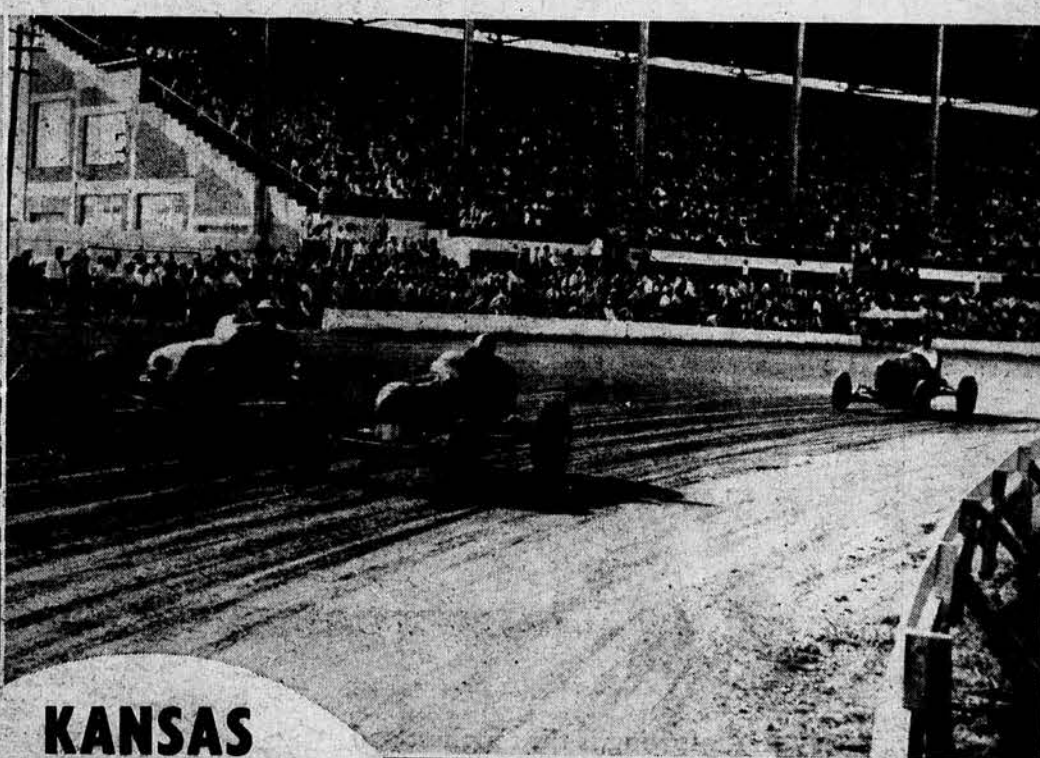


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SEPTEMBER 5, 1953

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# Kansas Farmer



**KANSAS  
STATE FAIR  
HUTCHINSON**  
September 20 to 25  
**KANSAS FREE FAIR  
TOPEKA**  
September 12  
to 18



- Flower for Next Spring.....Page 10
- You and Your Government.....Pages 12-16-22-30
- Desserts for the Farm.....Page 32



**Speed up Tough Fall Plowing ...  
Save Time and Money with**

# Firestone

## CHAMPION

### OPEN CENTER TRACTOR TIRES

**W**HEN plowing is the toughest and you're fighting to get your fall crops planted and your corn picked, it will pay you to have Firestone Champions.

You get more for your money with Firestone Champions because there is more built into them. You get curved and tapered bars for a sharper bite and deeper penetration ... greater drawbar pull. Wide, flat treads give more biting edge, full-width traction and longer life. Flared tread openings prevent soil jamming and permit easy soil release.

These are just a few of the many reasons why Firestone Champions give you more for your money. Go to your Firestone Dealer or Store and see for yourself why they pull better, last longer, and turn out more work.

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



**SUPER ALL TRACTION**

Here's the truck tire built for farm hauling. It takes hold and moves the load in mud, in snow, or on wet or icy roads.



