobasco: 75c per hundred. All prices postpaid. Prompt shipment. Satisfaction guaranteed. Harper Seed Company, Navasota, Texas.

Certified Plants—Large, field grown, well rooted, hand selected, roots mossed. Tomatoes—Earliana, John Baer, Marglobe, Bonny Best, Rutger, Stone, 200—75c; 300—\$1.00; 500—\$1.50; 1,000—\$2.50. Cabbage—Wakefields, Dutch, Copenhagen, 200—75c; 300—\$1.00; 500—\$1.25; 1,000—\$2.25. Onion—Bermuda, Sweet Spanish, 300—75c; 500—\$1.00; 1,000—\$1.75; 2,000—\$3.00. Pepper—California Wonder, Chinese Giant, 50—40c; 100—60c; 200—\$1.00; 500—\$2.00. All postpaid. Prompt shipment. Satisfaction guaranteed. Culver Plant Farms, Mt. Pleasant, Tex.

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Onion Plants—Choice select Yellow or White Sweet Spanish, Yellow or White Bermudas. Satisfaction guaranteed or money back. Shipping daily until June, 300—\$1.15; 500—\$1.50; 1,000—\$2.50; 3,000—\$4.25; 6,000—\$7.50 prepaid. Send check with order. Give both mail and express address. Austin Plant Company, Box 313, Austin, Texas.

Send No Money—Pay on Arrival—Certified plants. Frostproof Cabbage, Onion, Tomatoes, Pepper, Broccoli, Brussels Sprouts, Cauliflower, 200—\$1.00; 500—\$1.50; 700—\$2.00; 1,000—\$2.50. Leading varieties, mixed anyway wanted, moss packed. Texas Plant Farms, Jacksonville, Texas.

Plants—Rutger Tomatoes, Cabbage—Allseason, Charleston, Round Flat Dutch, Potatoes—Porto Rico, Nancy Hall, Bunch Porto Rico, Red Velvet, 500—\$1.75; 1,000—\$3.00; 5,000—\$13.75. Postpaid. Satisfaction guaranteed. Bruce Rhodes, Malvern, Ark.

Sweet Potato Plants—Improved Porto Ricans and Golden yellow Nancy Halls, 200—\$1.00; 500—\$1.75; 1,000—\$2.50. Prompt shipment and satisfaction guaranteed. Thrift Plant Farm, Gleason, Tenn.

### PLANTS AND NURSERY STOCK

#### SWEET POTATO PLANTS

Pink Skin Porto Rico and Nancy Hall

200	\$1.00	1,000	\$2.75
500	\$1.50	5,000	\$12.50

Good plants, full count, safe arrival.  
JONES PLANT FARM, SHARON, TENN.

Sweet Potato Plants, Improved heavy-producing Nancy Halls, Portoricans, Carefully packed. Quick shipments. Guaranteed. Postpaid. 200—\$1.00; 500—\$1.75; 1,000—\$3.00. Pete Taylor, Gleason, Tenn.

Sweet Potato Plants, Golden Yellow Nancy Halls, Pink Skinned Portoricans, 300—\$1.00; 500—\$1.50; 1,000—\$2.50. Wholesale Plant Co., Gleason, Tenn.

Sweet Potato Plants—Nancy Hall, Portorican, 200—\$1.00; 500—\$1.75; 1,000—\$2.70 postpaid. Queen Marie Farms, Gleason, Tenn.

### BABY CHICKS

#### DeRusseau Chicks

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U. S. APPROVED U. S. PULLORUM Controlled  
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Bush's Select Bloodtested Barred, White Rocks, Reds, Wyandottes, New Hampshires, Orpingtons, \$10.40. Pullets, \$13.80. Cockerels, \$10.40. Big Type Leghorns, Austra Whites, \$9.70. Pullets, \$16.70. Started Pullets, \$39.95. Also Assorted, \$7.90. Leftovers, \$6.90. Barnyard Special \$5.90. Odds and ends, \$4.95. Surplus chicks, \$4.45. Catalog. Bush Hatchery, Clinton, Mo.

Improved, Bloodtested White, Barred Rocks, Reds, Wyandottes, \$7.95. Pullets, \$12.95. Cockerels, \$8.95. Austra-Whites, White Leghorns, \$7.95. Pullets \$12.95. Started \$39.95. Assorted Heavies, \$7.45. Mixed Assorted, \$6.95. Leftovers, \$5.95. Surplus Cockerels, \$4.95. Barnyard Special, \$3.95. Odds-Ends, \$2.95. 100% F.O.B. No catalog. Order direct. Thompson Chicks, Springfield, Mo.

Superfine Chicks—Fifteen breeds, including White Giants, Black Giants, Buff Minorcas, Silver Laced Wyandottes, Anconas, Black and tralors, Buff Orpingtons, Buff Barred, White Rocks, New Hampshires and Rhode Island Reds and Leghorns. Free literature. The Thomas Farms Hatchery, Pleasanton, Kan.

Coombs Leghorn Chicks. 250-322 egg sired, 23 consecutive years. Austra-White chicks from outstanding ROP strains. Kansas State College strain White Rock chicks, 200-275 egg pedigree sired. 100% fast feathering. Hy-Line chicks, new kind bred like hybrid corn. Free circular. Write: Coombs & Son, Box 6, Sedgwick, Kan.

Kansas Pullorum Tested AAA Grade Chicks. Early order discount. White and Barred Rocks, Buff Orpingtons, Rhode Island Reds, Austra Whites, New Hampshire Reds, Black Australorps, White Leghorns, Buff Minorcas, Light Brahmans. Prepaid in 100 lots. Moline Hatchery, Moline, Kan.

Tudor's 41 Years Experience brings you quality chicks. Kansas approved. Pullorum Tested. Bred for production. Tudor's Hatchery, Central, Topeka, Kan.



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Field Matured. Spergon treated. Flats \$11. Rounds \$8. Large Rounds \$7. Freight prepaid. RALF E. HOCKENS, Arlington, Kan.

## Certified Gibson Soybeans

Germination 90%. Purity 99.29%. Price \$6.00 per bushel at farm or F.O.B.

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**CERTIFIED AXTELL SORGO SEED**  
Germination 87, purity 99.5. Best feed and grain insurance against drought. Outyields Atlas 8 bushels per acre in state tests, 10 days earlier. Produced 47 bushels reclaimed seed per acre in dry year of 1947, corn produced 23 under like conditions. "To be sure of something, plant Axtell." 14c at farm, 15c F.O.B. H. S. MILLER, Morrill, Kan.

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**Pure, Certified Norkan Seed.** Fort Hays Experiment Station, Hays, Kansas.

**For Sale—Certified Sumac Cane.** \$14 cwt. at bin. Eugene Fargo, Haviland, Kan.

**Certified Axtell Sorgo Seed for sale.** Lou Hereford, Rt. 3, Fort Scott, Kan.

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**New Alfalfa Seed for Summer-Fall planting.** \$15.00 bushel delivered free. Send order direct to us or write for free samples. Alfalfa Seed Marketing Service, Box 1179H, Salina, Kan.

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**Large White Embden Geese Eggs** 50c each. Geese \$5.00, gander \$7.00, pair \$10.00. White Pekin duck eggs 10—\$1.00, drakes \$1.50. Eggs prepaid. Sadie Mella, Bucklin, Kan.

