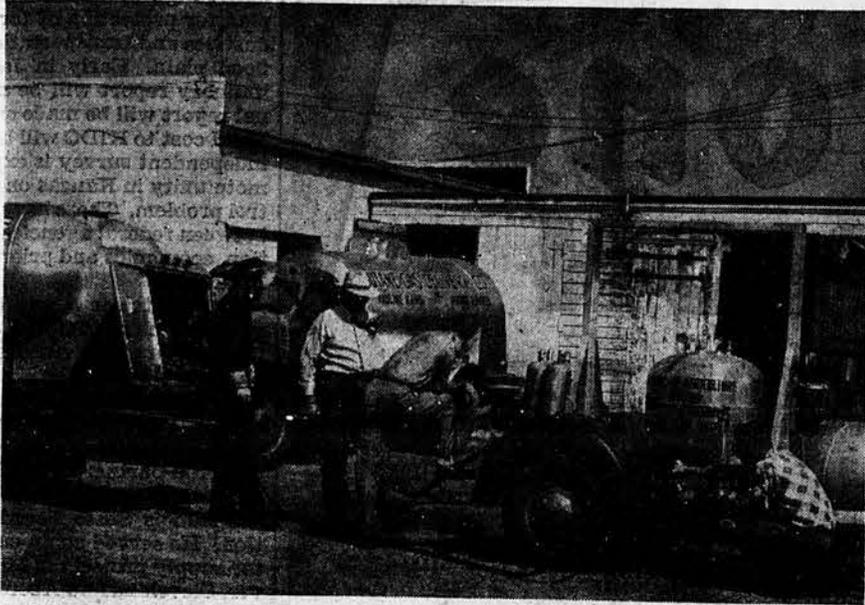


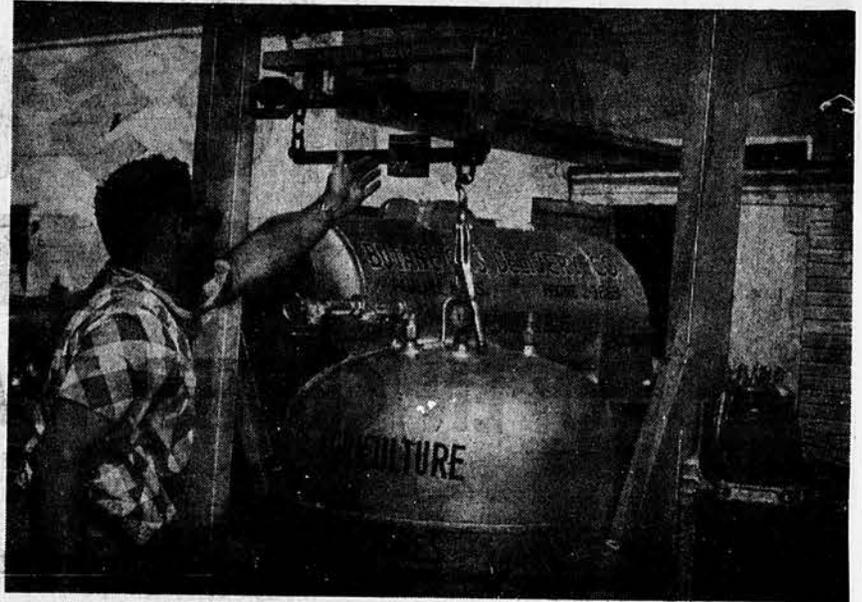
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OCTOBER 4, 1952

# Kansas Farmer



**SOME 300 LP-GAS** dealers in Kansas soon will be checked by a new LP-Gas meter testing unit. Here, state officials try out a unit.



**SAMPLE OF LP-GAS** is being weighed by John O'Neill, deputy state sealer. The metal ball will hold about 30 gallons of the fuel.

## New Gas Tester Gets On the Job

**Board of Agriculture, LP-Gas Association and meter manufacturers wrote regulatory law under which unit operates**

**S**OMETHING NEW has been added to services performed by your Kansas State Board of Agriculture, at Topeka.

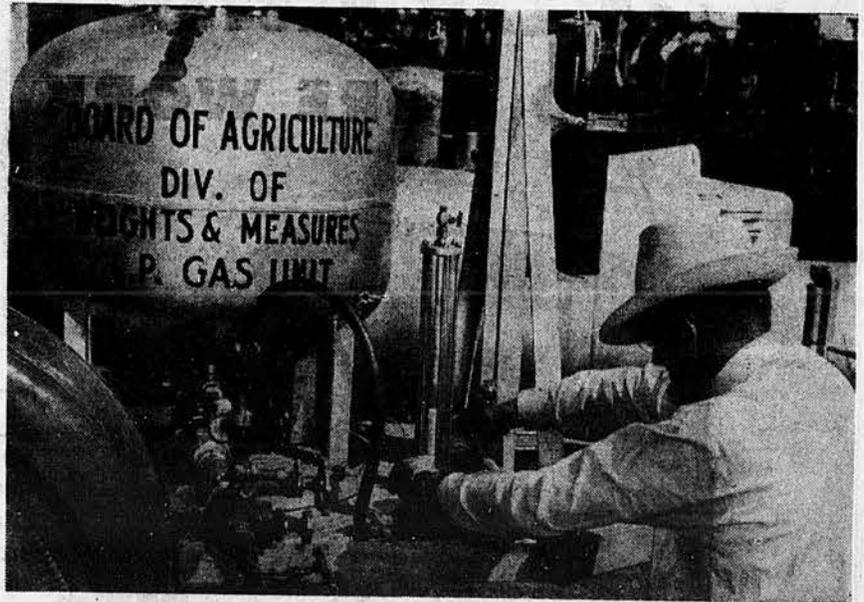
The something new is a liquefied petroleum gas meter testing unit. This new testing unit will be used to check meters on tank trucks of some 300 dealers in Kansas who make deliveries to consumers.

The LP-gas industry has grown so rapidly that only 3 other states—North Carolina, Florida and California—have done any work along the line of testing equipment.

"Our testing unit is designed similar to one being used in North Carolina," says Fred True, state sealer of weights and measures, under whose department the testing job will be carried on.

A queer-looking contraption is the testing unit. It consists of a large metal ball, spiked with valves at top and bottom. It is carried on a 2-wheel trailer that also supports a wooden framework from which is suspended a set of scales.

Here is how the testing unit works, according to Mr. True. "We have the truck operator pump approximately 30 gallons of liquefied gas into the metal ball. We know the weight of the ball when empty. We then weigh the ball containing the liquefied gas. A sample of the liquid also is drawn off to determine its specific gravity. Once we know the weight in pounds we can translate it into gallons to correspond



**SPECIFIC GRAVITY** of LP-Gas is determined by drawing off a sample into this testing tube. Fred True, state sealer, is making the determination here. By checking weight of gas in ball and translating it back to gallons, officials can check accuracy of the tank truck meter.

with the meter on the truck, which also lists the amount in gallons."

Tolerance for meters has been set at 2 per cent but, says Mr. True, "I have authority to lessen that if experience shows our testing unit will operate within a smaller limit than that."

The LP-Gas Association helped write the regulatory law under which the testing unit will operate, says Mr. True, and also has given much technical assistance in perfecting the testing equipment. "Meter manufacturers also have been helpful," Mr. True adds.

John O'Neill, of Williamsburg, has been appointed deputy state sealer in charge of the gas unit. It will take him about one year to complete the first test of all dealers in Kansas.

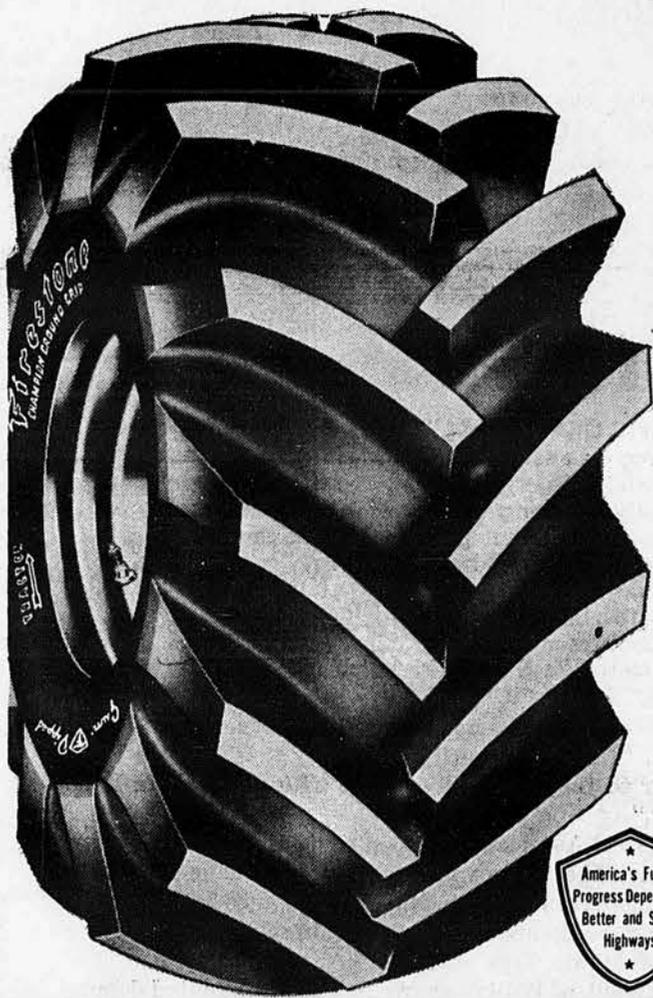
- Healy Solved Phone Problem . . . . .Page 4
- Always Fresh Water . . . . .Page 16
- Something Fishy Here . . . . .Page 28

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52

# Get Your TIRE FACTS From the Driver's Seat...

## Firestone CHAMPION OPEN CENTER TRACTOR TIRES...

- ✓ PULL BETTER
- ✓ CLEAN BETTER
- ✓ DO MORE WORK



**T**HERE'S only one sure way to judge tractor tires and that is from the driver's seat. Yes, you can believe your own eyes when you see the Firestone Champion in action . . . you can see that the curved bars grip the soil for a firm, sure hold . . . you can see how the flared tread openings keep the tire clean . . . and you can see how the wide, flat Firestone Champion tread design gives full traction contact which means maximum drawbar pull and longer tread life.

Only Firestone Champions give you so many work-saving, money-saving advantages. Put a set of Firestone Champions to work on your farm and you'll see why they pull better, last longer, and do more work for your tire dollar.

### Firestone ALL TRACTION TRUCK TIRE

The all-purpose heavy duty truck tire that gives you more for your money. Built for extra traction and extra mileage both on and off the highway.



### ALWAYS BUY TIRES BUILT BY FIRESTONE, ORIGINATOR OF THE FIRST PRACTICAL PNEUMATIC TRACTOR TIRE

#### Kaw Basin Survey Gets Underway

GOVERNOR ARN'S Kaw Basin Survey by a 3-member nationally-famous engineers is way. The men are: N. T. Veatch, Kansas City, Mo.; Abel Wolman, Baltimore, Md., and L. R. Howson, Chicago, obtained by the Kansas Industrial Development Commission.

This group is reviewing and comparing local and federal plans for control and water-land use in the basin. They will submit an unusual long-range and immediate plan for protection of farms, industries and transportation in the flood plain. Early in January preliminary report will be submitted. Final report will be made on May 1. Total cost to KIDC will be \$45,000. Independent survey is expected to promote unity in Kansas on the flood control problem. There have been differences between federal agencies over jurisdiction, economics and priority since 1951.

Mr. Veatch is a member of the engineering firm of Black & Veatch. He has appeared on various occasions as an expert before the Kansas Control Commission. He has built control projects in Kansas and other states. Mr. Howson is a consulting engineer, a partner in the firm of Burdick & Howson. He is a member of the Illinois State Board of Control. He served as an engineer in water supply projects in Milwaukee, Cleveland and Aberdeen, S. D. Wolman has a national reputation in the field of engineering, has been a consulting engineer on several regional water control problems. In 1937 he has been professor of engineering at Johns Hopkins University, his alma mater. Since 1939 he has been a consultant to the Ten Valley Authority.

#### More 4-H Reporters Enter Contest

Here is an 8th list of 4-H Club members who have written *Kansas Farmer* about the 1952 Kansas 4-H News Contest and for one of our "Management Sheets" of stories to be published in *Kansas Farmer* is sponsor for the test.

Reporters and home included: Callabresi, R. 1, New Cambridge; Mae Murray, Conway; Joan Broughton; Gay Lynn Weber; Crosse; Donna Theis, R. 2, Easton; Claudia Frey, R. 2, Easton.

About 100 reporters have been named in *Kansas Farmer*.

#### New 4-H Agent

Miami county has a new 4-H agent—Roger Hecht, Norton. His appointment is effective October 15. He is a graduate of the agricultural journalism program at Kansas State College, has been a farm instructor at Norton.

#### KANSAS FARMER

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Topeka, Kansas  
Vol. 89, No. 19

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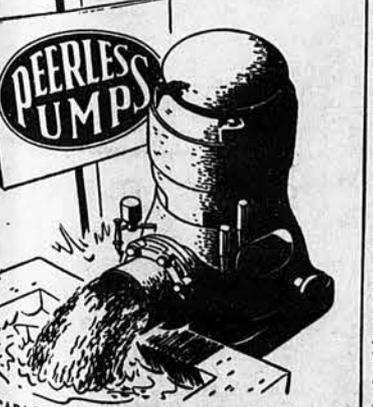
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**Don't Take a Chance . . .**  
DID YOU EVER cut in too soon after passing a car going in the same direction? It's dangerous. Don't take a chance!

**Choose Site for Animal Disease Lab**

A Foot-and-Mouth Disease Laboratory will be set up at Plum Island, N. Y., in Long Island Sound. The site was selected by Secretary of Agriculture Charles F. Brannan, following recommendations and reports of 4 public hearings held in Connecticut and on Long Island.  
Congressional legislation recently provided for appropriation of \$10,000,000 for a laboratory to study foot-and-mouth and other animal diseases. A requirement was that a laboratory be established on a Government-owned island completely surrounded by deep, navigable water. Plum Island contains 800 acres, is about 1½ miles from the northern tip of Long Island and is 10 miles off the Connecticut shore. It is 3 miles long and about a mile wide at its widest part. Announcements of start of actual building and other plans will be made soon.  
Kansas Farmer has brought you several articles on foot-and-mouth disease in recent issues.

**Rural Youth Plan 1952 Royal Meetings**

American Royal 4-H Club Conference this year is set for October 19 to 21, at Kansas City as a part of the annual American Royal Livestock Exposition and Horse Show. At the 3-day conference, members will attend from Kansas, Missouri, Arkansas, Oklahoma and Louisiana. Kansas will have 150 delegates.  
Following the conference, rural life members from same states will attend the annual American Royal Rural Life conference, October 22 and 23.

**Name 4-H Dairy Contest Winners**

Announcement is made of winners in the Kansas 4-H dairy production contest.  
They are: Edmund Frakes, Jefferson county, Ayrshire; Delmar Conner, Rice county, Holstein; Duane Kelman, Reno county, Jersey; Marvin Stanley, Allen county, Milking Shorthorn; Chester Peterson, Jr., Saline county, Brown Swiss, and Gaylord Post, Montgomery county, Guernsey.  
These first-place winners received a trip to the National Dairy Congress in Waterloo, Iowa, September 27 to October 4.

**Turkey Crop Estimate**

Number of turkeys on Kansas farms this year is estimated at 668,000 birds, or 10 per cent fewer than 1951. According to U. S. Bureau of Agricultural Economics and Kansas State Board of Agriculture, 1952 crop is 27 per cent below the 10-year (1939-48) crop of 914,000. For U. S., total crop this year is a record 58,956,000 birds, 13 per cent more than 1951. In Kansas, losses of young turkeys was generally light, although some losses from disease and coyotes or other predators were reported. Turkeys have developed well this year.

**Thank You**  
I really do love to read my Kansas Farmer. It is a wonderful paper in every way.—Mrs. Emil A. Kennedy, Sr., Neosho county.



**CULL 'em!**  
**CULLING PAYS!**  
Here's the easy proved way, recommended by leading poultry raisers everywhere, to get out the "non-layers" and "feed wasters." GOOCH helps you cull accurately with the GOOCH "Color-Culling" guide. Ask your GOOCH dealer for it.

**GOOCH 'em!**  
**GOOCHING PAYS!**  
GOOCHING your hens means you feed them GOOCH'S BEST Feeder-Proved Feeds, which are scientifically balanced to give your hens the protein, carbohydrates, vitamins, minerals, and antibiotics they must have to produce the maximum number of eggs they are bred to lay.

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**Why? Because we are so sure of the soundness of the Culling and GOOCHING program.** Because records from 2650 poultry raisers like you are so conclusive, because we are so anxious to have GOOCH'S BEST Feeder-Proved Layer Feeds fed in a sound management program, and because we are so sure you'll make more money when you Cull 'em and GOOCH 'em, we'll pay you to prove it to yourself.

**Here's all you do in return:** Use the handy forms supplied by your dealer to keep your egg production records. Cull the "non-layers" . . . the ones you can tell are not earning their keep. Start GOOCHING your layers . . . take home at least 150 lbs. GOOCH'S BEST Layer Feed per 100 layers.

**When you agree to Cull and GOOCH,** your dealer will immediately hand you 40 lbs. of GOOCH'S BEST Laying Feed for every 100 hens you'll buy for.

**We aren't paying you to use GOOCH'S BEST as much as we are paying you to learn how to make more money on the Culling and GOOCHING program.** "Non-layers" are not profitable . . . you turn the "feed wasters" and "non-layers" into money, of course, because you sell them for what they're really good for . . . meat! . . . and you keep only the hens that are money makers.

**Let Mrs. Smidt's Egg Records TELL THE STORY:**



Mrs. Richard Smidt, Juniata, Nebraska, started keeping records on her 340 hens on November 1st. She was then getting only 143 eggs a day. However, she culled consistently down to 300 hens. Her average the last week of the test was 253 eggs a day—with an amazing 84% production level. (Others in this test also brought production up to 70, 75 and sometimes 80%!) Wouldn't you like the chance to boost your hens' production records this easy way? Sign up to "Cull 'em and GOOCH 'em!"

**Last year, 2650 flock owners kept records of their participation in this Culling and GOOCHING program.** They started out with flocks averaging 206 hens and culled an average of 17%. With 17% fewer layers, they increased the number of eggs produced. Their production increased from an average of 82 eggs per day to 117 eggs per day. In addition, they saved more than 210 lbs of feed per 100 birds by culling the "non-layers" from their flocks.

**Add this to the 40 lbs. of feed per 100 birds GOOCH gave them.** Wouldn't you like to cut your costs, increase your egg production this way? Then see your GOOCH dealer and sign up to Cull 'em and GOOCH 'em now.



**HERE'S AN EXTRA "GOOCHING BONUS"**

**In addition to your "culling bonus" feed, we always give you a bonus with the GOOCH'S BEST feed you buy—your GOOCH "RED CIRCLES"! Collect them! And trade them for valuable merchandise!**

So . . . CULL 'em and GOOCH 'em with  
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SALINA, KAS.  
DALHART, TEX.

"Extra cost and loss of time was terrific when isolated without telephone service." But now read...

# How Healy Solved This Problem

By DICK MANN

*Editor's Note: This is second of 2 articles on rural telephone problems in Kansas. First story, Page 4, September 20, Kansas Farmer, detailed problems in Wheaton and outlined the state-wide situation on rural telephone service. This article explains how Healy community solved its telephone problem.*

ONE MORNING in July of 1950, Virgil Maddox, farmer living 10 miles northwest of Healy, in Lane county, cranked vigorously on his telephone to place a long-distance cattle-buying call. The line was dead. For the next year Mr. Maddox, fellow farmers around Healy, and folks who lived in town were without private telephone service of any kind. They know what real isolation is.

"During that year I spent half my time running around the country hunting cattle buyers and sellers or looking for feed supplies," says Mr. Maddox. "The extra cost and loss of time was terrific."

Today Mr. Maddox and his neighbors have modern dial telephones and service equal to anything in Kansas. They got it by making telephone service a community goal, and by not giving up until they reached that goal.

The Healy story is encouraging because it brings out an important fact: Most rural communities can find within their own borders the human resources to solve their most difficult problems.

Robert Jennison, president of the First State Bank of Healy, puts it this way: "A rural community can accomplish most anything if the farmers want it and will co-operate." Farmers around Healy say one thing more should be added to that formula: "A rural community can accomplish most anything if someone it respects will take the leadership." They give credit for the Healy telephone success to the leadership offered by Mr. Jennison.

Any way you look at it the prospects at Healy were mighty dark in July, 1950. For more

than 30 years this rural community had received both its electric and telephone service from a small local company owned and operated by George W. Gee.

As early as 1947 the Lane-Scott Electric cooperative was negotiating with Mr. Gee to take over his electric company. Knowing his telephone company alone was not a paying proposition, Mr. Gee held out to sell both to REA. Then, in the midst of negotiations, Mr. Gee died. Conclusion of the sale was made by his will.

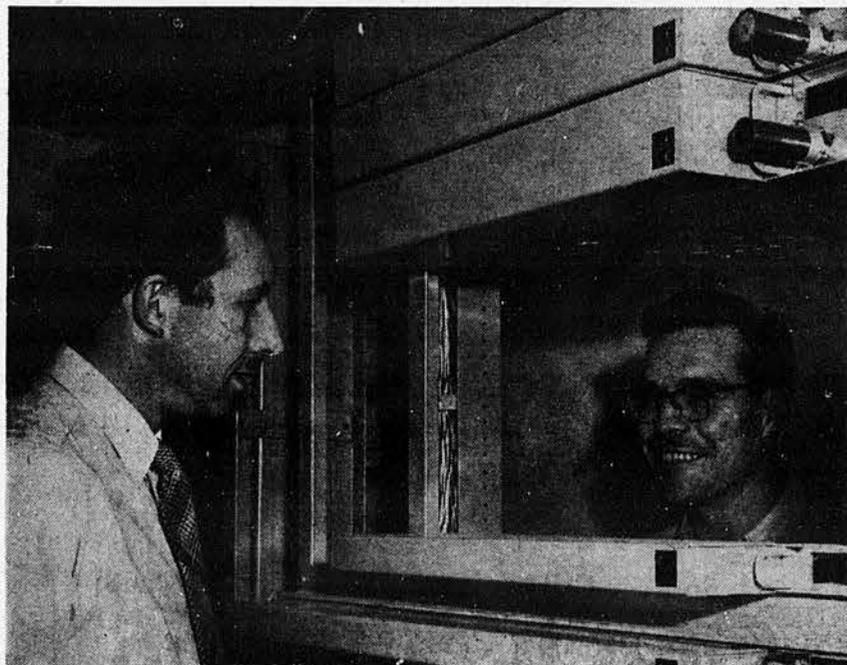
While REA did not want the telephone company it did apply to the Kansas Corporation Commission for a certificate of convenience and necessity and continued to operate telephone service while the application was pending. The application was denied and, in July, 1950, telephone service was discontinued.

"We really were in a tight spot," recalls Mr. Jennison. "When REA came in they laid their new electric lines right over the old telephone lines. That meant our grounded circuit breakers were useless in their old locations because of noise and danger. There was no way to reorganize the old company on a paid basis and no one would buy to operate it."

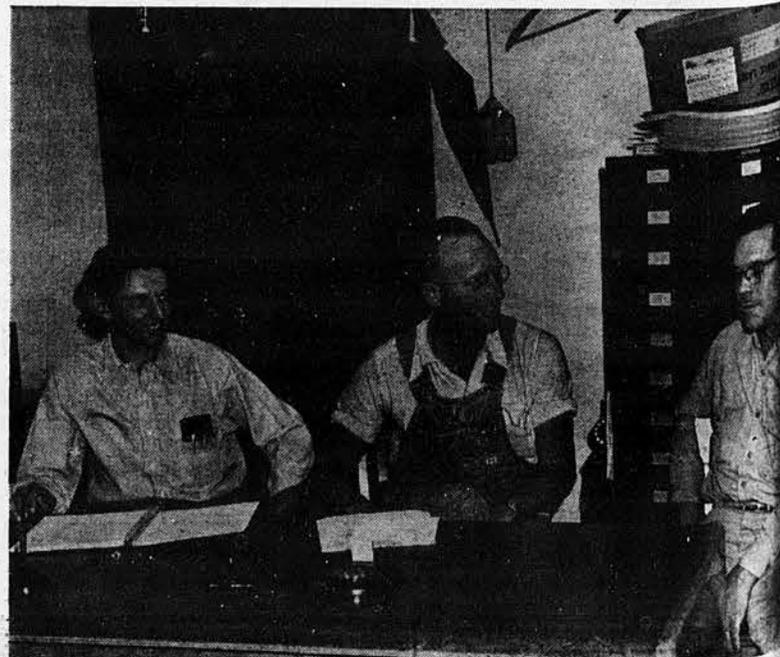
Healy is flanked on the east by the American Telephone Co. of Dighton, and on the west by Southwestern Bell out of St. Paul City. "Our business men appealed to both companies to take over and give us telephone service," says Mr. [Continued on Page 5]



FARMERS LIKE Virgil Maddox helped finance the new telephone service in Healy. It cost both time and money but he says it's worth it.



HEALY'S NEW automatic switchboard separates Robert Jennison, left, and W. H. Anderson, manager of Healy Telephone Co., Inc. Mr. Jennison headed the drive to get telephone service back in Healy.



OFFICERS of Healy Telephone Co., discuss problems in a meeting at the bank. Left to right are Harold Jennison, secretary-treasurer; Kenneth Wilkens, president, and W. H. Anderson, manager.

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# Kansas Farmer

## News and Comment

### Visit Your County

HELP every farm family in the state get acquainted with your county, here is what we wish you would do. Send a post card to Editor, *Kansas Farmer*, naming the most interesting tourist attraction in your county. We will tabulate all the answers and publish them in an early issue. Here is a good opportunity to boost your home county in a way that will make folks want to visit it. Send your post card or letter right away, telling us what you think is the most interesting thing about your county.

Kansas! There are many beautiful and interesting places to see.

### Other States Will Copy

YOU MAY REMEMBER back in the June 21, 1952 issue of *Kansas Farmer* we told you a number of Kansas teachers were attending the year's KABIE (Kansas-Agriculture-Business-Industry-Education) tour. About 60 participated on the 2,100-mile swing around Kansas visiting many spots of interest. Certainly they know more about Kansas, are better prepared for that reason.

You will not be surprised to learn this has created considerable interest on a national scale. A unique state tour for teachers is being published in several national magazines. Among the magazines which have carried or plan to carry articles on the 1952 tour are National Education Association Journal, Nation's Business, Santa Fe Magazine, Carey Salt Company Salt and Pepper Week, the Kiplinger Magazine, U. S. Chamber of Commerce News and Cues. Several national magazines and many newspapers have carried stories on the KABIE tours.

The Kansas State Chamber of Commerce sponsors the annual tour. Again Kansas is a leader in starting something worthwhile. And think rural teachers aren't up-to-the-minute. There were 20 rural schoolteachers, 20 from small towns and 20 from larger cities, making the total of 60. Many of them paid the cost per person, here and there a school board and chamber of commerce helped. We recommend knowing Kansas better to your teacher and school board.

### Times As Much

KNOW CROP yields are higher today than ever. A definite measure of how much has come to us in The Agricultural Situation states crop yields per acre have risen in the last 20 years than in any other period during the 86 years records have been kept. Level of yields today is about 45 per cent

higher than in 1930, an increase of 9 times as much as in the preceding 20 years, 1910 to 1930. This striking rise in yield shows up in important field crops and major fruit crops.

Among factors contributing to this huge increase in acre yields are more and better machinery, hybrid seed corn, improved varieties of other crops, closer planting and other improvements in cultural practices, and use of fertilizers, lime and insecticides.

One of the most important factors contributing to the 45 per cent rise in yield, states The Agricultural Situation, is the greatly expanded use of fertilizer and lime. Much of this adjustment took place on crops and in areas where little fertilizer had previously been used. But even where use had been common, increased rates per acre, along with other improved practices, have resulted in substantial responses in yields. Increased use of fertilizers and higher yields to the acre are predicted for the future.

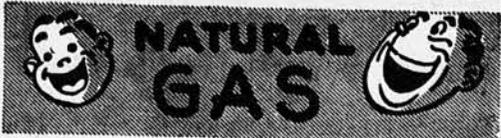
### A Great State Fair

CONGRATULATIONS to a superior and successful Kansas State Fair, held at Hutchinson, September 14 to 19. Just whom do we include in our praise? We will tell you. More than 1,000 farmers with farm products exhibits, owners of 1,127 birds in the poultry show, exhibitors of more than 1,000 cattle, owners of 300 sheep, exhibitors of 100 horses, 126 school bands from over the state including 7,000 musicians who were on parade, 750 4-H Club members from 94 counties enrolled as official delegates in the state 4-H Club encampment, 7,009 4-H Club members competing at the fair with exhibits and in contests, 1,500 Future Farmers of America from chapters over the state offering keen competition, folks responsible for the 19 excellent county exhibits of farm, garden and orchard products; and more than 400 exhibitors of farm implements and home equipment.

All of these folks are to be congratulated because they made the fair sufficiently interesting, together with entertainment on the grounds and in front of the grandstand, to draw nearly 400,000 visitors. That is a near record, second only to 1948 crowds that actually reached that number.

Then there is another group—the board of state fair managers—who thru long hours of planning, and days of hard work during fair week, have made this a Kansas institution of which all of us may be proud. Their attention is concentrated on making agricultural sections of the fair reflect the importance of farming in this state. In this they are highly successful. Recognizing the boundless possibilities and opportunities for business and industry, 40 acres are set aside for farm machinery exhibits. Farm youth of Kansas are encouraged with special facilities for their exhibits—as much attention is given to youth at the fair as any other section, perhaps more. And if you attended Kansas State Fair at Hutchinson you noticed there wasn't one bit of questionable entertainment for which you might feel like apologizing.

So hearty congratulations to the board of state fair managers: William Condell, president, El Dorado; Everett E. Erhart, vice-president, Stafford; R. C. Beezley, treasurer, Girard; Elmer McNabb, Pleasanton; Harold Staadt, Ottawa; Donald Christy, Scott City; Lew H. Galloway, Wakeeney; Walter A. Hunt, Arkansas City; Perry H. Lambert, Hiawatha; M. E. Rohrer, Abilene; Herbert H. Smith, Smith Center; P. A. Wempe, Seneca; Roy Freeland, secretary of Kansas State Board of Agriculture, Topeka.



"Johnnie was next to the best speller in his class. Then the teacher moved him!"

"Have you heard about the frugal man who walked 15 miles to see a baseball game, and when he got there he was too tired to climb the fence?"

"No, sir, I cannot support your daughter in the style to which she is accustomed, but I can accustom her to the style in which I can support her!"

"Here are answers the schoolteacher received following an exam:

—a mountain pass is a pass given by the railroad to its employees so they can spend their vacations in the mountains.

—a blizzard is the inside of a hen.

—four animals' belonging to the cat family are the father cat, the mother cat, and the two little kittens."

Girl: "There's something about you I simply love."

Boy: "Not today there isn't. I spent it all last night."

"Work you don't like should be done as soon as possible," said the teacher.

"That's why I eat my pie crust first," said Johnny.

Carrying out the plans of the board in a most efficient manner are Virgil C. Miller, secretary of the fair board, and William H. Wegener, assistant secretary who is in charge of concessions. We have noticed they make success of Kansas State Fair their business every month of the year.

### KSC Helps All of Us

KANSAS STATE COLLEGE, thru its agricultural experiment station, is to make a study of the economic problems of wheat storage. A \$10,000 grant from the U. S. Department of Agriculture makes this possible. Those in charge want to determine how much storage space is needed, where it should be located, and the capacity of elevators that are most economical. Kansas State got this grant because of the outstanding marketing research program it has developed during the last 25 years.

This serves again to call attention to the fact Kansas State College is without question one of the most outstanding and useful educational units in the United States. It is held in high regard by similar institutions throughout the country. Research work at Kansas State has developed information that has helped every farm, every family in Kansas, and in virtually every other state in the Nation.



"I don't know, myself, where I put it all. I'm just glad it goes there."



"He's eating solids now—keys—news-papers—pencils—"



# BIGGER

- ★ in power
- ★ in performance
- ★ in economy

THE FAR MORE POWERFUL  
 FERGUSON "30" is the ONLY tractor  
 that can have the famous  
 FERGUSON SYSTEM with **SSC**<sup>\*</sup>  
 SUCTION-SIDE CONTROL

Without question, the most sensational . . . the most talked-about tractor to be introduced in many a year . . . is the far more powerful Ferguson "30". It has established standards of performance that are yet to be equaled . . . by any other tractor!

And this performance was largely made possible by the world-famous Ferguson System . . . with exclusive *Suction Side Control*.

Before you buy a new tractor, take this vital step . . . Talk to as many farmers as you can who already have

bought the Ferguson "30" . . . who switched from other makes once they saw what *this* tractor could do for them. Ask your Ferguson Dealer to explain and demonstrate the vital importance of *Suction Side Control*!



**THIS BOOKLET TELLS THE STORY\***

Your Ferguson Dealer has an interesting and informative booklet for you. It is called, "*The Inside Story of the Ferguson System with Exclusive Suction Side Control.*" Ask for your free copy and read it carefully. You'll be glad you did . . . for the story's worth knowing!

**Ferguson Tractor and 63 Ferguson System Implements**

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Conway Implement Co.
- Atwood  
Vern's Service
- Baxter Springs  
Pruitt Motor Co.
- Bazine  
Bazine Implement Co.
- Brazilton  
Steffens & Sons
- Clay Center  
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- Colby  
Northwest Motor Co.
- Concordia  
Concordia Implement Co.
- Emporia  
Rich Farm Supply Co.
- Ensign  
Gardner Implement Co.
- St. Scott  
Midway Garage & Implement Co.
- Frederonia  
Eaton Implement Co.
- Hanover  
N & Z Implement Co.
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- Lancaster  
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- Lawrence  
Jones Farm Supply
- Louisburg  
Bates Pontiac & Implement Co.
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Strauss Implement Co.
- Mount Hope  
Howard's
- Newton  
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The Olathe Motors Co.
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Barthol Tractor & Implement Co.
- Salina  
Wenger Farm Supply, Inc.
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Wilderman Implement Co.
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- Wichita  
Hoffer Farm Equipment Co.
- Winfield  
D & D Farm Equipment Co.
- Wilson  
Warta Motor Co.
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Home Oil & Equipment Co.

**Toll Road in Kansas  
Isn't What We Need**

Dear Mr. Gilkeson: The question, "What do you think of the idea?" in the article entitled "Recommend 1953 Turnpike Bill" carried in your September 6 issue of *Kansas Farmer* merits a reply and answer from everyone in the state who is interested in Kansas roads and highways.

I have watched with alarm the proposed building of a toll road in Kansas. I say "alarm" because toll roads are being proposed with almost complete disregard for the well-being of the citizens of Kansas. . . .

**Not Enough Traffic**

At present and for some years hence, traffic even between points on the proposed route of a toll road in Kansas does not justify building one. I dare say that not one tax-paying citizen in one thousand in Kansas has the slightest idea of the cost per mile of a toll road. Further, very few people realize . . . enterprise along the route of a toll road . . . practically excludes small business people from the gain they normally can enjoy from enterprises established along good highways. There are so many things about a toll road that would be of no advantage and to some disadvantage to the citizens of Kansas . . .