**TOWN & COUNTRY**

Here's the greatest mud, snow or ice passenger car tire ever built. It's a highway tire as well as a traction tire.

Enjoy the Voice of Firestone on radio or television every Monday evening over NBC

**KEEP GOING IN ALL WEATHER  
WITH Firestone TIRES ON  
YOUR TRUCK AND CAR**

Copyright 1953, The Firestone Tire & Rubber Co.

## COMING EVENTS

September 8—Cherokee County land school, Columbus 4-H Club building, 1:30 p. m.  
September 8-12—Morris County Tri-O Fair, Herington.  
September 9—Bourbon County land school, Fort Scott courthouse, Extension 10 A. M.  
September 9—McPherson County Malt gation field day, 2 miles northeast of Linds  
September 9-11—Dickinson County Tri-O 4-H Club Fair, Herington.  
September 9-12—Cherokee County Mineral Free Fair, West Mineral.  
September 10—Phillips County terrace tenance and waterway shaping demonstration and place to be announced.  
September 10-12—Elk County Fair, Longview.  
September 10-12—Washington County Washington.  
September 11—Sumner County Belle Fair, Belle Plaine.  
September 12-18—Kansas Free Fair, Topeka.  
September 13-16—National Artificial Bee Association meeting, East Lansing, Mich.  
September 13-28—Kansas Farm Bureau tour to Northwest and Alaska.  
September 15-18—National Barrow Show, Minn.  
September 17—Finney county 6th annual culture improvement tour, 1 p. m., fair grounds.  
September 17-18—Sumner County Spring Conway Springs.  
September 18—Thomas county land school, Colby court house, 1 p. m.  
September 20-25—Kansas State Fair, Hays.  
September 20-25—80th anniversary of duction of Aberdeen-Angus cattle to America and National Angus Show and Sale, State Fair, Hutchinson.  
September 21-22—Midwest Poultry Breeding Conference, St. Paul campus, University of Minnesota.  
September 22-24—St. Joseph Interstate Beef and Pig Club show, St. Joseph, Mo.  
September 24-26—Anderson County Free Fair, Kincaid.  
September 24-26—Annual convention of National Flying Farmers' Association, Waverly.  
September 26—Elk county 4-H Club cheese baking contest, USDA building, Howard.  
September 27—Cheyenne county district look meeting with Ray Hoss and Norman hair of KSC assisting, Colby.  
September 28—Kansas Sweet Potato Day, Manhattan.  
September 29—Doniphan county soil conservation field day, time and place to be announced.  
September 29—Osage county home demonstration achievement day, Osage City.  
September 30—Russell county terrace construction and maintenance demonstration and place to be announced.  
September 30—Brown county farm management field day.  
September 30-October 2—Clay County Fair, Institute and Free Fair, Wakefield.  
October 1—Pottawatomie county land school, Westmoreland, 1 p. m.  
October 1-3—Morton County Fair, Elkhart.  
October 1-3—Chautauqua County Fair and Reunion, Sedan.  
October 2—Nemaha county dairy tour and place to be announced.  
October 2-3—Shawnee County Auburn Fair, Auburn.  
October 3-10—41st National Dairy Cattle Congress, Waterloo, Ia.  
October 3—17th Annual USDA Range Day, Southern Plains Field Station, Woodward, Okla.  
October 3—Wabaunsee county feeder calf show, Alma.

## Is State Entomologist

Named state entomologist for Kansas is Dr. Herbert Knutson, also head of the Kansas State College entomology department. Since 1948 has been head of the University of Rhode Island entomology and zoology department.

## KANSAS FARMER

Continuing Mail & Breeze

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Three years, \$1; one year, 50 cents. C.



# PIONEER

## HYBRIDS

## YIELD MORE

See Your PIONEER  
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**SCHOOL TO TEACH** dairy judging, conducted by members of dairy husbandry staff, Kansas State College, is new feature of Kansas State Fair.

Now Let's Go to the 1953 . . .