## GUINEAS

**White African Guinea.** Closing our sale. Baby Guinea, Eggs, Stock. Catalog free. Goshen Poultry Farm, Goshen, Ind.

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**Helm's Danish Brown Leghorns.** Holder Three World Records. Bigger bodied. Larger eggs. Leading breeds. ROP sired. Illinois Hatchery, Metropolis, Ill.

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**Turkey Poults** available late May and June. Stants Turkey Farm, Abilene, Kan.

## POULTRY—MISCELLANEOUS

**Peafowl, Pheasants, Bantams, Waterfowl, 30 varieties Pigeons.** Free circular, John Hass, Bettendorf, Iowa.

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**AUCTION SCHOOL** Learn Auctioneering America's Leading Auctioneers Teach You. Students sell actual Sales. Largest school in world. 10 years in operation. Don't be misled. Term free. Free catalog. Write **WEISCH AUCTION SCHOOL**, Mason City, Iowa

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**Antiques—Old oil burning hanging lamps, metal or glass, with round, oval, square shades, made before 1890.** \$5.00 to \$50.00 each. Old envelopes, stamps, used or mailed from 1840 to 1890. Prominent collector sends interesting information free. Also in market for Currier-Ives pictures. Rice, 3652 Asbury Avenue, Evanston, Illinois.

## REMEDIES—TREATMENT

**Free Book—Fishes, Flatulency, Colic, Stomach, associated conditions. Latest methods. Thornton & Minor Clinic, Suite C500, Kansas City, Mo.**

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Electric Household Refrigerators  
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Electric, or Bottle Gas with coal and wood. All for immediate delivery. Limited supply. Write or visit **MIDWEST APPLIANCE STORE** 608 Kansas Ave., Topeka, Kansas

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Complete stock of parts for Delco—Montgomery Ward, Fairbanks—Morse, Onan, Sears.

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## L. KIRLIN CULTIVATOR

(The Original Kirlin Cultivator)

A simple and sturdy sled type cultivator, especially adapted for listed corn and grain sorghums. Write or phone 100 or 105 for information and circular.

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Centalla, Kansas

**Combine Owners:** We manufacture pressed steel V-pulleys 6 inches to 30 inches diameter, and furnish V-Belt Conversion Drives for these combines: International Self-Propelled 123 SP, 122; Case Combines A6, A, B, C, H, M, K, P; Holt-Caterpillar 34, 38; Platform Drive for John Deere 17, 5A; Engine Drive for M-M Jr., G2, G3; Platform Auger Drive G4; also Pickup and Auger Drive for New Holland Baler. Field tested. Write for literature for your machine. Farrar Machine Shop, Norwich, Kan. Phone 100J.

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**Farm Telephones.** New model, handset wall telephones for rural lines—prompt delivery by parcel post. Write: Farm Telephone, Dept. 643, Rogers Park Station, Chicago 26, Ill.

**Free—Big 1948 new and used tractor parts catalog.** Satisfaction guaranteed. Write Irving's Tractor Lug Company, Fargo, N. D.

## MACHINERY AND PARTS

## NEW AND USED TRACTOR PARTS

Write for big, free 1948 catalogue; tremendous savings. Satisfaction guaranteed. Write Irving's Tractor Wrecking Co., Des Moines 3, Ia.

**Combine Supplies:** Heavy Duty Canvasses... V Pulleys and Conversion V Belt Drives Floating Windrow Pickups... Rubber Belt Feeder House Raddles... Grain Blowers... Rasp Bars for Tooth and Rasp Cylinders. Write: Richardson Mfg. Co., Cawker City, Kan.

**Avery Caterpillar-Holt Combine for sale.** Windrower. H. M. Porth, Winfield, Kan.

## LIVESTOCK ITEMS

**Train Horses by Circus Methods.** Free book. American Horse Training Institute, Box BC-110, Columbus, Kan.

**"How to Break and Train Horses"**—A book every farmer and horseman should have. It is free, no obligation. Simply address Beery School of Horsemanship, Dept. 435, Pleasant Hill, Ohio.

## DOGS

**English Shepherd:** Puppies. Breeder for 22 years. Shipped on approval. 10c for pictures and description. H. W. Chestnut, Chanute, Kan.

**Wanted Fox Terrier Puppies.** Box 261, Stafford, Kan.

**Shepherds, Collies, Heelers, Watch Dogs.** Zimmerman Farms, Flanagan, Illinois.

## FILMS AND PRINTS

## 3c Deckledge Reprints 3c

Beautiful Velox Deckledge prints made from your negatives only 3c each. 6 or 8 Exposure rolls developed and printed on deckledge paper 25c. Artistic enlargements three 5x7 only 50c. Four 8x10 enlargements from negatives \$1.00. Your favorite photo copied and 10 printed made 65c.

SUMMERS STUDIO, Unionville, Mo.

**Butone Jumbo Prints** are different. Any 8-exposure roll developed and one Butone Jumbo print each, only 30c; additional Jumbo prints, 4c each. Butone Jumbo: Any 8-exposure roll developed and 2 regular size prints, each 25c; additional regular size prints only 3c each. All work guaranteed. Butone Photo Co., Box 1777, Wichita, Kan.

**Prompt Service.** Two prints ("Never Fade" Deckledge Velox) of each negative on roll 30c. Highest quality. Reprints special offer. Write Welch Photo Company, 2418-32 Penn., Minneapolis, Minn.

**16 Deckledge Prints** from any standard 8 exposure roll 25c. Quick service. Professional work. Skrudland, Lake Geneva, Wis.

**Three Prints** each 8-exposure roll 40c. Two each 35c. One each 25c. Reprints 3c. Fred V. Eastman, Bode, Iowa.

## PRODUCE WANTED

**Ship your cream direct.** Premium prices for premium grade. Satisfaction guaranteed on every shipment. Riverside Creamery, Kansas City, Mo.

**We want broilers, springs. Coops loaned free.** The Copes, Topeka.

## MISCELLANEOUS FOR SALE

**War Surplus.** Sensational Values. Scarce, hard to find items. Officers Pink trousers, brand new, sizes 28-44, all lengths, only \$8.95 postpaid. Navy Oxford, brand new, black, sizes 8-12, all widths, \$6.88 postpaid. Air Force Sun Glasses, 24K gold plated, ground lens, genuine leather case, \$2.95 postpaid. Leonards & Lee Surplus Sales, 3400 West Armitage, Dept. 115, Chicago 47, Ill.

## OF INTEREST TO WOMEN

**Castle Maturity—Education—Hospital for unmarried girls.** State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, Mo.

## FOR THE TABLE

**Flavorful Heartsease or Smartweed Honey.** 35c a lb. in 60's. Benj. Nielsen, Aurora, Neb.

## Officers Elected

A series of spring planning meetings of the Holstein-Friesian Association of Kansas were held and the following officers elected:

**Northwest:** Edmund E. Fellers, Hays, president; Jacob Stecklein, Hays, vice-president; Harold Greenwald, McCracken, secretary-treasurer; Ralph Bemis, Hays, director.