**Highway System Needs Attention**

Kansas has a very extensive highway system that certainly needs development state-wide. The one redeeming feature about toll road thinking is perhaps citizens of Kansas might be interested in completing a state-wide, free, controlled-access highway system by issuing bonds for completion of that system within the lifetime of people now living. If that is not done, we who have been pressing and actually fighting for better roads for 30 years are going to be doing without the pleasure of enjoying the highways for which we have clamored. It is doubtful that under our present system even our next generation will ever enjoy state-wide satisfactory roads.

**Results Not Satisfactory**

We have seen our gasoline tax raised and raised yet result in no satisfactory road system being completed. By legislatively definitely impounding gasoline tax at its present rate for the purpose of paying interest and retiring bonds I believe Kansas could have within 5 or 7 years several east and west and several north and south controlled-access highways that would not only serve citizens of Kansas but every tourist who wants to pass thru our great commonwealth.

Why not proceed with development of a free, controlled-access highway system for Kansas on a basis that is sound and which would permit us of this generation to enjoy the highways and leave them for posterity? Building a toll road for fast thru traffic at a cost of several million dollars per mile across one corner of this state with business opportunities along its route controlled by monopoly, and which would not be a self-supporting project within 3-5 years of its completion, certainly is not what I think the people of Kansas want. While we are building roads why not build the best for the least for the most people and for the future welfare of our State while we are at it?—Dean Kimmel, Brown Co.



"Wait awhile until it's good and cold."



*On This Platform*

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# Here's how you save when your wood fence posts are **PRESSURE-CREOSOTED** with **U·S·S CREOSOTE OIL**

**T**HIS fall make sure that every fence post you set will give you the longest possible service. When you buy wood fence posts, ask for posts that have been *pressure-creosoted* with U·S·S Creosote Oil.

Pressure-creosoted posts—with the Creosote Oil forced deep into the wood—give you many savings.

**1 You SAVE on Replacements—** Instead of having to replace untreated posts as many as 6 times, you can do the same job with only one pressure-creosoted post.

**2 You SAVE on Labor—** Every post replacement you avoid means time saved for productive

jobs. Also, pressure-creosoted posts are straight, smooth and easy to set.

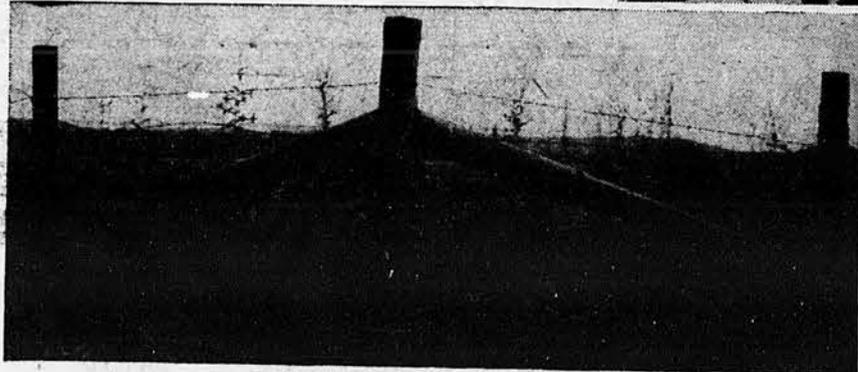
**3 You SAVE on Fence, too—** You eliminate the down fence that so often means *ruined* fence and replacement.

Pressure-creosoted posts are engineered products of modern pressure-treating plants. The right amount of Creosote Oil is forced into the wood to protect it against termites, fungi and dry rot. Many pressure-creosoting plants treat their posts with U·S·S Creosote Oil. You're well acquainted with products of United States Steel, so you know that when posts are pressure-creosoted with U·S·S Creosote Oil, a quality product has been used.

## TAKE YOUR NEIGHBOR'S WORD ABOUT **PRESSURE-CREOSOTED POSTS**

**W. R. Stines, Lawrence, Kan.—who has spent the entire 79 years of his life on his 70-acre farm—says:**

"I installed these pressure-creosoted fence posts myself before 1920 and they are almost as good today as the day they were set. The fence still has its original wire and the pressure-creosoted posts, which are southern pine, look like they will be good for many years yet."



### Where to buy pressure-creosoted wood posts

● Ask your fence or lumber dealer for pressure-creosoted wood posts. If he does not have them in stock, he can get them for you quickly. If you would like to know the name of your nearest supplier, send in the coupon. There is no obligation, of course.



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### START SAVING NOW! MAIL THE COUPON TODAY!

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Room 2806-C, 525 William Penn Place, Pittsburgh 30, Pennsylvania

I would like to know more about pressure-creosoted fence posts and the name of my nearest supplier. No obligation, of course.

Name .....

Address ..... Town .....

County ..... State .....

I would like prices on ..... posts from the supplier.

**UNITED STATES STEEL**

No. 10 in special series telling how scientists at Kansas State College improve your crops

## Kansas Soil Erosion Studies May Help Many Countries



**STUDYING SOIL-EROSION** causes and results at Kansas State College are W. S. Chepil, left, and A. W. Zingg. What they learn will be helpful to Kansas.

**WORLD-WIDE INTEREST** has been aroused in a soil-erosion research project established jointly 5 years ago this fall at Kansas State College by the Kansas Agricultural Experiment Station and the Soil Conservation Service.

This interest is natural since Kansas State is one of the few places in the world where this problem is being actively studied on a fundamental basis. Correspondence has been received from Japan, Australia, Germany, France, North Africa, Great Britain, elsewhere.

A. W. Zingg, an agricultural engineer, came to K-State in the fall of 1947 to start the project. He was joined early in 1948 by W. S. Chepil who came to the staff as a professor of soils.

### Purpose of the Work

Briefly, Zingg says, the project's purpose in general is to bring information together that will make wind erosion control more of a science. The project is a technical study.

Objectives of the research, as listed by Zingg and Chepil, are (1) to determine causes of wind erosion, and processes by which soil materials are moved and transported by wind; (2) to develop suitable methods for studying wind erosion; (3) to determine effects of physical and chemical soil properties, such as structure, texture, kind and amount of organic matter, lime, and alkali salts content, and possibly other soil characteristics on the detachability of soil by wind; (4) to evaluate effects of plant covers and residues, surface barriers, various topographic features, the degree and nature of surface roughness, and various

mechanical and land-use practices soil drifting; and (5) to outline principles upon which the design of control practices can be based.

The first year was devoted primarily to development. By the end of 1949 a laboratory and a field wind tunnel had been constructed and tested, developing the wind tunnel at K-State the plan has been to construct one suitable for use either in the laboratory or in the field. The cross-section of present air duct is 3 feet square and length is 56 feet.

An example of research being conducted is a study of Greeley county soil.

Physical and chemical analyses of soil samples chosen at random from more than 90 fields in that county (Tribune, county seat) during 1949 and 1950 were made in the Kansas State laboratory. They were made to determine rates of soil deterioration associated with the type of agriculture used since the virgin sod was broken. In the Greeley county land that has been used for grain production for years about 9 inches of topsoil had been removed, mainly by wind erosion. The land is now much less productive and has substantially less organic matter and undecomposed crop residues than the newly-broken land. Due to low amounts of crop residue this "old" cultivated land is more exposed to wind and water erosion.

Studies near McPherson, Kan., in the spring of 1951, showed land cropped wheat continuously to be four times as erodible as wheat after second-year sweet clover.

## GRAND CHAMPION BROWN SWISS



**SHOWN HERE** are grand champion Brown Swiss cow of Kansas State Fair, Silver Creek Esther, left, owned by Earl Webber, Arlington, and held by Iredelle Rogers; and the reserve champion female, Blocky's Janet, owned by Ross Zimmerman, center, of Abbyville. His cow is being held by Otto Nuest.

KANSAS STATE UNIVERSITY LIBRARY

# Follow These Timely Tips When Storing Fruits and Vegetables

WILLIAM G. AMSTEIN, Kansas State College

AT THIS TIME of year early stored vegetables as well as fruits need checking over. And the home or locker supply as well as the goods need to be inventoried or previous inventory brought up-to-date.

Our production from many farms in 1952 was shorter than normal. Likewise, quantity of locally-grown fruit except for peaches was less than in many years. With all this in mind, consideration a little extra checking of stored products should be given.

Storage of fresh vegetables requires special attention to moisture, temperature, ventilation and light. It is a job that deserves attention at regular intervals thru the season. All vegetables do not store with equal success under the same conditions. However, most crops can be handled in one location. First requirement is to have high quality products free from rot, bruises, burn, disease or insect damage for they will keep much better than those with defects. Injury during harvest as sunburning or bruising will cause storage problems.

### Spraying Will Help

A good clean storage room including crates or other containers used is important. Spraying the storage and containers, before any items are stored, with formaldehyde or copper sulphate should be practiced more liberally. Most stored products should be checked at least once a month. This is due to heat damage before storage. More frequent checking may be needed. Products such as Irish potatoes and onions go out of condition rather quickly, especially if a few bad specimens are overlooked. However, do not store stored products any more than necessary to be certain the products are keeping well thruout the contain-

temperature in a storage room should be maintained cool and fairly constant, just above freezing. Low, temperatures give best results. Many stored products are lost by rotting and shriveling, the result of a storage room. Needed moisture can be supplied by sprinkling the floor. The crops in sand so moisture be added as needed if your storage is too dry. Ventilation is another

item to consider since it will help supply needed oxygen in addition to helping out on moisture and temperature conditions. Odors can usually be handled this same way.

In handling root crops such as carrots, beets and turnips, dig them, if possible, when the dirt will not stick to them. Leave about one inch of top on them to keep down shriveling. Too close clipping may allow rot organisms to get started.

The storage room floor may need to be sprinkled once a week. Root crops can be stored in a covered stone crock. In addition they may be packed in sand.

Parsnips are more commonly left in the garden and taken out as needed thru the winter. Mulching parsnips will make it easier to locate and dig them.

Sweet potatoes are fall-stored and need to be cured during early storage. A temperature of 80 to 85 degrees F. with the room not too dry for 10 to 14 days is best. This will allow the skin to become firm and wounds to heal. After curing, sweet potatoes should be stored at a temperature of 50 to 55 degrees F. An extremely dry storage will cause sweet potatoes to shrivel and dry up too fast. Storing sweet potatoes in crates or bushel baskets is a good plan.

For best results squash and pumpkins should be stored in a dry place that is well ventilated and fairly warm. The stem or fruit stalk should be left on to help avoid early decay.

### Report on Diseases Of U. S. Cattle

Bang's disease and tuberculosis in cattle continued to decline in the United States in 1952, on basis of cattle tested.

The U. S. Department of Agriculture also reports 7,491,327 cattle were blood tested for brucellosis (Bang's disease) in 1952, compared with 5,640,836 in 1951. A total of 3,179,251 calves were vaccinated for brucellosis in 1952 and 2,542,333 in 1951. For tuberculosis, 9,164,265 cattle were tested in 1952 disclosing 10,351 reactors, while in 1951, 12,353 reactors were found among 8,847,288 cattle tested.

### GRANDMA . . . . . By Charles Kuhn



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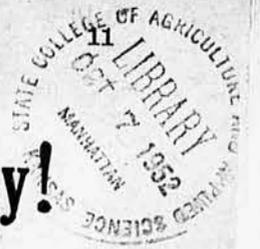
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*Make this the most productive laying season you've*

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# Here's what you get at your dealer's "Hen House" Day!



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There's *nothing to buy,*  
*nothing to send in,*  
*nothing but fun and*  
*some valuable culling*  
*practice. Don't*  
*miss out on this.*

## FREE! Coffee and doughnuts

And along with food, you'll  
have a chance to pick up an armful  
of things that'll help you  
get your pullets to *pay-off*  
better than ever before!

## FREE! Culling guide Egg production records

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same reason you want a laying feed  
(Pillsbury's) that gives you the  
most eggs at the lowest cost.



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can get this quick check-list  
of hen housing needs... except  
at your Pillsbury Feed Dealer's  
big "Hen House" Day.

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on  $4\frac{1}{2}$  lbs. of total feed. Regardless  
of which Pillsbury Laying Feed  
you use. Farm records prove it

# Here's the date of your dealer's "Hen House" Day

### KANSAS

- |                                                                                |                                                                      |                                                                     |                                                                          |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>ARGONIA</b><br>Botkin Grain Co.<br>Tues., Oct. 21st                         | <b>HOLTON</b><br>Holton Prod. and Heckerson Hatch.<br>Fri., Oct. 3rd | <b>OTTAWA</b><br>Seymour Packing Co.<br>Thurs., Oct. 9th            | <b>WHITING</b><br>Whiting Grain Co.<br>Thurs., Oct. 9th                  |
| <b>ATCHISON</b><br>Klehl's Market and Feed<br>1808 Main<br>Sat., Oct. 18th     | <b>HORTON</b><br>Zweimiller Feed Store<br>Sat., Oct. 11th            | <b>PARSONS</b><br>Jones Feed Service<br>Wed., Oct. 8th              | <b>WINFIELD</b><br>Kellogg Farmers Union Co-op Assn.<br>Thurs., Oct. 9th |
| <b>BENDENA</b><br>Bendena Grain Co.<br>Wed., Oct. 22nd                         | <b>LAWRENCE</b><br>Seymour Packing Co.<br>Sat., Oct. 25th            | <b>SABETHA</b><br>Seymour Packing Co.<br>Sat., Oct., 25th           |                                                                          |
| <b>CHANUTE</b><br>Chapman Feed Service<br>702 East Main St.<br>Sat., Oct. 11th | <b>MELVERN</b><br>Melvern Hardware & Grain Co.<br>Sat., Oct., 4th    | <b>SEVERY</b><br>Simmons Produce<br>Fri., Oct. 17th                 |                                                                          |
| <b>CIRCLEVILLE</b><br>Akrigh Farm Supply<br>Wed., Oct. 15th                    | <b>MOUNDRIE</b><br>Moundridge Coop. Elev. Assn.<br>Wed., Oct. 8th    | <b>ST. MARYS</b><br>Norris Grain Co.<br>Tues., Oct. 7th             |                                                                          |
| <b>EVEREST</b><br>Kimmi Feed and Produce<br>Thurs., Oct. 9th                   | <b>NORTONVILLE</b><br>Corpstein Elevator<br>Wed., Oct. 15th          | <b>TROY</b><br>Troy Grain and Fuel Co.<br>Wed., Oct. 15th           |                                                                          |
| <b>FRANKFORT</b><br>Seymour Produce<br>Fri., Oct. 17th                         | <b>NORWICH</b><br>H. E. Messmer Elev.<br>Tues., Oct. 7th             | <b>VALLEY FALLS</b><br>Tobins Hatchery & Produce<br>Sat., Oct. 11th |                                                                          |
|                                                                                | <b>OSAGE CITY</b><br>Seymour Packing Co.<br>Sat., Oct. 18th          | <b>WAVERLY</b><br>Durow Produce Co.<br>Sat., Oct. 11th              |                                                                          |

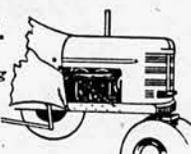
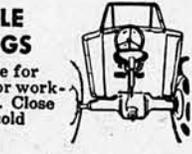
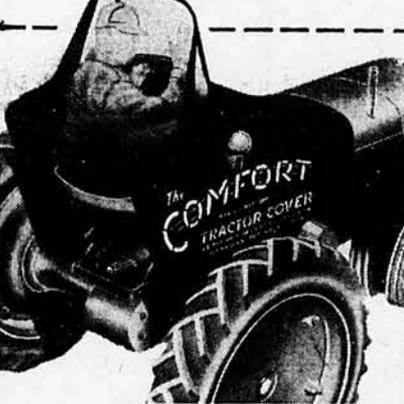


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## JACK GOES TO NORWAY

All farms are kept in fine condition, no slums in towns, 130 inches of rain, grain must be dried before storage, children eat breakfast at school

Remember, Kansas Farmer promised to bring you letters from our two 4-H'ers who are spending some time on farms overseas this summer. Here is the sixth one from Jack Grier, of Pratt, who has gone to Norway.



Jack Grier

DEAR MR. GILKESON: (September 7, 1952.) I am now back in Southern Norway where the sun shines more and it doesn't rain every day. I had an enjoyable 3 weeks stay with the Stubergs and can truly say I now know more about raspberries and gooseberries than before I went to North Trondelag. During my visit there Mr. Stuberg's hired help and myself picked about 1,300 pounds of red raspberries and 900 pounds of gooseberries. Most of the berries were sent to jam manufacturers but some were sold at the open market in Steinkjer.

Twice during my stay at the Stuberg farm Brynulf, a 17-year-old youth who works for Mr. Stuberg, and I bicycled to Steinkjer, a distance of 6 miles, where we went to an American movie. One Saturday evening, about a week before I was due to leave North Trondelag, the Sandvollan 4-H Club held a festival in my honor. Reinert Stuberg, my host, asked me if I would show some of my Kodachrome slides at the meeting which enables them to better understand the American way of life. Two musicians, 4-H Club members, played some music for part of the program. They played both American and Norwegian music. Two of the American tunes were "Anchors Aweigh" and "Home on the Range."

### Thanks for 4-H Clubs

Later in the evening a prominent man of the community made a speech which he had translated into English. He said the Norwegian people are thankful and appreciative for the idea of 4-H Club work, which they obtained from the United States, and that I am to express their thanks to the American 4-H Clubs for their help upon my return home. After the speech he presented me with a booklet containing a map and picture of the Sandvollan area, also the signature of the members of the Sandvollan 4-H Club.

Next day I went to a machinery demonstration which was held at an agricultural school not far from the Stuberg farm. Various machinery manufacturing concerns of Norway were there with their various equipment. There were many combines at the show but at present there are only 800 combines in all of Norway, that is 300 more than at this time last year.

The combines are made with a special platform where a person can sack

the grain as it is threshed. The grain then has to be dried in some manner before it is stored because it contains 18 per cent or more moisture at the time it is cut.

About a week before I left North Trondelag I observed one of the first fields of barley being cut. It was bound with a 4-foot binder with the bundle being strung on upright poles located every few paces thruout the field. At that time I thought all grain in Norway was shocked in that manner, but recently I have seen many fields of grain shocked the same way it would be done in America.

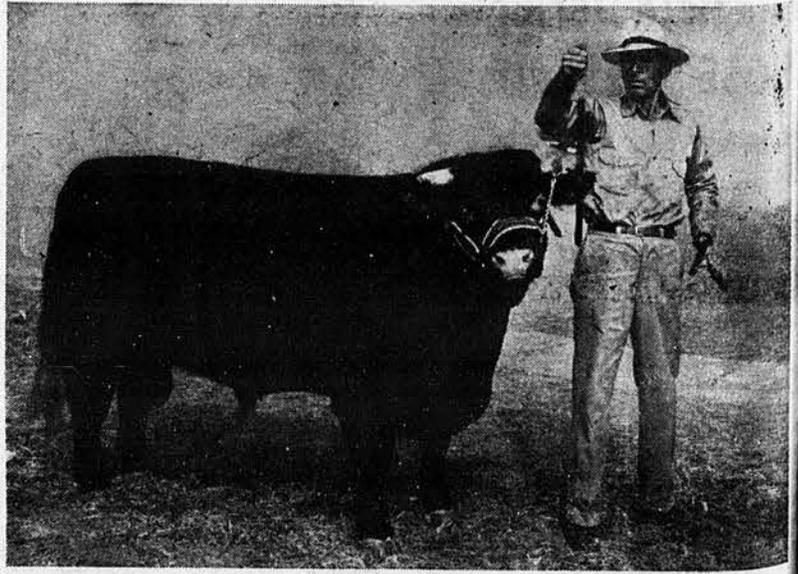
### Difficulty in Harvesting

Farmers here have much difficulty harvesting their grain because a large amount of it falls down or is blown down due to a weakness of straw. Therefore most of the grain is cut with a binder. If they were to wait until it was ripe enough to combine it would be all flat on the ground. However various experiments are under way with various agriculture concerns with the aim of developing a variety of grain with strong enough straw to withstand wind and weather until threshing time. Farm equipment is small in Norway due to the small size of farms here.

A few days before I was to leave the Stuberg farm I traveled by bus to a farm about 10 miles west which is owned and managed by a family which lived on a farm in North Dakota for 20 years. Another middle-aged couple from America who are touring Norway this summer were there, also. I think

(Continued on Page 13)

## GRAND CHAMPION SHORTHORN BULL



HIS FIRST TIME to show at Kansas State Fair brought C. M. Cummings, Kingsdown, a grand championship. His Shorthorn bull, Broadlaw, Morseman 23rd, walked off with the honors.

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I found a little spot of America there during my 2-day visit; we ate American meals and spoke English so it seemed almost like I was back home in Kansas.

Sunday, August 31, I left my second farm and headed for my third assignment, a 2-weeks stay at Tomb Jordbrukshale (Tomb College of Agriculture) located in South Norway. I was to meet Robert Miller in Trondheim who was coming down from a farm farther north. En route to Trondheim, I got off the train for a few minutes at a small station to mail some post cards. The name of the small village is "Hell" and as I almost didn't make it back on train in time I came close to spending a day in "Hell." By the way, the word hell in the Norwegian language means "success."

### Visited Interesting Cathedral

I was met at the station in Trondheim by an International Harvester representative, Gunnar Skaug, he spent the rest of the day showing Bob and me various sights of Trondheim. One place he took us was the Norwegian Lutheran Church Cathedral, largest church in Northern Europe.

The branches of various business concerns located in Europe, such as I.H.C., and many others deserve a lot of thanks for the various ways they have helped us 4-H'ers since we arrived here.

That evening Bob and I boarded a boat, The Midnatsol, which took us from Trondheim to Bergen. Most of the trip is in sheltered fjords and inland passages with mountains rising high above the sea on both sides of the boat. I think that trip is one of the most beautiful and scenic boat trips anywhere on this earth. Due to the fact that hotel reservations at a hotel in Oslo could not be obtained until a day later than expected, Bob and I spent a day in the rainy city of Bergen, Norway's second largest city with a population of 150,000. The city is surrounded by 7 mountains with the only opening towards the sea. The average yearly rainfall in Bergen is 130 inches and this year 30 per cent above normal.

### Education Is Important

Store windows were full of school supplies; most of the schools in Norway opened last week. Norwegian youth spend 8 years in grade school, 5 years in high school, and many universities and technical schools after high school.

There is one thing I am sure of by now, that the people of Norway are not undernourished. Also, during my tours of various parts of Norway I have not seen any slum sections in any of the towns or any farm that wasn't kept up in fine condition. I think the Norwegian people have a very good standard of living, considering the sufferings they underwent at the hands of the Germans during World War II.

After a day in Bergen my companion and I took a train on the Bergen-Oslo Railway for Oslo. This runs from sea level at Bergen, to 4,330 feet above sea level at Taugevstn, one third of the way across the country, and back down to sea level at Oslo. It takes 12 hours for the train to make the 306-mile trip. For 46 of the railways total length of 306 miles the train runs thru tunnels or snow screens. Of its 200 tunnels the longest is 3 1/4 miles in length and it takes 5 minutes to cross. I am now in Oslo, the same place I was 11 weeks ago and tomorrow leave for the agricultural school south of here.

—Jack Grier.

### Make a Pig Brooder

How to make a practical pig brooder is told in USDA bulletin 2039, "Electric Brooding." Also tells how to use electric light and heat for livestock brooding to save animals and boost production. For a copy, write Farm Service Editor, Kansas Farmer, Topeka, Kan. Price, 5c.

# Spray WHEAT and PASTURE NOW...

with FERTILENE'S 32%

# Liquid Nitrogen

## DEVELOPS BETTER ROOT SYSTEMS TO WITHSTAND WINTER TEMPERATURES



with



PAT. PENDING

### AMAZING NEW DISCOVERY THAT DOUBLES ABSORPTION OF FOLIAGE FEEDING

### CONTAINS FOLI-ON

A new development of Fertylene that speeds the penetration of the leaf surface by reducing surface tension. Foli-on results in a more uniform covering of the leaf, guarantees greater usability of every drop of Liquid Nitrogen. No matter how you spray, by plane or weed sprayer... you can make more money with Liquid Nitrogen.

### USE JUST AN ORDINARY WEED SPRAYER

Fertylene Liquid Nitrogen is as safe to handle as water. It has no pressure, and will not burn or evaporate. It is relatively staple and does not leach out as rapidly as other nitrogen materials. Field tests prove Liquid Nitrogen is absorbed through the leaves as rapidly as when fed through root systems. That means you can apply Liquid Nitrogen with your regular weed sprayer. Wheat yields are expected to boost from 7 to 11 bushels per acre and protein content about 2% under various rates of application. Pasture lands produce more lush growth when Liquid Nitrogen is applied.



### FERTILENE'S 32% LIQUID NITROGEN

A few territories are still available for the distribution of Fertylene 32% Liquid Nitrogen. For complete information about how you can get into this essential and profitable business. Write today, to Fertylene, Worthington, Ohio.



### MAIL COUPON TODAY

FERTILENE CORPORATION OF AMERICA  
Dept. KF, Worthington, Ohio

Gentlemen:

Please send me a sample quantity of 32% Liquid Nitrogen, enough to treat 15 acres. (Sorry, limited supplies permit us to ship only 15 gallons on the sample order.) Enclosed please find my check or money order for \$40.35 which I understand will include the cost of shipping.

Name.....  
Address or R.F.D.....  
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State.....

Due to the defense effort, there is a critical shortage of essential chemicals. We advise you to order your supply of Liquid Nitrogen today and be sure of having it on hand when you need it!

**WANTED!**



**TOUGH FIELDS**



*to show what the  
CA tractor can do*

Is there a tough-to-plow field on your farm? Sod-bound? Hard-packed? Or just plain stubborn?

That's the place to test the new CA. Find out for yourself what's happened in tractor engineering. Now you can have heavy-tractor performance in a smaller, less expensive tractor amply powered for two-plow farming.

Set the big A-C 2-bottom, 14-inch mounted plow at desired depth. Move the hydraulic lever to the right running position. Feel the Traction Booster take hold as weight on the drive wheels automatically increases traction to meet the load.

Look again! See the CA "plant its feet" for maximum pull . . . with new earth-gripping WIDE-RIM tires.

Engine power spaces the drive wheels exactly the right distance apart. Instantly and safely!

You'll like the Two-Clutch system. The tractor power take-off operates independently of forward travel. It's like having an extra engine!

Powerful 4-speed transmission includes a real workhorse low gear for harvesting heavy crops or plowing tough soil.

The new 2-plow CA and 3-plow WD Tractors get more work-power out of horsepower than any previous farm tractors.

**4 Features that Challenge Any 2-Plow Tractor**

- ★ **TRACTION BOOSTER** ★ **POWER-SHIFT** wheels
- ★ **new WIDE-RIM** tires ★ **TWO-CLUTCH** control

**ALLIS-CHALMERS**  
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

**Kansas State Fair One of Best  
With Many Kansas Winners**

THE 1952 KANSAS STATE FAIR, September 14 to 19, goes down in history as one of the best. There were more than 1,000 head of cattle shown, 90 more head of beef cattle than last year.

In 4-H there were 1,700 entries in clothing, up 10 per cent; 457 cakes and cookie entries; more than 1,100 food entries. Altogether there were more than 3,000 entries and 145 demonstrations. The sheep show, both breeding stock and fat lambs, was best ever. Dairy show was one of best. The breeding heifer show in beef classes was very strong with steer competition fair.

An outstanding event of the fair was public recognition by Hutchinson business men of Perry Lambert, Hiawatha, president of the fair board a total of 8 years and a member for 18. He was given an engraved gold pen and pencil set in recognition of his long service.

Machinery and equipment displays ranged from a mechanical cotton picker to a special self-weaning gadget to feed synthetic milk to pigs.

Here are Kansas top winners at Kansas State Fair, Hutchinson:

**Beef Cattle**

**Angus:** Junior and grand champion bull, Simon Angus Farm, Madison, on Prince 105 of SAF. Simon also had reserve senior, junior and reserve junior female champions.

**Hereford:** Grand champion bull, Foster Farms, Rexford, on F. F. Alpine C29; reserve, John M. Lewis, Larned, on DCF Larry Dom. C. Grand champion female, CK Ranch, Brookville, on CK Cora Kay 2nd; reserve, Foster Farms on FF Proud Duchess 43. County group, Comanche.

**Shorthorns:** Senior and grand champion bull, C. M. Cummings, Kingsdown, on Broadlawn Morseman; junior and reserve grand, Houck Brothers, Brinkman, on Len Del Mercury.

**Dairy Cattle**

**Guernsey:** Senior and grand champion bull, Mrs. Irene Hamler, Osage City, on Cooper's Aleck. Kansas regional herd, Southern Kansas.

**Milking Shorthorn:** Senior and grand champion bull, John Garetson, Copeland, on Fox's Roan Prince; junior and reserve grand, Theis Co., Dodge City, on Duallyn Pioneer Chief. Junior champion female, John Garetson on Morning Star Roselyn; senior and grand champion female, Loewen Brothers, Hillsboro, on Spot; reserve senior and reserve grand, Theis Co. on Don Acres Rachel. Kansas district herd, Southwest Kansas.

**Brown Swiss:** Junior and grand champion bull, F. M. Webber, Kingman, on Fairlawns Beauty Buster; reserve junior, C. Curtis Unger, Burden, on Moffet Meadow's Crowder. Senior and reserve grand champion bull, F. M. Webber on Prairie View Mah's Priority; reserve senior, G. D. Sluss, El Dorado, on El Dorado Rusty. Junior champion female, Steve French, Pretty Prairie, on Prairie View Silver Dust; reserve junior,

Earl Webber, Arlington, on Prairie View Joann. Senior and grand champion female, Earl Webber on Silver Creek R. D. Esth. reserve senior and reserve grand, Ross Zerman, Abbyville, on Blocky's Janet. Kansas canton herd, Canton No. 4.

**Ayrshire:** Junior and grand champion bull, W. S. Watson, Hutchinson, on Ayr-Line Modish Guy; reserve junior champion, Watson on Ayr-Line Royal Flash. Senior and reserve champion, Watson on Lemoine Point Sir Henry; reserve senior, Watson on Ayr-Line Rare Gayboy. Senior and grand champion female, Watson on Ayr-Line Royal Girl; reserve senior and reserve grand, Don & Arlo Flickinger, Mound Ridge, Red Skin's Gem; junior champion, Watson on Ayr-Line Modish Galety; reserve junior, Dr. W. F. Bernstorff, Winfield, on LaGon Indian Queen. Kansas district herd, M. Kansas District.

**Jersey:** Junior and grand champion bull, James Berry, Ottawa, on Charla Geom Vol; reserve junior and reserve grand, F. B. Smith, Highland, on Highland Deal Masterson. Junior champion female, J. Byler, Wellington, on Commando Design Claribel; reserve junior, John Weir, Gueda Springs, on Advance Record Duches senior and grand champion, J. L. Byler, Regina Noble June; reserve senior and reserve grand, John Weir, Jr., on Stand Design Countess. Kansas parish herd, Southern Central.

**Holstein:** Senior and reserve champion bull, Clyde Altenread, Hutchinson, on Lhost Vrouka Oscar; reserve senior, George O'Neal, Hutchinson, on Sloan's Dean Prince. Junior champion female, H. A. Meier, Alene, on Smoky Hill Wisconsin Patty. Junior reserve junior, J. W. Carlin, Smolan, Carlin's Hilltop Lad Topsy; senior and grand champion, Heersche Brothers, Mokane, on Heersche Smoky Sarah; reserve senior and reserve grand, Heersche Brothers, on Heersche Polkadot Carrey. Kansas district herd, Ark Valley.

**Winners of the KANSAS FARMER Dairymen's Contest:** Brown Swiss—Jack George, Lebo, 1st; Mrs. Paul Green, Topeka, 2nd; Clifford Hansen, Penalosa, 3rd. Winning team, Canton No. 5. Ayrshire—Aug. Flake, Leroy, 1st; Alvin Penner, Hillsboro, 2nd; Arnold Hart, Richmond, 3rd. Winning team, Mid-Kansas. Guernsey—W. G. Ross, Jr., Homewood, 1st; John Nelson, Wichita, 2nd; Lyle Neher, Oswego, 3rd. Winning team, Southern District. Holstein—Gerald C. Neece, Rose Hill, 1st; Dale White, Newton, 2nd; Mrs. Dale Hugh Waldron, 3rd. Winning team, Ark-Valley District. Jersey—John Weir, Jr., Gueda Springs, 1st; A. H. Knoeppel, Colony, 2nd; Mrs. Ray Cudney, Trousdale, 3rd. Winning team, South Central District. Milking Shorthorn—Ralph Hager, Englewood, 1st; Ches H. Rolfs, Lorraine, 2nd; John A. Yelek, Rufford, 3rd. Winning team, Southwest District.

**Quarter Horses**

Grand champion stallion, Wilbur Le Rider, Kingman, on Lecklider's Little Bull; reserve, R. Q. Sutherland, Overland Park, on Rusty S. grand champion mare, Sutherland, on Sutherland's Ma.

**Open Class Market Barrows**

Grand champion pen of 3 barrows, Ruffell Ranch, Halstead. Champion barrow (150 lbs.)

(Continued on Page 15)

**EXCELLENT RECORD AT STATE FAIR**



OUTSTANDING RECORDS at Kansas State Fair were made by Leda and Larry Vernon, of Admire. Leda's Hampshire ewe was reserve champion in 4-H division, 2nd in open class. Larry's was champion in 4-H and 3rd in open class. Leda's fat lamb won blue ribbon in 4-H heavy weight division, placed 2nd in open class, was champion in carcass demonstration. Larry's Chester White barrow took blue ribbon in 4-H and was 1st in open class, 4th in open class carcass demonstration. His Hampshire barrow was 2nd blue in 4-H and 2nd in open class. Both Leda and Larry won blue ribbons in fitting and showing.

# Record Busters

## KNOW THEIR OIL

### FIRST AT INDIANAPOLIS

Roaring at full throttle for lap after lap Troy Ruttman fought a field of stiff competition to finish out in front. He established a new Speedway record with a scorching 128.922 m.p.h. average.

He used the same heavy-duty Mobiloil you get from your Mobilgas-Mobiloil man. It gave his engine the protection it needed to set the hottest pace in Indianapolis history.

# SO DO FARMERS

110 lbs.), R & S Ranch; champion barrow (211 to 275 lbs.), R & S Ranch; grand champion barrow, R & S Ranch. Winning barrows all were Hampshires.

#### Fat Lambs

Grand champion fat lamb, Faye McClure, Newton; reserve, Pamela Allen, Maize.

#### Wool Exhibit

Champion fleece, Orville Childs, Belleville.

#### Sheep Shearing Contest

Senior champion, Virgil McClure, Newton, for 4th time. Junior champion, Harold Taylor, Independence.

#### Sheep

Dorset: Champion ram, L. R. Glassburner, Wichita, on Glassburner 113. Champion ewe, Glassburner on Glassburner 147.

Suffolk: Champion ram, Mr. and Mrs. Sylvester Martin, Mt. Hope, on Martin 507. Champion ewe, Martin 321.

#### FFA Farm Mechanics Display

Hillsboro, William Smith, instructor, 1st; El Dorado 2nd and Pretty Prairie 3rd.

#### Agriculture

Wheat sweepstakes, E. J. Hlavaty, Olmitz, on a sample of Kiowa.

Sweepstakes, best 10 ears corn, Shirley Rice, Valley Falls.

Sweepstakes, best 100 ears, Elva Moore, Gardner.

Championship 100 ears yellow corn, Elva Moore. Championship 100 ears white, Shirley Rice.

County project exhibits: Reno, 1st; Sumner, 2nd; Marion, 3rd.

County collective booths: Eastern division, Shawnee; Central, Reno; Western, Comanche. Grand champion booth, Shawnee.