# Kansas State Fair!

By DICK MANN

**W**ITH THIS colorful slogan, "It's a Jubilee in '53," as a guide, the board of managers and Virgil C. Miller, secretary, have arranged a varied and outstanding program for the 1953 Kansas State Fair, at Hutchinson, September 20 to 25.

Both grandstand and midway entertainment, say officials, will reach new highs in quality and interest.

Stock car races will open the first afternoon program on September 20, with some of the hardest-driving contestants in the business competing.

Then, on Monday afternoon, Aut Swenson brings his troupe of thrill drivers for a "break 'em up and throw 'em away" exhibition of daring stunts. Stock cars will be driven in gigantic leaps thru the air, rolled over and smashed into other cars and barriers.

Big racing cars will roar for money and honor on Tuesday afternoon with a full field of contestants.

A full program of rodeo events, plus added entertainment features, is scheduled for Wednesday and Thursday afternoons. Wednesday, of course, also is Master Farmer and Mas-

ter Farm Homemaker Day at Kansas State Fair.

On Friday, September 25, the fair will repeat its Western Day, originated last year. Western Day will offer cutting horse contests, quarter horse races and other western events. While anyone can compete, this is the big day for Kansans to show the beauty, skill and speed of their mounts, says Mr. Miller.

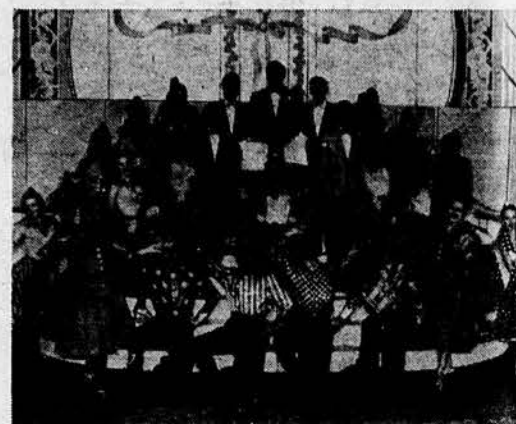
Each evening, Saturday thru Friday, grandstand crowds will see the "Kansas State Fair Revue." The revue is a variety show planned to please every member of your family. Included are very lavish production numbers, music, dancing, comedy and daring acts of grace and beauty performed at dizzy heights.

On the midway will be a huge assortment of shows and rides. Miller and his staff scoured the United States and invited the best of what they saw to come to Kansas State Fair. Something new on the midway this year will be 300 feet of permanent fronts for games and concessions. These fronts will add much to the attractiveness and color of the midway.

Most important single agricultural event in connection with [Continued on Page 41]