**Midwest:** Ed P. Ewert, Hillsboro, president; Ted Buhler, Assaria, vice-president; Harold Scanlon, Abilene, secretary-treasurer; E. A. Dawdy, Salina, director.

**West-Central:** Richard Evans, Jr., Hutchinson, president; Eugene Franklin, vice-president; Edward Reed, Lyons, secretary-treasurer; Roland Birchler, Ellsworth, director.

**South-Central:** George E. Stone, Sharon, president; Earl A. Boyle, Belle Plaine, vice-president; Wallace J. Beckner, Belle Plaine, secretary-treasurer; Leo H. Hostetler, Harper, director.

**Ark-Valley:** Dale Kubin, McPherson, president; E. S. Stephenson, Wichita, vice-president; Ed Regier, White Water, secretary-treasurer; John Heersche, Mulvane, director.

**North-Central:** Herb Hatesohl, Greenleaf, president; George Mueller, Hanover, vice-president; E. L. McClelland, Washington, secretary-treasurer; Herbert Hatesohl, Greenleaf, director.

**Northeast:** L. C. Gudenkauf, Sabetha, president; Harvey Bechtelheimer, Sabetha, vice-president and director; Glenn Sewall, Sabetha, secretary-treasurer.

**East-Central:** William Rice, Lawrence, president; Harlan Phillips, Denison, vice-president; Wilford Schuler, Nortonville, secretary-treasurer; Grover G. Meyer, Basehor, director.

**Capitol:** E. D. Coleman, president; Eugene Smith, vice-president; Glenn Palmer, secretary-treasurer; Joe M. White, director. All of Topeka.

**Southeast:** Maurice Wychoff, Altamont, president; Ralph Rust, Parsons, vice-president; Raymond Bollman, Edina, secretary-treasurer; R. C. Beezley, Girard, director.

## 10 Bushels Better

Summer-fallowed wheat land outyielded continuously cropped wheat land more than 10 bushels an acre last year in 17 counties in west south-central Kansas, according to Milton L. Manuel, of Kansas State College.

Area covered in the study recently completed by Manuel is south and west from Great Bend extending to Garden City.

Results obtained were from 78 farms in the area. Only farms growing wheat on both types of land were used in the study, Manuel said. Average yield from fallow land was 28.6 bushels an acre, compared to 18 bushels an acre from continuously cropped fields, he said.

"The study substantiates experimental results and indicates summer fallowing has a definite place in the practical farm organization," Manuel said.

## Brome Came Back

Brome grass seeded 36 years ago on the Harold Jeanerett farm, in Lyon county, came back last year to produce 410 pounds of seed an acre. All that was required was application of ammonium nitrate.

This 8-acre field received considerable attention nearly 2 years ago when its history was retraced. The seed was put in the ground just before World War I by Mr. Jeanerett's father. It was

## MISCELLANEOUS

**Read Capper's Weekly** and receive a gift. It's the most interesting and informative weekly newspaper you have ever seen. Write Capper's Weekly for details. Circulation Department K, Topeka, Kansas.

## FARMS—MISCELLANEOUS

**Lake Farm, Possession.** 154-acre lake-bordered Kansas farm offered by owner with other holdings at only \$6,650—immediate possession! On gravel road, RFD, creamery route, phone, electric lines, grade school adjoins property, 10 minutes high school depot town; 85 cultivated, more tillable, small woodlot, pond and spring in pasture, home fruit; fair 6-room frame house, well and cistern at door, basement, nice lake view, fair 30x36 frame barn, 18x20 poultry house; ready now, act now at only \$6,650, terms. See details big free Summer catalog many states just off press. United Farm Agency, 428-KF, BMA Bldg., Kansas City 8, Mo.

## FARMS—KANSAS

**Old People Must Quit.** Selling two good farms, each well improved. Close to good towns. Possession arranged. 160 acres \$6,900—6-room house, 120 acres \$4,000—large 3-room house. Write for details: James Hebb, Howard, Kan.

**Nice 40-acre Emporia.** 5-room cottage, barns, poultry houses, wheat, oats, alfalfa, electricity, possession. \$90 per acre. T. B. Godsey, Emporia, Kansas.

named Jeanerett brome, and an account of the rejuvenation work was carried in Kansas Farmer at the time. The old field was divided into test plots with applications of nitrate at 4 different rates. Pounds an acre supplied were 100, 200, 300 and 400.

Extremely dry weather in 1946 prevented complete revival of the grass. But even so it produced 150 pounds of seed an acre that first year. The 200-pound application seemed to be the most economical. Another 200 pounds was applied last year which was responsible for the yield of 410 pounds of seed an acre. Another 200-pound application was made this spring in an attempt to get even more Jeanerett brome seed.

Since harvesting his first seed crop 2 years ago, Mr. Jeanerett has seeded another 75 acres to brome from which he hopes to get more seed. Altho Jeanerett brome is not as yet certified, he has received a number of requests for seed from this stand that has withstood the severity of climatic conditions since early in this century.

## Get \$100 Scholarships

Carl Raymond Gray scholarships of \$100 each have been awarded twenty 4-H Club members in the state, J. Harold Johnson, state club leader at Kansas State College, announces.

The scholarships, made annually by the Union Pacific Railroad, are given for outstanding club projects and leadership.

Winners and their home towns include Leroy Sloop, Valley Falls; Dan Schmitt, Scottsville; Monna Schaper, Glasco; Gladys Sexton, Talmage; Louise Nelson, Marquette; Billy Joe Worcester, Hill City; Phyllis Patton, Holton; May Berg, Easton; Geraldine Cooper, Marysville; Alberta Swartz, Goff.

William Bortz, Downs; Derek Jackson, Westmoreland; Norma Pate, Garrison; Clyde Grover, Stockton; Norma Will, Salina; Phyllis Jean Woodward, Richland; Irene Cooper, Hoxie; Don Freisen, Colby; Berna Cox, Sharon Springs; and Olive Benne, Morrowville.

Five alternates also were named: Mary Baertch, Soldier; Iris Carswell, Downs; Denzell Ekey, Codell; Helen Lois Bush, Topeka; and Bobby Cornell, Washington.

## Pass 4-H Goal

The highest 4-H Club membership on record has been attained in Ellis county this year, County Agent Jewell O. Gebhart reports. By March 1 reporting time, there were 209 members and the goal was only 195. Ellis was one of 3 counties that had reached or surpassed their goals by that date.

Part of the reason for the increase is the organization of the first club in the Victoria community. This new club has 72 members and is the largest club in the state. Leaders are Mr. and Mrs. Ed Wellbrock.

## Big Class

The School of Agriculture at Kansas State College will graduate more than 160 students in 1948, Dean C. W. Mullen reports. The school has 88 candidates for degrees in June. It graduated 37 in January, and expects to graduate 38 at the end of summer school.

The agricultural degrees are divided among general agriculture, soil conservation, milling industry, agricultural administration, agricultural education, landscape design, agricultural journalism and floriculture and ornamental horticulture.

I keep a 1-gallon crock of used crankcase oil on the workbench in the wagon shed. It is very handy to dip in rusty bolts, burrs and other pieces of iron when repairing machinery.—C. C.

## Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$31.00	\$30.00	\$26.50
Hogs	21.25	25.25	24.85
Lambs	27.00	25.50	24.75
Hens, 4 to 5 lbs.	.22½	.22	.22
Eggs, Standards	.41	.40½	.39½
Butterfat, No. 1	.78	.80	.57
Wheat, No. 2, Hard	2.76½	2.57½	2.74
Corn, No. 2, Yellow	2.30½	2.41½	1.75
Oats, No. 2, White	1.34½	1.34½	.99½
Barley, No. 2	1.38	1.38	1.64
Alfalfa, No. 1	37.00	37.00	35.50
Prarie, No. 1	16.00	16.00	27.00



**Beef CATTLE**

## Registered POLLED HEREFORD BULLS

Good, Rugged Herd Bull  
Prospects From 11 to  
14 Months Old

70 Years of Development,  
20 Years With Present  
Bloodlines

**Fred W. Lamb**  
Macksville, Kan.

### Registered Hereford High Quality Bulls

Two year old sons of Beau Anxiety  
3941876 by Super Anxiety 5th  
2634824 and Domino breeding on  
dam's side.

ORVILLE L. JENKINS, Emmett, Kansas



**Polled Hereford Bulls**  
For sale. A few good calves, com-  
ing 1 year old. Sired by Choice  
Domino, a Kuhlman bull.

LESTER H. KOLTERMAN  
Onaga, Kansas

### YEARLING POLLED

#### HEREFORD BULLS

Sired by Defeo Mischief, Worthmore and Har-  
mon breeding, good individuals, well developed  
and priced reasonable.

GOERNANDT BROTHERS, Ames, Kan.

### Registered Hereford Bulls and Heifers

Sired by Blocky Domino Jr. by W. H. R. Blocky  
Domino 42nd, who was in the T. O. Ranch herd  
for 5 years. Inspection invited or write. (Lo-  
cated 4 1/2 miles north of Scranton.)

FRANK HUG & SONS, Scranton, Kan.

### REG. HEREFORD BULLS

Hazlett and WHR Breeding  
12 big, rugged bulls from 12 to 14 months old.

WAITE BROS., Winfield, Kansas

**SHORTHORN BULL** White, calved Feb.  
10, 1947, sired by  
College Premier 6th, Kansas State College.  
This is a good bull. Price \$275.

WILLIAM T. ROENIGK, Morganville, Kan.

### Offering Red Yearling Shorthorn Bulls

Sired by Comrie Captivator and out of good  
Scotch family cows, Queen of Beauty's Vic-  
torias, etc. Jr. herd sire, Clear Creek Bom-  
bardier 2nd, (Recent Indiana Grand Cham-  
pion).

GEO. J. WETTA, Andale, Kan.

### REGISTERED SHORTHORNS

Bulls — FEMALES — 4-H Calves  
C. H. RALSTIN, Mullinville, Kan.

### BEEFMAKER BULLS (Aberdeen-Angus)

Have become a fixed type in the opinion of  
good judges. They do well for others. Come  
see them.

C. E. REED  
4114 East Central Ave., Wichita 6, Kan.  
Telephones 6-8313 residence; farm 6-3868

### TRY PLAIN VIEW FARMS POLLED HEREFORDS

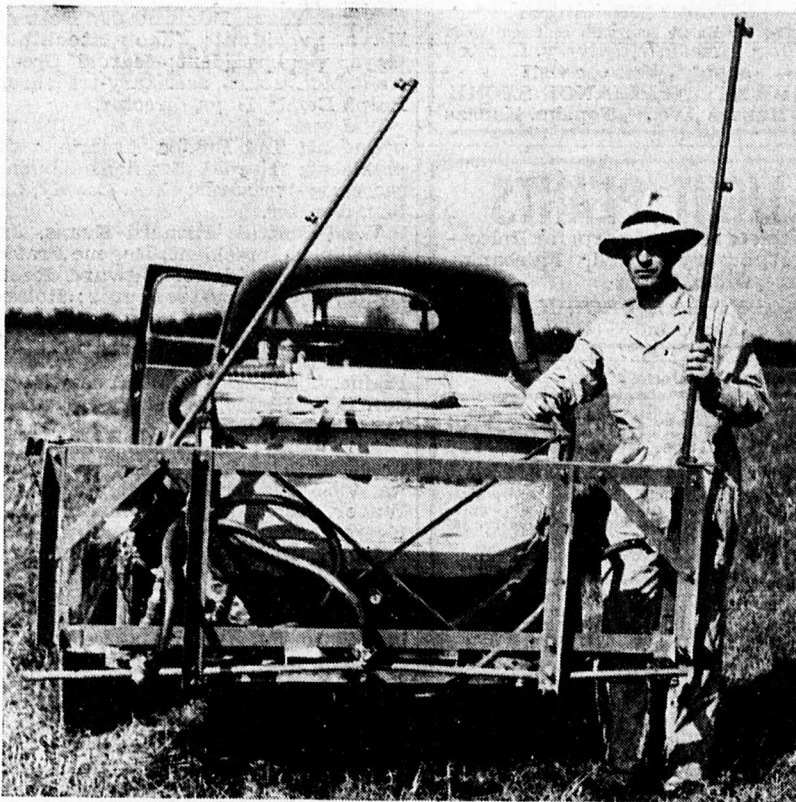
For sale now Young Herd Bulls  
and Heifers, the same breeding  
and quality as sold in our sale  
November 14, 1947, which was  
the highest average beef cattle  
sale in the state this year.  
Farms on highway K 43, eight  
miles north of Hope and 6 miles  
south and 2 1/2 east of Enterprise, Kansas.

JESSE RIFFEL & SONS, Enterprise, Kan.

Continue Buying United  
States Savings Bonds

## Many Jobs for Spray Outfit

Make It a Profitable Piece of Equipment



This versatile spray outfit can be used for cattle, buildings, crops, pastures and roadside ditches. It was built by Walter Campbell, Osage county extension agent. Outside sections of spray boom can be used independently or folded up like this for road travel.

A SPRAY outfit that can be used for cattle, crops or in weed control has been built by Walter Campbell, Osage county extension agent, and is proving successful in operation.

The tank, pump and motor are from a discarded bindweed sprayer. Mr. Campbell then purchased an oblong metal frame from an orchard supply company and mounted it on the back of the 2-wheel trailer and on this frame installed a 3-section spray boom. Each section is 4 feet 10 inches long and is made of one-half inch pipe. These pipes have 13 nozzles, 5 in the center section and 4 in each outside section. Another pipe, three-fourths inches in diameter and 5 feet 9 inches long connects the boom to a cutoff pipe at the front of the tank. Connections to the 3 sections of the boom are with rubber hose.

Outside sections of the spray boom are hinged at the base so they can be folded up when traveling. They also are equipped with chain ties so they can operate at an angle for use in spraying roadside ditches. Pressure in any one section can be increased by cutting off any of the other 3, which also allows spraying controlled areas ranging from 5 to 15 feet in width.

With this outfit, the county can accomplish a variety of spraying jobs. It is being used for cattle spraying and was used last summer for experimental spraying of alfalfa to control lygus bugs and webworm for increased seed production. The outfit will be used next June to spray pastures with 2-4D for weed and buckbrush control.