#### 4-H Livestock

Champion baby beef, Polled Hereford shown by Dale Reich, Russell county; reserve, Angus shown by Bob Farney, Barber county.

Angus baby beef champion, Bob Farney; reserve, Elaine Olson, Morris. Hereford, Dale Reich; reserve, Galyn Peterson, Marshall. Shorthorn, Janice Viar, Morris; reserve, Donice Regier, Butler.

Beef heifers—Shorthorn—Roy Bach, Pawnee; reserve, Dick Downing, Harper. Angus, Lorraine Couchman, Pawnee; reserve, Darrell Rickabaugh, Anderson. Hereford, Ralph Waite, Cowley; reserve, Karl Rau, Clay.

#### Dairy

Brown Swiss: Jerry Hess, Allen; reserve, Chester Peterson, Saline. Milking Shorthorn: Delbert Heidebrecht, McPherson. Holstein: Warren Beckner, Sumner; reserve, Donalds Beach, Saline. Guernsey: Ronnie Ringer, Sedgwick; reserve, Barbara Odgers, Saline. Ayrshire: Rodman Wilhan, Sedgwick; reserve, Margaret Borditt, Reno. Jersey: Beryl Smith, Doniphan; reserve, Noel Ary, Edwards.

#### Market Pigs

Mike McClure, Republic; reserve, Cheri Murray, Sedgwick.

#### Fat Lamb

Ray Tracy, Harper.

#### Poultry

Champion pen, Roger James, Sedgwick.

#### Fitting and Showing

Swine: Christy Crawford, Ness; reserve, Melvin Behnke, Rice. Sheep: Ronald Wedel, McPherson; reserve, Ray Tracy, Harper. Beef: Elaine Olson, Morris; reserve, Leon Riffel, Dickinson.

#### 4-H Booths

Neosho county; reserve, Pawnee.

#### Judging

Poultry, Montgomery county. Livestock, Clay county. Dairy, Montgomery. Crops, Neosho.

#### Style Champions

Vern Banman, Centralia, and Ralph Walte, Winfield. Reserve, Eula Mae Murrey, Conway, and Bruce Collins, Junction City.

#### Sweepstakes Medals

Deety Frakes, Jefferson, and Francis Grilhot, Jr., Labette. Adult medals: Mrs. Lyle Ashworth, Finney, and Harrel Guard, Sr., Mitchell.

#### Beekeepers Elect

Newly-elected president of Kansas Beekeepers Association at 53rd annual convention at Altoona, September 7, is M. C. Mitchell, Altoona. Other officers: V. H. Adee, Haddam, 1st vice-president; Roy Denny, Colony, 2nd vice-president; A. D. Small, Augusta, 3rd vice-president; Eldon C. Hawley, Iola, 4th vice-president; Will T. Roberts, Kansas City, re-elected secretary-treasurer.

#### Don't Take a Chance!

HAVE YOU EVER left a loaded gun around the house, within easy reach of a child? It's dangerous. Don't take a chance!



RACING car or tractor engine—both take a beating—both need the heavy-duty protection of new *heavy-duty Mobiloil!*

Today, a new super-detergent formula helps Mobiloil drastically reduce engine wear during periods when most wear occurs—during starts, warm-ups and stop-go operation. This means fewer repairs, less oil used between oil changes!

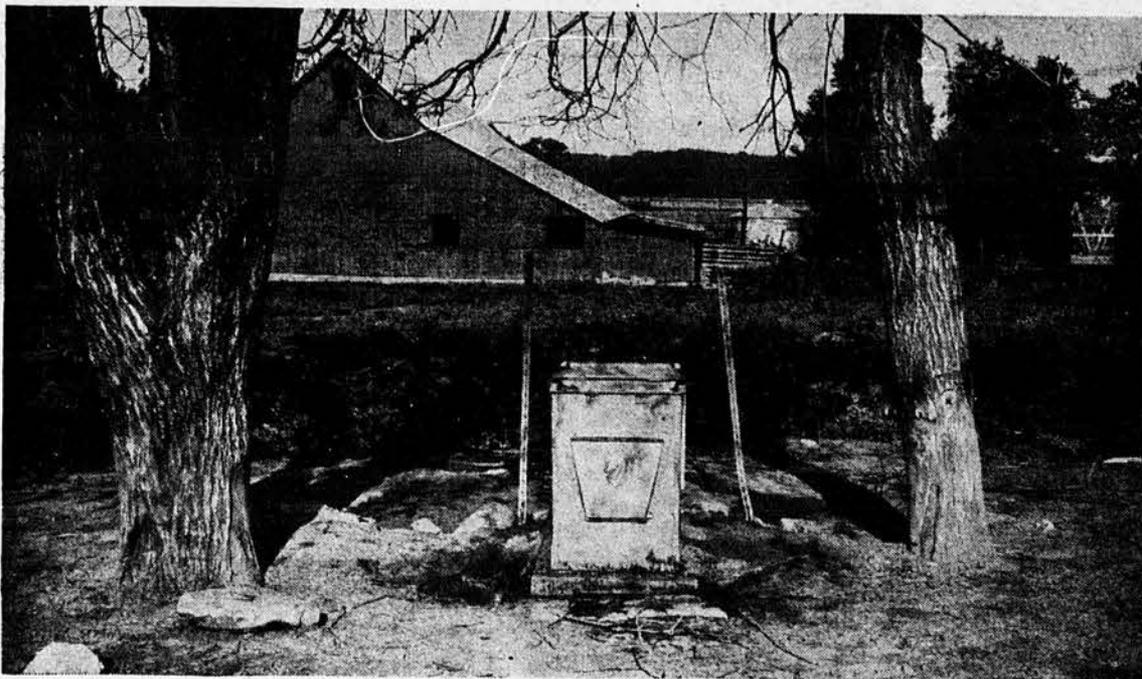
Yes, more than ever, you can depend on heavy-duty Mobiloil for *triple-action* performance . . . minimum wear, top protection against deposits and corrosion, peak operating economy!

Call in Your Mobilgas-Mobiloil Man—

# Mobiloil



Get Famous Mobilgrease and Mobilube Gear Oil, too!



**NOTE HOW SMALL** and compact this combination waterer appears in the picture with the barn in the background. The end view shows hog trough with swinging door closed.

**WITH AUTOMATIC** electric waterer there will be no ice chopping while thirsty hogs wait for a drink.



# Always Fresh From The Well

By ROY R. MOORE

**Automatic electric stock waterer does its job at low cost, never allowing cattle, hogs or poultry to go thirsty**

**W**HEN the windmill wasn't working for some reason, and the cattle had finished the supply of tepid water in the big stock tank, a phenomenon took place we used to think was pure cussedness on the part of the animals.

Reference, of course, is to the seeming ability of a cow to drink twice as much water when you had to pump it by hand, as was often the case when I did my share of such chores as a boy on

a Midwest farm. Maybe the quantity wasn't exactly twice as much when Bossie started on that water, fresh from the depths of our 60-foot well—maybe it was more. But I do remember she seemed to enjoy it exceedingly as did the 15 or more other cows. And how they filled up until their sides literally stuck out!

These cows were not being extra perverse—they simply liked the taste of that cool, fresh water—the same as you do on a hot day. And it certainly was good for them and helped milk production in no small degree, livestock experts tell us.

The story is the same today. In dead of winter when tanks are coated with ice, and chopping is necessary before Bossie gets a single swig, it's the same story—only in reverse. She loves to drink water fresh from a well, but not ice water.

Likely this bit of reminiscing will lead read-

ers to the inevitable conclusion that better days are ahead for the man who raises livestock with the attendant watering problem—which is true! That goes for cattle, hogs, horses, sheep and even poultry.

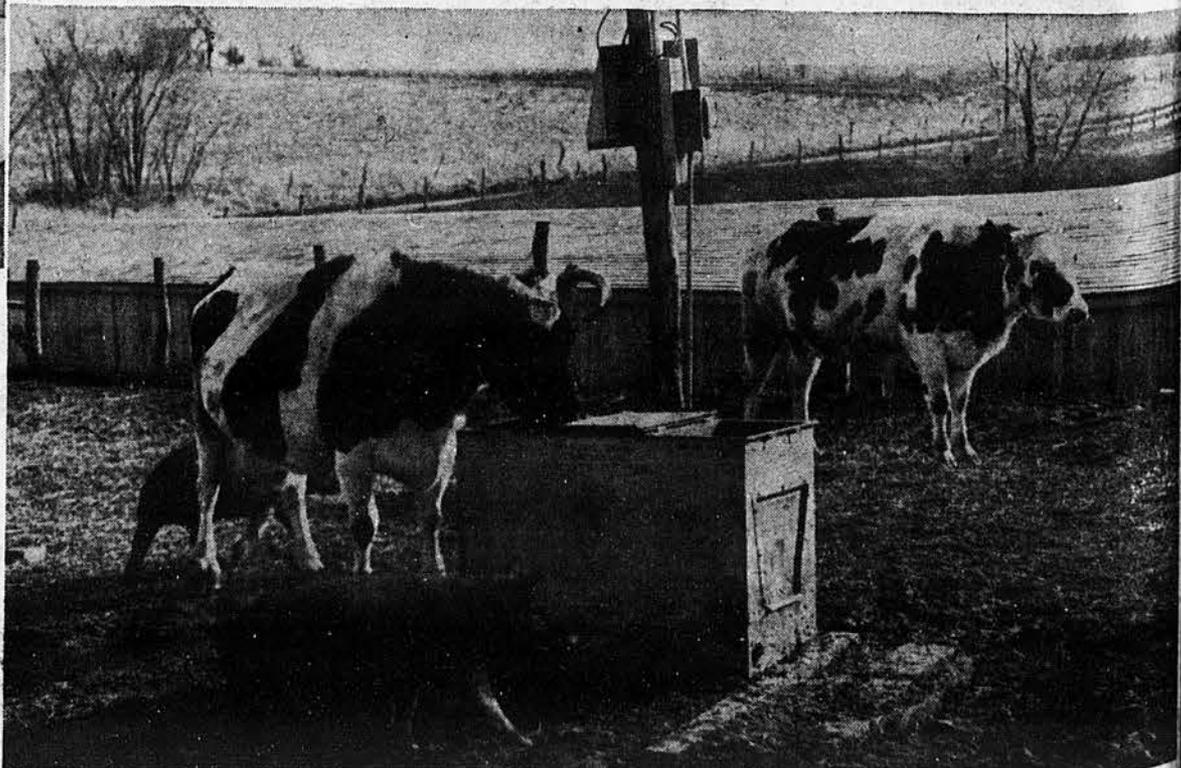
For electricity largely has made it unnecessary to depend on windmills altho no one yet has ever devised a more economical way of pumping water, either in summer or winter, and it's too bad you can't regulate our breezes with a flip of a switch. With electricity it seldom is necessary to resort to hand pumping, so reliable has become Reddy Kilowatt.

In winter the ice problem has been licked to a standstill by a few tank manufacturers who followed a simple rule. They figured it was next to impossible to keep a big tank from freezing over in the barnyard, no matter how much you spent in fuel to operate various forms of heating devices. So, why not build an extremely small tank with just a little more water than a cow or two could drink at one trip, with a fresh supply held back, either in the well or an insulated source of supply by an automatic float.

To make the story complete, the heating problem was solved by addition of an electric heating unit which [Continued on Page 27]



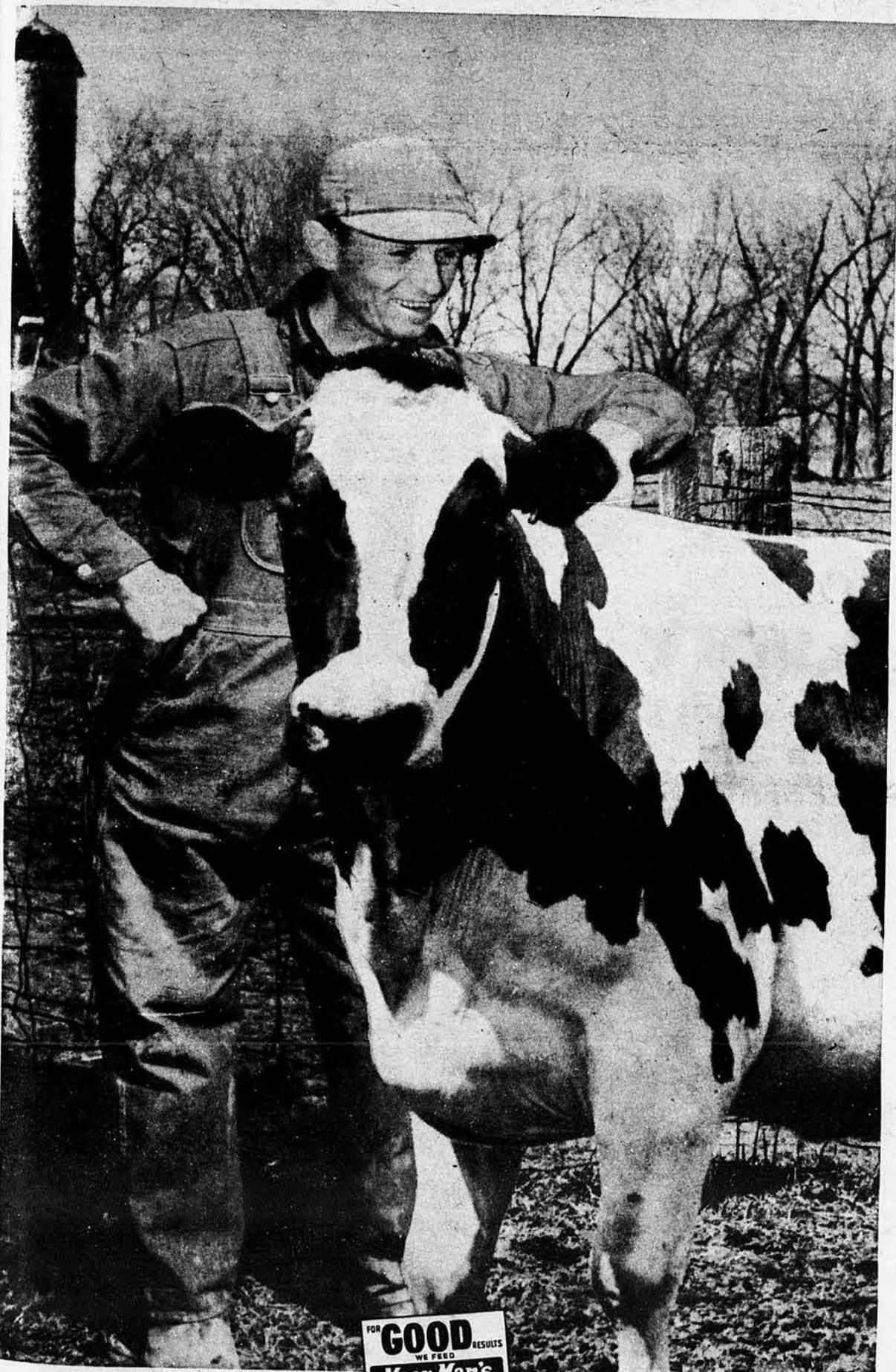
**MRS. RAY WEGNER**, Ozawkie, is proud of her automatic drinking fountain. The photographer could not induce the chickens to pose with their owner.



**AUTOMATIC ELECTRIC** stock waterer will take care of 80 head of cattle and 150 hogs. Note shoat on way to open self-service door for his drink of fresh water at end of compact unit.

KANSAS STATE UNIVERSITY LIBRARY

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MANHATTAN  
AGRICULTURE AND APPLIED SCIENCE



**Bob Klitz, Winnebago County, Ill. is a top-flight cow man. He says each cow must be handled to fit her individual temperament. He babies them . . . keeps them contented . . . watches their diet with the care of a skilled dietician. He tolerates no boarders, no loafers. He's bought cows that never produced more than 450-lbs. of milk—and made 500-lb. producers out of them. And, he has one of the best, and most profitable, dairy herds in the country.**

**Robert Klitz says:  
"DHIA Records Show \$1,370 More Profit on my 20-Cow Herd—feeding MoorMan's"**

"Our DHIA records show our cows averaged 57.1 more pounds of butterfat in 1951 than in 1950," says Robert L. Klitz, Winnebago County, Ill. "Figuring butterfat at \$1.20 a pound, that's \$68.52 more profit from each cow, \$1,370.40 for the herd.

"I'm confident that half of this increase was due to feeding MoorMan's Cow Mintrate for 10½ months of the testing year because MoorMan's seems to enable the cows to 'break down' my own grain and forage so they get more value from it. The other half of the increase was probably due to changing from corn silage to silage made of ladino, red top, alfalfa and clover.

"Our testing year ends Nov. 15, and our 1950 herd average was 465.3 lbs. We started feeding Cow Mintrate and our own grain on Feb. 1, 1951, and production increased until the cows made an average of 522.4 pounds of fat for the testing year. Production is still going up, for our April tests showed an average of 4.2 more pounds of fat than April last year. And that's an extra \$100.80 profit for the herd for one month.

"I especially like oats for cows, and feed ⅔ oats to ⅓ corn. To make a ton of cow feed, I use 1,850 lbs. of grain and 150 lbs. of MoorMan's Cow Mintrate. This gives me a 14% protein ration, and the cows get 1 pound for each 4 pounds of milk they give in winter, but only 1 pound for each 8 pounds of milk in summer."

**You, too, can make more net profits** if you switch to MoorMan's. You save because you buy only the feed you need to balance your own grain and forage—you get more feeding value from your own corn, oats, hay and pasture. Yes, switch to MoorMan's—see your MoorMan Man, let him explain Moorman feeding programs, keep accurate records, compare costs—and you, too, will be mighty happy with your good results. If no MoorMan Man calls, write Moorman Mfg. Co., Dept. J3-10, Quincy, Ill.



**Kenneth Wells, Clark Co., Ill., says:** "I save more than \$2,100 a year by grinding and mixing my own feeds. MoorMan's Steer Mintrate supplies the proteins, minerals and vitamins lacking in my own grain and forage . . . makes the best and most economical cattle feed I've ever used."



**Neil K. Ahart, Buena Vista Co., Iowa says:** "I made a profit of \$2,074 above feed costs on 64 hogs—or \$32.41 on each hog—by balancing my home grown feed with MoorMan's. They were started on corn and MoorMan's Pig Mintrate . . . at 70 lbs. switched to corn and MoorMan's Hog Mintrate 45."

**MoorMan's**  
(Since 1885)

**MAKERS OF PROTEIN AND MINERAL CONCENTRATES FARMERS NEED, BUT CAN'T RAISE OR PROCESS ON THE FARM**

# DANIEL GOES TO GREECE

Farm life here really is difficult, as land is scarce and overpopulation is terrific

Remember, Kansas Farmer promised to bring you letters from 2 of our Kansas 4-H'ers who are spending some time on farms overseas this summer. Here is the sixth one from Daniel Petracek, of Oberlin, who has gone to Greece.

DEAR MR. GILKESON: (Katerine, Greece, September 3, 1952.) The farmer's life here in Greece is very difficult and very discouraging. Without the land and proper means of cultivation, it is only a constant struggle for survival. Overpopulation of this country is terrific—something like 16 times as many people for the same area as there are in Kansas. And then when you consider that three fourths of the country is mountainous, you really wonder how they live.

The last 2 weeks have been very busy for me. I have been moving from one place to another so often I can hardly keep track of the days. But now I think things will be a little better and more interesting.

I spent one week in the Trikkala area and one week in the Karditsa area. These areas are very similar in many respects, so that is one reason I spent so little time in each one. The farmers I found here to be almost the poorest of any area I have lived in so far. The average farm is only about 8 to 10 acres, which is devoted mostly to the production of wheat, corn, and sesame. As the land is very poor and the farms are so small, a great part of their living comes from their livestock. Each family tries to have a few sheep, and if they are lucky they may have a

cow or two. Before the war they may have had 20 or 30 sheep, and maybe several cows. They were able to live fairly well with that, but now it is

## HOW MANY INSECTS?

Just how many insects are there in the world? According to 1952 Yearbook of Agriculture of the U. S. Department of Agriculture the answer is 690,000 (for species that have been described and named) and 10,000,000 (all kinds, named and unnamed). No one can guess what the grand total will be someday when they're all named. About 6,500 insects are being described and named each year! For such huge groups as beetles and flies, an exact count may never be possible. About two fifths of known kinds of insects are beetles. Another two fifths include moths, butterflies, ants, bees, wasps, and true flies. There are 9,000 species of ticks and mites which aren't true insects but look like them to most of us.

How many insects are injurious to man? About 10,000, say USDA specialists.

really rough. The people had to leave their homes and animals and go to cities to live because the guerrillas were killing people in the villages, carrying off women, children, food and animals. After the war they came back to their homes to start over again with nothing. The Government was able to give a few of the farmers one or two animals each to help them get started but of course, the progress is very slow. As the families in this area are very poor, it was not possible for me to live in their homes. Instead, I lived in the larger cities of Karditsa and Trikkala and went out to visit the people of the villages during the daytime. The Ag

**NOW**  
**I SEE WHY**  
more farmers plant  
**DEKALB** than any  
other seed corn

**YIELD** How can you afford not to plant DeKalb—the seed corn that has produced an average yield of nearly 98 bushels\* per acre for 41,998 farmers over a 13 year period? Consider this remarkable record when you next get seed. Get DeKalb—the corn that's planted by more farmers than any other brand.

**QUALITY** Farmers say, "DeKalb's the Corn that GETS RIPE." And, that's the kind of Corn YOU want. Next time, get DEKALB. You'll find one or more varieties just right for your farm . . . seed that DRIES OUT, SHELLS OUT and PAYS OUT.

DEKALB AGRICULTURAL ASSOCIATION, INC., DEKALB, ILLINOIS  
Commercial Producers & Distributors of DeKalb Seed Corn and DeKalb Chix

\*Yields were made by all contestants in the National DeKalb Corn Growing Contest on Selected 5-Acre Contest plots over a 13 year period.

**DEKALB**

*The Greatest Name in Corn & Chix*



Daniel Petracek

cultural Cooperatives in this area were very kind in assisting me to get around. They provided an interpreter and I spent most of the time, so I was able to get around and see quite a few villages. One thing that impressed me a great deal is the number of bees raised here especially in the mountains, where it is almost impossible to cultivate crops or pasture animals. It is really the livelihood of many mountain people.

Since leaving this section of Thessaly, I have come to the area of Karditsa. I have been here 3 days now, and I am beginning to like it and the people here very much. I am living with a family here and I have really come to like them all. Many of the young people around here know how to speak some English, so we've had a great time together.

This area is devoted primarily to tobacco growing, so there is a lot of tobacco growing.

(Continued on Page 19)

### Save Those Pigs!

Use electricity to save more baby pigs at litter time, and increase your farm profits! For tips, write for a copy of "Electric Brooding," published by the U. S. Department of Agriculture. Ask for Farmer's Bulletin 2039. Address: The Farm Service Editor, Kansas Farmer, Topeka, Kan. Send 3c for mailing.

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## Kansas Dealers

- ABILENE—Cruse Tractor Co.
- ANTHONY—Williams Tractor Co.
- ASHLAND—Fellers Motor Co.
- ATCHISON—Toussie Tractor & Impl. Co.
- BELLEVILLE—Rooney Implement Co.
- BELOIT—Fuller Equipment Co.
- CLAY CENTER—Primrose Tractor Co.
- CLYDE—Feight Farm Equipment Co.
- COLBY—Harrison Motors
- COUNCIL GROVE—Wood-Crum Impl. Co.
- DODGE CITY—Layman Farm Supply Co.
- ELLSWORTH—Weinhold Farm Equipment Co.
- EL DORADO—Jannay Trac. & Impl. Co.
- EMPORIA—Owens-Wilson Implement Co.
- EUREKA—Bush Tractor & Impl. Co.
- FLORENCE—Roberts Machinery Co.
- GARDEN CITY—Burtis-Nunn Impl. Co.
- GRAINFIELD—Shaw Motor Co.
- GREAT BEND—Schumacher Farm Equipment Co.
- GREENSBURG—Gupton Motor Co.
- HADDAM—Rooney Motor Company
- HAYS—Drelling Implement Co.
- HLAWATHA—Rite-Way Farm Equipment Co.
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- HOLTON—Bottenberg Impl. Co., Inc.
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- LEONARDVILLE—Stafford Motor Co.
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- OSBERLIN—Kump Motor Co.
- OLATHE—Perrin Machinery Co.
- OSAGE CITY—Osage County Motors
- OSBORNE—McCannon Tractor & Implement Co.
- OTTAWA—Price Implement Co.
- PAOLA—Miami County Implement Co.
- RUSSELL—Russell Trac. & Impl. Co.
- SALINA—Kansas Trac. Sales Co.
- SCOTT CITY—Western Hardware & Supply Co., Inc.
- SEBASTIAN—Wall Tractor & Equipment Co.
- SENECA—Fuller Tractor & Impl. Co.
- SMITH CENTER—Jones Tractor Sales & Service
- TONGANOXIE—Laming Tractor & Implement Co.
- TOPEKA—Shawnee Tractor & Equip. Co.
- TROY—Troy Implement Co.
- GLYSSER—Phifer Motor Co.
- VALLEY FALLS—Modern Tractor & Implement Co.
- WAKEFENEY—Midwest Marketing Co.
- WAMEGO—C. J. Wentz Sales Co.
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- WICHITA—Taylor Tractor Co.
- WINFIELD—Stuber Tractor & Impl. Co.

work to do. Every morning we go out to the fields at about 4 o'clock to pick the tobacco before the day becomes hot, and then all day the tobacco is hung on strings to dry.

I had never seen tobacco grown before, so this is a very new and interesting type of farming to me. It is very difficult to raise and requires practically all hand labor. The tobacco must be transplanted in the spring, cultivated by hand, picked 5 times during the season, the leaves strung by hand, and dried for about 12 days before it is ready. The people have to work long hours in the season when they are picking the leaves. The days are so hot the leaves have to be picked early in the morning and late in the evening.

While I was in Karditsa I was able to visit one of the new Young Farmer's Clubs that are being started in Greece. These clubs are being patterned after the 4-H Clubs of America. However, this is absolutely such a new and revolutionary change in the old Greek customs it is very difficult to start. It is very difficult to convince farmers that their children should be given a little land or some animals for a project, especially when they have so little themselves. One way has been worked out by some villages so the people of the community have given the whole club a certain amount of land to farm.

This particular club had been given 10 acres to farm, and they had done a very good job with it. They had planted part of it to sesame and the rest to an American variety of hybrid corn. It is really a model farm and the people of the community are now really sold on the club. They now have a membership of about 40 young boys. They are all very nice fellows and were very interested in how the young people of America live and all about 4-H Clubs.

It made me very happy to be able to tell them as much as I could about our life in America, and we spent all evening talking about it and their own club. I really feel these youth clubs can do more towards improving the future agriculture of Greece than any other one thing that they are doing here now.

—Daniel Petracek.

### Increase in Shorn Wool Production

Shorn wool production in Kansas for 1952 is estimated at 3,975,000 pounds by Kansas State Board of Agriculture and the U. S. Bureau of Agricultural Economics. This total compares with 3,785,000 pounds in 1951 and 10-year (1941-50) average of 4,436,000 pounds. Average fleece weight is estimated at 8.3 pounds for 1952, was 8.6 pounds in 1951, and 8.3 pounds for 10-year average.

Ten per cent more sheep were shorn this year (479,000 head) compared with 435,000 in 1951, and 532,000 for 10-year average.

### Three Girls Win College Scholarships

Two winners of Sears Roebuck \$100 college scholarships for schooling this fall include Gladys Fox, Burden, and Twila Hodel, Peabody. Winner of a \$200 Kroger college scholarship is Rachel Schoneweis, Miltonvale. The girls will study home economics at Kansas State College.



"Don't you ever play anywhere besides the sandbox?"



## DEARBORN REAR MOUNTED LOADER

*... favors your back and budget!*

The new Dearborn Rear Mounted Loader is unbelievably low priced. It lifts as much as 460 pounds as high as 6 feet. Weighs only 339 pounds assembled. Can be attached or removed in only 5 minutes, after original installation on the Ford Tractor. Works under low ceilings; adds traction, too! See what a saver of money and muscle this practical loader is, teamed with Ford Tractor Hydraulic Touch Control. This loader solves your manure handling problems and when equipped with a material handling plate, sold separately, handles many other farm materials.



## Leave this loader on... and spread with THE DEARBORN MANURE SPREADER!



Leave the Dearborn Rear Mounted Loader on the Ford Tractor. It lifts out of the way for fast, easy hitching to the new Dearborn Manure Spreader. Then—even on soft or hilly land—you can take the full strength daily manure of up to 25 cows to the field in one load, with this light running spreader! The stout box of welded 16 gauge ingot iron "stands" only 36" high, for easy loading. Choose from 5 feeding rates giving a range of from 4 to 40 loads per acre; pulverize and spread evenly. Self-locking stand, operated from the tractor seat, saves your back.

SEE YOUR FORD TRACTOR DEALER SOON!

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Birmingham, Michigan

National Marketing Organization for the Ford Tractor and Dearborn Farm Equipment



*Ford Farming* MEANS BETTER WORK  
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## Have You Farm Machinery for Sale?

A Classified Ad in KANSAS FARMER will do the Job.  
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### Western Land Roller PUMPS FOR IRRIGATION

CENTRIFUGAL and TURBINE

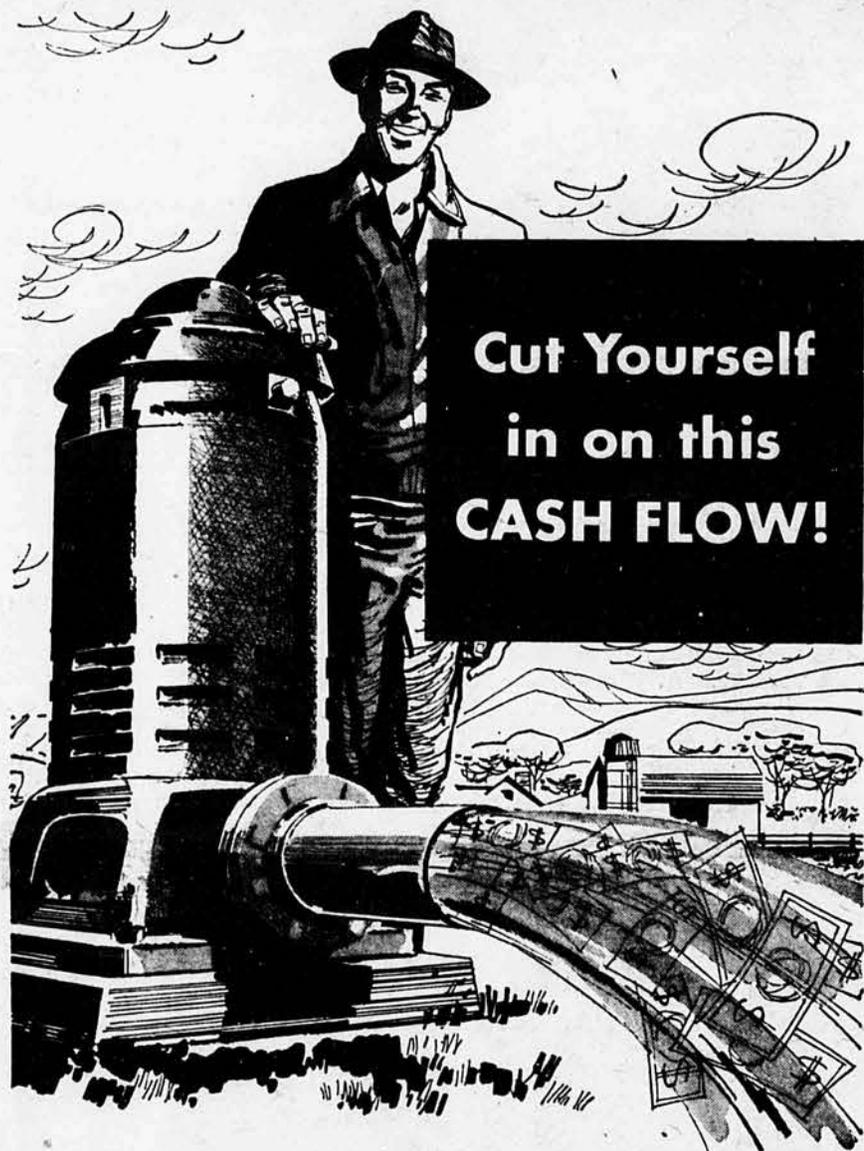
AVAILABLE WITH Direct Connected Electric Motor, Flat or V-Belt Drive or Right-Angle Gear Drive

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**Western Land Roller Co.**  
HASTINGS, NEBRASKA

ANY CAPACITY  
300 TO 2500 GALLONS PER  
MINUTE, AND ANY LIFT FROM  
10 TO 300 FEET





**Cut Yourself  
in on this  
CASH FLOW!**

This pump is pumping profits for you—profits from a greater increased yield. Thanks to the Fairbanks-Morse Vertical Deep Well Turbine Pumps... the Pomona line... you're always sure of irrigation water and only as you need it. That present non-irrigated acreage can come under this profit flow, too!

The control is entirely with you—a surer, more efficient water supply and just where you want it. And it is surer because all Fairbanks-Morse Pumps are dependable... you won't have any costly breakdowns just when you need your pump most. You see, all steel parts subject to corrosion are protected by "Fairmortecting," a rust-repelling process developed in their laboratories and used on the shaft and shaft coupling of the pump, meaning longer life and better service... and more profit flow.

So check now on America's finest pumps—both water and oil-lubricated... check your Fairbanks-Morse Pump Dealer for real dependability in an irrigation pump. Also talk over your irrigation problems with him—he's a competent irrigation man. Fairbanks, Morse & Co., Chicago 5, Ill.



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HOME WATER SERVICE EQUIPMENT • RAIL CARS • FARM MACHINERY • MAGNETOS

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# Thoughts TO LIVE BY

## "The Test of Time"

AS HAS BEEN SAID previously, the complete Revised Standard Version of the Bible was made available September 30, 1952. Sponsored by the National Council of the Churches of Christ in the U.S.A., it is indeed an authorized version. Behind it there is history that may be of interest to many people.

The Old Testament was written in Hebrew and the New Testament in Greek. Unfortunately, the original manuscripts have been lost. But before they were lost, they were fortunately copied and recopied many times. Some of these old copies have been found and are now available to Biblical scholars. Codex Vaticanus is one of these old manuscripts.

In the 4th century, Jerome translated the Hebrew Old Testament and the Greek New Testament into Latin. Because Latin was so commonplace, it seemed like a vulgar vehicle for the sacred scriptures, so his translation became known as the Latin Vulgate. For a thousand years, it was the Bible.

Gradually, the common man turned from Latin to national languages. Latin remained the language of the scholars, but there were many people who were not scholars. For their benefit, Psalms and other choice passages were paraphrased. This was done as an aid to teaching.

In the 14th century, Wycliffe translated the entire Vulgate into English. There were many handwritten copies of his translation. He was followed by Tyndale whose purpose it was to make the Bible available to the boy behind the plow. He translated some of the Biblical books from Hebrew and Greek into English. This great soul was strangled and burned at the stake.

Using the translations of Tyndale, Miles Coverdale published the first printed Bible in English. His version of the Psalms still appears in the Book of Common Prayer. It was followed by other versions such as the Bishop's Bible and the Geneva Bible. The latter with its explanatory notes was the Bible of Shakespeare, Cromwell and Milton. The division into chapters, paragraphs and verses developed. And the apocraphal books gradually disappeared from Protestant Bibles. In 1611, King James authorized the printing of a Bible that bears his name. According to someone's count, it was the 11th English Bible. It was revised in England in the latter part of the 19th century and in America in the early years of the 20th century. Because many manuscripts, older than those available in the days of King James have been discovered, and because some words no longer mean what they did in the 16th century, new translations have appeared in number, such as Moffatt's translation, and Weymouth's, Williams', and Goodspeed's New Testaments.