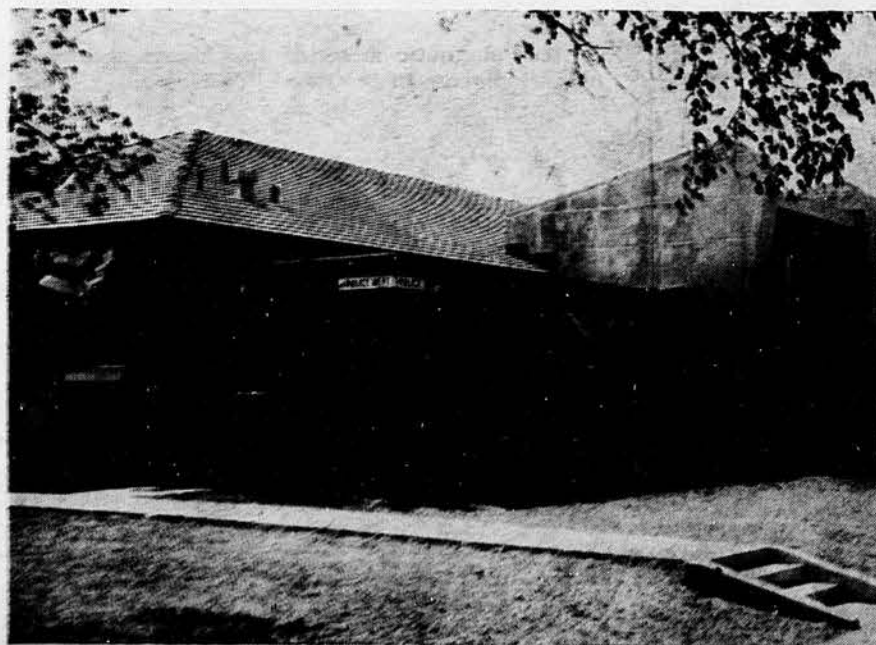


**JUST ADD** the crowds to this picture of 4-H Club exhibits building, and you have one of the important centers of activity at Kansas State Fair.



**ANOTHER TOP-FLIGHT** night show will be seen by Kansas State Fair visitors this year. This view is of performers in the 1952 show.

**BEAUTIFUL ADMINISTRATION** building at Kansas State Fair, Hutchinson, is nerve center for all fair activities.



**HIGHLIGHT** of any state fair is tour of crop and horticultural exhibits in big agriculture building at Kansas State Fair.



# Kansas Farmer

## News and Comment

### Seed Agricultural Museum

NEW NATIONAL Oil Museum and Hall of Science has been chartered as a non-profit corporation to establish and maintain a museum in Tulsa, Okla. Plans are the museum will house working models of refineries, oil wells, pipes, and other apparatus showing oil industry operations. Petroleum memorabilia, educational exhibits and similar items of interest are being sought for display in the new museum. Perhaps Kansans can lend a hand. Sounds like a worthy use.

And say, how about a National Agricultural Museum and Hall of Science, out here in the Midwest where farming is at its best and many new ideas are developed? Kansas is right in the heart of the greatest farming area in the world. Such a museum could show how agriculture is the foundation of all national prosperity and well-being. It would give visitors a better appreciation of the importance of farming. Be an educational institution showing the marvelous improvements that have been developed in crops, livestock, farm machinery, farm living. The tremendously important story of farming in all its phases could be preserved right out there so it never would be lost. And what a tourist attraction such a museum would be!

### How Hot Is Heat?

SITTING A CARBON plant we saw flaming flames so hot temperatures were too high for any known type of thermometer to measure. It was possible, however, to tell temperature by color of flames. And here is another use of that old idea. Tell-tale paints, made with chemicals derived from oil, have been made to change color when they reach certain temperatures. They can be sprayed or spread on inaccessible parts in aircraft engines or industrial heat exchangers where it is important to know maximum temperatures, but difficult to use measuring instruments. Summer sun sometimes blisters paint from our houses, seems furnace-hot. That is when we yearn for rain to keep corn from firing!

### Warm for Frost

YOU FEAR FROST will get your late flower garden, crops or early fruit, here is something that will be of interest. It's a frost controller that reduces danger of cold weather, checks frost on the ground where it starts. It was described recently to the American Society of Agricultural Engineers by L. M. Barton, president of Diesel Power, Inc. He explained how the new frost-control machine drives warm air down to the ground, heating the air and raising the temperature of

air near the ground. It is an automatic machine that will force 230,000 cubic feet of air a minute downward thru a 24-inch hole in the diffuser. The diffuser at top of a 29-foot tower can be lowered to any of 45 possible heights. Now driven by an electric motor, Diesel powered models soon will be available.

A thermostat on the control panel 4 feet from the ground turns the machine on and off. When the thermostat registers 31 degrees the frost controller starts automatically and continues to run until the temperature rises to 35 degrees.

"This is by far the safest and most economical operating temperature range," Barton said. "The higher temperature of 35 degrees is often attained within 20 or 30 minutes operation."

This frost controller also has been used successfully as a heat controller during warm weather. With minor modifications it can be adapted to dusting, spraying or even providing moisture where growing crops must survive long periods of extremely dry weather.