One of the most promising uses, believes Mr. Campbell, will be eradication of bindweed thru substitution of spraying for clean cultivation. Bindweed will be sprayed once in the fall with 2-4D about 4 weeks ahead of crop-planting

time, and again in the spring when the bindweed is making a good growth. With this practice Mr. Campbell believes bindweed can be eradicated over a period of time while allowing the farmer to continue cropping.

Using this outfit for spraying alfalfa last summer, Mr. Campbell reports that spraying got 100 per cent control on webworm. Because the outfit can be used for spraying livestock, buildings, crops and weeds, he believes almost any farmer can afford to own a similar type spray.

### Cattle to Kansas

A special Santa Fe train arrived last week at Eskridge, with officials of the Kansas Livestock Association, Santa Fe Railway and Capper Publications aboard to bring the initial shipment of Texas range cattle to the Kansas Blue Stem pastures this year.

Will J. Miller, state livestock sanitary commissioner, said the 1,000 cattle brought to Kansas in 32 brand-new Santa Fe stock cars were the first shipped under the new amended livestock law this year. The cattle were inspected by Dr. George Rathman, chief veterinarian of the Livestock Sanitary Commission, when they were unloaded at the Eskridge stockyards. Howard C. Myers, Wabaunsee county agent, sprayed the animals with DDT before they went out to the Waugh Brothers' Blue Stem pasture.

The cattle came to the Waugh Brothers' pasture from the A. V. McQuiddy ranch, near Canadian, Texas. Frank Chambers, of Eskridge, is pasturing 12 carloads of the cattle.

The steers originally were from the Matador Ranch in Texas, and are 3- and 4-year-olds. They are all Herefords. McQuiddy has been wintering the cattle with cottonseed cake on his range.

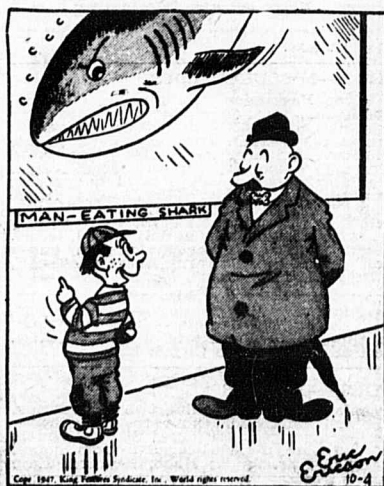
The Kansas officials left Topeka on the Santa Fe California Limited for the Texas ranch. They spent one day on the McQuiddy Ranch rounding up the cattle, and participated in loading the steers on the special cattle train for Eskridge.

The new cattle cars on the special train were some the Santa Fe Railway is building at Albuquerque, N. M.

### Turn About

A study of fistula in horses at Kansas State College, indicates horses catch the disease from infected cattle. The study also indicates that infected horses may give the disease to healthy cattle.

Fistulous withers and poll evil were found to be pathologically the same. Probably no other disease affecting animals has so many varied treatments and operations as fistula.



"I wanna see them feed him!"

**Dairy CATTLE**

## Holstein Yearling Bull for Sale

Ready for service from sire whose dam made 656 lbs. fat and from a dam whose 2-year-old record is 409 lbs. fat.

W. H. MOTT, Herington, Kan.

### BULL CALVES FOR SALE

We bred and developed the first and only Hol-  
stein cow in Kansas to produce 1,000 pounds of  
fat in 365 consecutive days. Young bulls with  
high-production dams or granddams.

H. A. DRESSLER, LEBO, KAN.

## SMOKY VALLEY HOLSTEINS

Carnation Countryman and Kanstacool Madcap  
Monarch in service. Bull calves for sale.

W. G. BIRCHER & SONS, Ellsworth, Kansas

## Registered Brown Swiss

Bull calves for sale. Correct type from D.H.I.A.  
tested dams and classified for type. Ages from  
6 months to breeding age.

Lloyd B. Rempel, Rt. 1, Hillsboro, Kan.

### REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type  
Popular Bloodlines.

Ransom Farm, Homewood (Franklin Co.), Kan

**Dual-Purpose CATTLE**

## DUALYN MILKING SHORTHORNS

Bull calves, related to the National Grand  
Champion cows, Dualyn Juniper and Blue-  
Jacket Roan Lou, for sale at reasonable  
prices. Herd sires: Queenston Babraham  
RM; Imported Iford Earl Gwynne 11th;  
Neralcam Admiral and Count Perfection.

JOHN B. GAGE, Eudora, Kansas

## RED POLLED BULLS

Coming yearlings, for immediate sale. Inquire  
from this ad. Holding not later than May 15.

W. E. ROSS & SON, Smith Center, Kan.

**HOGS**

## BERGSTEN'S Improved Hampshires

Now offering outstanding Fall Boars. Im-  
mune and registered. New breeding for old  
customers.

R. E. BERGSTEN & SONS, Randolph, Kan.

### ETHYLEDALE FARM

PRODUCTION  
HAMPSHIRE

Herd Sires: Bright Glory,  
Spotlite Supreme, Spotlite Jr.  
Gilts bred for March and April  
farrow, sired by a choice set  
of young boars.

Dale Scheel, Emporia, Kan.

## Bauers Offer Polands

For sale now—Fall Boars and Fall Gilts. Bred  
Gilts for April farrow. Write for prices.

BAUER BROTHERS, Gladstone, Nebraska

### REG. SPOTTED POLAND CHINAS

Extra good serviceable boars. Bred and open  
gilts. Top quality and breeding. Registered and  
vaccinated.

EARL J. and EVERETT FIESER  
Norwich, Kan.

## SPOTTED POLANDS

Registered, thick, blocky boars, ready for serv-  
ice. Sired by "Pawnee Sunset." Write for prices.

HERBERT HOLLIDAY, Richland, Kan.

### REG. SPOTTED POLANDS

Fall Boars and gilts. Good quality. Immune.  
Write or visit.

SUNNYBROOK FARM

Shawnee Co. Richland, Kan.

Reg. Spotted Poland Weaned Pigs  
of both sex. \$26 with papers furnished. \$25 with-  
out. Will ship express collect.

HARRY LOVE, Rago, Kan. (Kingman Co.)

## YORKSHIRE HOGS

The lean-meat, post-war breed. Bred gilts.  
unrelated pigs. Write for illustrated circular.

Yalehurst Yorkshire Farms, Peoria, Illinois

## Fall Boars — Fall Gilts

Sired by Dream King, length, thickness and  
deep wide hams. The accepted type.

WREATH FARM, Manhattan, Kan.

### Shepherd's Superior Duroc Gilts

Bred to Lo Thickmaster, Super-Spotlight. Proven  
sires of Top Quality Durocs. Also young boars  
for sale. Reg. Immuned. Guaranteed to please.

G. M. SHEPHERD, Lyons, Kan.

### CHOICE DUROC BOARS

The low down blocky kind. Registered, double  
immunized and shipped on approval. Write for low  
prices. CLARENCE MILLER, Alma, Kan.

### DUROC BRED GILTS AND BOARS

All Ages. By Top Crown by the Illinois Champion  
Crown Prince. Satisfaction or your money back.  
Best we ever raised.