Now comes the Revised Standard Version which is listed as the 5th authorized version in English.

Roman Catholics, who are placing greater emphasis upon the Bible than in former years, are also bringing out a new version. It will take the place of the English New Testament published in Rheims in 1582 and the Old Testament published in Douay in 1609.

The Bible is a book that has passed the test of time as well as the test of translation. With these new versions coming out, this should be a great year for the Bible.

—Larry Schwarz.



**Dwight Hull SAYS . . .**

## If We Co-operate With Nature We Will Reap Rich Rewards

RECENTLY WE visited O. P. Williams on his irrigated farm a few miles west of Ulysses, in Grant county. I went to Ulysses primarily to attend Grant County Fair and assist a group of dairy farmers in organizing a breeders association for the Southwest district. However, I had heard enough about irrigation from wells in this part of the country I was curious. Inquiring about this project I soon was introduced to Mr. Williams, who offered to go with me to his farm. So began a very interesting afternoon.

You have had a little rain here? That was about my first question of Mr. Williams as we proceeded to drive the 12 miles northwest from Ulysses to the farm. "Yes we had .70 of an inch night before last but that is all we have had since April," was his reply. Yet we were already driving by extremely good looking fields of alfalfa, milo, brome grass, sorgo and other field

crops. With some amazement I said then all these good crops have been irrigated? "Oh yes, it was too dry for seed to sprout this spring where it wasn't irrigated," commented Mr. Williams.

He then began pointing out the various irrigation wells and we were soon standing by one on the Williams place. It had a 125 H. P. motor, running on natural gas for fuel, driving a turbine pump, lifting out of the well into the irrigation ditch enough water to fill an 8-inch casing. Our memory is short so do not remember the exact gallons per minute the pump delivered. But according to Mr. Williams there was enough water to irrigate, under good management, 200 acres, and that meant much more to me than number of gallons per minute.

I learned these wells are from 300 to 400 feet deep. A well is dug 30 inches

(Continued on Page 21)



### HOUSEWIFE LEARNS TO FLY PIPER IN DAY AND A HALF

The morning after her first flight lesson Mrs. Jeanne Vultz of Miami, Fla., flew solo in the remarkable Piper Tri-Pacer. That's how easy it is to fly this four-passenger, two-mile-a-minute airplane so popular on farm and ranch.

And that's why you'll find a Piper so safe and easy to fly and so useful for many business and pleasure trips. When you fly your own Piper you'll understand why farmers like A. S. Neel (below), of Little River, Kansas, figure a Piper gives them an extra month each year.



### TRY A FLIGHT DEMONSTRATION

Why don't you try a flight demonstration and see for yourself how the exclusive simplified controls and tricycle landing gear of the Piper Tri-Pacer make flying so safe and simple today? Your Piper dealer can probably land right on your own farm to show you. Contact him or write Piper Aircraft Corp., Lock Haven, Pa., for dealer's name and FREE literature on Piper planes. Just write Dept. 10-KF.



**PIPER**  
AIRCRAFT CORPORATION  
Lock Haven, Pennsylvania



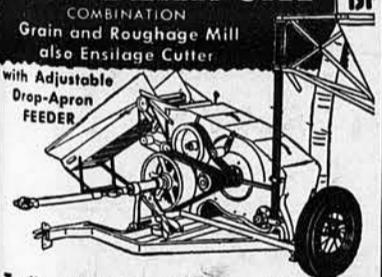
**EASY ROLL WIRE WINDER**

- Rolls or unrolls wire.
- 80 rods in 3 minutes.
- Only one reel required.
- Write for full details.

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**New BEAR CAT**  
COMBINATION  
Grain and Roughage Mill  
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with Adjustable Drop-Apron FEEDER

Trailer Mounted for Power Take-Off. Furnished either with or without drop apron feeder and power take-off with trailer as shown. Grinds any feed, green, wet, or dry, snapped or ear corn, roughage, bundles or baled flakes, with ordinary farm tractor, — no monkey business. Has both cutter knives and heavy swing hammers. Get full information on this real honest-to-goodness Grinding outfit. Four sizes available.

### also a BEAR CAT Tractor Hoist



The handiest and most practical lift you have ever seen or used for dumping corn or grain wagons, unloading and loading machinery, pulling out fence posts, stretching wire, lifting heavy objects, and a thousand and one other farm jobs. Simple in construction, quick to attach and detach. For tractors equipped with hydraulic pumps. Light in weight, leave on tractor. Does not interfere with take-off drive or hitch.

For full information about either Bear-Cat product described here and name of dealer nearest you — Write us today. No obligation. Western Land Roller Co., Dept. 132 Hastings, Nebraska—Manufacturers

in diameter and an 18-inch casing is placed in the hole. Space between casing and side of hole is packed with pebble gravel. The water supply, once it is tapped, seems inexhaustible as these people start their pumps early in spring and keep them running 24 hours a day thru summer.

Mr. Williams described various steps necessary to get water onto the crop. Preparing land for irrigation they use an implement called a land leveler; altho the whole outdoors there looks as level as a dining room table. If the field is to be used for alfalfa or brome grass or some crop that is sowed, they construct ridges thru the field about every rod or rod-and-a-half apart. These ridges they call borders, but look a good deal like plowed back furrows. Purpose is to help control the area to be irrigated or flooded at one time.

Main irrigation ditches run along the side of the field and once constructed are never disturbed except for maintenance. Ditches crossing a field to carry water from main ditches are constructed by a ditching machine attached to a tractor. Water is let out into the field from the secondary ditches simply by taking a spade and cutting a hole in the ditch.

### How Much Work?

But doesn't irrigation require a tremendous amount of work? we inquired of Mr. Williams. "Well, some people seem to think it does, but we try to do it the easy way. We go out an hour or so in the morning and about the same in the evening and change the water, as it takes about 12 hours to cover the area we let the water into," was his reply.

We walked into the 110 acres of irrigated brome grass pasture where Mr. Williams was pasturing 125 registered Hereford cattle, and this was their entire pasture supply for the year. The cattle were in excellent condition and I never saw a thicker, nicer stand of brome grass with plenty of top growth. "We get about 7 months pasture from our brome grass," said Mr. Williams, "but the unusual thing about it is it doesn't go thru a dormant period in summer as it does in your country. If we keep watering it, it stays green all summer."

I learned that in 1940 there were 2 irrigation wells in Grant county and now there are various estimates of from 125 to 200 wells. This is despite the fact it costs from \$10,000 to \$11,000 for a well, equipped to operate; also that the area where these wells can be successfully dug is pretty well defined between Bear Creek on the north to the Cimarron on the south, and from Ulysses on the east to Johnson, in Stanton county, west.

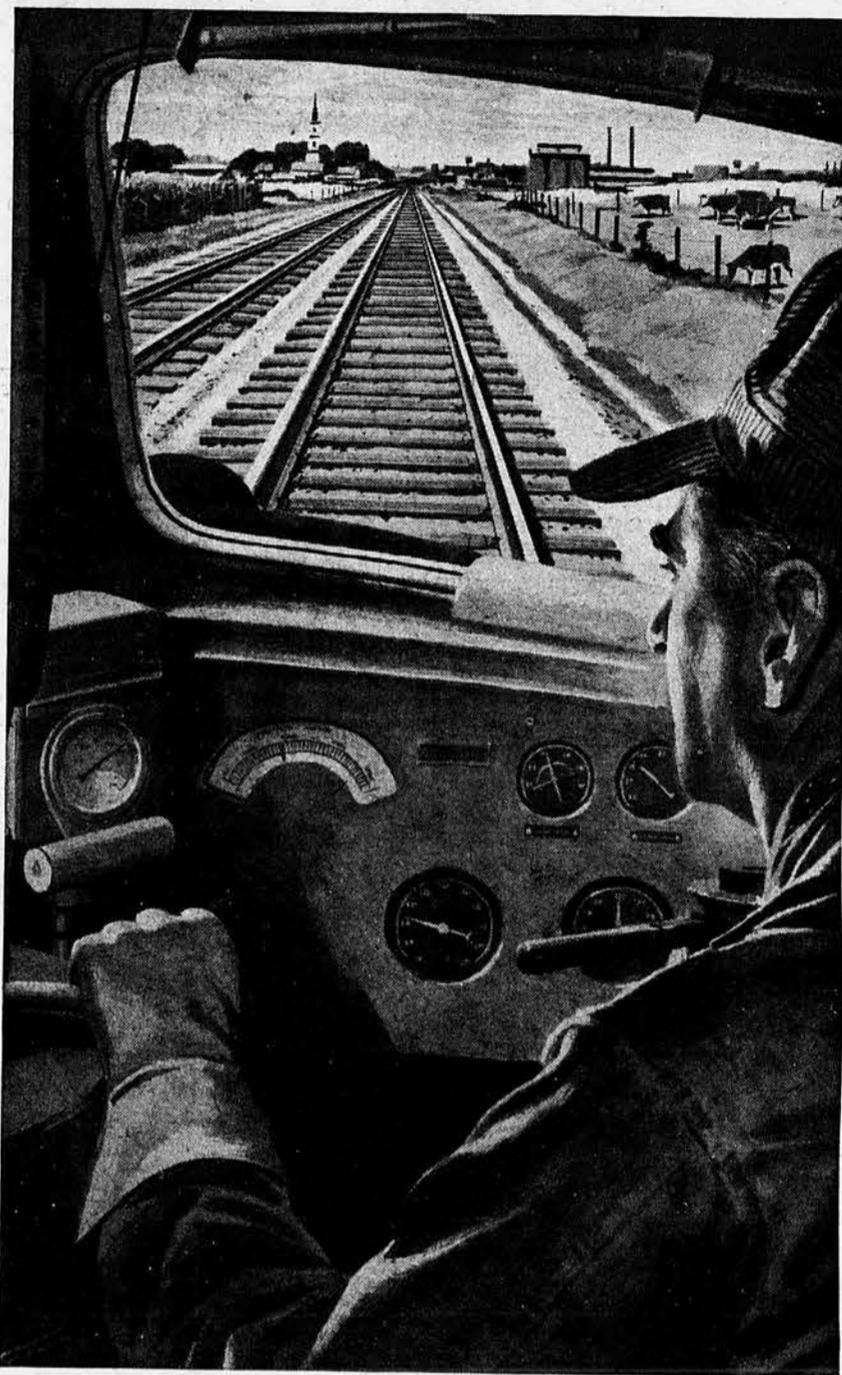
### Enthusiastic About Irrigation

Farmers I talked with all seemed enthusiastic about irrigation, despite the fact the investment seemed pretty high to me.

H. H. Brown who lives near Big Bow, says, "We count on getting 10 tons of alfalfa per acre when we irrigate."

V. E. Ruth, of Johnson, says, "Irrigation means we are assured of feed for livestock and can count on building up our livestock program. This is not possible in this country where we depend upon rainfall."

Here then is virtually a garden spot in what once was considered a worthless dust bowl. The big lesson we seemed to get from this is how important it is that man learns to cooperate with nature in his struggle for existence. Here nature has provided soil and topography of land that is ideal for irrigation, it also provided a never-failing water supply and natural gas as a cheap source of power. It seems strange it has taken man so long to discover and use these natural resources. We believe man's ultimate success in producing enough food for the growing millions of people depends upon his ability to discover nature's secrets and co-operate with them. Our failures have come when we disregarded nature and have tried to make nature over to suit us.—Dwight E. Hull.



## THRIFTIEST road to market!

During this harvest season and all through the year farmers find farm-to-market roads mighty important. And there is a special kind of farm-to-market road which is particularly important to farmers — the steel highways of America's railroads.

It is over these steel highways that most crops reach the nation's widespread markets — more than 1,500,000 carloads of grain alone this year, for example. And over these railroads are assembled and delivered the machinery, the fertilizer, and the other supplies farmers need, and the raw materials and fuel that go into their making. Over these steel highways more tons of freight are moved more miles than by all other means of transportation combined, and at a lower average charge than by any other general transportation service.

And the more these steel highways are used for the nation's freight, the less will be the wear and tear of heavy loads on the public highways, and the lower will be the cost to the taxpayers of building and maintaining them.

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Available from all Ford Dealers and selected independent garages who display this sign.

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- Factory-tested and operated: 10 ft. hose and regulator attached with fitting that screws into gas supply valve. **MAKE YOUR OWN INSTALLATION.**
- Removable blow torch burner lights outside heater and is inserted in heater to heat water. Burner may be used outside heater for thawing cars, tractors and pipes, for soldering and other uses.
- This perfected gas tank heater is simple to install in ANY stock tank, easy to light and operate and easiest of all to service. Five year Free Factory Service Guarantee.
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- **SELF-SINKING** Cast iron, with galvanized chimneys and cast aluminum covers. Weight 43 lbs.
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- **ECONOMICAL-EFFICIENT.** Pilot operates 8 weeks on 100 lbs. LP gas; main burner 3 hours per lb.
- **COMPLETE** with large regulator for LP gas—\$54.95. Without regulator, or for Natural Gas—\$49.50.

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## "COW GIRL" TANK HEATER



USES ANY GAS



## Vocational Agriculture

By HELEN ANKENY



KANSAS FUTURE FARMERS will be well represented at the 25th National Convention of Future Farmers of America, October 13 to 16 at the Municipal Auditorium, Kansas City, Mo.

Official delegates will be Billy Ray James, Clay Center, state president, and Darrell Gartrell, Stockton, immediate past state treasurer. Alternates named are Gary Neilan, St. Francis, state treasurer, and Kermit Case, Little River, state reporter. They will sit in on all business meetings and will have an important part in all business.

Three hundred sixteen outstanding Future Farmers of America are candidates for the organization's highest degree, that of American Farmer, at this convention. This is largest number ever recommended in 25-year history of the organization. Each winner will receive a certificate and a gold key from the FFA organization and a \$50 check from the FFA Foundation, Inc. Four of the 316 American Farmers will be designated Regional Star Farmers and one will be named Star Farmer of America.

Attainment of the American Farmer degree is based on the boy's achievements in his supervised farming program, leadership and citizenship. Only one FFA member in a thousand in a

state association may receive the degree in any one year.

Kansas candidates for the degree are Deryl F. Carswell, Alton, and Phillip P. Pratt, Hoxie. With the other American Farmer candidates, Carswell and Pratt have been approved by the National FFA Board of Directors and Board of Student Officers.

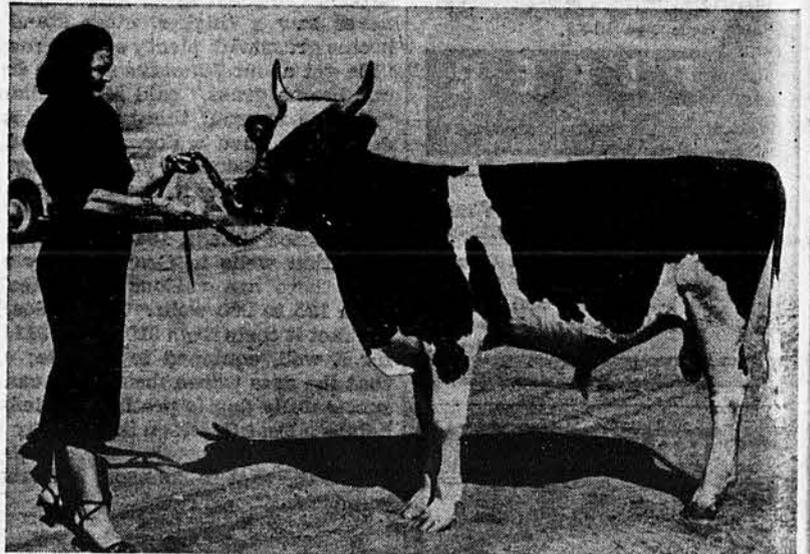
Deryl Carswell, son of Mr. and Mrs. Jay L. Carswell, Alton, and graduate of Alton high school, May, 1951, is 20 years old. He has had 4 years of Vocational Agriculture, and has a total net worth of \$7,959.31. May 1, 1952, he owned 10½ head of registered Hereford cattle, 14 head of Hampshire swine, had 100 acres seeded to wheat, 20 acres to clover, and 7 acres to oats.

He was a member of the Alton state FFA judging team in 1950-51 and has participated in local, and district judging contests. While in high school he was a member of the Hi-Y, boys club and mixed chorus; earned 4 letters in football, one letter each in basketball and baseball. His Vocational Agriculture instructor is Robert Barnes.

Phillip Pratt, son of Mr. and Mrs. James E. Pratt, Hoxie, is 20 years old and graduated from Hoxie high school

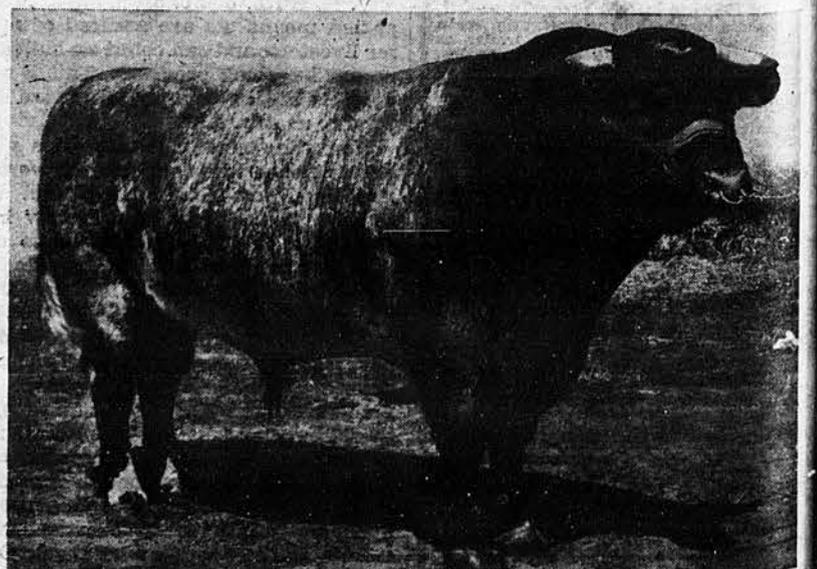
(Continued on Page 23)

## GRAND CHAMPION AYRSHIRE BULL



MRS. W. S. WATSON, Hutchinson, poses with Ayrline Modish Guy, grand champion Ayrshire bull at Kansas State Fair. Mr. Watson also showed the grand champion female in Ayrline Royal Girl.

## A GRAND CHAMPION BULL



GRAND CHAMPION Milking Shorthorn bull at Kansas State Fair was Fox's Roan Prince, shown by John Garetson, Copeland.

May, 1950. He has total net worth of \$3,026.62. At time of his application for American Farmer degree, he had 26 Hereford cows with 14 calves, 3 Hereford heifers, 12 steers, 1 registered Hereford bull, 32 fattening hogs, 12 registered sows, 30 acres of growing wheat, also 70 acres of growing wheat in partnership with his brother, 35 acres planted to corn, 37 acres to silage feed, 10 acres of summer-fallow in partnership with brother, and 53 acres of hay. He has served as president and sentinel of his local FFA chapter, was member of Hoxie FFA state judging team in 1949, member of Hoxie 1950 state farm mechanics team, is a life member of the United Duroc Record Association, life member of the Kansas Livestock Association. In high school he was a member of the track team 4 years, football team 4 years, and basketball team 4 years. Pratt had 4 years of Vocational Agriculture in Hoxie high school under supervision of Willard Barry, former instructor. Frank Hutchinson is present instructor at Hoxie.

Playing in the famous national FFA band, conducted for the last 5 years by Mr. Henry S. Brunner, of Pennsylvania State College, will be 7 Kansas Future Farmers. They are: Sam Graham, Kiowa; Sam Peppiatt, Ellsworth; David Grey, Riley; John Bircher, Ellsworth; Leve Ahrens, Mankato; Benny Brent, Alton, and Altis Ferree, Yates Center.

Members of the band will remain in Kansas City, following the FFA convention, October 16, and will participate in the American Royal parade, Saturday, October 18.

Seven Kansas Future Farmers have been selected to sing in the national FFA chorus at the national convention. They are: J. W. Van Blaricum, Minneola; Gerald Stocker, LaCygne; Galen Morgy, Centralia; Robert Raines, Louisville; Bob Miller, Kiowa; Ralph Gerald Silver, Lyndon, and Delmar Pfortmiller, Natoma. Raymond Mabry, Little River, is pianist.

All members of the band and chorus will wear uniforms of a blue cap and jacket with white trousers. Future farmers from all parts of the United States will make up the personnel.

Adult FFA leaders who will attend the FFA convention include L. B. Polm, Topeka, state FFA adviser; A. P. Davidson, state FFA executive adviser; L. F. Hall, state executive secretary; Loren Whipps and Howard Bradley, Kansas State College, Manhattan.

The Beloit Future Farmers' wheat test plot has been made into a 1/2-mile dirt race track by the Mitchell County Fair Association. Fifteen Beloit Future Farmers have been assisting the Beloit association members in selling association stock in the county fair. This was done so the 2,000-seat stadium and race track could be built. The chapter put 16 gallons of paint on the stadium and later will put 14 more gallons on it. Beloit FFA chapter donated \$85 for the lighting system in the new junior cattle barn at the fairgrounds, also donated a day's labor putting shingles on roof.

Alvin House, new Vocational Agriculture instructor at Randolph, painted the shop tool boards and shop equipment in the Randolph Vocational Agriculture farm shop this summer, and obtained for the shop new hand tools, a heavy-duty floor grinder, a bench grinder, a new oxy-acetylene outfit and new paint spraying equipment.

Members of Little River FFA chapter and their advisers sprayed 21 blocks of alleys in Little River with DDT for control of flies. This was a community project. Little River Future Farmers, Milton Kohrs, instructor, have entered the 1952 national chapter contest. Winfield FFA, Ira Plank and John Lowe, instructors, also have entered. Kansas has a top representation.

On the average...

# 100 Hy-Lines

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## LAY AS MANY EGGS AS 127 OTHER CHICKENS



**Hy-Lines LAY MORE EGGS with LESS Feed Cost**

### That's the Egg Producing Advantage of Hy-Lines over Other Chickens

—proven in divided flock tests made by 417 farmers. These farmers — in 11½ months — gathered an average of 190.2 eggs per Hy-Line layer housed, and only 149.3 eggs from their other chickens. This means **100 Hy-Lines** produced as many eggs as **127** standard-breds and crossbreds—decisive proof of Hy-Lines' great profit-making advantage. See the table below.

Number & Kind of Chickens	Average Eggs Per Bird Housed	TOTAL EGGS
100 HY-LINE HYBRIDS	190.2	19,020
127 STANDARD-BREDS & CROSSBREDS	149.3	18,961
<b>27 FEWER HY-LINES</b>		<b>40.9 MORE EGGS per BIRD</b>

### Hy-Lines Reduce Feed Cost \$1.69 to \$2.39 per case of eggs

Fifty-three farmers wanted to know if Hy-Lines utilized feed more profitably than other layers. So they conducted feed comparison tests between Hy-Lines and other chickens in 1951-52. At the end of six months of lay, they reported their Hy-Lines had consumed 37½ to 53 lbs. less feed per case of eggs. At 4½¢ per lb. (average price of grain and mash) the feed cost per case of eggs for Hy-Lines was \$1.69 to \$2.39 LESS. The table below shows the results:

Kind of Chickens	Hen-Day Production	Lbs. Feed Per Case of Eggs	Feed Value at 4½¢ Per lb.
<b>1</b> HY-LINES vs. LEGHORNS	68.4%	172.5	\$7.76
<b>HY-LINE ADVANTAGE Over Leghorns</b>	11.7% Higher Rate of Lay	37.5 lbs. less Feed	\$1.69 Lower Cost
<b>2</b> HY-LINES vs. HEAVY BREEDS	69.3%	155.1	\$6.98
<b>HY-LINE ADVANTAGE Over Heavy Breeds</b>	13.5% Higher Rate of Lay	53.1 lbs. less Feed	\$2.39 Lower Cost
<b>3</b> HY-LINES vs. CROSSBREDS	68.5%	173.1	\$7.79
<b>HY-LINES ADVANTAGE Over Crossbreds</b>	10.1% Higher Rate of Lay	39.3 lbs. less Feed	\$1.77 Lower Cost

### EARLY ORDER DISCOUNT SAVE MONEY!

Place your order for 1953 Hy-Line Chicks by October 15th

Save money by taking advantage of our early order discount offer. Simply place your 1953 Hy-Line Chick order by October 15th. A small deposit books your order now and reserves your chicks for the date you prefer.

We save money when we can book orders and plan hatches in advance of our busy hatching season. We are glad to share this savings with our customers.

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**Kansas Youths Place Highest In National Arc Welding Contest**

KANSAS FARM YOUTH entries in the 1952 \$7,000 Arc Welding Award Program of the James F. Lincoln Arc Welding Foundation, Cleveland, O., ran off with the lion's share of the prizes—\$2,200. California was 2nd, Wisconsin 3rd.

Winner of \$400 second award was Donald Moore, Copeland. He described a homemade modern feeding system for handling ensilage to the large herd of cattle on his father's farm. A \$400 award also went to his school, Copeland Rural High School.

**Schools Share in Prizes**

Winner of a third award of \$200 was Billy Ray James, R. 5, Clay Center. He described an all-purpose cattle squeeze. His school, Clay County Community High School, also received a \$200 award, as well as 2 \$100 awards for winning entries by Donald Fritz and Jim Debenham. These boys each won \$100, Don for describing a power posthole digger and a drill press stand and steel post driver, and Jim for a paper on a combination loading and dehoring chute and animal trailer. Delmar Hanson, R. 2, Chanute, won a fourth award of \$100 also, for telling how he made a 2-wheeled utility trailer. His school, Chanute High School, also won \$100.

Winners of fifth awards of \$50 each include: Veryl James, Clay Center, Clay Community High school, loading chute; Charles C. Hardenberger, Jr., Haddam, Haddam Rural High School, mobile arc welder; Dean Jensen, R. 2,

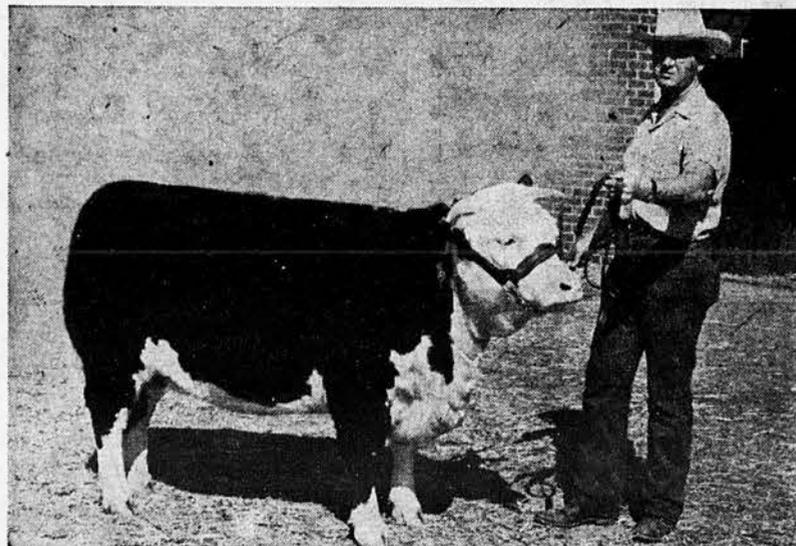
Concordia, Concordia High School, dehoring chute, fence roller, bull dozer, hog oiler and sickle grinder; Art Kranz, Haven, Haven Rural High School, cattle squeeze and power lawn motor; Glenn R. Bauck, Vassar, Lyndon High School, tandem wheel tractor, implement and hay trailer.

Winners of sixth awards of \$25 each include: Gary Chaffee, Green, Clay County Community High School, portable-type weed sprayer; Jerry Savage, Barnes, Barnes High School, heavy-duty drill press; Ray Bontrager, R. 2, Haven, Haven High School, gas tank stand for 2 tanks; Donnie Lee Castens, Ludell, Atwood Community High School, garden tractor; Ralph Gillmore, R. 1, Cedar Vale, Cedar Vale High School, loading chute; Anton B. Strassus, R. 2, Manhattan, Manhattan High School, farm elevator.

**Halloween Program**

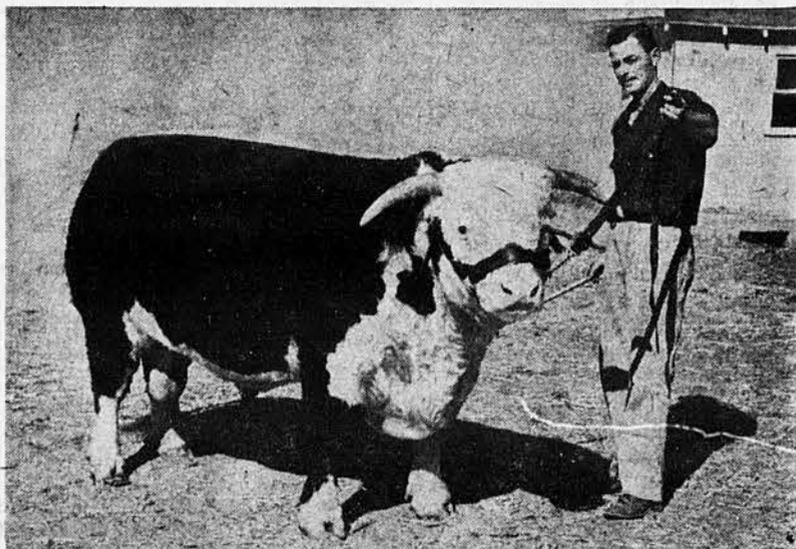
Let us suggest for your school or club program for Halloween, the leaflet, "The House Was Really Haunted." It is a 2-scene playlet, requiring 10 characters besides a group of folks needed to be guests and take part in the program. It is interesting to old and young. Write Entertainment Editor, *Kansas Farmer*, Topeka. Price 5c a copy, or 10 copies for 25c. Your order will get prompt attention.

**GRAND CHAMPION HEREFORD FEMALE**



CK CORA KAY 2nd, owned by CK Ranch, Brookville, was declared grand champion Hereford female at Kansas State Fair. Delbert Sigle, a CK ranch employee, holding.

**GRAND CHAMPION HEREFORD BULL**



FOSTER FARMS, Rexford, showed this bull, F. F. Alpine C 29th, to the grand championship in the Hereford show at Kansas State Fair. Herdsman Dale Morton holding.

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## Marketing Viewpoint

LEONARD W. SCHRUBEN, Feed Grains  
C. P. WILSON, Livestock

What do you expect soybean prices to do this year?—M. B. C.

Generally speaking, we feel soybean prices will remain fairly strong throughout the next marketing season, primarily because of large livestock numbers and other feed demands. We do expect some sell-off during harvest rush, however, since the seasonal for soybean prices has displayed exceptional strength. We expect some seasonal declines this year. Actually we have been seeing some drop in prices as a result of the unusually favorable crop expectations. Altho the crop isn't expected to be quite as large as last year's, for the U. S., the Kansas crop is expected to be quite a bit larger. As you know, most of the price movements over the next month and a half will be dependent upon harvest conditions.

Do you think prices of replacement cattle are going to get any lower?—W. S.

Prices of most kinds of replacement cattle probably will not get any lower this season. Runs of grass cattle have been heavy and peak of the movement probably is past. Shortage of feed in the Southern Plains and the South is already reflected in the market. The central and northern Corn Belt will soon be harvesting a large crop of excellent-quality corn and feeders in those areas will probably become more aggressive buyers of replacement cattle soon. This probably will strengthen the demand and prices for replacement cattle a little later in the fall.

Lamb feeders lost a lot of money last year on lambs purchased in the fall and fed for a January or February market. What is the outlook for this year?—D. P.

Feeder lamb prices in late September were nearly \$10 per hundredweight lower than a year earlier. Demand has been light, because (1) feeders lost money last year, (2) fat lamb prices are lower than in the last 2 years, and (3) the feed supply particularly wheat pasture, in the Southern Great Plains is short. Fat lamb prices in January and February may not be any higher than last year. But with feeder lambs \$10 lower there is a good possibility for a positive feeding margin rather than the large negative margin such as last year.

### Back in Business Better Than Ever

A spirit of "never say die," has just paid off again for the New Holland Machine Co., of New Holland, Pa. In July, 1951, the company's southwest regional office and branch warehouse in Kansas City was wiped out by the great Kaw river flood and an accompanying fire.

Undaunted, the company found a new site and on September 15, 1952, opened its new building, which is better equipped than ever to service customers in its 6-state area.

"Coming up off the floor" is nothing new for this young, but aggressive company. Twelve years ago New Holland was little more than a machine shop and employed only 45 workers. Today the New Holland organization has men and women serving farmers thruout the world. New Holland products are used in more than 40 countries and the company has grown in the 12 years to become one of the 10 largest farm machinery manufacturers in the United States.

W. J. Browning, regional manager, says: "New Holland has been built from the beginning on the firm belief that making quality farm machinery in itself is not enough. New Holland believes it must be a good neighbor, a good friend and a good employer."



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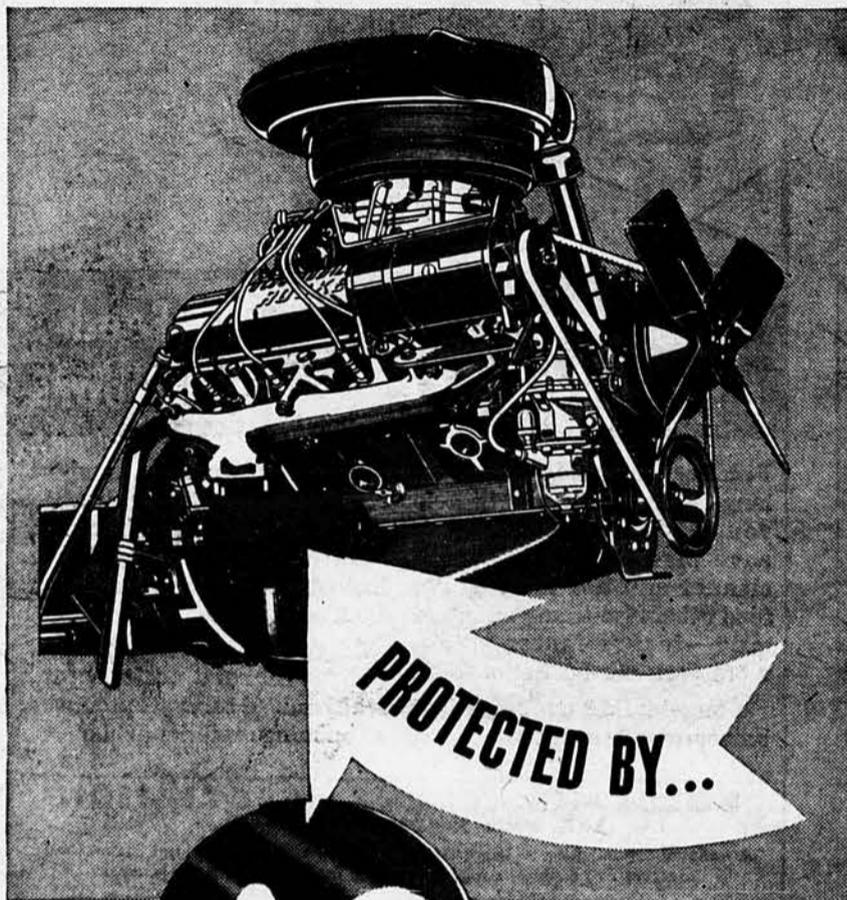
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All types and sizes of farm buildings, including double garages. Write for information and prices today. Order now. Immediate delivery.