Installing the frost controller is quite simple, Barton said. A concrete base 6 feet square and 3 feet deep is poured over a steel anchor plate and 4 stud bolts 36 inches long that are held in place by a template.

The propeller and diffuser are then mounted on the 29-foot tower. Four scaffold arms for changing height of the diffuser may be attached permanently to the tower.

About all you have to do when you have a knotty problem to solve, like drouth or frost damage, is explain it to industry. Up they come with several kinds of irrigation equipment; now a frost controller.

### The Story of Fertilizers

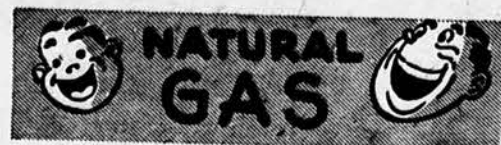
IF YOU HAVE questions about fertilizers, we believe they will be answered in a new series of articles starting in *Kansas Farmer*, September 19. They will tell what chemical fertilizers are, what materials supply various ingredients of fertilizer mixtures, how to handle fertilizers and store them, best methods of fertilizing various crops, how much to use, and many other important facts. Each article will come to you in question and answer style, will be easy to read, give you specific answers to each question asked. You no doubt will wish to clip them for future reference.

These articles will be written by Dr. Malcolm H. Vickar, chief agronomist for the National Fertilizer Association, Washington, D. C. He was born and reared on a farm in Southern Illinois, was graduated from the University of Illinois, with honors, in 1936. After a short time with U. S. Department of Agriculture he became assistant agronomist at Virginia agricultural experiment station, soon became top agronomist for Virginia's experimental fields. From there he joined his present organization in 1948. He is a frequent contributor to the press, is author of the recent book, "Using Commercial Fertilizer," and holds important offices with plant food committees and associations. Watch for his articles starting September 19.

### Paper Snow Fence

FOLKS LIVING in the oil well area of Kansas will be interested to know this. In 12 months recently, about 500 new petrochemicals (chemicals derived from petroleum) appeared on the market and went into the service of agriculture, industry and the home.

And now that your snow fencing will be going up again, we learn a petroleum product is being used in that capacity. A snow fence made of 2-ply paper with an inner layer of fiber and asphalt has been used experimentally in the



"A bachelor's life is just one undarned thing after another."

"Then there was the local weather man who was wrong so often with his predictions he asked to be transferred because the climate didn't agree with him."

"If it wasn't for fashion, a large share of the world wouldn't know what kind of clothes to wear to be uncomfortable."—Josh Billings, humorist of Lincoln's Day.

"You can preach a better sermon with your life than with your lips."—Oliver Goldsmith.

"Good way to stop worrying about the things we haven't done is to do them."

"Two best times to fish—just before you get there, and right after you leave."

"Sure, you once could get ahead by working hard and living within your income. You still can!"

"Well, that fellow holds one record. He can get tired quicker than anyone else I ever saw."

"Most important thing about a cowhide," said Willie, "is it holds the cow together."

Northeast with "generally satisfactory" results. The "sandwich" filler of asphalt, a contribution of petroleum's magic, adds resistance to moisture, gives strength and toughness. In tests, paper snow fencing stood up under bad sleeting, heavy rain and high winds.

### Plenty of Oil

IF YOU'VE WORRIED about exhausting our supplies of oil, here is something to make you feel better. Petroleum folks report there is plenty of "discoverable" oil in the Western Hemisphere for as far ahead as anyone can see. Incidentally, there are now a half million producing oil wells in the U. S. in comparison to 15,000 in all the rest of the Americas.

Of course, "discoverable" oil can't be pumped and processed until it is found. Spotting a producing area has been somewhat tricky business in the past. But along come airborne magnetometers, used during World War II to locate submerged enemy submarines, enabling oil companies to find oil with inexpensive, effective methods.

The magnetometers are trailed behind and below airplanes that fly at low altitudes in parallel paths over the surveyed area. They detect magnetic minerals and signal recording instruments in the plane. More than a million square miles of territory have been surveyed.