BEN M. HOOK & SON, Silver, Lake, Kansas

**HEREFORD HOGS** Expressed C. O. D.  
subject your ap-  
proval. High-winning herd National show. Bred  
gilts. Boars. Unrelated pigs. Circular.

YALEHURST FARMS, PEORIA, ILL.



## IN THE FIELD



**Jesse R. Johnson**  
Topeka, Kansas  
Livestock Editor

and **MIKE WILSON**, Livestock Fieldman.  
Muscatine, Kansas.

Recently a purebred Holstein bull sold in the **JUNCTION CITY** community sale for \$456. He weighed 2,085 pounds and brought \$20.90 a hundredweight. The bull was bred and sold as calf by the St. Joseph Home at Abilene.

The **BYRON FISHER** Ayrshire sale, held at Meade, April 4, was well attended and very satisfactory prices received. Forty-three of the 77 head sold stayed in Kansas. The general average was \$368, with a top of \$1,525 paid for a bull by Roy Fisher, of Meade. The top female went to John Knufon & Son, Sterling, Colo. The day was fine and the cattle sold in good breeding form. Col. Geo. Roberts, of Meade, was the auctioneer.

**ARTHUR J. GRABER**, of Wichita, drew a fine day for his April 9 Guernsey dispersal sale. The offering of 28 head, including several heifer calves from 1 to 4 months old and one 2-month-old bull calf, averaged \$240, with a top female selling at \$360 to J. E. Sinclair of Hillsboro. Twenty-five of the 28 head went to Kansas buyers. The offering was presented in nice breeding form without any special fitting. Harold Hamilton, of Cheney, bought the bull calf at \$90. Boyd Newcom was the auctioneer.

**RALPH E. DIETRICH**'s outstanding young Aberdeen-Angus bull, Revelad 994168, was grand champion of the bulls shown and sold in the Mid-Continent sale held at Junction City, April 16, and topped the bull sale at \$450. The buyer was Harry Hill, of Hope. The calf, not used to crowds, was a trifle uneasy in the ring or would probably have brought a higher price. The bull was sired by Revemere of Wheat 75th, and his dam was Revolady D. 2d. Mr. Dietrich has one of the good small herds of the territory and gives his cattle the best of attention.

**JANSONIOUS BROTHERS**, of Prairie View, held their annual spring sale of Hereford breeding cattle, April 20, at the Phillipsburg sale pavilion. The 27 bulls were mostly 1947 calves and the majority of the heifers were youngsters and neither were carrying any particular condition but showing attractive natural beefiness. The 27 bulls sold made an average of \$270, and \$350 was paid for the top-selling bull by E. L. Kintigh, of Norton. The top female reached \$500 by John C. Vetter & Son, of Beloit. Thirty-one females averaged \$291. The 58 lots offered made an average of \$281 head.

**C. M. SHEEHY'S DUROC AND HEREFORD** sale, Richards, Mo., on April 7, attracted buyers from over Southwest Missouri and Southeast Kansas. Forty-eight registered gilts that were farrowed in June and July and were bred to farrow in late June and July averaged \$75. Weight of the gilts was estimated at 235 pounds. Top gilt sold for \$140. A few fall boars were sold with a top of \$115. Eleven bulls, one mature and the rest just ready for light service, were sold in just good pasture condition for an average of \$223.50, with a top of \$330. Two bulls and 8 gilts went to Kansas buyers. Bert Powell and Darwin Johnson were the auctioneers.

The **MID-KANSAS ANNUAL ABERDEEN-ANGUS** sale, held at Hutchinson at the state fairgrounds, April 17, attracted a large crowd of buyers and bidders from Kansas. Fred Hubman & Sons, of Newton, purchased the top and champion bull at \$875. He was from the Howard Ficken consignment, of Bison. Mr. Ficken purchased the champion and top-selling female of the auction at \$700. She being consigned by Locke Hershberger, of Little River. Ten bulls were sold at an average of \$438. Forty-four females brought an average of \$300. Fifty-four lots were sold at a general average of \$324 a head. George Freeman, of Perry, Okla., was the judge of the show.

Members of the **MID-CONTINENT ABERDEEN-ANGUS ASSOCIATION** assembled their consignment of good Angus cattle at Junction City for their annual spring sale, April 16. Professor Don Good, of Kansas State College, placed the animals in the show ring the morning previous to the sale. Ralph Dietrich, of Junction City, showed the champion and top-selling bull, Harry Hill, of Hope, paid \$450 for this animal. A. J. Schuler & Son, of Junction City, consigned the champion and top-selling female, at \$525, going to Jim Honeycutt, of Blue Rapids. Five bulls averaged \$350 a head. Thirty-three females averaged \$253. Thirty-eight lots made a general average of \$265 a head. Vance Collins, of Junction City, managed the sale in a very fine manner.

On April 12, at Enterprise, the **BOB WHITE HEREFORD FARMS** dispersed their fine herd of both Polled and horned Hereford cattle. It was one of the snappiest sales of the season. One hundred sixty-nine lots passed thru the ring in single lots in less than 5 hours. MW Larry Domino 86th was the big attraction of the day. He is a 1946 January calf. Overhill Hereford Farms, of Olathe, purchased this fine herd bull for the top of the day at \$4,500. The top on females was \$1,500, paid by Kenneth Wayman, Odell, Ill., for Lottie 4th. The 4 top females of the auction averaged well over the \$1,000 mark. The entire average for the 169 lots cataloged was \$333. The sale was conducted by Freddie Chandler, assisted in the ring by livestock fieldman.

**O'BRYAN RANCH**, Hiattville, held a good sale of Hampshire hogs on April 17. Over 100 head were sold for an average of \$144. Thirty-one bred gilts averaged \$162, with 45 fall boars averaging \$145. Open fall-farrowed gilts averaged \$119.

The sale was not one where you would find a few selling at high prices and the remainder at conservative prices, but it was a sale of satisfactory but not high prices. Breeders paid up to \$400 on boars, \$250 on bred gilts and \$200 on open gilts. Kansas breeders and farmers paid right at the top figure for many of the better ones in competition with buyers from 8 states who made purchases.

O'Bryan Ranch is giving more attention to production testing than ever before. Joe O'Bryan stated at the opening of the sale that practical pork production is paramount in hog-raising

program on the ranch. "We want big litters, weight for age and economical gains. Our program is set up with that goal in mind."

Herd boars featured in the April 17 sale were NuCrest and Winners Glory. In order to further his All-Out Hampshire production program Joe purchased Willgood Mixer from Goodheart Farm of Indiana. He is a son of the first sow ever to become a 6-star Production registry sow. Production registry requires a minimum of 8 pigs raised and attaining a weight of 320 pounds in 56 days. Bert Powell, assisted by press representatives, conducted the sale.

Officers have been elected for all of the 6 **KANSAS Ayrshire Districts**. The names of president and secretary of each district are as follows:

Northeast—President, Raymond Scholtz, Lancaster; secretary, Gene Stillings, Lancaster. Southeast—President, Leonard Jarrett, Columbus; secretary, R. H. Kroenke, Helper. Mid-Kansas—President, Byron Unruh, Marion; secretary, Arlo Flickner, Moundridge.

South Central—President, M. B. Dusenbury, Corbin; secretary, Merle Folles, Arkansas City. Central—President, Frank Schrock, Sterling; secretary, Merwin Jones, Sterling.