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## COMING EVENTS

- October 5-11—National fire prevention week.
- October 6—Mitchell county, outlook meeting, Beloit.
- October 7—Thomas county, district outlook meeting, Colby.
- October 7—Rush county, land judging school.
- October 7—Johnson county, clothing and textiles leader training meeting, "The Well Groomed Family," with Christine Wiggins, KSC, Olathe.
- October 8—Hamilton county, fall outlook meeting.
- October 8—Labette county, greener pastures recognition program banquet, Oswego Community Building, 7 p. m.
- October 8-10—4-H Fat Stock Show, Wichita.
- October 9—Crawford county dairy tour, with Ralph Bonewitz, KSC Extension dairyman.
- October 9—Labette county beef tour.
- October 9—Cheyenne county, land judging school.
- October 9—Jewell county, fall field day, North-Central Experiment Field, Mankato.
- October 10—Johnson county, farm buildings tour, with Leo Wendling and Raymond Everson, KSC specialists.
- October 10—Republic county, fall field day, North-Central Experiment Field, Belleville.
- October 10-12—Barber county, Medicine Lodge Indian Peace Treaty Pageant and Celebration, Medicine Lodge. This celebration is held every fifth year.
- October 17—Finney county, Kansas and Oklahoma section of range management, Garden City.
- October 17—Jefferson county, unit leaders lesson on "Music Appreciation."
- October 17—Kansas Farm Bureau meeting, election and dance, Topeka, Municipal Auditorium.
- October 18-25—American Royal Livestock Show, Kansas City.
- October 20-24—40th National Safety Congress and Exposition of the National Safety Council, Chicago.
- October 23—Washington county, planning farm windbreak plantings, with Paul Collins, KSC specialist.
- October 23—Rawlins county, livestock and veterinary school.
- October 23-November 1—National Apple Week.
- October 27—Osage county, home economics advisory committee meeting.
- October 28—Barton county annual Farm Bureau dinner meeting, Great Bend, St. Rose torium.
- October 28—Johnson county, home management leader training meeting, subject, "Computing Income Tax." Steve Love, KSC speaker, Olathe Legion building.
- October 29—Anderson county, soil judging school, Garnett.
- October 30—Linn county-wide beef tour.
- October 31—Anderson county, beef tour, nett.
- November 1-9—National 4-H Achievement week.
- November 8—National 4-H Achievement November 9-15—American Education Week
- November 10—Barton county 4-H deer steer show, Great Bend stockyards.
- November 12—Russell county, income school for all farmers.
- November 12-21—National Grange, 86th session, Rockford, Ill.
- November 13—Cheyenne county, annual Extension council, St. Francis, court
- November 20—Jefferson county, Extension council annual meeting.
- November 20—Labette county, annual Extension council.
- November 21—Ellsworth county, annual Extension council.

### Statistician Moves

Rex Butler, agricultural statistician with the U. S. Bureau of Agricultural Economics office in Topeka, has moved to Falls Church, Va., where he will be in the Washington, D. C., office of the USDA branch.

### Free Fair Remodels Building

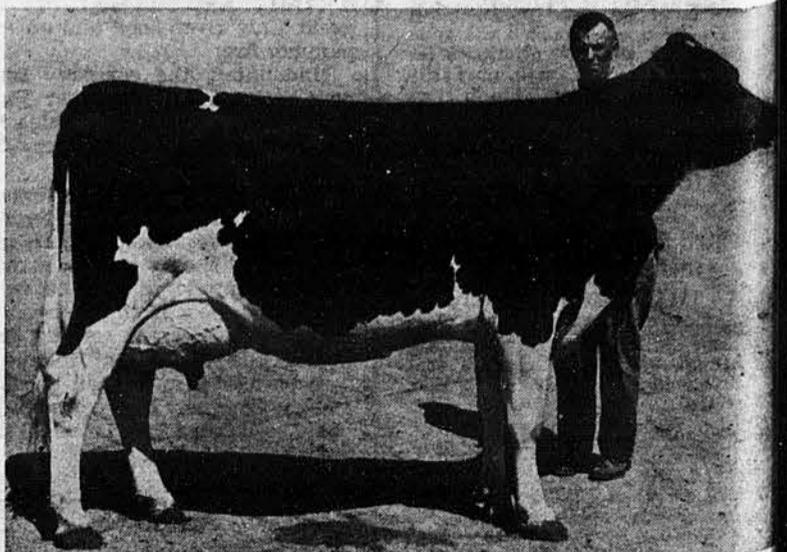
Kansas Free Fair exhibition building is being remodeled and enlarged. The old wood section at the west end of the large structure will be torn out and a new brick and metal addition constructed. Cost of improvement will be about \$33,000.

### GRAND CHAMPION JERSEY FEMALE



REGINA NOBLE JUNE, shown by J. Lawrence Byler, Wellington, was judged grand champion Jersey female at Kansas State Fair.

### GRAND CHAMPION HOLSTEIN FEMALE



JOHN HEERSCHÉ, of Heersche Brothers, Mulvane, proudly poses with Heersche Smoky Sarah, grand champion Holstein female at Kansas State Fair.

KANSAS STATE UNIVERSITY LIBRARY

# Always Fresh From the Well

(Continued from Page 16)

with its thermostatic control keeps the water at exactly the temperature desired. Since livestock make frequent visits to the tank, really the water in the small tank gets little chance to drop many degrees, and usually the consumption of electricity for heating is not excessive.

Simplicity of the heating unit makes one wonder why it was not developed sooner for use in stock waterers. Fastened to the bottom of the tank in a well-insulated compartment not half as large as the space under the kitchen sink, this unit heats the surface of the metal holding the water as well as the air under the tank. And the thermostat—the unit's electrical brain—takes care of turning the electricity off and on as necessary.

As might be expected, the automatic electric stock waterer can be obtained in various sizes. Most popular type—one that takes care of 80 head of cattle and 150 head of hogs, according to the manufacturer—is only 20 inches wide by 37 inches long. It stands on its base, usually of concrete, 28 inches high. This is a combination job with hogs drinking out of a trough at the lower end of the waterer. It is sort of a self-service affair with a swinging door which does not seem to baffle hogs in the least.

Manufacturers have not forgotten the poultry raisers. Poultry drinking fountains have electric heating units, too, that operate exactly like those made for hogs and cattle.

In summer, when a large number of cattle want to drink at once, an auxiliary tank may be installed at the same level as the automatic waterer. A pipe between waterer and tank will keep them both filled. Use the auto-

matic waterer by itself when livestock are around continuously.

There are several things to remember when installing an automatic, electrically-heated waterer. It should rest on a solid base—above the lot to provide drainage away from waterer.

Best location for waterer seems to be in a fence line between 2 pens or lots—doubling the waterer's usefulness.

You should have a cut-off in case of trouble—below the frost line under the waterer is a convenient place.

Remember an indoor location will often save enough electricity in a few years to pay for a second waterer to be used in summer only in an open lot.

To save electrical energy make use of the ground's heat below the frost line. A 12-inch or larger hole around the water supply line will allow the ground heat to move up around pipes and troughs. That means less heat has to be furnished by the heating elements.

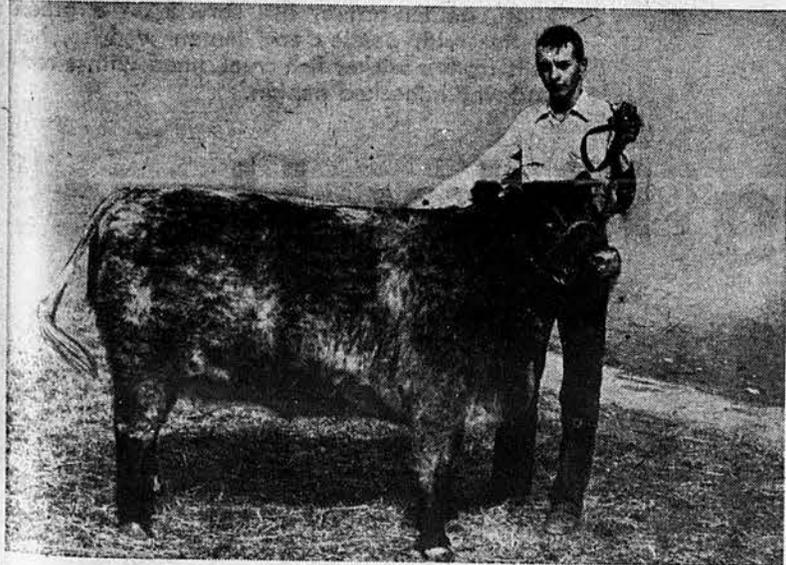
In winter, bank waterer with straw, manure or even dirt to cut down cold-air movement around the waterer. Above all, place waterer in as sheltered a place as possible.

Can the owner of an automatic electric stock waterer count on an increased gain in his bank balance? The manufacturers say yes, and they back up their claims with some interesting testimonials from farmers who use them. In any event, it looks as if this new type is here to stay and likely will become a "must" in necessary equipment to make a farm profitable.

### Useful Ideas

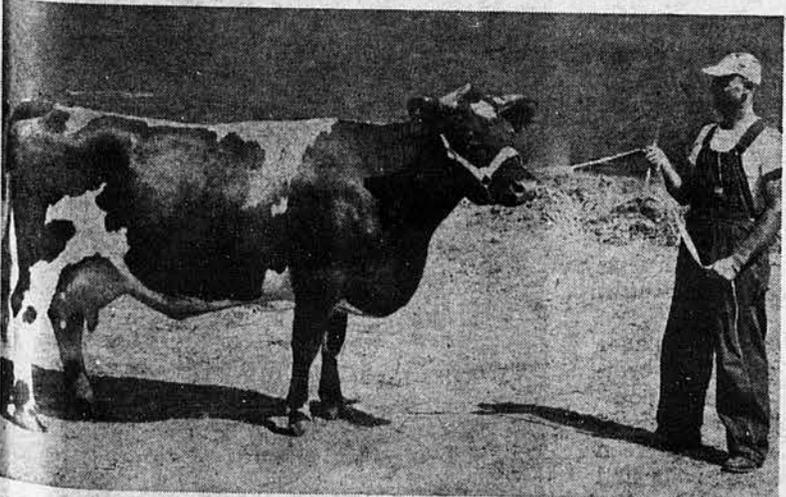
I get a lot of useful ideas from *Kansas Farmer*.—Mrs. Fred Hansen, Harvey Co.

### CHAMPION 4-H SHORTHORN HEIFER



CHAMPION 4-H Shorthorn heifer at Kansas State Fair was shown by Roy Peter Bach, Larned.

### GRAND CHAMPION MILKING SHORTHORN



GRAND CHAMPION Milking Shorthorn female at Kansas State Fair was Spot, shown by Loewen Brothers, Hillsboro. Spot also won first in best uddered class. Posing here with the champion is David Loewen.

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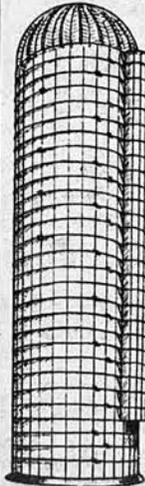


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# Kansas Farm Home and Family

FLORENCE MCKINNEY, Editor



"WHAT WILL YOU HAVE, fish or a roll?" Sizzling, golden-brown fish served on a green platter with parsley and lemon wedges, hot rolls from a wicker fish creel, lined with a red-and-white checked napkin.

## There's Something Fishy Here!

By MARY ANN BARCLAY

WE HAD a fish fry and our friends went for it, hook, line and sinker. It's a new idea and you and your friends will agree it's a "corker." Our party was originally scheduled for the back yard, but the weather turned out so hot we had it in the basement. We wanted the decorations to tie in with the mood of a fish fry, so we tried to keep everything simple and inexpensive.

Because we had so many guests we improvised a table by using three 2- by 6-inch planks about 12 feet long. For supports we used 3 saw-horses.

As a tablecloth didn't seem to fit into the "roughing it" atmosphere of a fish fry, we used some leftover wallpaper with the exotic water lily design turned face down. The plain white of the paper seemed too plain, so I drew fish down the middle of the table . . . not the realistic variety, but abstract fish which looked more fishy anyway.

Even if you have your fish fry in your back yard, you may want to use lanterns for light as we did. We used 3. One was a brakeman's lantern which fishermen use for night fishing. The other 2 were Coleman lanterns, which gave a campfire glow to the whole affair. A warm glow for developing new friendships!

Since we were to have 15 guests, we decided place cards were essential and fun besides. Right out of my dad's tackle box I borrowed oblong sinkers about an inch long. I split small correspondence cards in half, printed the

names, drew a fishhook on each one and slipped the card into the groove of the sinker. You may like to hook small artificial flies to the place cards for favors. They are a colorful addition and useful, too.

To keep in the mood of an outdoor fish fry, we used paper plates. Another "fishy" idea we used that drew favorable comments from our guests was a wicker basket shaped like a trout creel. We served the hot rolls in it.

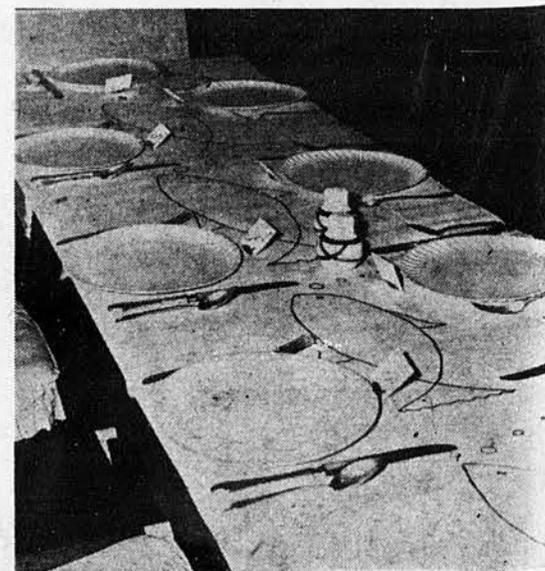
We used butter pats that looked like tiny yellow fish on chipped ice. First, we cut a quarter-pound of butter into 6 lengthwise pieces with a wire cheese cutter and made the fish by using a small fish mold. The leftover irregular pieces went on the parsley buttered potatoes. Umm! Tasty!

Wall decorations were simple, especially since our basement has only one wall without windows. I draped a new minnow seine on the wall and pinned paper goldfish to it with fish-hooks. The gilt paper for the goldfish, I bought at our bookstore.

We had fried fish, of course, with tartar sauce and lemon wedges. Otherwise we served ordinary everyday dishes, parsley buttered potatoes, creamed peas, sliced tomatoes and lots of relishes, carrot strips, celery, ripe and green olives and pickled baby beets. Hot rolls and butter rounded out the main course. For dessert we served lemon bisque, a favorite ice-box dessert prepared hours ahead of serving time. We served iced tea and iced coffee, but either

could be hot for cooler weather. They go equally well with fish.

Our party was a whopping success; yours will be, too. Just get on the "line" and tell your friends a "reel" party is in the making and they're invited.



FISH, sketched in India ink down the middle of the wallpaper table covering, made an interesting conversation piece as well as decorations at our fish fry.

## THE POET'S CORNER

### Childhood Home

The barnyard pond with red clay banks  
Held frogs and tadpoles for the catching,  
And children wading there knew certain bliss

Until abrupt and sure dispatching.  
Yellow roses lined the garden fence  
And ruffled hollyhocks stood bright and tall,  
The house itself was white and faced the west  
And sunsets bathed the windows at even-fall.

On top a pole a rusty dinner bell  
Resounded when a meal was on the table,  
And sturdy men unhitched and came to eat  
Of wholesome food, which kept them strong  
and able.

—By Mary Holman Grimes.

### Yoo Hoo! Yoo Hoo!

Boys and girls come join the fun,  
The spirits are out tonight,  
All year round the old witch hides,  
But tonight she takes her flight.

Big black tom cat walks the fence,  
Grins at the moon and winks,  
He knows that witch has a bag full of tricks,  
And the jack-o-lanterns waver and blink.

The clank of chains and ghostly groans,  
The wizards scary light,  
All make shivers come and go,  
On this creepy, spooky night.

Come! Run to the kitchen, one and all  
There's a friendly spirit there,  
She's conjured up doughnuts, cider and pies,  
A fine Halloween bill of fare.

—By C. W. W.

### October's New Look

October is a style revue  
With latest line and boldest hue,  
When autumn, with her shears and dye  
Helps mother nature feast our eyes  
On glorious Indian summer weather.

The manikins are tree-slim maids  
Grouped by stream-bank, fence-row  
glades,  
Whose skirts resemble vast bouquets  
Trimmed in scroll-ivy appliques,  
And backed by bright blue weather.

—By Lillian Easley Moore.

### Use Gay Remnants



SIZES  
2-10  
516

Be thrifty, make this bright school dress of gay remnants. Sewing's easy, embroidery quick. Pattern 516 has transfer, pattern parts, directions. Child's sizes 2, 4, 6, 8, 10. State size.

Pattern 25 cents. Address Needlework Editor, Kansas Farmer, Topeka, Kan.

### Moonlight on the Millpond

The millpond cradles the mellow moon;  
It etches the shadowy trees;  
It sighs with the boatman's muffled oar;  
Its bosom swells with the breeze . . .  
Thoughts as the tumbling waters rush,  
Moments like spraydrops fly;  
The white waves curl with a backward lash  
That sweeps to the days gone by.  
A moss-grown peg marks the hitching rail  
Where lovers of long ago  
Pledged advent vovs in a buggy built  
For old-fashioned girl and beau . . .  
The listening waters leap and sing;  
They mirror the twinkling stars,  
While the man-in-the-moon spreads cloth of gold  
The length of the gravel bars.

—By George Nicholas Rees.

### Boys Will Be Boys

I like to put on mother's skirt  
And spread it out quite wide,,  
Then sit on the piano bench  
And act real dignified.  
Pretending I'm an artist grand  
While singing pretty well  
'Till brother leaps in, spoils my show  
With one terrific yell!

—By Camilla Walch Wilson.

### Here's a Good Recipe for Happy Home

Across our desk in a flood of mail has come this recipe for a happy home. We hope you like it, too.

"Take 12 fine, full months, see that they are thoroly free from all old memories of bitterness, rancor, hate and jealousy. Cleanse them completely from ever-clinging spite, pick off all specks of pettiness and littleness; in short, see that these months are freed from all the past.

"Divide each of these months into 30 or 31 equal parts, each one except the second, which is to be divided into 28 equal parts.

"Do not try to make up the year's batch all at one time (many spoil the broth this way), but prepare one day at a time as follows:

"Into each day put 12 parts of faith, 11 of patience, 10 of courage, 9 of work (some omit this ingredient and spoil the flavor of the rest), 8 of hope and 7 of loyalty.

### Be Liberal

"Add 6 parts of liberality, 5 of kindness, 4 of rest (leaving out this is like leaving the oil out of the salad dressing), 3 of prayer, 2 of meditation and one well-selected resolution.

### How To Reduce

There are ways to safely reduce weight. It now has been proved thin people enjoy better health and live longer. How to reduce your weight safely is outlined in a new booklet entitled, "Common Sense Weight Reduction." To obtain this booklet send 3 cents to Farm Service Editor, Kansas Farmer, Topeka.

"To this add a dash of fun, a sprinkle of play and a heaping cupful of good humor.

"Pour into the whole mixture a lot of love and mix with vim. Cook thoroly with fervent heat and garnish with a smile and a sprig of joy.

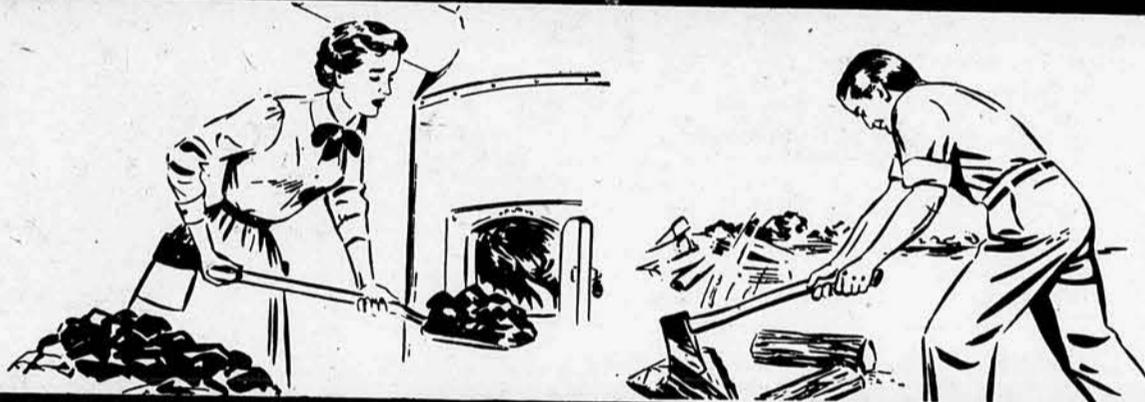
"Serve with quietness, unselfishness and cheerfulness."

—Author Unknown.

### Foil for Burns

Aluminum foil is handy in the medicine cabinet in case of burns. Spread with salve and wrap it around the burn. It serves to cut off the air entirely and does not stick as an ordinary bandage does. Tannic acid paste is one of the best salves for burns.

# WHY DO THIS?



## INSTALL Automatic L-P Gas HEAT

Using

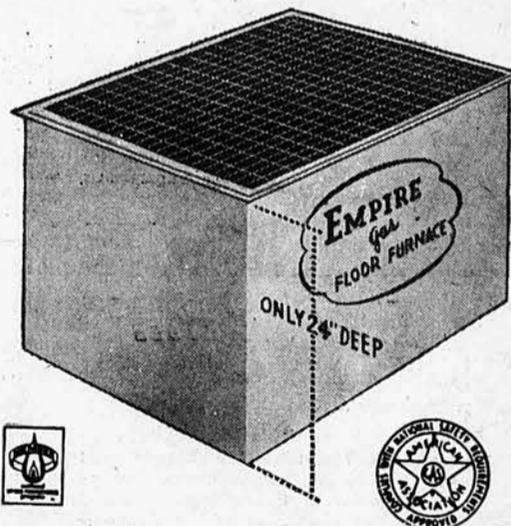
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**Our heritage:**

Here in America we have a privilege denied to hundreds of millions on this old earth. We have what others would gladly give their lives to secure for their countries. In truth, we have what valiant men have fought and died to secure for us.

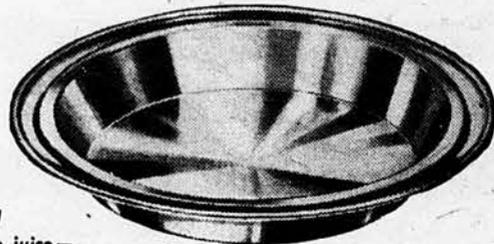
How too frequent it is that we desire most that which we do not have; how prone are we to accept as casual, priceless possessions already ours.

Here in America we have the great boon of free elections. We can vote for whomever we desire. We have the opportunity to choose. If we approve a candidate and his policies, we can make our "X" count for him; if we prefer another, we have a free chance to be "for" him. There is a choice here—not compulsion to cloddishly put down an affirmative mark as directed.

A free ballot is ours—our heritage. We serve our country when next month we go proudly to the polls and vote as our own conscience and desires dictate.

Let nothing loose your hold on so precious a privilege—VOTE!

Is your time  
 worth a  
**DIME A  
 MINUTE?**

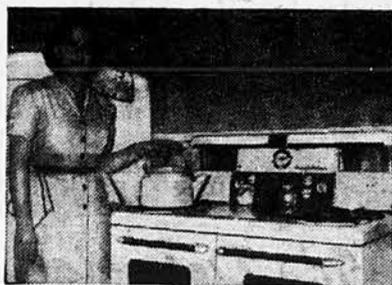


Amazing new stainless steel  
**DRIPLESS** pie pan . . . "Catches the juice—  
 Saves the oven"

Here's the solution for preventing pies from dripping over the edge of the pan and messing up your oven. . . It's the famous new West Bend stainless steel pie pan with the "juice catching rim." Here's how you can get yours: Just visit your

Skelgas dealer before Nov. 15 and answer 10 simple questions which will help us get the woman's ideas for our 1953 appliances. Then, you can purchase this valuable pie pan, regularly selling at \$2.25 for only \$1.25. You SAVE \$1.00.

Go to your Skelgas Dealer's Store TODAY!



**Really "Sold" on Skelgas Service!**

"I began using Skelgas when I was married over 4½ years ago and have been thrilled with its service and dependability through the years. We now have a 500 gallon heavy-duty system which serves us in heating, cooking and refrigeration. I especially like the hot, clean flame of Skelgas."

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 Milford, Nebraska

**Latest Line on Lime . . .**

In treating acid soils with lime—don't be stingy with your application of this essential chemical.

According to the Ohio Northeastern Experimental Farm, tests show that big doses of lime do the most good. Most corn, oats and meadow were produced on soil treated with three tons of lime per acre, every 9 years.

**HINTS for House and Garden**

Stale dried cheese turns into a delicious spread when run through a meat grinder with chunks of raw onion.

When hard water leaves a ring in a white porcelain pan, sprinkle baking soda on a damp cloth and rub gently. Wash and rinse well—the stains will disappear.

Coffee stains in coffee pot can be removed easily by rubbing with damp cloth sprinkled with baking soda.

**Skelgas Families' FAVORITE RECIPES**

Nippy fall weather is a great appetite stimulator and your family will be hungry for heavier and more filling foods. Mrs. Nettie Fischer of Arcadia, Iowa, sends us this recipe for French Peas which will "fill the bill" not only for your family but you'll find it something a little different for entertaining.

**FRENCH PEAS**

- 2 cups cooked peas (fresh, frozen or canned)
- 4 slices bacon
- 1 tablespoon chopped onion
- 1 tablespoon flour
- 1 cup light cream
- 1 6-ounce can mushrooms
- 2 tablespoons butter
- Salt and Pepper
- 6 toast cups

Dice bacon and fry until partly done. Add onion and cook until tender. Blend in flour; add cream and cook until thick, stirring constantly. Cook mushrooms in butter for 5 minutes. Add peas and mushrooms to cream mixture and season with salt and pepper.

This may be served as is, on toast, over fried noodles or in toast cups made by toasting bread shaped in muffin tins. Serves 6.

Mrs. Nettie Fischer  
 Route #1, Arcadia, Iowa

Your favorite recipe will win \$5 if it's published here. Please keep a copy for yourself. Just send your recipe to Dept. F-1052.

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**Sew for the Family**



4595  
 SIZES  
 12-20  
 30-42

4595—Smart casual. Sleeves are cut in wide side bodice. Misses sizes 12 to 20 and 30 to 42. Size 16 takes 3½ yards 39-inch fabric; yard nap contrast.

9232—Shirtwaist frock with details accent with bias binding. Misses sizes 12 to 20 and to 42. Size 16 takes 4½ yards 39-inch fabric.

9212—Only 1 yard of 54-inch fabric is required for this skirt in any of its sizes. The main parts to cut and sew. Waist sizes 24, 26, 28, 30 inches.



9232  
 SIZES  
 12-20  
 30-42



Only One Yard



9212  
 WAIST  
 24"-30"



9129  
 SIZES  
 S-14-16  
 M-18-20



4580  
 SIZES  
 2-10



9054  
 SIZES  
 14½-24"

9129—Thrift apron, requires only 1 yard of 35-inch fabric for either size. Misses small (14-16); medium (18-20).

4580—Two-dresses-in-one idea! Peter Pan collar can be made to match or contrast. Big Pilgrim collar ties on. Child's sizes 2 to 10. Size 6 dress requires 2 yards 35-inch fabric, Pilgrim collar, ½ yard contrast.

9054—Designed for the shorter, fuller figure. Half-sizes 14½ to 24½. Size 16½ takes 3½ yards 39-inch fabric; ½ yard 35-inch nap.

Pattern Numbers	Size	Name
		Route
		Town
		State

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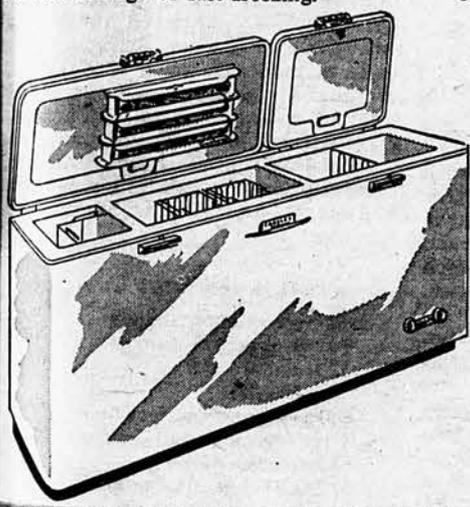
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★ TELL US WHY YOU THINK BREAD BAKED WITH GOLD MEDAL FLOUR AND BETTY CROCKER'S BREAD RECIPE IS BETTER

### 50 PRIZES IN ALL

**5 FIRST PRIZES**  
CROSLY SHELVADOR FREEZERS  
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Holds up to 700 lbs. of food. Handy Lid shelves keep more food at your fingertips. Adjustable temperature control can be set for either storage or fast freezing.



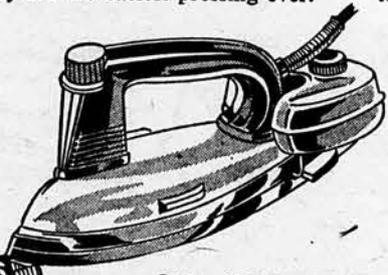
**5 SECOND PRIZES**  
CROSLY TWIN-AUTOMATIC REFRIGERATORS

World famous Crosley Shelvador Refrigerator. 12.1 cubic foot capacity. Complete automatic defroster with clock control. Separate freezer compartment, with its own door, holds up to 77 lbs. of food.



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BETTY CROCKER TRU-HEAT IRON  
(with steam attachment)

Exclusive tapered heel lets you iron backward as well as forward. Steam iron attachment slips onto iron quickly for the easiest pressing ever.



**10 FOURTH PRIZES**  
BETTY CROCKER TOASTERS

This beautifully designed, fully automatic toaster makes breakfast a joy. Makes perfect toast! All you do is pop in the bread and out pops the toast—just the way you like it!



**20 FIFTH PRIZES**  
BETTY CROCKER PICTURE COOK BOOK  
(deluxe, ringbound edition)

Over 2000 tested Betty Crocker recipes and 633 how-to-do-it pictures. This deluxe edition folds flat for easy reading.

### GOLD MEDAL FLOUR CONTEST RULES

1. On entry blank or sheet of paper complete in 25 additional words or less: "I think bread made with GOLD MEDAL FLOUR, using Betty Crocker's bread recipe is better because..." Add your name and address. Enclose the blue square showing "net weight" cut from 25-lb., 50-lb. or 100-lb. GOLD MEDAL sack. Mail to Gold Medal Flour Contest, Box 1800, Minneapolis, Minnesota.
2. Send as many entries as you wish but each entry must be accompanied by the blue square showing "net weight" from a 25-lb. or larger size sack of GOLD MEDAL FLOUR. Only one prize will be awarded to members of a household.
3. Entries must be postmarked not later than November 17, 1952 and received by November 24, 1952.
4. Entries will be judged on the basis of originality, uniqueness, aptness of thought and clearness. Each entry must be the original work of the contestant and be submitted in his own name.
5. Judges' decisions are final. Duplicate prizes in case of ties. All entries become the property of General Mills, Inc.
6. The contest is open to all residents of continental United States except employees of General Mills, Inc., its advertising agencies and the organization handling and judging the contest and their families.
7. An official list of prize winners will be available approximately six weeks after the close of the contest to all who send in a request accompanied by a self-addressed stamped envelope to General Mills, Inc., Dept. 90, 823 Marquette Avenue, Minneapolis, Minnesota.

### Your Bread Will Be Wonderful Baked with GOLD MEDAL and Betty Crocker's Bread Recipe

Gold Medal is the modern bread flour. It's mellow qualities make your dough easier to handle. The recipe you may have been using with a tougher, harsher flour may not produce best results with Gold Medal. With the Betty Crocker bread recipe and Gold Medal Flour you'll get wonderful bread... high, full-volumed, crusty-brown, because the recipe fits Gold Medal's superb baking qualities.

Along with your entry Send blue square showing net weight cut from a 25-lb.-50-lb. or 100-lb. GOLD MEDAL SACK



Betty Crocker's Bread recipe is in 25-50-100 lb. sack sizes of **GOLD MEDAL FLOUR** "Kitchen-tested" ENRICHED

**ENTRY BLANK**

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I think bread made with GOLD MEDAL Flour, using Betty Crocker's bread recipe is better because \_\_\_\_\_

\_\_\_\_\_  
(complete in 25 words or less)

NAME \_\_\_\_\_ (Please print)  
ADDRESS or R.D.# \_\_\_\_\_  
CITY or TOWN \_\_\_\_\_ STATE \_\_\_\_\_



M-M-M...  
HALLOWEEN DROP DOUGHNUTS  
MADE WITH  
**RED STAR** Special Active DRY YEAST



### HALLOWEEN DROP DOUGHNUTS

*Crispy brown outside, delicate and fluffy inside, an easy-to-make holiday treat.*

ADD 2 pks. RED STAR Special Active Dry Yeast to  $\frac{1}{2}$  cup warm water (110°-115°). Let stand. SCALD  $\frac{3}{4}$  cup milk. Pour into large bowl with  $\frac{1}{4}$  cup sugar, 1 tsp. salt,  $\frac{1}{2}$  tsp. each of mace and nutmeg. Blend together and cool to lukewarm. STIR yeast-mixture well and pour into bowl. MIX IN  $\frac{1}{2}$  cup soft shortening, 2 eggs, with  $3\frac{1}{2}$  cups sifted flour. BEAT until batter is smooth—about 100 strokes. SCRAPE down dough from sides of bowl. COVER and let rise in warm place until doubled—about 30 minutes. STIR down and let rest while fat is heating to 350° (to test—a 1-in. cube of bread browns in 60 seconds). DROP batter from teaspoon into hot fat. Turn when edges show color, frying until

golden brown—about  $1\frac{1}{2}$  minutes on each side.

#### DO'S FOR DOUGHNUTS

- DO have fat  $1\frac{1}{2}$  to 2-in. deep in heavy pan for shallow fat frying.
- DO keep temperature around 350-375 degrees. Too hot fat forms crust before doughnuts are cooked through, too cool fat means doughnuts will soak up fat.
- DO turn doughnuts when edges show golden brown color.
- DO drain doughnuts on absorbent paper, such as paper toweling, near a warm place.
- DO sugar coat while still warm.



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IS THE FIRST 3-WAY  
IMPROVED  
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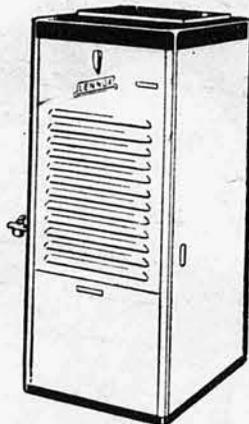
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**LENNOX**

The world's largest manufacturers and engineers of warm air heating.

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(III. GH3—High Boy)

LENNOX Gas-Fired HI BOY Approved for all gases, including LP and LP-air.

## THE RECIPE CORNER



LATTICE TOPPING on prune pie gives added attraction to an otherwise simple dessert.

### Prune Pie

- 1  $\frac{1}{4}$  cups prunes, cooked and pitted
- $\frac{1}{2}$  cup prune juice
- $\frac{1}{2}$  cup sugar
- 2 tablespoons butter
- 1 tablespoon lemon juice
- 2 tablespoons flour
- few grains salt

Mix all ingredients and cook until slightly thickened. Prepare pastry for 2-crust pie as directed on package pie crust mix. Roll out half of dough on floured pastry cloth or board to 10-inch circle. Fit loosely into 9-inch piepan. Fill with prune mixture. Roll out remaining dough to  $\frac{1}{8}$ -inch thickness. Cut into 10 strips,  $\frac{1}{2}$ -inch wide. Cross 2 longest strips over center of pie. Leave ends loose. Add remaining strips 1 inch apart, crisscross fashion, twisting several times. Seal ends to bottom crust and trim. Fold bottom crust to cover ends and flute edges. Bake in hot oven (450°) for about 25 minutes.

### Ice-Box Cookies

- 1 cup brown sugar
- 1 cup sugar
- 1 cup shortening
- $\frac{1}{2}$  teaspoon salt
- 3 eggs
- 1 teaspoon vanilla
- $1\frac{1}{2}$  teaspoons soda
- $3\frac{1}{2}$  cups sifted all-purpose flour
- $\frac{1}{2}$  cup chopped nuts
- 1 package coconut

Cream brown and granulated sugar with shortening. Add salt. Add eggs one at a time and beat after each. Add vanilla. Sift soda with flour and add gradually to first mixture. Stir in nuts and coconut. Press into roll  $1\frac{1}{2}$  inches in diameter. Wrap in waxed paper or foil and chill in refrigerator. Cut into slices  $\frac{1}{2}$ -inch thick and bake on cookie sheet at 400°.

### Cheese Omelet

Here is a recipe for a foolproof omelet. It is light and fluffy and stays up even after it is cold.

- 2 tablespoons quick-cooking tapioca
- $\frac{3}{4}$  teaspoon salt
- $\frac{1}{8}$  teaspoon pepper
- $\frac{3}{4}$  cup milk
- 1 tablespoon butter
- $\frac{1}{8}$  teaspoon dry mustard
- $\frac{1}{2}$  cup grated American cheese
- 4 egg whites
- 4 egg yolks

Combine tapioca, salt, pepper and milk in saucepan. Place over medium heat and cook until it comes to a full boil, stirring constantly. Add butter, mustard and cheese and stir until cheese is melted. Remove from heat and allow to cool slightly while beating eggs.

Beat egg whites until stiff. Beat egg yolks until thick and lemon-colored. Add tapioca mixture to egg yolks and mix well. Fold into egg whites.

Turn into hot, buttered, 10-inch skillet. Cook over low heat 3 minutes. Then bake in moderate oven (350°) for 15 minutes. Omelet is done when a knife inserted comes out clean. Cut across at right angles to handle of pan, being careful not to cut all the way thru. Fold carefully from handle to opposite side and serve on hot platter. Makes 4 to 6 servings.

### Orange Coconut Custard

- 3 eggs, slightly beaten
- $\frac{1}{2}$  cup sugar
- $\frac{1}{2}$  teaspoon salt
- 3 cups milk
- $\frac{3}{4}$  teaspoon vanilla
- $\frac{3}{4}$  teaspoon grated orange rind
- 1 teaspoon nutmeg
- $\frac{1}{2}$  cup shredded coconut

Combine eggs, sugar and salt. Add milk gradually and mix well. Fold in remaining ingredients. Pour into 1 $\frac{1}{2}$ -quart casserole or individual custard cups. Place casserole in pan of hot water and bake in moderate oven (350°) about 1 hour or until set.

### Cook Picnic Meal In Can and Foil

A coffee can picnic! For this unusual picnic meal, a clean coffee can is needed for each person. A layer of coals cooks the meal so the fire should be started ahead of time.

Here is the menu, and it all is placed in the coffee can. A thick, well-seasoned hamburger or pork chop, sliced vegetables placed in layers on the meat. Suitable vegetables would be onions, carrots and potatoes. Season the vegetables and add 3 tablespoons water.

Pull the coals around and over the coffee cans and let the food cook for 20 to 30 minutes. Let the cans cool a few minutes before opening them. The result will be delicious and flavorful. If coffee cans are scarce, use a double wrap of aluminum foil.

Do not place the cans or wrapped food on an extremely hot bed of coals. It may be better to draw the coals back, place the cans on the ground and then cover with the hot coals.

### A Harvest Party

Our 2 leaflets, "A Harvest Party" and "Directions for the Harvest Twins," give suggestions for fun, entertainment and decorations. Please order from Entertainment Editor, Kansas Farmer, Topeka. Price 5c each or both for 8c.

# Stop Taking Harsh Drugs for Constipation

**End chronic dosing! Regain normal regularity this all-vegetable way!**

Taking harsh drugs for constipation can punish you brutally! Their cramps and griping disrupt normal bowel action, make you feel in need of repeated dosing.

When you occasionally feel constipated, get gentle but sure relief. Take Dr. Caldwell's Senna Laxative. It's all-vegetable. No salts, no harsh drugs. Dr. Caldwell's contains an extract of Senna, oldest and one of the finest natural laxatives known to medicine.

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**250 PRODUCTS** Friends, neighbors buy eagerly in their own homes. They grab for premiums, cooking, cleaning, beauty, laundry, medicinal products used every day in every home. I stock you—GIVE YOU CREDIT! Liberal profits on every sale.

**FREE** SEND NO MONEY Mail postcard TODAY—ask me to RUSH full details about starting your own. Don't delay! Dept. 394HT, LYNCHBURG, VA.

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**LOCKS To Work With TON-GRIP** Now, a wonder tool that makes you an Expert Fixer! Repair jobs done in Half The Time! See how it LOCKS to the work with tremendous grip. Can't slip. Clamps, turns, twists, pulls, cuts. Is really a pipe-wrench, super-pliers, end-wrench, locking-wrench, hand-vise—ALL IN ONE! The one tool you'll use... USE! Equip your shop, truck, machinery, car. 7" and 10", with or without cutter.

Only \$1.85 to \$2.60 at your dealer  
Manufactured Only By **PETERSEN MFG. CO., INC.**  
Dept. KF-10 DeWitt, Nebr.  
**A "MUST" AROUND THE FARM!**

## Fair Booths Draw Attention to Unit Work

Booths planned by home demonstration units in Eastern Kansas caught the attention of thousands of Kansas Free Fair visitors early in September.

This year, 5 counties as usual sponsored a display illustrating some phase of home demonstration work. Allen county won the purple ribbon with a demonstration of meat cookery. Posters explained that cooking methods should be determined by the cut of meat.

"Stop and Think. Is Your Bank Account in Order?" was the theme of the second-prize winner, Bourbon county. As a result of the work in that county, 50 families made wills, 284 families established joint bank accounts, 186 families consulted attorneys and 248 checked abstracts and deeds.

Chase county won third place with a demonstration of their co-operation with the Red Cross. Fifty-eight per cent of the unit members were donor pledges.

"A Sewing Center-Saves Valuable Time" was the subject of the Montgomery county booth which won fourth place. A sign advised observers that a homemaker in the average house walks 786 feet to make an apron. With a well-planned sewing center, the home sewer walks 157 feet.

Fifth place went to Wyandotte county with a booth that asked each visitor, "Are You Well Dressed? Score Yourself." Basis of the self-scoring are the points counted for each garment and each accessory in a complete ensemble.

## Jefferson County Girls Win First Place in Judging

Highest score in 4-H Club home economics judging contest at Kansas Free Fair was won by Jefferson county girls. Members of the prize-winning team were Betty Frakes, Marjorie Hamon and Jeanette Hamon. Thirty teams of 3 members each competed in the event. Second place went to Montgomery county 4-H girls, third place to Riley county and fourth and fifth to Pottawatomie county club members.

Marilyn Nelson, of Saline county, had the highest individual score, 520 out of a possible 600 points. Other 4-H members in the top high individual scoring list were: Joanne Janke, Dickinson county; Mary C. Gibson, Montgomery county; Emma Loomis, Wilson

county; Marjorie Hamon, Jefferson county; Patricia Stoner, Mitchell county.

Eight classes of food preparation and preservation, clothing and home improvement were included in the contest. Officials of the State 4-H Club office and Extension specialists at Kansas State College, Manhattan, planned and conducted this annual event in 4-H exhibition hall.

## Girls in Morris County Win Purple Ribbon

"You'll have more vim your whole life thru, if your breakfast grows in size with you," was the theme of the prize-winning booth in the 4-H Club department at Kansas Free Fair.

The colorful display included food for recommended morning meals for 1-, 5-, 10-, 15- and 20-year-olds. Other county booths that won blue ribbons were from Shawnee, Morris, Geary, Jackson, Lyon and Coffey counties.

## Tho' They Hurt Here Are the Facts

Kansas has no equality of library facilities thruout the state which even approach adequate service for a majority of either our urban or rural citizens. In other words, there is an upper crust of a dozen or less public libraries where personnel, books and supporting tax money, are reasonably adequate. This upper crust is very thin. It will take an extensive process of co-operation and co-ordination on an area or regional basis to stockpile resources to build up proper, minimum support for economical service.

A report recently prepared by the State Library at Topeka shows that some 315 third-class cities or more than half of them have no libraries. Also, since only 13 counties out of 105 contribute tax money toward county-wide library service, we must draw the conclusion that vast numbers of rural people have no legal access to local library service.

## City Folks on a Picnic

They spread their lunch and sat to eat. And thought the country quite a treat; Behind a bush a cow said, "Moo," Then how the picnic party flew.

—By Juanita Jackson.

## NOTES FROM THE BEET SUGAR KITCHEN

By Nancy Haven



### Cookie Spooks



a howling success!

Fun to make and tricky looking—but easy with light and dark doughs made in one bowl at one time.

### Goblin Faces

- 1 1/4 cups Beet Sugar
- 3/4 cup shortening
- 1/4 cup butter or margarine
- 1 egg
- 1 teaspoon vanilla extract
- 2 1/2 cups sifted all-purpose flour
- 1/2 teaspoon baking powder
- 1/2 teaspoon salt
- 1 one-ounce cake unsweetened chocolate, melted

Cream together sugar, shortening and butter or margarine; beat in egg and extract. Stir in sifted dry ingredients. Divide dough in half; blend melted chocolate into one portion; chill each 1 hour. On lightly-floured board, roll out doughs 1/8-inch thick. Cut into 3-inch rounds. Cut goblin faces on half of dark and light rounds. Place remaining rounds on baking sheets; sprinkle each with 1/2 tsp. Orange Sugar\*. Cover light rounds with dark faces and vice versa. Decorate with coconut hair; almond teeth; small balls of dough for pop eyes. Bake in moderate oven (375° F.) 10-12 min. Cool on rack. Makes 2 1/2 doz. faces.

\*Orange Sugar—gay trim for all your Halloween party foods! Into 1/2 cup Beet Sugar, blend 2 drops red and 20 drops (about 1/8 tsp.) yellow food coloring. Let dry on waxed paper.

### Free Cookie Booklet

"The Way Of All Cookies"—22 pages of grand recipes plus tips on baking, decorating, storing. Address below.

Smart Shoppers buy BEET SUGAR

In all the world there is no better sugar than U.S.-grown Beet Sugar.

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WESTERN BEET SUGAR PRODUCERS, INC.  
P. O. BOX 3594, SAN FRANCISCO 19, CALIFORNIA



## Transfer Designs in Three Colors

7250

Color-bright square-dance designs add fun and fashion to your whirling cotton skirts and blouses. Iron them on linens, too. In cherry-pie red, blue-berry and maize. New, washable, you iron on transfers. No embroidery. Pattern 7250 has 8 motifs in 3 colors about 5 by 6 1/2 inches each.

Pattern 25 cents. Address Needlework Editor, Kansas Farmer, Topeka, Kan.

## Gives Protective Warmth FOR ACHING CHEST COLDS!

to relieve coughs — sore muscles

To bring fast, long-lasting relief, rub on Musterole. It instantly creates a wonderful sensation of protective warmth on chest, throat and back.

Musterole not only promptly relieves coughing but also helps break up congestion in upper bronchial tubes, nose and throat, bringing amazing relief! Any drugstore.

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"We're starting him off on the right footwear!"



"For generations our family has been wearing Weatherproofs with that Red Ball trade-mark. We know from experience we're sure of getting honest value, good fit and good wear for the rugged service we need on the farm.

The first pair of boots I ever bought had the Red Ball trade-mark. That's why I'm starting him off on the right footwear."



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**KEEPS YOU HAPPILY IN HOT WATER!**

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Fully guaranteed as to highest quality materials and workmanship. Fiberglas insulation. Available in 20, 30 and 45 gal. sizes.

See your local dealer or write to

**LUXRA COMPANY** Atchison, Kansas

## How Healy Solved Problem

(Continued from Page 4)

Jennison, "but neither one was interested. The best offer we had was that if we would build a 10-wire line the 16 miles to Dighton at our expense the American Telephone Co. would give us "switcher service." The cost would have been prohibitive and service questionable, we felt. Southwestern Bell then came in and put one pay telephone in the business district as a friendly gesture! This one telephone was the only communication point in the community for nearly a year."

### A Timely Assist

When it appeared the Healy situation was hopeless Virgil Maddox came forward with a timely assist. He remembered a friend of his who operated a small telephone company at Hazelton, in Barber county, had installed an automatic switchboard that had proved successful. Mr. Maddox, Mr. Jennison and Jim Wristen, another farmer, made the trip to Hazelton and were impressed. They then got in touch with several companies that manufactured automatic switchboards.

"We felt an automatic switchboard was the answer," says Mr. Jennison.

In the meantime Mr. Jennison and other interested men in the community had been dickered with REA over possession of the old telephone lines. REA first offered the lines to the group for \$1 but later went so far as to pay the expense of moving city telephone lines across the alleys from REA lines and for resetting poles.

Technical experience to operate a telephone exchange and lines was found in the person of W. H. Anderson, local business man. Mr. Anderson had some

experience in telephone work and was a natural mechanic.

With this much progress behind them Mr. Jennison called a meeting at the local schoolhouse to work out organization and financing. It was agreed there that local men would lend enough money to buy an automatic switchboard and install it if farmers who wanted service would build their lines and buy their telephone instruments.

Following this meeting 10 men—farmers and 4 business men—pledged \$6,000 in cash and signed a note for an additional \$6,000 loan. All those in town who wanted telephone service were asked to voluntarily pay \$35 in advance rentals if they could. Enough did to raise \$1,560. A total of 39 farmers and 64 townspeople decided to put in phones.

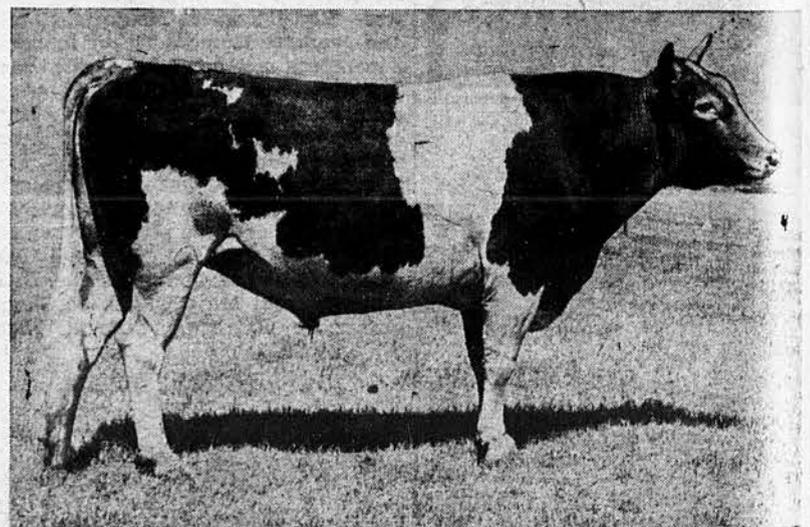
A 100-line automatic switchboard was installed in Healy at a cost of \$7,833.73 and an additional \$286 was spent to construct a small room to house it. Sixty lines are operating of the board now, which leaves plenty of room for expansion if needed.

New wire and poles, brackets and other materials to construct lines within Healy cost \$3,576.80 and new telephone instruments for in town cost \$1,654.95. Purchased wholesale, the instruments cost \$28 each. Later, when the group incorporated as The Healy Telephone Company, Inc., there was an incorporating expense of \$160.66.

"All this was paid for from funds raised within the vicinity of Healy either by subscription or by advance rentals," says Mr. Jennison. "We also purchased at wholesale all the new

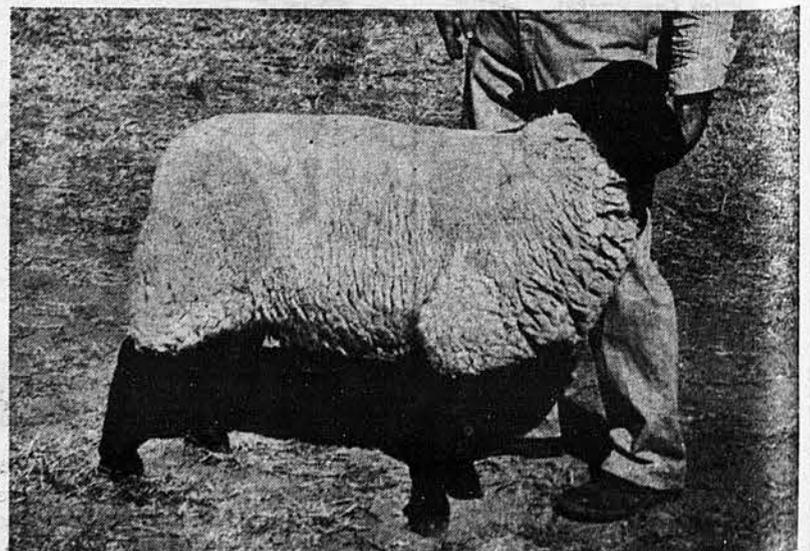
(Continued on Page 35)

## GRAND CHAMPION GUERNSEY BULL



**COOPER'S VICTOR'S ALECK**, grand champion Guernsey bull at Kansas State Fair, owned by Mrs. Irene Hamler, Osage City.

## CHAMPION SUFFOLK RAM



**CHAMPION SUFFOLK** ram at Kansas State Fair was shown by Mr. and Mrs. Sylvester Martin, Mt. Hope.

KANSAS STATE UNIVERSITY LIBRARY

poles, lines and instruments for country subscribers and resold them at cost."

Farmers built their lines up to the limits of Healy and bought their telephone instruments. This means they own the lines and will maintain them at their expense. Each farmer pays the Healy Telephone Co. \$1.50 a month.

**Have Yearly Contracts**

In addition to this \$1.50 monthly cost, farmers on each line have yearly maintenance contracts with Mr. Anderson, manager of the telephone company. Two short lines out of Healy pay a yearly maintenance fee of \$50 and one longer line a fee of \$75 a year. This amounts to about \$10 a year to each farmer, and each farmer individually pays Mr. Anderson his share of the maintenance cost. Average distance between rural phones is 2 miles. Average cost per farmer for building rural lines and buying phone instruments was about \$250.

In addition to his contracts with farmer-owned lines Mr. Anderson, as manager of the Healy Telephone Co., is paid \$75 a month by the company. He takes care of maintenance on the switchboard and all lines in town.

Harold Jennison, cashier of the First State Bank and a brother of Robert Jennison, serves as secretary-treasurer of the company without pay. Kenneth Wilkens, a farmer, serves as president of the company, also without pay.

**Get Top Service**

What kind of service are farmers getting for their money? The very best, they say. The Healy Telephone Co. has a "connecting company" contract with Southwestern Bell at Scott City. While the Bell company did not want to own the Healy territory it is serving the Healy company at a very reasonable cost. For a total of only \$6.25 a month, the Bell exchange at Scott City offers the following service to all Healy subscribers:

Assistance in completing calls or requesting information on how to place calls; takes any emergency calls; verifies "no answer" or "busy" conditions, and advises Healy company officials of customer complaints and reports of line trouble. Healy customers also can call in for "time of day" information.

Virgil Maddox has some advice for farmers planning to build their telephone lines. He is on the end of a 10-mile line. "It pays to get good materials and do a good job," he says.

Mr. Maddox, who has a posthole digger, figures he and his 2 hired men put in 228 man-hours of labor digging holes, erecting poles and stringing wire. Since the line was completed 2 more farmers have come onto the line. They paid a connecting fee of \$200 each and built lines to their farms from the end of the main line. "One of these 2 farmers spent more than \$1,000 to get phone service," says Mr. Maddox, "but we are not accepting any more subscribers as it doesn't pay to get too many."

**Had Low Costs**

Leonard Steffens, a farmer living 1 1/4 miles from Healy, had one of the lowest costs for telephone service. "I think my total expenses were from \$160 to \$170," he says, "and I put in 18 to 20 hours of labor. The 7 farmers on our line hired one full-time man to help us put up the lines. Service is 100 per cent better than the old system. If I had it to do over again I would spend as much or more to get service."

Mr. Maddox goes even further. "I'd almost be willing to build a line from my farm to town for the kind of service we have now," he says.

So far, the company is doing very well. A financial statement covering the period from January 1 to June 30, 1952, shows the company had a net income after all taxes of \$662.68.

"We firmly believe," says Robert Jennison, "all who invested in the company will get their money back in time. Meanwhile, we have as good telephone service as any in Kansas and our people have real pride in it. They should have because they got it thru their own efforts and determination."

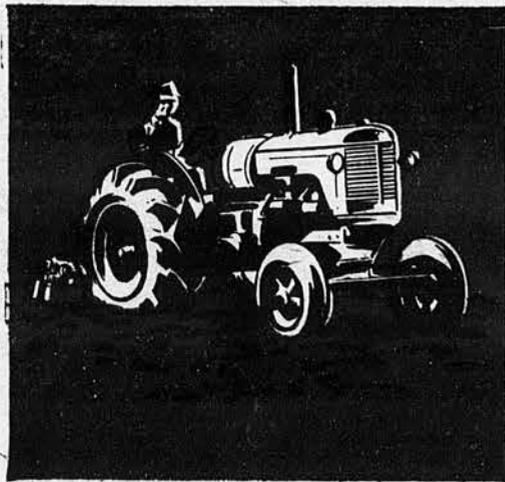
# See what Philgas\* Can do for You!



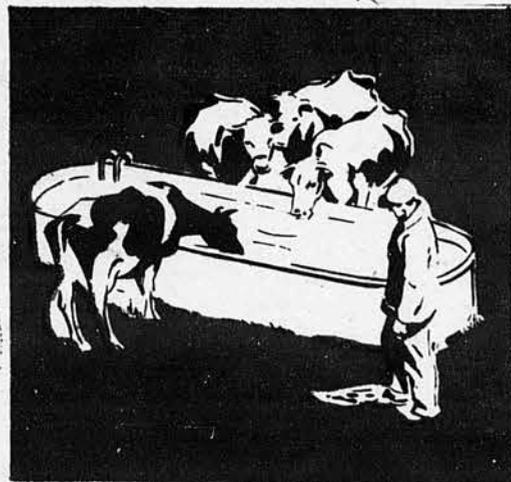
**Cooking with Philgas** is as automatic as cooking can be. It's fast, clean, thrifty . . . and really *dependable!* With Philgas you have a sparkling kitchen range that fits your needs *and* your budget!



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**Philgas is ideal** for stock tank heating, for chick brooders, milk can sterilizer heaters . . . other farm jobs. A central storage tank for Philgas, refilled occasionally by your Philgas distributor can supply all your needs.

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Write for special display requirements.  
Kansas Farmer, Topeka, Kan.

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For Sale: Case Tractor and Mower, \$650; International W9, \$1,550; Massey-Harris Stationary Cutter, \$375; Papee Crop Blower, new, \$625; No. 11 Cat Patrol, good, \$1,000; Cletrac tractor and dozer, \$1,250. Write or call Southwest Equipment Co., Inc., 114 E. Poplar, Dodge City, Kan. Phone 1682.

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**HONEY** MIXED WILDFLOWER (Dark) 60-lb. Can FOB **\$9.90**  
Extracted—Pure as bees can make it.  
60-lb. Can Clover, FOB, \$12.00  
12-lb. Can Clover (Postpaid to 600 mi.), 3.85  
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Order Promptly—Supply Limited  
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Black English Shepherd Pups. Breeder for 25 years. H. W. Chestnut, Chanute, Kan.

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Two Sets of "Deckledge" Prints with every 8-exposure roll finished 40c. Very finest quality. "Deckledge" reprints 3c each. Jumbo reprints 4c each. Brown Photo Company, 1910-32 Emerson, Minneapolis, Minn.

Eight-Exposure Roll printed one of each 25c; two each 35c; one each Jumbo 35c. Star Photo, Denver, Colo.

16 Jumbo Prints from any size roll or negatives, 35c, with this ad. I. Skrudland, Lake Geneva, Wis.

16 Prints or 8 Jumbos from roll or negatives, 25c with this ad. C. Skrudland, Box 486, Daytona Beach, Fla.

Two Prints each good negative, 8 exp. 45c; 12-exp. 65c; 16-exp. 85c; Reprints 4c. Mayfair Photo Service, Box 617-B, Toledo, O.

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### ● OF INTEREST TO WOMEN

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.

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Stainless Steel, Waterless Vaporseal, one quart sauce pans, \$6.50; eight, \$14.50; six, \$13.50; two, \$7.50; three, \$8.50. Pressure Cookers, Perculators, Oven Roasters, Milk Pails. Major Co., 71 Milford, Springfield, Mass.

### HI-NEIGHBOR!

How about some more of our fine quality quilt pieces, satisfaction guaranteed. \$1.19 pp., approx. 2 lbs. Free scissors sharpener with each order. **STREETER'S**, 2302 S. 17th., Chickasha, Okla.

### ● FEATHERS WANTED

West Chicago Pays More: Get highest cash prices for your goose and duck feathers. Send sample for prices of used feathers. Free shipping tags. Prompt payment. Company highly rated. West Chicago Feather Company, Dept. C. G., 172 N. Aberdeen St., Chicago 7, Ill.

### ● OF INTEREST TO ALL

Save Chicken Feed! Don't feed the sparrows high priced chicken-feed. My homemade trap guaranteed to catch them by the dozens. Easy to make. Plans 10c and stamp. Sparrowman, 1718 Lane, Topeka, Kan.

Polorzone Permanent Anti-Freeze (Ethylene Glycol) U. Spec. Retail at \$3.75 gal. Your price—\$2.75 gal. in 4-gal. cases. Save \$1.00 per gal. Watts Co., 416 Woodland, Toledo 2, Ohio.

Outdoor Toilets, Cesspools, Septic Tanks cleaned, deodorized. Amazing powder saves digging, pumping. Details free. Solvex 6, Monticello, Ia.

### ● REMEDIES—TREATMENTS

Free Book—Piles, Fistula, Colon-Stomach, associated conditions. Latest methods. Thornton & Minor Hospital, Suite C1006, Kansas City 3, Mo.

### ● AGENTS AND SALESMEN

\$50 for Spare Time selling only 100 exquisite \$1 Christmas Card Assortments. Exciting values sell on sight. Profits to 100% on complete line. Free samples Personalized Cards, Stationery; assortments on approval. Stuart Greetings, 325 W. Randolph, Dept. 838, Chicago 6.

### TREND OF THE MARKETS

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

	Week Ago	Month Ago	Year Ago
Fed Steers	\$34.00	\$34.50	\$39.50
Hogs	21.00	21.25	22.35
Lambs	23.50	28.50	30.50
Hens, 4 to 5 lbs.	.22	.22	.25
Eggs, Standards	.41	.40	.52
Butterfat, No. 1	.67	.70	.64
Wheat, No. 2, Hard	2.49 1/4	2.48 1/2	2.46
Corn, No. 2, Yellow	1.76 1/4	1.88 1/2	1.92
Oats, No. 2, White	.99	1.00 1/2	.96
Barley, No. 2	1.53	1.56	1.32
Alfalfa, No. 1	—	—	35.00
Prairie, No. 1	—	—	23.00

## HOGS

**PUREBRED SPOTTED POLAND CHINA BOARS**  
Top Quality — Ready for Service.  
**CARL BILLMAN**  
HOLTON, KANSAS

**REG. SPOTTED POLAND CHINA Boar and Gilt Sale**  
North Central Kansas Free Fair Grounds  
**Oct. 16, Belleville, Kan.**  
(Night Sale)  
**25 GILTS and 25 BOARS**  
Good, rugged, strong farmers boars.  
**ED PACHTA**  
BELLEVILLE, KANSAS

**Kansas Spotted Poland China Breeders' Assn. 4th Annual Boar & Gilt Sale**  
4-H Barn, Free Fair Grounds  
**Topeka, Kansas**  
**Tuesday, Oct. 28**  
**50 Head—25 Boars & 25 Gilts**  
"For money in lot's buy Kansas Spots"  
For catalog write  
**H. E. HOLLIDAY**  
RICHLAND, KANSAS  
Chas. Taylor, Auctioneer

**AUCTION SALE**  
**60 Head Pedigreed Spotted Poland BOARS AND GILTS**  
**Oct. 13, 1952**  
**Fairbury, Nebr.**  
Sale at 1:00 P. M.  
**H. J. MCKEEVER**  
MAHASKA, KANSAS

**BAUER'S ANNUAL BOAR AND GILT SALE**  
Featuring Production Proven Poland Chinas  
From our reputable prolific sow herd.  
Fair grounds  
**FAIRBURY, NEBRASKA**  
(Just over the line in Nebraska)  
**SATURDAY, OCTOBER 11**  
Sale at 1:00 P. M.  
**SELLING**  
**35 BOARS, 20 GILTS, 2 FALL BOARS**  
New breeding for old customers.  
**WELL GROWN, RUGGED BOARS & GILTS**  
(This offering will be inspected and approved by a licensed vet. approved by the Federal Bureau of Animal Industry and the State Vet's office within 2 days of the sale.)  
For information and catalogs write  
**BAUER BROTHERS, Gladstone, Nebr.**

**Boar & Gilt Sale**  
**THURSDAY**  
**October 16, 1952**  
Spotted Polands at 1:00 P. M.  
Durocs at 7:30 P. M.  
**FAIRGROUNDS**  
**Fairbury, Nebraska**  
**WAYNE L. DAVIS**  
Mahaska, Kansas  
**VERN HARDENBERGER**  
Narka, Kansas

**THE NORTH CENTRAL KANSAS DUROC BREEDERS SHOW AND SALE**  
of Spring Boars and Gilts  
**October 17, Belleville, Kan.**  
**FAIRGROUNDS**  
Show at 10 A. M. — Sale at 1 P. M.  
**Selling around 40 head**  
Consigned by the top Duroc breeders in North Central Kansas.  
For catalog write to  
**EDWARD F. BLECHA, Sale Manager**  
Munden, Kansas

**DUROC SALE**  
**Waldo's Boar and Gilt Sale**  
**Wed., October 15**  
1:00 P. M.  
**DeWitt, Nebraska**  
45 miles north of Marysville, Kan.

**150 HEAD**  
Medium type, fast growing, prolific, meat type boars and gilts.  
Buy from Nebraska's Largest Herd or "Home of the World's Heaviest P. R. Litter"  
For catalog write  
**WILLARD H. WALDO**  
DeWITT, NEBRASKA

**Special Duroc Boar and Gilt Sale**  
**NEWTON, KANSAS**  
**October 16, 1952**  
Night Sale  
Beginning at 7:30 P. M. at the 4-H Club bldg. Fair grounds.  
Selling 50 head of selected boars, open gilts and bred gilts and sows.  
**J. A. Voth & Sons, Schmucker Bros. and Herman Popp, selling**  
Catalog write:  
**HAROLD VOTH, Newton, Kansas**

**DUROC SPRING BOARS for Sale**  
Most of these boars are sired by a good son of "Distinction." In 1949 Distinction was the \$2,500 Indiana junior champion. In 1951 he was premier sire of Iowa. You are invited to look them over.  
**LESLIE A. STEWART, Americus, Kansas**

**Rowe's Annual Poland China BOAR & GILT SALE**  
**Oct. 20, 1952**  
at the farm  
**Scranton, Kansas**  
**35 HEAD — 20 Boars and 15 Gilts**  
Most of the offering sired by "Silver Star" our popular herd sire. One litter by "Silver Ace." This is new blood for our old customers. A special offer to 4-H and FFA buyers, a breeding privilege will be given free of charge to any 4-H or FFA boy or girl who purchases a gilt in this sale. Any 4-H or FFA member who exhibits a winning barrow from this herd, we will duplicate the prize money won.  
The offering is Cholera immune and Bang's tested. In all the years we have bred Poland China hogs this is without a doubt the finest offering we have ever sold.  
**C. R. ROWE & SON, Scranton, Kansas**  
Mike Wilson, Auctioneer



**HOGS**

**Reg. Duroc and Hampshire BOAR & GILT SALE**

**October 11, 1952**

Sale Barn

**Hiawatha, Kan.**

**13 Duroc Boars—10 Open Gilts  
22 Hampshire Gilts  
2 Hampshire Boars**

This offering is produced by the Powhattan FFA Class. It is a good offering, well bred and well grown. An opportunity for farmers and breeders to purchase seed stock of outstanding quality and at the same time promote the FFA organization.

For information write  
**JACK CRABTREE**  
Instructor and Sale Manager  
Powhattan, Kansas

**Show Window Event for Kansas Durocs  
Boar and Gilt Sale**

at Farm, 1:30 P. M.

**Americus, Kansas**

**Sat., October 11, 1952**



Entire offering sired by Master Construction, \$1,900 Illinois Junior and reserve grand champion of 1949, responsible for top bred gilt sale of breed, spring 1950, sired the \$1,000 Junior champion boar of Minnesota 1950. New breeding, a clean healthy herd. Send for catalog.

A buyers opportunity.

**Willis Huston, Americus, Kan.**

**15 TOP DUROC BOARS  
25 BROODY DUROC GILTS  
SELL MONDAY, OCTOBER 13**

at the purebred livestock pavilion  
**SOUTH ST. JOSEPH, MO.**

(Time 1:30 P. M.)

The offering is sired by The 49er and Star Velvet.

We consider this the best offering of boars and gilts we have ever sold. We sell the 52er, a Junior spring boar which we consider better at this age than the Illinois reserve senior champion which we bred and was shown at the Illinois State Fair 1952. Note—Our sale offering and herd free from any disease.

For sale catalog write  
**EARL MARTIN & SON**  
DeKALB, MISSOURI  
Auctioneer—Bert Powell

**Registered Hampshire Boar & Gilt Sale**

**October 21, 1952**

8:00 P. M. (Night Sale)

**Belleville, Kansas**

at the fairgrounds



**30 Head of Boars and 30 Head of Open Gilts. Sired by Kansas Flashie and Miracle Major.**

For catalogs and information write  
**C. E. McCLURE, Owner**  
REPUBLIC, KANSAS

**Registered Hampshire Boar & Gilt Sale**

**Wednesday, October 22, 1952**

at the farm at 1:00 P. M.

**Randolph, Kansas**

**35 Registered Boars and 25 Registered Gilts.  
7 Gilts Not Eligible to Register**

This offering is the best we have ever produced. They are large, well grown and in ideal breeding condition. They have extra length, heavy bone and are the trim, solid meat type. Our herd is in good health and free from all disease. The offering will be Bang's tested before sale day. For catalog write

**R. E. BERGSTEN & SONS, Randolph, Kansas**  
Col. Bert Powell, Auctioneer Mike Wilson for Kansas Farmer

**FOR SALE—200 head medium type DUROC BOARS and GILTS**

Willard Waldo, DeWitt, Nebraska

**FOR SALE: QUALITY DUROC BOARS and GILTS**

Sired by "Fancy Velvet," "Pioneers Ace" and "Quality Boy 1st."  
**ARTHUR ROEPKE, Waterville, Kansas**

**Real Duroc Herd Headers**

New breeding for old customers. Farmer prices. See our entries in State and District Shows and Sales.