North Central—President, Verland Hoffman, Abilene; secretary, Harry Tannehill, Broughton. Dates of shows are as follows: Horton—April 19. Parsons—April 20. Arkansas City—April 21. Hutchinson—April 22. Hillsboro—April 23. Abilene—April 24.

**W. D. EARNST & SON**, Avilla, held another successful sale of Hampshire hogs and Angus cattle on April 10. The sale was held at the farm in their sales pavilion, which was filled to capacity when the sale began. Hampshire bred gilts and Hampshire bred sows sold for an average of just a trifle over \$100. Forty-five head were sold and they were due to farrow in the next 60 days. It was a sale of even prices as the top on sows was \$120 and on gilts \$115. A few off-belt gilts were sold at slightly lower prices than the average on the registered gilts. The Angus offering consisted of grade cows and grade heifers with calves, grade bred cows and steers. Seven bulls, yearlings, were sold with a top of \$232.50. Mr. Earnst, who is a very practical livestock breeder, takes an optimistic view of the hog situation and he feels before 1948 closes that the man with some good hogs will be in a very favorable position. Several head came to Kansas. Bert Powell sold the hogs and Ray Sims the cattle.

Buyers from a wide area attended the **C. L. E. EDWARDS** Holstein sale at the Fair Grounds, Topeka, on April 19. Buyers made purchases from many sections of Kansas, Oklahoma and Missouri. No extreme prices were paid but the average of \$380 on 51 lots was satisfactory to the owner and others who are interested in the trend of Holstein values.

The top price of the day was paid by D. A. LaMotte, Olathe, for lot 13. This 1943 daughter of Supreme Count Mercedes was bred to Pabst Burke Lad Star to calve in about 30 days. She was a very choice individual and sold for \$850. K. S. Adams, Bartlesville, Okla., paid \$600 for the dam of lot 13. This 1943 cow was also bred to Pabst Burke Lad Star to calve during the summer. K. S. Adams selected 5 head which included a 2-year-old bred heifer sired by King Bessie Jimma Boast. He paid \$510 for this good heifer. G. W. Grosom, Drexel, Mo., paid \$540 for a 3-year-old that was just ready to freshen. K. S. Adams took another cow at \$475 and her heifer calf sold for \$130 to Cleatis Bayfield, of Humansville, Mo. Lot 41 bull sold for \$475 to Dale S. Miller, Emporia. He was a good son of Pabst Burke Ned and from the cow Sunnymede Queen Bessie. J. A. Erhart, Topeka, paid \$435 for a son of Pabst Burke Star out of Sunnymede Mamsell Mercedes. W. H. Patten, Norman, Okla., bought 5 head and Al Williams, of Pittsburg, 4 head. Twenty Kansas buyers bought Edwards Holsteins with 2 buyers from Oklahoma and 2 from Missouri.

It has taken this breeder 20 years to build up the herd dispersed on April 19. In October, 1930, the herd was entered in the Holstein-Friesian Improvement Registry and had been on test continuously, finishing the 17th consecutive year October, 1947, with an average for the entire period of a pound of fat per day per cow. Five cows had been developed in the Edwards herd that had gained them membership in the 100,000-pound club of the Holstein breed. Elmer Dawdy, Salina, had charge of the sale arrangements and made the announcements from the auction stand. Bert Powell sold the offering, assisted in the ring by Mike Wilson of Kansas Farmer, and Tom Sullivan, auctioneer, of Manhattan. Pat Chesnut, Denison, was in charge of the herd previous to the sale and presented them in the sale ring.

### Public Sales of Livestock

#### Aberdeen-Angus Cattle

May 7—Mid-Kansas Aberdeen-Angus Breeders' Assn., Newton, Kan.  
May 11—Kroitz & Swartz, Marysville, Kan.  
June 7—Chester Davidson, Rocky Comfort, Mo.

#### Guernsey Cattle

May 3—Missouri Guernsey Breeders' Association, Columbia, Mo. H. A. Herman, Secretary, University of Missouri, Columbia, Mo.  
May 27—Jack Ewton, Bilkeith Farms, Shawnee, Okla.  
October 15—State Guernsey Breeders' Annual Sale, Fair Grounds, Hutchinson, Kan.

#### Hereford Cattle

October 15—Frank R. Condell, Dellford Ranch, El Dorado, Kan.  
November 17—Wabaunsee County Hereford Breeders' Association, Alma, Kan.

#### Holstein Cattle

May 26—Jack Ewton, Bilkeith Farms, Shawnee, Okla.  
June 3—National Convention Sale—Kansas City, Mo. Art Peterson, Sales Manager, Oconomowoc, Wis.  
October 26—Kansas State Holstein Sale, Abilene, Kan. H. A. Meier, Abilene, Kan., Chairman Sale Committee.

#### Shorthorn Cattle

June 5—Time 10 A. M.—Miles Of View herd dispersed at Merryvale Farm, Grandview, Mo. Mervin F. Aegerter, Sales Manager, Seward, Neb.  
June 5—Time 1:30 P. M.—Merryvale Farm, Grandview, Mo. Mervin F. Aegerter, Sales Manager, Seward, Neb.

#### Polled Shorthorn Cattle

May 7-8—National Congress Show and Sale, Kansas City, Mo. Sales Managers—Polled Shorthorn Society, U. S. Yards, Chicago 9, Ill.

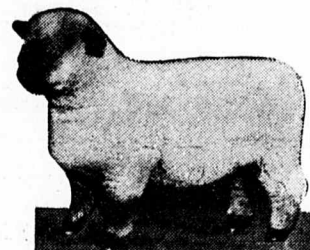
#### Sheep—All Breeds

May 17—Kansas State Sheep Sale—Hutchinson, Kan.  
June 23-26—Midwest Stud Ram Show and Sale, Sedalia, Mo. Rollo E. Singleton, Sales Manager, c/o State Department of Agriculture, Jefferson City, Mo.

## Second Annual State Ram Sale

To be held at the State Fair Grounds

**Hutchinson, Kan. --- Monday Night, May 17**



### 40 Head Selected by a Sifting Committee:

Selling Shropshires, Hampshires, Southdowns and Suffolks. Tops picked from all leading flocks in Kansas. The Reno County 11th annual ram sale has been merged with this sale making it one of the strongest sales of the surrounding states.

**REMEMBER, THIS IS A NIGHT SALE**

For sale catalog write to **RUFUS COX**, Sales Manager, care  
**Kansas State College of Agriculture, Manhattan, Kan.**

Auctioneer: **Harold Tonn**

**Jesse R. Johnson** with *Kansas Farmer*

### Mid-Kansas

## Aberdeen-Angus Breeders Assn.

Invites You to Its

**Spring Show and Field Day**  
**Harvey County Fair Grounds**  
**Newton, Kan., Friday, May 7**



**CHOICE ANGUS CATTLE**, selected by their owners, will be paraded for your inspection. This is not a sale. These are the kind our members keep in their herds to produce our top sale cattle. Come to this event, see good Angus cattle, visit with their owners, join in the judging and contests. Regardless of the breed of cattle you prefer you can enjoy the day profitably.