**VERN V. ALBRECHT, Smith Center, Kansas**

**Berkshire Hogs Increase Net Profits**

Leading meat-type breed, best foragers, prolific. Write for magazine, literature and list of nearby breeders.

**AMERICAN BERKSHIRE ASSOCIATION  
601-M West Monroe, Springfield, Illinois**

**BERKSHIRE Boar & Gilt Sale**

Few Bred Gilts, Sows and Litters

Fairgrounds

**Abilene, Kansas**

**Monday, October 13**

Sale at 1:00 P. M.

**DEAN FUNSTON**

Abilene, Kansas, and  
**T. E. FRAIN & SONS**  
Minneapolis, Kansas

**FOR SALE REG. HAMPSHIRE BOARS**

by Valley Ambassador Jr., champion Kansas State Fair, 1951

**ED PACHTA, Belleville, Kansas**

**PUREBRED LIVESTOCK SALE**

**OCTOBER 13, 1952**

at the farm 3 miles south 1/2 east of

**LONGTON, KANSAS**

**50 Reg. Shropshire Sheep  
25 Reg. Duroc Hogs  
16 Purebred Jerseys  
20 Grade Sheep**

The livestock in this sale represents the best of bloodlines and are good individuals. A lifetime has been spent in producing and building the flock and herd that we are dispersing. Plan now to attend.

Write or contact

**H. D. PLUMMER**  
ELK CITY, KANSAS

Mike Wilson, Auctioneer

**Dual-Purpose CATTLE**

**10th Annual Kansas MILKING SHORTHORN**

BREEDERS SALE

**October 31, 1952**

Fairgrounds

**Hutchinson, Kansas**

**35 FEMALES—5 BULLS**

"The Dual Purpose Security Sale"

For catalog write:

**C. O. HEIDBRECHT, Secretary  
INMAN, KANSAS**

**RED POLL BULL FOR SALE**

Landmark Scottie, No. 77168, calved November 17, 1950. Sired by Landmark Landy; dam Landmark Sybil, A. R. M-11024, B. F. 437.4 in 312 da., bred by Clemens Landwehr, St. Cloud, Minn. He is a good individual and is gentle. From the herd with the highest butterfat average for Red Polls in the U. S. Priced very reasonable. Call, see or write **HERMAN SIEMENS, Buhler, Kan.**

**REG. MILKING SHORTHORNS**

All-white bull calf, best of breeding, calved in April. From Grade A herd. Visitors welcome.  
**BYRON WARTA, Valley Falls, Kansas**

**It's SHORTHORN Time at Salina**  
If You Are on the Trail of the "Good Ones" Come to the  
**TWELFTH ANNUAL MID-KANSAS**

**Shorthorn Breeders' Sale**  
**Friday, Oct. 31, 1952**



**Salina, Kansas**

Saline County Fairgrounds

**SHOW AT 9:00 A. M.**

Judge—Wm. Thorne

**SALE AT 12:30 P. M.**

Auctioneer—C. D. (Pete) Swaffar

**SELLING 46 BULLS, 17 FEMALES**

**Outstanding Range and Herd Bull Opportunities**

25 of these bulls will be 2 years of age by the time pasture is ready next spring. The others are summer yearlings and senior bull calves that are all ready for service by sale time. Half brothers to champions here at Salina for the past three years . . . half brothers to some of the top-selling bulls in the 1951 National Range Bull Performance Show and Sale at Broken Bow, Nebr. Bulls are bound to be higher in the spring, so save yourself some money and be assured of the best selection by buying in this reliable Mid-Kansas event.

**17 Bred and Open Heifers**

One of the choicest groups of females ever offered at Salina. Ideal selections for herd replacements or for the establishment of new herds.

These cattle are consigned by 22 of the top-registered Shorthorn breeders in Kansas.

**See for Yourself**

. . . that's right, come to Salina, on October 31 and see the real quality being offered in this sale. Consignors have done their best to assemble an offering worthy of your confidence in thoroughly dependable bulls and females.

**4-H Calf Club Sale**, a dozen or more outstanding club calf prospects will be sold at 12:30 P. M.

Farmers, commercial cattle producers and purebred breeders alike will find what they want in this sale. Everything sells fully guaranteed and Tb. and Bang's tested.

For the catalog and other information, address

**MERVIN F. AEGERTER, Sale Manager**  
SEWARD, NEBRASKA

**CONSIGNORS**

Miles Austin & Sons, Rosalia; R. L. Bach, Larned; T. R. Cantwell & Son, Sterling; Ralph and James Collier, Alta Vista; Judith Crowther, Rt. 2, Salina; E. W. Davidson, Americus; Adam Dietz, Galatia; Palmer M. Dietz, Galatia; Adolph A. Dumler, Rt. 3, Box 76, Russell; Lawrence L. Feltner, Burlington; Emerson S. Good, Barnard; W. Harshman & Son, Clements; E. C. Lacy, Miltonvale; C. T. Linsey & Sons, Lebo; Edd R. Markee & Sons, Potwin; John F. Miles, Goddard; John A. Morgan & Sons, Hutchinson; Milton H. Nagely, Abilene; Arthur Nelson, New Cambria; Leo D. Schmitz, Marysville; Lawrence R. Smith, Gorham and Tomson Bros., Wakarusa.

**Shorthorn Feeder Calf Sale**

**OCTOBER 15, 1952**

**SALINA, KANSAS**

Beverly Sales Pavilion

**Over 800 Head of Steer and Heifer Calves Will Be Consigned**

The calves will be judged at 9:30 A. M. and the sale will be held at 1:00 P. M.

Calves will be judged in the following classifications. Pen of 5 steer calves. Pen of 5 heifer calves. Pen of 10 steer calves. Pen of 10 heifer calves. Pen of 20 steer calves. Pen of 20 heifer calves. If judges deem it advisable the above classes will be divided into light and heavy weight class.

Nominations for the sale must be in by October 7th. Sale charge is 2% of selling price. No other charges.

For information contact

**LOT F. TAYLOR, Sale Manager, Manhattan, Kan.**

**J. R. KENNER, Hebron, Nebr., and BUSS & LOSEKE, Columbus, Nebr., Present . . .**

**Proof of the "Puddin'"**



Four National and State Grand Champions and Top Selling Polled Shorthorn Bulls have been produced in these 2 Top Nebraska Herds during the past 3 years.

Buy This Stable, Able and Constructive Breeding in the  
**KENNER FARMS—BUSS & LOSEKE  
POLLED SHORTHORN PRODUCTION SALE**

**Tuesday, October 21, Hebron, Nebraska**

1:00 P. M. — Hebron Sales Pavilion

**Selling**

**14 Bulls, 10 Bred Heifers, 10 Open Heifers, 22 Cows with Calves at Foot and Rebred**

The bulls are mostly yearling and 2-year-olds by Gold Gloster X and Cloverdale Regent X. The females are also by Gold Gloster X and Cloverdale Regent X and mated to Collynie Nobleman and Coronet Max Juggler 9th.

For catalog write

**MERVIN F. AEGERTER, Sale Manager, Seward, Nebraska**  
J. E. Halsey, Auctioneer

# Political Campaign Grows Warmer As Autumn Days Cool Off

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

NEXT NOVEMBER 4 will mark the end of perhaps the "weirdest" political campaign in nearly a century of American politics. The 1852 campaign, in which the Whigs straddled on about every issue involved, paved the way for the formation of the Republican party in 1856.

As previously noted, the 2 presidential candidates this year have practically removed the farm program as a political issue. In their speeches at Kasson, Minn., delivered on the same day at the national plowing contest, both Republican Eisenhower and Democrat Stevenson promised to carry on the present program, with improvements. Both promised not to overturn the action of Congress in continuing 90 per cent of parity price supports the com-

ing 2 years; General Eisenhower declared in favor of 100 per cent of parity prices "as a goal." Both promised a study of the problem of perishable farm products, with the view of some form of government support for these.

With election just a month away, it looks from here as if Senators Taft of Ohio, McCarthy of Wisconsin, and Nixon of California came to the rescue of General Eisenhower in the nick of time. If elected, the General probably will owe much of his victory to these 3 men, 2 of whom (Taft and McCarthy) have been anathema to the group which nominated Eisenhower at the Chicago convention last July. And the General, waiting to investigate, only okayed Nixon—result of the special fund discovery—after tens of thousands of tel-

egrams came in urging the Californian be kept on the ticket.

Incidentally, the Nixon expose seems to have backfired on the Democrats. There were insistent demands—from Leftists generally—that Nixon get off the ticket. These had not forgotten that Nixon was the driving force that resulted in sending Alger Hiss to the penitentiary. Earlier in the campaign these same forces had persuaded Eisenhower that Senator McCarthy was just plain political poison. The General's first trip thru Midwest states pointedly kept out of Wisconsin. Then came McCarthy's astounding 335,000 primary win for renomination; the next Eisenhower Midwest itinerary just as pointedly includes Wisconsin. Last month of the Eisenhower campaign, in view of the McCarthy and Nixon hold on the anti-Communist voters, will bear more heavily on the Communist issue and not give so much of the stage to corruption in public life, it is indicated.

Nixon received some \$18,000 after his election to the Senate in 1950, to

help pay the cost of maintaining his office and carrying on his anti-Communism crusade, from 76 or so fellow Californians. His salary and allowances from the Federal Treasury come to just under \$75,000 a year, including salaries of 13 office employees. Nixon promptly made public the names of the contributors, and amounts donated by each.

During the melee it was developed that Gov. Adlai Stevenson, Democrat nominee for President, had a special fund of his own as Governor of Illinois—contributed from private sources—which he said was used to pay bonuses to state officials whom he had persuaded to enter state employment, where these could not afford to take the job at regular state salaries.

Nixon's vindication, however, down the road could lead to this practice of members of Congress—and other public officials—accepting funds from private sources in addition to the salaries and expense allowances from public treasuries.

And in some instances, a heavy—or even not so heavy—contributor to a legislator's "special expense fund" will expect some favor in return. The practice seems not too sound to be included in a program to halt corruption.

Two questions asked frequently since the affair Nixon hit the headlines:

How much does a U. S. Senator get in salary and expenses from the Federal Treasury? Why should they need more?

A U. S. Senator now gets a salary of \$12,500 a year, which is subject to income taxes. He also gets an expense allowance of \$2,500 a year, income tax exempt. A member of the House of Representatives gets the same salary and expense allowance. The tax-exempt feature of the expense allowance was abolished by the present Congress, effective next January 3. But in its place members will get a big tax exemption for expenses while in Washington.

In addition, Senators get a sizable amount, varying according to the population of the State he represents, to pay his office help. In the case of Senator Nixon this amounts to about \$63,000 a year. Also available are unlimited franking privileges on regular mail for official business; \$132 a year for air mail and special delivery; \$800 a year for stationery; \$450 for long-distance telephone calls; \$900 for office space in his home state, a nominal amount for telegraph service—plus the often-advertised free shaves and haircuts.

Representatives get similar miscellaneous allowances, but not nearly so much for clerical help; average Congressman gets about \$18,000 a year for clerical help. All members get 20 cents a mile for one round trip, home to Washington and return, each session.

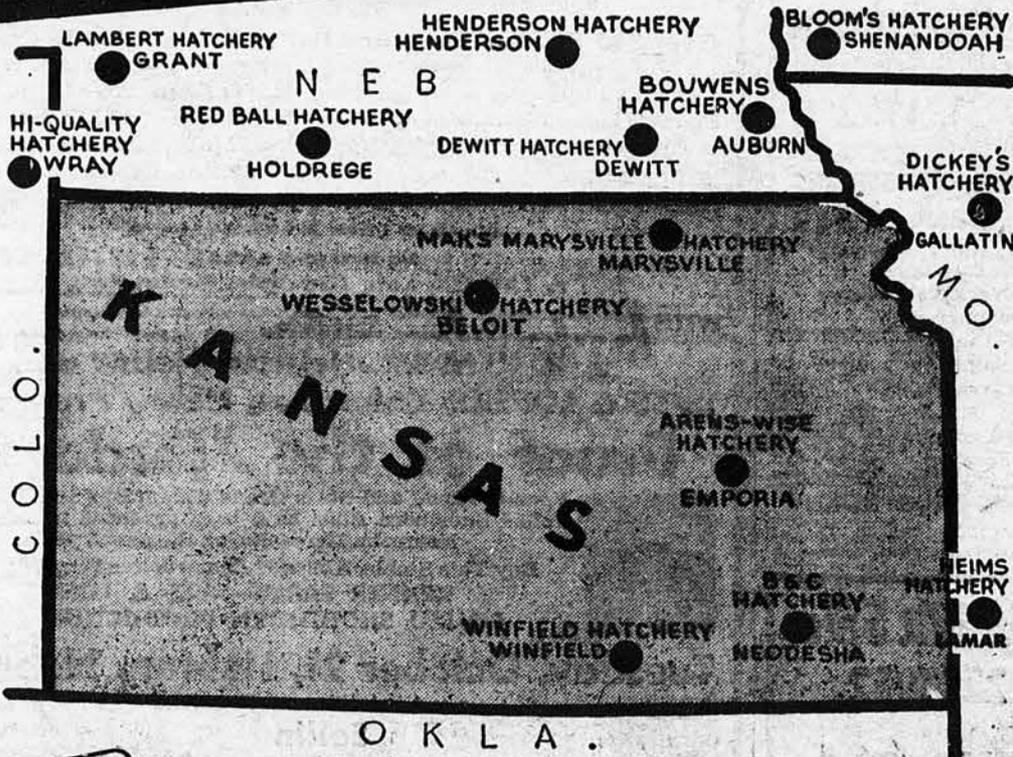
Most members of both Senate and House will agree they cannot do and get done all the things they feel they ought to do for their constituents, their country, and themselves (for re-election) on the salary and allowances they receive. Some men retain an interest in their law offices; some have an income from business or inheritances; others make lecture tours. Vice-President Barkley is very frank about the fact that he could not afford to remain in public office if he did not receive a number of "honorariums" every year for speeches and addresses. Many years ago Barkley and the late Rep. J. N. (Poly) Tincher of Kansas used to tour the Chautauqua circuits together, Barkley speaking for the Republicans and Tincher for the Democrats.

There probably will be a flood of bills in the next Congress to meet the situation. Sen. Clinton Anderson (N.M.) has suggested that salaries and allowances be tied to the price index changes since 1939, pointing out that cost of living, legislating and campaigning have risen much faster than members' salaries. David Lawrence suggests some plan by which the Federal Government will pay certain campaign expenses of candidates for Congress. Another proposal is that taking donations be authorized by requiring detailed accounts.

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"I'll be hatched and serviced by one of these neighboring hatcheries"



# DEKALB CHIX

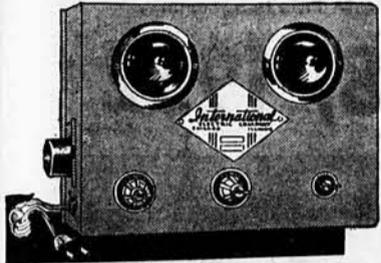
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**\* SAVE 60 to 90% on your FENCING COSTS**

- By using International WEED-CHOPPER Fencer to put electricity to work for you.
- By using an International WEED-CHOPPER Fencer to teach your stock "Fence Manners."

FOR ONLY \$29.50 you can electrify many miles of fencing... and your stock will remain in bounds—won't stretch or push down fences. See your International Dealer or write direct for Free booklet: "HOW to Build a Good Electric Fence."



**106 "WEED-CHOPPER" ®—\$29.50**  
Will not short out because of weeds or grass growing up to fence line. Other electric or battery models from \$12.95 up.

**INTERNATIONAL FENCER CO.**  
1105-B W. Chicago Avenue—Chicago, Illinois  
• 18-ga. copper covered steel wire, 53 angle posts with insulators and a "WEED-CHOPPER" ® costs only \$69.66 for 1/2-mile of fence.

**B-M-B Utility Cutter**



**CUTS SHREDS MOWS**  
Quickly and easily attached to any 3-point hook-up tractor. Cuts corn stalks, weeds, crop residue, buck brush, heavy growth of all kinds. Cuts a swath 42" or 60" wide, 1-18" high. Operates forward or reverse. Save time! Save work! Save money! If your dealer can't supply you, call or write

**B-M-B COMPANY, INC.**  
Dept. 54 Helton 1, Kansas  
DISTRIBUTED BY  
K. C. Tractor & Implement Co., 1340 Burlington North Kansas City, Mo., Telephone NOrway 4700

**Kidney Slow-Down May Bring Restless Nights**

When kidney function slows down, many folks complain of nagging backache, headaches, dizziness and loss of pep and energy. Don't suffer restless nights with these discomforts if reduced kidney function is getting you down—due to such common causes as stress and strain, over-exertion or exposure to cold. Minor bladder irritations due to cold or wrong diet may cause getting up nights or frequent passages. Don't neglect your kidneys if these conditions bother you. Try Doan's Pills—a mild diuretic. Used successfully by millions for over 50 years. It's amazing how many times Doan's give happy relief from these discomforts—help the 15 miles of kidney tubes and filters flush out waste. Get Doan's Pills today!

**RELIABLE ADVERTISERS ONLY ARE ACCEPTED IN KANSAS FARMER**

**That's for Me!**



This man is about to make a good investment! He's going to buy an INTERLOCKING STAVE SILO. He'll cut his feed costs, produce better beef and have an investment that will pay for itself many times over in the years to come! Send for FREE folder TODAY!

**NOW AVAILABLE 14-, 16-, and 18-foot Galvanized Iron Roofs \$35 DOWN PAYMENT**

**INTERLOCKING STAVE SILO CO.**  
701 E. Murdock • Wichita, Kansas

I would like information on the following:

DRUGS  GRAIN AND INDUSTRIAL STORAGE  SILO BLOWER

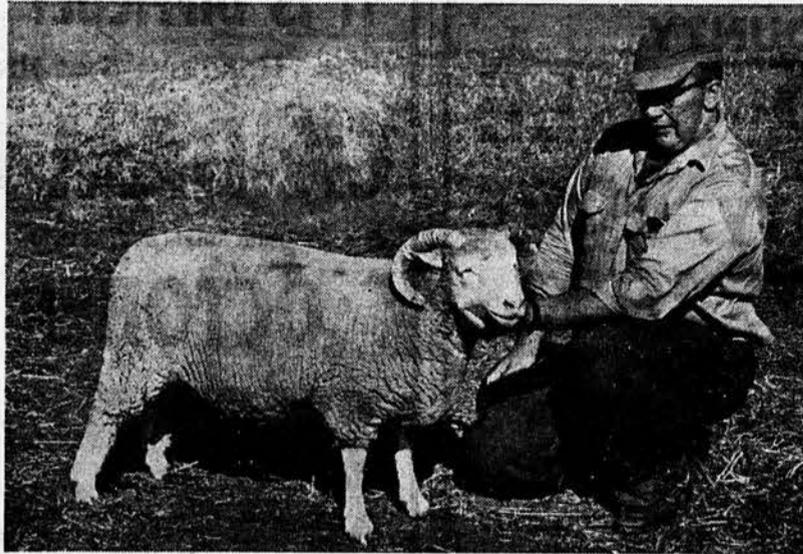
VAN DALE SILO UNLOADER  BEAR CAT 2-ROW STORAGE HARVESTER

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

**CHAMPION DORSET EWE**



**CHAMPION DORSET** ewe at Kansas State Fair was Glassburner 147, owned by L. R. Glassburner, Wichita. Holding is D. O. Smith, Macks-ville.

**New Contest Directed To Farm Families**

General Mills, makers of Gold Medal Flour, are sponsoring a brand-new kind of contest—it's especially for farm families. The advertisement announcing the contest is on page 31 of this issue. The contest is easy and fun and the whole family can help write the entry.

Entrants will have the pleasure of making a batch of bread with Gold Medal all-purpose flour and Betty Crocker's recipe, and then simply telling why they think it is better bread.

The prizes, too, have a special appeal for farm families. There are 5 first prizes, each a big 20-cubic-foot Crosley Shelvador home freezer. The freezer holds up to 700 pounds of frozen food and the adjustable temperature control can be set for either fast freezing or storage.

There are 5 second prizes, each a 12.1-cubic-foot Crosley Twin Automatic refrigerator with separate freezing compartment that holds up to 77 pounds of frozen food.

Ten third prizes, each a Betty Crocker Tru-Heat iron with steam attachment for the easiest pressing ever.

Ten fourth prizes, each a fully-automatic Betty Crocker toaster.

Twenty fifth prizes, each a de luxe, ring-bound edition of Betty Crocker's famous picture cookbook.

Because this contest advertisement appears only in a few farm papers, your chances of winning are greatly increased.

**Ed Frakes Wins Ayrshire Contest**

State winner of the dairy production contest for the Ayrshire breed is Eddie Frakes, 16-year-old son of Mr. and Mrs. Charles Frakes, Valley Falls.

Second-place winner in 1951, Eddie is a member of the Bluemound 4-H Club, Jefferson county. A member for 6 years, he has carried a dairy project each year. From a beginning of an Ayrshire heifer, Eddie has built up a registered purebred herd of 3 cows, 3 heifer calves and a registered bull.

The production contest requires accurate record keeping, and turning in monthly reports, essays and a yearly summary. He values his work at over \$5,000.

Eddie won an expense-paid trip to the National Dairy Congress at Waterloo, Ia., September 27 to October 2.

**New Truck Pact**

Kansas and Wisconsin have signed a truck pact. The reciprocal agreement, effective September 1, exempts some vehicles from paying certain fees to the respective states. Some vehicles exempted are those transporting owners' livestock or produce to farm or market; those carrying tools or prop-

erty belonging to owner of vehicle and used in repair, building and construction work; those transporting owner's property which is not for sale.

Kansas recently has made reciprocal agreements with Iowa, Illinois, Oklahoma, Colorado, New Mexico and Utah. Following the May, 1952, agreement with Oklahoma, there was an increase in truck shipments of Oklahoma livestock into the Wichita Union Stockyards during a slack season of the year—in early July.

**New 4-H Agent in Miami County**

New county 4-H Club agent in Miami county is Roger Hecht, Kensington. He succeeds Dick Moody, now with a fertilizer company at Topeka. Mr. Hecht was graduated from Kansas State College in 1948, with an agricultural journalism degree. Since then he has been a veterans' on-the-farm training instructor at Norton.

**WIRE WINDER**  
Roll and unroll barbed wire with tractor power and speed. Heavy duty slip clutch... Keeps wire tight. Collapsible spool. Very low cost. Write for FREE literature.  
**MIDWEST WIRE & STEEL CO.**  
Dept. 39, 535 South Concord St. South St. Paul, Minn.

**GIGANTIC SURPLUS SALE!**

- Power Plants
- Hand Winches
- Chain Hoists
- Telephones
- Binoculars
- Barometers
- Air Compressors
- Water Pumps
- Electric Tools
- Contour Levels
- Flood-Lights
- Air Grease Guns
- 100's other items
- Paint Spray Outfits
- Gasoline Chain Saws
- Weed Spray Outfits
- Electric Drills
- Hydraulic Units

We pay all freight. Rush card for large illustrated bargain sale catalog. Send today.

**BURDEN SALES COMPANY**  
877-9 "O" ST. LINCOLN, NEBRASKA

**Special Lot—Brand New CORRUGATED ROOFING**  
Bargain at \$6.90 per square  
Painted Army color both sides.  
28-gauge 1 1/4" and 2 1/2" Corrug. 28" Wide

Length	Per Sheet	Length	Per Sheet
7 Ft.	\$1.05	8 Ft.	\$1.20
10 Ft.	\$1.50	12 Ft.	\$1.79

**BRICK PATTERN SIDING**  
Ideal for Living Grain Bins and Covering Outside Walls. 28 Gauge—Painted both sides. 28" Wide, 5 Ft. Length.  
**88c per sheet**  
Prices F. O. B., Kansas City. Immediate Shipment. Mail Orders Accepted. Enclose Remittance and Kansas Use Tax

**Brown - Strauss CORPORATION**  
1546 Guinotte Kansas City 20, Mo. Tel. HA. 1000

**SAVE MONEY**  
Clean your seed grain on your own farm and avoid the risk of having it mixed with others.

**VIKING GRAIN CLEANER**

This combination fanning mill, wild oats separator, and seed grader does three jobs in one operation—cleans, separates and grades all grains.

Write for folder and name of dealer near you.

**PIONEER FANNING MILL CO.**  
1332-V North Second Street Minneapolis 11, Minnesota

**Gmalass DRIED BLACKSTRAP MOLASSES**

For sweet silage, that keeps better, is more nutritious and more palatable—add OMALASS, the DRY BLACKSTRAP MOLASSES. Economical, no waste. Can be sprinkled or blown in. Write for Free literature.

**Gmalass**  
1901 EAST EUCLID AVE. DES MOINES 13, IOWA

**MANURE HANDLING MADE EASY AND MANY OTHER JOBS DONE FASTER • BETTER • CHEAPER**

WITH A **Jayhawk HYDRAULIC LOADER**

**BIG CAPACITY LOW CLEARANCE SPEEDY LIFT...**

Made with larger 48" combination scoop and manure fork. Equipped with patented automatic load lever that balances the scoop at all heights. Operated by single precision machined cylinder for a fast, equalized lift. Long tined manure fork available in place of combination scoop if desired. Bulldozer, push-off stacker, sweep, crane and snow scoop attachments.

OPERATES OFF MOST TRACTOR BUILT-IN PUMPS  
★ EASILY ATTACHED TO ALL POPULAR ROW CROP AND WIDE TREAD TRACTORS

See it at your Jayhawk dealer's. Write direct for FREE CIRCULAR and prices.

**THE WYATT MFG. CO., INC.** JAYHAWK FARM IMPLEMENTS SINCE 1903  
DEPT. L-550 SALINA, KANSAS

SIXTH ANNUAL  
COWLEY COUNTY  
**HEREFORD SALE**  
Arkansas City, Kan.  
November 7, 1952

ARMORY BUILDING

SHOW AT 10 A. M. — SALE AT 1 P. M.



Bulls  
sifted  
to 33

Cows  
sifted  
to 22

Offering top quality bloodlines selected from following consignors:

J. Blaine Adams, Dexter  
Brazle & Busch, Cambridge  
Chas. H. Cloud, Winfield  
Kenneth Gatton, Cambridge  
Robt. N. Hearne, Arkansas City  
Marvin Purdy, Oxford  
Richardson & Son, Winfield  
C. C. Sherwood, Silverdale

Stelbar Ranch, Douglass  
Alfred Taylor, Oxford  
Kenneth Sharp & Son, Winfield  
Waite Bros., Winfield  
Leon Waite, Winfield  
Jay Williams, Burden  
C. P. Williams, Burden  
E. L. Womacka, Atlanta

For catalog write

**CHAS. H. CLOUD, Winfield, Kansas**

Freddie Chandler Auctioneer

Mike Wilson for Kansas Farmer

**IT IS DIFFICULT** to show 35 calves in a picture so they can be studied.  
Here are 5 of the 35 Selling in the  
**CK DAM-CALF SALE**

Sale Starts at 1:00 P. M. — Note This Is Saturday.

**OCTOBER 18, 1952**



All 35 of these will make good to top bulls. Some are sure to be

**BREED-IMPROVING BULLS**

The Dams Are Bred Back

Nowhere Can More Value Be Found in an Auction Sale

**SIRES OF CALVES**

CK Crusty's—sons of Cruiser D34  
CK Cascade 28  
Publican 170  
CK Colorado Domino

Write for Catalog

Come  
Oct. 18  
1952

**CK RANCH**

Brookville,  
Kan.  
18 miles west of  
Salina on Hiway 40.

**OVERSTREET'S LARRY SALE**

Thursday, October 16, 1952

at Eureka Sales Pavilion

**Eureka, Kansas**

72—HEAD SELL—72



Featuring the get of  
MW Prince Larry 12 and Vagabond Larry,  
sons of MW Larry Domino 37.

- |                              |   |                                                                                                                                                                                               |
|------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M W PRINCE LARRY 12—5056397  | — | VAGABOND LARRY—5702500, Full Brothers                                                                                                                                                         |
| M W Larry Domino 37—4 214428 | { | Larry Domino 5 0 { Prince Domino Mixer<br>Miss Sturgess { Carolyn Domino<br>Superior 30<br>Belle Treblow<br>Dandy Domino 98<br>Princess Domino 75<br>Mischief Mixer 28<br>Belle Dominator 100 |
|                              | { | Colo. Princess J 65 { Mischief Lass 62                                                                                                                                                        |
| M W Miss Vagabond 18—3957180 | { | Vagabond Mischief { Hoosler Mischief<br>Hoosler Lady 99 { Bartha Mixer 2<br>Mischief Blanchard<br>Sister Bonnie<br>Dandy Domino 98<br>Princess Domino 75<br>Dandy Domino 2<br>Lindellette 4   |
|                              | { | Colo. Princess J 100 { Colorado Domino 236<br>Princess Domino 69                                                                                                                              |

20 BULLS—3 Junior Yearlings, 13 Senior Calves, 4 Junior Calves.  
30 HEIFERS—3 Junior Yearlings, 16 Senior Calves, 11 Junior Calves.  
12 COWS with Larry calves at side.

All except cows are grandsons or granddaughters of MW Larry Dom. 37th  
As this is our first sale we hope to make it a successful one. We are putting  
in many good cattle that we would ordinarily keep for replacement. Cattle  
will be on the ranch at Rosalia until sale day. They invite your inspection.

Write for catalog

**J. R. OVERSTREET, Newton, Kansas**

Auctioneer: Gene Watson

Mike Wilson for Kansas Farmer

**Sun Sales Service Salina, Kansas**  
Gene Sundgren, Mgr.

To give the buyer of cattle an opportunity to get a large selection of the quality and kind of cattle he is looking for we have formed the Sun Sales Service, centrally located in the cattle country at Salina, Kansas. We believe we can give you a larger selection from our listings and the information we have on cattle available than you can find anywhere else. Let us know your wants and if we do not have what you want listed we will find them for you. Our experience and reputation guarantee your satisfaction.

We have listed for sale entire Registered Hereford herds, polled and horned, cows with calves, bred cows and heifers, open heifers, herd bull prospects, farm and range bulls, one or a hundred. We have the quality you want at the best prices you can find anywhere. Come and see what we have to fill your needs.

IF YOU HAVE

Something to Sell See the Sun Sales Service

PHONE 7-2848 Salina, Kansas P.O. BOX 144

**REG. HEREFORD SALE**  
October 22, 1952

1:00 P. M. AT THE FARM

40 HEAD — 12 Heifers and 28 Bulls

We are selling our 1952 spring calf crop and our 1952 show herd. Most of the calves selling are grandsons and granddaughters of MW Larry Domino 37th. Also some grandsons and granddaughters of WHR Royal Tredway 8th, MW Larry Domino 50th, Baca Royal Domino 21st and NHR Super Donald 9th.

PHIL H. ADRIAN, Moundridge, Kan. — DR. JOHN HERTZLER, Newton, Kan.



# Lincoln County HEREFORD BREEDERS ASSOC. SHOW AND SALE November 6, 1952 Sylvan Grove, Kansas

Show at 9:30 a. m. — Sale at 1:00 p. m.  
49 HEAD—30 Bulls and 19 Females

The cattle are selected from the good Hereford herds of Lincoln County. Consignors:

JAMES F. WRIGHT, Hunter  
ELMER REBENSTORF, Sylvan Grove  
LEWIS A. WILLIAMS, Hunter  
FLOYD SOWERS, Vesper  
WALTER GOLDGRABE, Sylvan Grove  
K O CATTLE CO, Sylvan Grove  
F. R. BLANDING, Barnard  
ARMIN MEITLER, Lucas

VERDON PECKHAM, Hunter  
O. M. WRIGHT, Vesper  
ETHEL WRIGHT GEERING, Vesper  
OETTING BROS., Beverly  
H. H. BLAIR, Barnard  
GEORGE W. MURRAY, Jr., Barnard  
EDWIN GOLDGRABE, Sylvan Grove

Joe Lewis, Larned, Kan., Judge  
Freddie Chandler, Auctioneer  
Sale committee: James Wright, F. R. Blanding, Glenn Mueller, George W. Murray, President

For catalogs write:

EDWIN GOLDGRABE, Secretary, Sylvan Grove, Kan.

# ANNUAL HEREFORD PRODUCTION SALE October 25, 1952



at the Civic Center Building

## Horton, Kansas

Selling 92 head of registered Herefords. Sale at 1:00 P. M.

13 Yearling Bulls — 14 Yearling Heifers — 3 Heifer Calves

All sired by WHR Tredway 55th. William Belden is also selling his tried herd sire WHR Emblem 30th, one-half brother to the great Heinz bull WHR Emblem 27th. 7 cows with calves at foot. 4 yearling bulls. 4 bull calves. 1 heifer calf. All sired by Battle Mixer 15th. Guest consignor P. J. Sullivan of Mercier, has selected and will offer 20 cows all with bull calves sired by Prince Tredway 5th, top-selling bull at the Belden and Schuetz sale in 1950. Mr. Sullivan has cut deep into his breeding herd in order to select cows with top bull calves at foot.

WILLIAM BELDEN, Horton, Kan., and AL J. SCHUETZ, Mercier, Kan.  
Gene Watson, Auctioneer Mike Wilson for Kansas Farmer

# RIFFEL'S POLLED HEREFORD SALE November 22, 1952



at the farm

## Enterprise, Kansas

Plan now to attend the auction of the year. 100 HEAD of popular bred Polled Herefords will sell.

30 BULLS — 70 FEMALES

Tops in quality and breeding. In this sale Elmer Riffel & Son are dispersing their good herd.

For catalog write now to

JESSE RIFFEL & SONS, Enterprise, Kansas, or  
ELMER RIFFEL & SON, Hope, Kansas

Watch Kansas Farmer for further details.

Jewett Fulkerson, Auctioneer Mike Wilson for Kansas Farmer

# REG. HEREFORD PRODUCTION SALE



October 27, 1952

at the Sale Barn

## Quinter, Kansas

100 HEAD

17 Bulls serviceable age. 14 Bull Calves. 50 Bred and Open Heifers. 19 Heifer Calves. Most of the cattle are sired by FRC Bocaldo 31st, some by JO-R Domino. Some are bred to JO Duke Pride 41st and JO Royal Domino 100th.

LORAN PORTER, Owner, Quinter, Kansas  
Gene Watson, Auctioneer

SELLING OUR ENTIRE 1952

# PUREBRED HEREFORD CALF CROP

at Zima's Sale Pavilion

## EMMETT, KANSAS

Saturday, October 18, 1952



These calves will make a good showing in your purebred herd. Several future herd bull prospects, some 1 year old. Now 19 of these calves are sired by Real Prince 1st, he weighs over a ton. You can see him at the sale.

Write A. F. COOLEY & SONS, Rt. 1, Topeka, Kan., for Catalog

# Kansas Shorthorn and Polled Shorthorn Breeders' Assn. SHOW & SALE



November 6th and 7th

STATE FAIRGROUNDS

## Hutchinson, Kansas

The Polled Sale will be held on the 6th and the  
Horned Sale on the 7th.

The Banquet will be held at 7 P. M. on evening of November 6

Reservations should be sent to

Lot F. Taylor, 1436 Legore Lane, Manhattan, Kansas

Show at 8:30 A. M. — Sale at 12:30 P. M. each day

35 Polled Bulls and 32 Polled Females  
38 Horned Bulls and 39 Horned Females  
selected from the good herds in Kansas

Consignors to Kansas Polled Shorthorn Society Sale

F. M. ALFORD & SON, Chanute  
WAYNE K. BOLDT, Raymond  
ELVIN E. BRITT, Abilene  
MYRON BRUSTE, Belle Plaine  
JOHN A. DUNN, Abbeville  
H. E. ESHELMAN, Sedgewick  
EARL J. FIESEK, Norwich  
GEO. E. GISICK, Bison  
EMERSON S. GOOD, Barnard  
WAYNE HAMILTON & SON, Mankato  
MORRIS HOFFER, Haven  
HUDSON BROS., Hubbell, Nebr.  
O. R. JOHNSON, Sylvia  
KENNER SHORTHORN FARMS,  
Hebron, Nebr.