### Mid-Kansas Aberdeen-Angus Breeders' Association

**HERSCHEL JANSSEN**, Lorraine, *President*  
**PHIL STERLING**, Canton, *Secretary*

### SHEEP

#### YEARLING HAMPSHIRE RAMS

See our consignment at the  
**State Ram Sale, Hutchinson, Kan., May 17**  
Last chance to get rams sired by O A M C 2231, champion ram at Fort Worth in 1945. Also 2 sons of Grenadier for sale.  
**Waldo & Ethel Poovey, Belle Plaine, Kan.**  
Farm 2 miles north, 1/2 mile west of Oxford.

### • AUCTIONEERS •



#### HAROLD TONN

Auctioneer and  
Complete  
Sales Service  
Write, phone or wire  
Haven, Kansas

#### BERT POWELL

AUCTIONEER  
LIVESTOCK AND REAL ESTATE  
1529 Plaza Avenue Topeka, Kan.

**Ross B. Schaulis**, Auctioneer  
Purebred Livestock, Real Estate and Farm  
Sales. Ask those for whom I have sold.  
CLAY CENTER, KANSAS

**Frank C. Mills**, Auctioneer  
Alden, Kansas

### Livestock Advertising Rates

1/2 Column inch (5 lines) \$3.00 per issue  
1 Column inch..... \$4.00 per issue  
The ad costing \$3.00 is the smallest accepted.

Publication dates are on the first and third Saturdays of each month. Copy for livestock advertising must be received on Friday, eight days before.

**JESSE R. JOHNSON**, Livestock Editor  
**MIKE WILSON**, Fieldman.  
Kansas Farmer - - Topeka, Kansas

**May 15**

### Will Be Our Next Issue

Ads for the Classified and Livestock Section must be in our hands by

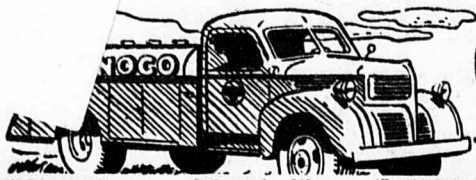
**Saturday, May 8**

If your ad is late, send it in Special Delivery to 912 Kansas Ave.

### Reliable Advertisers

**Only Are**  
**Accepted in**  
**Kansas Farmer**





# The Tank Truck



## "If Farmers Could See What I See..."

"... they would use no other oil!" That's what Harold Lehl, a farmer-mechanic living near Alva, Oklahoma, says about N<sup>th</sup> Motor Oil! Mr. Lehl operates a good-sized farm and still finds time to repair about 100 tractors each year for his neighbors in his own up-to-date garage. He is firmly convinced that N<sup>th</sup> Oil makes his repair jobs last longer. Here's exactly what Mr. Lehl writes . . . "I cannot recall any failure in N<sup>th</sup> Oil or any other Conoco product in the 15 years I have used them. I find that N<sup>th</sup> causes less sludge, stays clear longer, and the machines operate more hours per drain. I find in dismantling tractors I can tell whether the engine was raised on N<sup>th</sup> by the cleanliness of the motor . . . it always shows less wear. If farmers could see what I see in their motors, they would use no other oil."



## "Started Trading with us 36 Years Ago..."



"That's what G. F. Strobel, who owns a 3500-acre farm and ranch near Marsh, Montana, told me the other day," writes Conoco Agent Lawrence Lund of Fallon, Montana.

"Here is Mr. Strobel's exact statement about how N<sup>th</sup> Motor Oil has helped him keep down operating costs: 'I farm about 800 acres with those two tractors,' Mr. Strobel told me, and he pointed to his Fordson and Minneapolis-Moline. 'Last year was the fifth for the Minneapolis so when the season was over I figured it should be looked over. They took it apart and it was clean and didn't even need any new parts. I had them put new rings in it because it will probably go another five years without any more attention!'

"Mr. Strobel knows OIL-PLATING really provides an extra film of lubricant that helps keep his tractors on the job, out of repair shops!"

**YOUR CONOCO AGENT**

## Tells How to Cut Down Repair Bills!



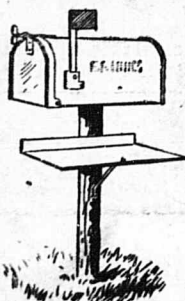
Here's some straight advice from a long-time user of Conoco Products . . . Mr. R. G. Blythe, who farms near Garden City, Kansas. Quoting from Mr. Blythe's recent letter: "I started using Conoco Products . . . over 20 years ago and . . . have always made it a practice to follow the recommendations made by the company for lubricating my equipment. . . . By using the proper Conoco lubricant in the proper place, it has kept down my repair bills. The International Tractor I am now using is more than seven years old and on the last overhaul new standard-sized rings were put in, indicating little or no wear on the cylinder walls, which convinces me that N<sup>th</sup> Motor Oil actually does OIL-PLATE the engine and cuts down cylinder wear."



## Discovered N<sup>th</sup> Oil on a vacation!

In 1941, Emmett Welch, who farms 480 acres near Shawnee, Oklahoma, took a vacation trip to Utah. Somewhere along the way he started using Conoco N<sup>th</sup> Motor Oil. When he returned home, he put N<sup>th</sup> Oil in one of his tractors . . . worked the tractor hard for 60 hours . . . checked the N<sup>th</sup> and found it perfectly clear. Since then he's never used anything else . . . in his cars or tractors!

Here's what Mr. Welch says: "N<sup>th</sup> Motor Oil has saved me many dollars in repair bills. I bought a new tractor in 1944 and have worked it hard. I still haven't had a single repair bill . . . and don't expect one for many years to come . . . thanks to N<sup>th</sup> Oil and the OIL-PLATING job it does in that tractor's engine!"

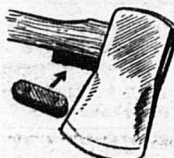


### Mail Box Tray!

First of all, Ralph Ewert of Peabody, Kansas, mounted his mail box on a 2" pipe set in an old cement-filled wheel; then he bolted on the extra tray to hold heavy mail and packages.

**PRIZES FOR IDEAS!**

### Ax Handle Protector!



Harley Hamilton of Lodge Grass, Montana, shows how he makes an ax handle last longer. He cuts a rubber strip from an old tire casing, and screws it to the underneath edge, near the head.

Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine \$8.00 Henry Disston Hand Saw, for every one that's printed!

## Pineapple Stuffed Lamb Shoulder!



... by Dorothy Brown, Ponca, Nebraska.

Boned lamb shoulder (about 4 lb.)  
 1/4 cup minced onion  
 2 T minced parsley  
 1/2 cup chopped celery  
 1/4 cup butter  
 2 cups soft bread crumbs  
 1 t salt  
 1/2 t pepper  
 1 cup crushed pineapple

Cook onion, parsley and celery in melted butter until tender. Add bread crumbs and brown lightly. Add salt, pepper and pineapple. Mix well. Fill shoulder pocket with stuffing and sew or skewer together. Place in open roasting pan. Bake in a slow oven (325° F.) 40 minutes per pound.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Okla. Get a \$7.50 pair of genuine Wiss Pinking Shears for each one printed here with your name. If duplicates are received, the one to be published will be determined by Mrs. Wheeler. All recipes sent in become property of Continental Oil Co.

**FARM KITCHEN**