LOVE & LOVE, Partridge  
LOVING & UNRUH, Pawnee Rock  
RAY McCALL, Lamar, Colo.  
McILRATH BROS., Kingman  
CLYDE W. MILLER, Mahaska  
I. G. NEIER, Mullinville  
JOHN F. REECE, Langdon  
HERBERT REYNOLDS, Cuba  
W. A. ROSENBERGER, Greensburg  
ROBERT & EDITH SMITH, Burdett  
STUART SUTTON, Hubbell, Nebr.  
ARTHUR TONN, Haven  
WALLACE BROS., Barnard  
CARL WENZEL, Pretty Prairie  
S. S. ZEIGLER, Patco

Consignors to Kansas Shorthorn Breeders' Sale

MILES AUSTIN & SON, Rosalia  
R. L. BACH & SON, Larned  
ARTHUR BLOOMER, Lancaster  
T. R. CANTWELL, Sterling  
RALPH D. & JAMES M. COLLIER,  
Aita Vista  
C. M. CUMMINGS, Kingsdown  
DORSEY ELLIOTT, Satanta  
HERMAN F. FISCHER, Jr., Seward  
EMERSON S. GOOD, Barnard  
W. E. GRIFFIN, Nickerson  
W. V. HARSHMAN, Clements  
R. C. HOTCHKISS, Leon  
WALTER A. HUNT, Arkansas City

GLENN E. LACY & SON, Mitonvato  
McILRATH BROS., Kingman  
MELVIN RALPH & SONS, Girard  
D. A. REUSSER, Wellington  
DWAYNE M. REUSSER, Mulvane  
FLOYD M. REUSSER, Mulvane  
LAVERNE M. REUSSER, Mulvane  
CAROL DEAN REYNOLDS, Cuba  
ROBERT & EDITH SMITH, Burdett  
WILLIAM E. THORNE, Lancaster  
TOMSON BROS., Wakarusa  
SAM TITTLE,azine  
ARTHUR H. WAITS, Cassoday  
A. R. WILHITE & FAMILY, Rosalia

For information and catalog write

LOT F. TAYLOR, 1436 Legore Lane, Manhattan, Kan.  
Pete Swaffar, Auctioneer Mike Wilson for Kansas Farmer

# 140 Head of the Type HEREFORDS That Made Kansas' Flint Hills Famous, SELL Thursday, October 9

at the Ranch

STARTING AT 12 NOON

## PAXICO, KANSAS

Including 110 Registered Hereford

20 outstanding commercial Heifers. 10 top 4-H Club Steers. The sale features the get and service of JO Royal Domino 59th (pictured) and Real Nuggett 89th has 6 sons, 11 grandsons, 34 daughters and 26 granddaughters selling.

The get of this bull are noted for having good type, good heads, with size enough to suit commercial cattlemen and they are all good, mellow, yellow-coated cattle. This famed old bull was in active service in our herd until he was 14 years old. BWF Duke Pride is a three-quarter brother to the top-selling bull in the L. L. Jones & Son Sale, selling at \$15,100. He is also by the same sire that sired the record top-selling bull (\$15,000) at the 1951 Sunflower Futurity, and the top-selling bulls at the 1949 and 1950 Sunflower Futurity Sales.

Write for catalog to

## BELLYACRES RANCH

BILL TRUE, Owner, Paxico, Kansas

Gene Watson, Auctioneer

Mike Wilson for Kansas Farmer

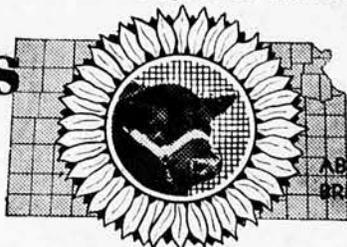
# Kansas State Aberdeen-Angus Breeders Assoc. ANNUAL SHOW AND SALE

State Fairgrounds

Hutchinson, Kansas  
October 29, 1952

SHOW 9:30 A. M. — SALE 1:00 P. M.  
Judge: Luther T. McClung, Fort Worth, Texas

## Kansas



ABERDEEN-ANGUS  
BREEDERS' ASS'N.

62 Females — 69 Lots — 7 Bulls

"Check This"

**Bulls**

7 Top Quality Herd Bull Prospects

**Females**

They Are Really Good Females of the Right Type and Quality  
Several Show Heifers Will Sell

"Families" Selling

Maid of Bummer, Ericas, Blackcaps, Georginas, Queen Mother,  
Pride, Blackbird, Rosemere Barbara, Elbas, other good families

Consignors, 1952 Kansas State Angus Sale

Consignors	Females	Bulls	Consignors	Females	Bulls
Harold Gless & Sons, Arnold	2	1	Swartz Brothers, Everest	5	1
Moore Brothers, Gardner	3	0	Chester Bare & Son, Protection	2	0
J. Frank Cox & Sons, Richmond	1	0	Charles Summers, WRS Ranch,		
Calvin Chestnut & Sons, Quinter	2	0	Hutchinson	2	0
Irl F. Ramage, Little River	1	0	Ralph Poland & Son, Junction City	3	0
Hugh R. Wilk, Clearwater	2	0	Robert A. Finney, Humboldt	7	0
Enos Honeycutt, Blue Rapids	2	1	Horace Eubank, Coats	1	0
Peters Brothers, Cawker City	2	0	Harold Fountain, Penalosa	2	0
McCurry Brothers, Sedgewick	2	1	John Sandellin & Son, Garfield	1	0
Unruh Brothers, Hillsboro	3	0	Black Post Ranch, Olathe	1	1
Hudelson Brothers, Pomona	1	1	F. E. Perkins & Son, Rt. 1, Mulberry	3	0
Fred Claussen, Russell	2	0	Red Oak Farm, Rocky Comfort, Mo.	2	0
J. C. Long & Son, Haddam	3	0	Wayne Ukena, Everest	1	0
H. F. Sankey, Sterling	2	1	Kansas State College, Manhattan	2	0
Clarence Ericson & Son, Savonburg	1	0	Kenneth Knott & Son, Hesston	1	0
Willard Huber, LaCrosse	1	0	Lloyd Ericson, Marquette	1	0
Joe J. McQuillan, Clearwater	3	0			

Annual Banquet 7:30 p. m., October 28, 1952  
Wiley Tea Room in Hutchinson, Kan.

"Be Sure to Attend"

For hotel reservations, write CHARLES SUMMERS, Hutchinson

For catalogs write

Secretary and Sale Manager, DON L. GOOD

Kansas State College, Animal Husbandry Department, Manhattan, Kan.  
Auct.: Ray Sims, Belton, Mo. Mike Wilson for Kansas Farmer

## The Blackpost Ranch Annual Production Sale

will be held at the ranch, near

Olathe, Kansas  
On October 22, 1952

The offering will consist of  
1 Bull and 51 Females



Bandoller 144th of Wilton A. N.—A many times grand champion in 1946, 1947 and 1948 at the major shows. Sired by Bandoller 44th of Wilton. His get averaged \$6,950 in the past Nobis sale. A daughter sold for \$10,000, top-selling female. Your chance to buy the service of a popular and proven sire. 26 females carry his service.

The families represented are: 3 Eriannas, coming through Reviana, the dam of 2 International grand champion females; 2 Blackcap Bessies; 2 Maid of Bummer (Miss Burgess); Ballindaloch Georginas; Edwinas; Edlinas; Edellas; Black Jesters; Portlethen Lucys; Heroine; several branches of the Barbaras; and other standard families.

Show Herd. Blackpost Ranch has campaigned a successful show herd for several years. In this sale the cattle that have won at the 1951 and 1952 shows are being sold.

This will be a wonderful opportunity for you to get into much Angus activity, as the Angus Show at the American Royal will be held on October 20 and 21 and you can attend the Blackpost Sale on October 22.

S. E. Fifield, Owner — Robert S. "Bob" Stone, Manager  
George Crenshaw, Herdsman — Floyd Carter, Crop Production Manager

Sale Headquarters: Phillips Hotel, Kansas City, Mo.

For catalogs address: J. B. McCORKLE, Sale Manager

Suite 3500 A.I.U. Building — Columbus 15, Ohio

The bull is a son of the 1950 International grand champion female and she by Prince Eric of Sunbeam. Really a sensational individual that should be working in a top herd.

The females will consist of 37 Bred Heifers and 14 Open Heifers. They are daughters of Homeplace Eileenmere 39th, he own son of the "Wonder Bull of the Breed," Eileenmere 487th, BPR Prince Envious of Bardolier, he by Prince Envious of Bates and out of a Bardella dam, Bandoller 133d of Wilton, Bandoller 88th of Wilton, and other well known bulls.

26 of these females will carry the service of Bandoller 144th of Wilton A. N., whose Get averaged \$6,950 in the past Nobis sale. This bull is a many times champion and a proven sire of show winning cattle. 6 head will be bred to Homeplace Eileenmere 39th, an own son of the "Wonder Bull of the Breed." 4 head will be bred to BPR Prince Envious of Bardolier.

"Wonder Bull of the Breed." 4 head will be bred to BPR Prince Envious of Bardolier.

This will be a wonderful opportunity for you to get into much Angus activity, as the Angus Show at the American Royal will be held on October 20 and 21 and you can attend the Blackpost Sale on October 22.

S. E. Fifield, Owner — Robert S. "Bob" Stone, Manager  
George Crenshaw, Herdsman — Floyd Carter, Crop Production Manager

Sale Headquarters: Phillips Hotel, Kansas City, Mo.

For catalogs address: J. B. McCORKLE, Sale Manager

Suite 3500 A.I.U. Building — Columbus 15, Ohio

## REG. HEREFORD BULLS

10 to 18 months old. Sired by: OJR Jupiter Star 12th. Domino Lad KTO 111th and F. Elation 22. Top range and herd bull prospects.

WAITE BROS., Winfield, Kansas

FOR SALE

REGISTERED ANGUS BULL

Two years old. Tel. 6-4222  
OTTO PLAGENS, Route 5, Wichita, Kansas

REG. ANGUS Cows and Heifers for sale. Bred to or sired by Tri E Prince Eric a good breeding grandson of Prince Eric of Sunbeam.

CHESTNUT & RAILSBACK, Quinter, Kansas

## Kansas Angus Assn., Stocker & Feeder Calf Show & Sale

at the Beverly-Wilson Sales Company

SALINA, KANSAS  
OCTOBER 8, 1952



Over \$1,000 and Ribbons donated by the Kansas Angus Association. Trophies for Champion pens donated by Jack Beverly.

Judging at 9:30 a. m. Sale at 1:00 p. m.

There will be 3,500 head of calves weighing 250 lbs. and up. Calves consigned from some of the best commercial herds in the state. These calves will all be fresh from the country. There will also be club calves offered singly.

Sponsored by the KANSAS ANGUS ASSOCIATION

Sale Manager: James B. Hollinger, Chapman, Kan.

Judges: Wayland Hopley, Atlantic, Ia., and Frank Retz, Omaha, Nebr.

TENTH ANNUAL

## Missouri Polled Shorthorn Breeders' Association SHOW AND SALE

SEDALIA, MISSOURI

(State Fair Grounds)

OCTOBER 27, 1952

SELLING 89 HEAD FROM LEADING HERDS OF MISSOURI  
This is an opportunity to buy Bulls and Females of correct type and the best of breeding.

The Place to Buy the Best in Polled Shorthorns

Show 8:00 A. M. (C.S.T.)—Sale 12:30 P. M.

Auct.: C. D. (Pete) Swaffar, Tulsa, Okla.

Judge: Jess Peebles, Smithville, Ark.

For catalog write: Rollo E. Singleton, Sale Mgr. Department of Agriculture, Jefferson City, Mo.



## Beef CATTLE

SECOND ANNUAL  
OKLAHOMA STATE

## Polled Shorthorns BREEDERS' ASSN. SALE

Thursday, Oct. 30, 1952

60 Head of Top Quality  
Polled Shorthorns  
Harper County Fair Grounds  
(Heated Sale Pavilion)

Buffalo, Oklahoma

24 Bulls. 36 Females. 4 pens of 3  
Heifers. At least 18 serviceable-age  
Bulls.

Consignments for this sale are from Colorado,  
Kansas and Oklahoma.

For catalogs or reservations contact:  
CARL DOWNING, Sales Manager  
BUFFALO, OKLAHOMA

## AUCTIONEERS



HAROLD TONN

Auctioneer and  
Complete

Sales Service

Write, phone or wire

Haven, Kansas

KANSAS-MISSOURI RED POLL sale scheduled for Topeka October 31, has been postponed until April, 1953. There was not a sufficient number of cattle available to make the sale possible at this time.

TWO HOLSTEIN HERDS in Kansas recently completed production testing with the Holstein-Friesian Association of America: C. C. Kagarice, Hutchinson—20 cows averaged 441 pounds butterfat and 12,008 pounds milk in 299 days on 2 milkings daily; E. A. Dawdy, Salina—19 cows averaged 494 pounds butterfat and 12,782 pounds milk in 313 days on 3 milkings daily.

W. H. BERTHOLF, Wichita, has made a Guernsey state champion record with his registered Guernsey cow, Bertholf's F. A. Rose. Her production of 9,802 pounds of milk and 530 pounds of butterfat is highest Advanced Registry record in Kansas made by a junior 3-year-old (milked twice daily for 305C days) with the American Guernsey Cattle Club.

The first natural Polled Ayrshire bull to be brought into this section of the state has been purchased by EARL B. BROWN, near Arkansas City. The 9-months-old bull was bought from the president of the Maryland Ayrshire Association. Brown, who with his father, G. Homer Brown, has a herd of 43 purebred females, is pioneering in the field of Polled Ayrshires.

Several REGISTERED HOLSTEIN cows in Kansas dairy herds have completed production records with the Holstein-Friesian Association of America.

Leohost Design Inka Nosy, owned by Leo H. Hostetler, Harper, produced 106,453 pounds of milk and 4,146 pounds butterfat on 2 milkings daily. (100,000 pounds milk is 4 times production of average U. S. cow.)

Thonyrna Triune Nina, owned by Ernest A. Reed & Sons, Lyons, produced 106,437 pounds milk and 3,628 pounds butterfat on 2 milkings daily. Collins Farm Man-O-War Helen further added to her lifetime record of milk production after previously reaching the 100,000-pound mark. In 7 milking periods, covering 2,301 days, she produced 123,416 pounds of milk and 4,656 pounds butterfat on 2 milkings daily.

H R W Maggie Netherland Lane, owned by John & George Heersche, Mulvane, produced 114,674 pounds milk and 3,666 pounds butterfat on 2 milkings daily.

## Dairy CATTLE

A. Lewis Oswald

John C. Oswald

## Rotherwood JERSEYS

Hutchinson, Kansas

## WISCONSIN DAIRY CATTLE

Choice Holstein, Guernsey and Brown Swiss Calves, Yearlings and Springing Heifers. Delivered to your farm C.O.D.

Dennis R. Grosse, York, Nebr., Bx. 48, Ph. 1419

Choice 2-Year-Old Bred Box Brand

## HEIFERS

Located near Cottonwood Falls, Kan. Write or call

EVAN KOGER, ROBBINS RANCH  
Cottonwood Fall, Kan., Phone 451

## BULLS Reg. Coming 3-Year-Old BULL

from 560 lb. butterfat cow. Price \$550. Also 10 months old registered Brown Swiss bull \$300.  
ROY COLDIRON, Valley Falls, Kan.  
on No. 4 Highway mile southwest.

## FOR SALE A TWO-YEAR-OLD REGISTERED GUERNSEY BULL

Gentle and a good one.

J. S. SLATER, Peabody, Kansas

## 10th Annual Kansas GUERNSEY BREEDERS

## CONSIGNMENT SALE

FAIRGROUNDS

Hutchinson, Kansas

October 21, 1952

SALE AT 1:00 P. M.

60 Reg. Guernseys at Auction

20 Top Cows—20 Bred Heifers

5 Open Heifers—10 4-H Heifers

5 Top Herd Sire Prospects

Kansas Breeders are going "All Out" in consigning their "Tops" to this 10th Anniversary Sale. Top production, pleasing type and popular breeding will be features of the sale. Our good neighbors from Nebraska, Missouri and Oklahoma are consigning 20 head of choice animals to this sale. The quality of cattle consigned far exceeds that of any previous sale. This will be your opportunity to select seed-stock to start a new herd or improve your present.

For catalog and other information write

C. J. GRABER, Secretary

Route 1 Newton, Kan.

Chas. Cole, Auctioneer, Wellington

## AYRSHIRES

MOST PROFITABLE COWS

### 4% MILK

Big Milkers  
Good Grazers

Hardy Rustlers  
Perfect Udders

Write for Booklets and List of Breeders near you with Stock for Ayrshire Breeders' Association  
260 Center St., Brandon, Va.

**LOOK FOR AND ATTEND THE CENTRAL KANSAS  
Holstein Breeders Fall  
Consignment Sale**

**Hutchinson, Kansas, Thursday, October 23, 1952**

**80 HEAD of REGISTERED HOLSTEINS, from 3 States  
Kansas, Nebraska and Missouri**

Watch the October 18 Issue for Detailed Information

**THE CONSIGNORS**

EARL BOYLE, Belle Plaine—selling almost all his milking herd.  
DON-BELL HOLSTEIN FARM—a top consignment of 10 head.  
T. A. BURGESSON, Grandview, Mo.—He is out to top the sale again.  
PAUL SELKEN, Smithton, Mo.—2 head from his prize-winning family.  
GROVER G. MEYER, Basehor—the best he has sent to any sale.  
A. M. DAVIS, Hutchinson—closing out his milking herd because of health.  
QUENTIN J. KUBIN, McPherson—A Good Plus cow due at sale time.  
LOYD SCHULTZ, Pretty Prairie—Must sell some of the good ones to make more room.  
RAYMOND BOLLMAN, Edna—Some choice ones, including some Princes, sisters to the Pontiac Delight, grand champion at Topeka.  
CLARENCE QUINN, Bennington—Send 4 toppers, and they will be battling for top honors, they are that good.  
LEROY JOHNSTON & SON, Marysville—2 open heifers from the home of Kansas intensified "Trimes."  
WM. MUDGE, Gridley—3 granddaughters of Carnation Madcap Marshall.  
LEW BERRY, Wilsey—Is dispersing his small herd.  
MOTT & KANDT, Herington—A real consignment of 4 head, including a 557 fat sister to a state sale topper.  
LEONARD DRUMRIGHT, Harper—1 head.  
McVAYS', Nickerson—A good consignment of cows and bred heifers.  
JACK HENLEY, Falls City, Nebr.—Cleans up the herd this time.  
R. S. LYMAN, Burrton—His last registered Holstein.

More in the October 18 issue, but send for your catalog NOW to  
**T. HOBART McVAY, Nickerson, Kansas**

**MISSOURI  
STATE  
SALE**



**Lee's Summit, Mo.**

Just east of Kansas City

**October 24, 1952**

Starting 12:30 Noon

**60 Head of the Best of Missouri's Top Herds**

Just to Mention a Few Only:

An Excellent, 700-lb. 5-year-old Cow—Schuchart.  
A 2-year-old daughter of an 893-lb., 4% dam; 2 other 2-year-olds from 592 and 690-lb. dams; bull from dam making 800 lbs.; and a 5-year-old, full sister of last year's \$2,400 sale topper.—Clyde Hill.  
A Very Good, 4-year-old Cow bred to 1,125-lb. sire.—Anderson.  
A wonderful, dark, 2-year-old daughter of Excellent, 590-lb. dam.—St. Mary's.  
An entire Get by double grandson of "Burke," (Roamer and dam both Excellent).—Schonhoff.  
Twin daughters of "Glory,"—3/4 and maternal brother of All-American "Lady Gloria".—Paganok.  
Over 25 head of the 60 are fresh and springing 2-year-olds—You just can't go wrong on this kind.  
Missouri State Sale enjoys a long and illustrious record as one of the nation's top State Sales. We feel that this should be our best.

**THE MISSOURI HOLSTEIN-FRIESIAN ASSOCIATION**

For catalogs and information, write:  
**T. A. BURGESSON, Sales Manager, Grandview, Mo.**  
Auctioneer: Bert Powell

**THE 6TH ANNUAL TRI-STATE  
BROWN SWISS AUCTION**

will be held at the Kansas Free Fair Grounds

**Topeka, Kansas**

Breeders from Kansas, Nebraska and Missouri are

Selling 50 Head on

**OCTOBER 15—12 NOON**

**45 FEMALES—5 BULLS**



These registered Brown Swiss have been selected with discrimination and they will meet with the approval of those wanting something good. They have been selected for type as well as production. The breeding is all you can ask for. Remember there has been a lot of Heifers in production, Bred Cows, Bred Heifers, Open Heifers and Heifer Calves. Bulls of high production ancestry and desirable type are going into this sale.

KANSAS CONSIGNORS are Paul Green, Topeka; John Peck, Topeka; G. A. Weeks, Lawrence; Robert Latta, Carlisle; John Lusk, Iola; James Hess, LaHarpe; Herbert Duwe, Freeport; Earl Weber, Arlington; Frank Webber, Kingman; Alvin Fornwalt, Penasola; Don Rudtzel, Kingman. These breeders will supply about 1/2 of the entire sales offering.

For more information write for a sale catalog to

**ROSS R. ZIMMERMAN, Secretary**

**TRI-STATE BROWN SWISS ASSN., Abbyville, Kansas**

Auctioneers—Bert Powell & Charles Cole

Mike Wilson with Kansas Farmer

**The DEWEY SCHULTZ'S High Producing  
BROWN SWISS HERD SELLS**

**October 24, 1952—12:00 Noon**

Larned, Kansas

at Pawnee County 4-H Building  
COWS with records up to 600 lbs. FAT  
Ordinary farm care—all on 2X milking.  
14 Daughters of the 1949 American Royal Grand Champion Bull sell.  
4 Daughters of Marie's Royal of Lee's Hill sell, he being a full brother to the world's record cow "Rapture" 1,378 lbs. fat on 3X. Tops all breeds.  
3 Daughters of Rainbow Wonder Del sell—one with 484 lbs. fat as a Jr. 3-year-old. Also 6 of his sons sell—"Bradenhurst Tex Cen Toustaint." The main herd sire sells with 1 son and 17 head bred to him.

Year After Year production and sound breeding health made this one of the outstanding producing herds in Kansas.

OWN SOME OF THESE COWS AND YOU TOO CAN HAVE A BIG MILK CHECK.

Write for catalog to

**NORMAN E. MAGNUSSEN—Brown Swiss Sales Service—LAKE MILLS, WISC.**

**FEEDER CALF SALE**

to be held at Appleton City, Missouri

**FRIDAY, OCTOBER 17, 1952**

Sale Starting Promptly at 12:30 O'clock P. M. — Sale is conducted by Local Producers co-operating with the Agriculture Extension Service, University of Missouri

**1250 — HEAD OF CATTLE — 1250**

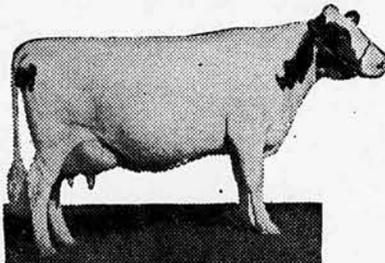
**TOP QUALITY CALVES, YEARLINGS, CATTLE—HEREFORD, ANGUS, SHORTHORN**  
All Cattle Sorted into Uniform Lots (Individual 4-H Club and FFA Calves) as to Breed, Sex, Type, Weight and Quality by Extension Animal Husbandmen, University of Missouri  
Cattle will be sold by the pound. All cattle fresh from farm on day of sale. Appleton City is located on Highway 52, 90 miles southeast of Kansas City, 25 miles southwest of Clinton. It is served by the MKT railroad. Sale pens are located on Highway 52, three miles northeast of Appleton City, Mo., 20 miles east of Highway 71, fifteen miles west of Highway 13. Landing area for planes adjacent to pens. Local trucks available for long distance hauling!

Buyers should furnish bank reference or letter of credit!

Rus Feebach, Belton, Mo. Auctioneers C. C. "Connie" McGinnis, Rich Hill, Mo.  
Address inquiries to: **LLOYD LEWELLEN, APPLETON CITY, MO.**

**Kansas Ayrshire  
Production Sale**

**October 17, 1952**



**Hutchinson,  
Kansas**

Sale at 12:00 Noon

at the fairgrounds

**60 HEAD OF REGISTERED AYRSHIRES, CAREFULLY SELECTED**

All with breed average as a minimum production requirement. A large offering of bred heifers, many close to calving. We consider this the greatest group of Ayrshire bred heifers assembled in many years. Also there will be 12 heifer calves. Some of them are extra good 4-H Club prospects. There will be a group of young fresh cows and several springers. The sale committee has selected 5 choice bulls. This great sale sponsored by the leading breeders of Kansas. Many breeders are taking the tops from their herd in order to keep up the quality and make this sale possible.

**Kansas Ayrshire Breeders Association**

Dwight E. Hull, Sale Manager, El Dorado, Kansas  
Auctioneers: Mike Wilson and Walter Hand

**10TH ANNUAL NEBRASKA BREEDERS STATE SALE OF  
MILKING SHORTHORNS**  
at the fairgrounds  
**FAIRBURY, NEBRASKA**

at 1:00 P. M.

**MONDAY, OCTOBER 20**

Banquet, Sunday evening, October 19, at the Marietta Hotel.

**36 Females, Cows, Bred & Open Heifers—8 Bulls**

**CONSIGNORS**

EDWARD HANICH, Tekamah, Nebr.  
LOYD STRONG, Palmer, Nebr.  
GORDON GATZEMEYER, Bancroft, Nebr.  
HILLER BROS., Hebron, Nebr.  
W. H. WALDO, DeWitt, Nebr.  
FRANCIS HANSON, Decatur, Nebr.  
EDELMAIER & HEINE, Hooper, Nebr.  
LARRY HAGER, Bloomington, Nebr.  
WM. & WM. J. HAMM, Beatrice, Nebr.  
JOHN E. IAXON, Odell, Nebr.  
RUDOLPH GUISS, Stockham, Nebr.  
CLARE WILTSE, Lyons, Nebr.  
GEORGE JEEKEN, Crete, Nebr.  
CHAS. & MAX KIMMERLING, Beatrice, Nebr.  
MARY EHLERS, Emerald, Nebr.  
ALFRED SCHUELE, Janse, Nebr.  
HENRY BLECHA, Chester, Nebr.

For catalogs and information write

**WM. J. HAMM, Secretary, Route 4, Beatrice, Nebraska**

Auctioneer: Marvin Spitsnogle

Joe Hunter to read pedigrees

**THE NORTHWEST KANSAS  
MILKING SHORTHORN  
BREEDERS SALE**  
**October 18, 1952**

Sale at 1:00 P. M., CST. At the Fairgrounds

**Colby, Kansas**

**40 Top Quality Dual-Purpose Cows—Bred and Open Heifers—8 Bulls**

For catalog write **JOHN YELEK, Rexford, Kansas**

Auctioneers: Heidebrecht and Radcliffe

**The Last Call for the "Sunflower Special"**

THE 10TH ANNUAL

**KANSAS STATE  
HOLSTEIN ASSOCIATION SALE**  
**Herington, Wednesday, Oct. 8th**

**65 HEAD OF SELECTED KANSAS HOLSTEINS SELLING 65**

From 35 Kansas Breeder Consignors  
25 Head of Cows, young, either fresh or springers, several classified (Very Good) and many (Good Plus).  
25 Head of Bred Heifers and these are choice, representing the best of Kansas bloodlines, Kansas sires and service sires. Many due at sale time and shortly after.  
10 Head of Open Heifers.  
5 Selected Bulls, future herd sires. Buy them here at your price. They represent Gold Medal sires, and top production and type.

County agents and Club leaders Note:—  
A group of Heifer Calves selling at 11 o'clock, the morning of the 8th. The calves all born after July 1, 1952, and they are a grand lot this year. Buy the boy or girl a calf this fall, let them start with Holsteins.

The annual Get-Together the evening of October 7th at Herington.

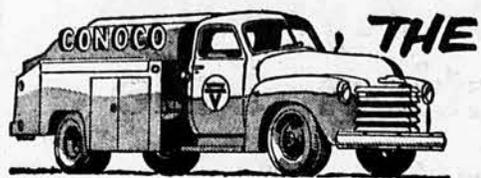
Banquet tickets, \$1.50 each—send for yours now to W. H. Mott, Herington. We must know how many are to be there. Plan to be there, food, fun and entertainment.

Sale under the management of the state sale committee:

R. L. Evans, Hutchinson; Roy Chamberlain, Olpe; and Quentin J. Kubin, McPherson

Sale headquarters, Hotel Daily or Hotel Liggett, Herington, Kan.

Send for catalog to **T. HOBART McVAY, Secretary, Nickerson, Kan.**



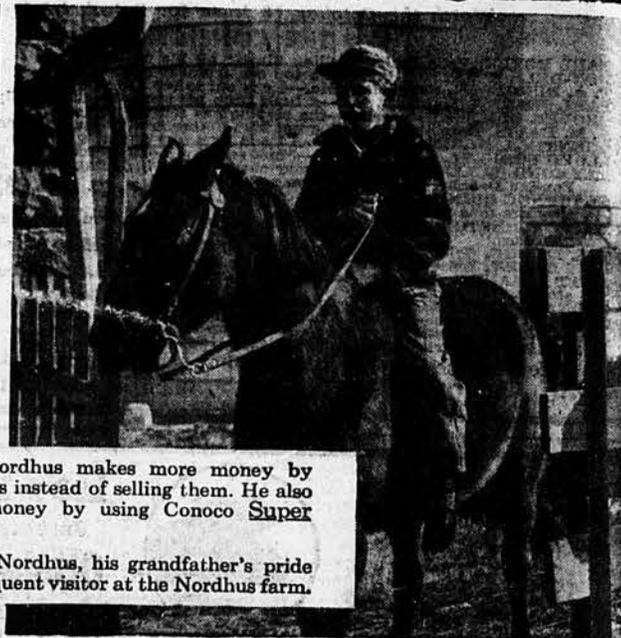
# THE TANK TRUCK



AGRICULTURE AND APPLIED SCIENCE  
LIBRARY  
OCT 7 1952  
MANHATTAN



Left—Frank Nordhus makes more money by feeding his crops instead of selling them. He also makes more money by using Conoco Super Motor Oil!



Right—Gerald Nordhus, his grandfather's pride and joy, is a frequent visitor at the Nordhus farm.

## Prosperity on the Oregon Trail!

A HUNDRED YEARS AGO, prosperity came to a man who established a ferry across the Big Blue River on the Oregon Trail near what is now Marysville, Kansas. On a good day, thousands of pioneers, eager for riches beyond the Rockies, were carried across the stream.

Times are different today. Life along the Big Blue has settled down from the hurly-burly days of the Pony Express and the Gold Rush. But there's still prosperity there, and one of the men who is enjoying it is Frank Nordhus.

Frank owns a 320-acre, well-improved farm near the site of the old crossing. He sells Grade A milk to dairies. To make more

money, he feeds most of his diversified crops to his herd, instead of selling them for less profit as cash crops.

And another way Mr. Nordhus makes more money is by using Conoco Products. Here's an example of how he has cut down expenses with Conoco.

"I've used Conoco Products since 1944 in my Minneapolis-Moline Z44 tractor," he reports.

"Last Spring, when we tore the motor down, there was practically *no wear* . . . the motor was nice and clean. *We couldn't put in oversize rings!*

"Conoco Super Motor Oil and proper care sure gave me 'No Wear'."

Folks, the great "50,000 Miles—No Wear"

oil, Conoco Super, can help protect your engines from wear, too. Read all about the punishing 50,000-mile road test in another story on this page . . . a test that *proved* that Conoco Super can help engines last longer, perform better, use less fuel and oil. Then call Your Conoco Man for a drum of great Conoco Super Motor Oil, today!

### "50,000 Miles—No Wear!"

To test the wear-fighting ability of Conoco Super Motor Oil, six brand new cars were each driven 50,000 killing miles. Crankcases were drained, while hot, every 1,000 miles . . . air and oil filters were serviced at proper intervals . . . crankcases were refilled with Conoco Super. At the end of the test, engines showed *no wear of any consequence* . . . in fact, an average of less than one one-thousandth of an inch on cylinders and crankshafts. This test proved that Conoco Super, with OIL-PLATING, can help make your car and truck engines last longer, perform better, use less gasoline and oil.



### And Now—NEW Conoco Anti-Freezes!

This year, Conoco introduces its own new dependable anti-freeze solutions, to protect *all* your water-cooled engines . . . cars, tractors, trucks, power . . . from damage due to freezing and rusting. Here are two great new anti-freezes—Conoco Permanent Type Anti-Freeze and Conoco Anti-Freeze—that are anti-rust . . . will not attack or corrode metal . . . do not harm hose connections . . . and protect your engines against the costly damage of freeze-ups. To be safe, put Conoco Anti-Freeze in your engines at the first killing frost. To be ready, order Conoco Anti-Freeze or Conoco Permanent Type Anti-Freeze from Your Conoco Man now!



### Cranberry-Topped Ham Loaf

by Mrs. Della DeCaigny  
R. 2, Bovey  
Minnesota

- 3/4 lb. ground ham
- 1 1/4 lbs. ground pork
- 1 cup dry bread crumbs
- 1/4 t. pepper
- 2 beaten eggs
- 1 cup milk
- 1 cup cranberry sauce
- 1/4 cup light corn syrup

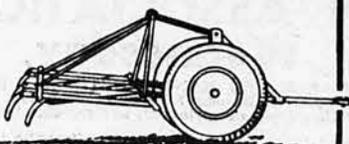


Combine meats, crumbs, pepper, eggs and milk. Mix thoroughly, form into loaf and put in greased loaf pan, 9 x 5. Bake in moderate oven (350°) 40 minutes. Top with mixture of cranberry sauce and corn syrup. Continue baking 20 minutes longer.

### SHEARS FOR RECIPES!

Send your favorite recipes to Mrs. Annie Lee Wheeler, Dep't E, Conoco Cafeteria, Ponca City, Okla. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

### "3-Point" Trailer



Implements using 3-point hookup can be pulled to distant fields quickly with this two-wheel trailer. Raise tongue to attach implement with pins. Lower tongue to bumper hitch. Implement will be raised to transport height. Sent in by Arthur A. Rey, Edgeley, North Dakota.

### To Remove Mill Screens



When screen in hammer mill becomes wedged in place, clamp vise-grip pliers on screen, in line with a hammer . . . turn hammer wheel backwards by hand. Hammer will lift screen out, says Joseph Winnike, West Point, Iowa.



CONOCO

YOUR CONOCO MAN

Has a Full Line of Farm Products Including  
CONOCO GASOLINES • CONOCO HD OIL  
CONOCO KEROSENE • CONOCO TRANSMISSION OIL  
CONOCO TRACTOR FUEL • CONOCO PRESSURE LUBRICANT  
CONOCO DIESEL FUEL and CONOCO Super MOTOR OIL  
CONTINENTAL OIL COMPANY

### SAWS FOR IDEAS!

Send your original ideas to *The Tank Truck*, Dep't E, Continental Oil Company, Ponca City, Oklahoma, and get a genuine \$10.25 D-15 Henry Disston Hand Saw for every idea that's printed.

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