"You've grown, too—the last time you were only this wide."



"I don't know why everybody makes such a fuss over it. This is the dullest ride in the park!"



# Sinclair

## offers

## you

# Price Protection

## for '54

### on lubricating oils, greases, stock spray and insecticides

Order your future needs of lubricating oil, greases, stock spray and insecticides now—and forget about possible price rises in 1954. Sinclair's Farm Sales Future Order is your protection against future price increases for 1954. (Price protection on stock spray and insecticides until May 15, 1954.) So, today, phone your local Sinclair Representative—tell him when and where you want your delivery made—then sit back with another worry off your mind.

**Sinclair EXTRA-DUTY Motor Oil**  
**Sinclair LITHOLINE® Multi-Purpose Grease**  
**Sinclair STOCK SPRAY and INSECTICIDES**

## SINCLAIR OILS AND GREASES



Protect your cattle against insects. Watch milk production and beef poundage go up. Just spray 'em with Sinclair Stock Spray. Contains Pyrethrin®. Kills stable flies, horse flies, horn flies, gnats, mosquitoes—repels most flying, biting insects. Works wonders as a space spray in barns and houses, too.

Order now. Phone or write your local Sinclair Representative.

SAFE—CONTAINS NO DDT

## Kansas Free Fair Accents New Ideas of Agriculture and Industry

THE 73rd ANNUAL Kansas Free Fair in Topeka, Sept. 12-18, is only days away now, and some 500,000 visitors to the Capital City can expect to see a marked new accent on agriculture and the basic industries of Kansas.

Maurice E. Fager, in his first year as manager of the Free Fair, repeatedly has stressed that the big agricultural and livestock show will return to the original ideals and principles of its founders—serving basic industries of the Sunflower State.

Topeka's dates enable exhibitors from 2 big circuits to meet in competition here, and there is never a year when beef breeders fail to get their sights on the Topeka show, Mr. Fager says.

This year, increased premiums in the dairy cattle division—prize money increases of almost 35 per cent in most departments—should strengthen the dairy show.

The statistical department of the fair estimates over 12,000 individual entries can be expected, with added prize money in several divisions insuring much stiffer competition than usual.

### Finest Plant in America

Many improvements have been made in the Free Fair plant since the 1952 exposition. A new \$152,000 exhibit building has been completed. With the completion of this building the Free Fair now has one of the finest plants in America, with an estimated value of over \$2,500,000.

Besides the exhibit building, a new \$50,000 office building has been completed. "We're moving all of our offices out of the grandstand so that they can be easily reached by everyone," Mr. Fager says.

The mammoth livestock building along Topeka Avenue has had a face lifting on the inside. Washroom, shower and toilet facilities have been installed for convenience of exhibitors; a new cattle wash rack has been built; also a new unloading ramp at the north end of the building. The old horse stalls in the north end of the pavilion have been torn out and replaced by wide cattle stalls. A special ventilating system is being installed at the 4-H Club Baby Beef barn, and exhibit booths have been constructed in the 4-H Exhibit building.

Increased car parking facilities have been added, and a new trailer lot has been set up west of the grounds.

Always strong on entertainment, this year's Fair will be no exception. Manager Fager has scheduled a full week of grandstand attractions, and once

again has contracted for the famous Royal American Shows, whose 72-car car entourage will arrive here in a few days to begin setting up on the mile-long midway.

Barnes-Carruthers, well-known outdoor musical producers, will stage the lavish "Free Fair Follies of 1953" every night in front of the Free Fair grandstand.

### Will Be Children's Day

Saturday, September 12, will be Children's Day at the Fair, with special midway prices for youngsters—plus special grandstand program that includes Stock Car Sprint racing and Rodeo Kids, a group of 30 juvenile riders and riders.

Championship Big Car racing slated for the afternoons of Sunday, September 13 and Wednesday, September 16. Besides their opening Saturday, stock car racers also will show on Thursday, September 17. Aut Swenson's internationally-famous Thriller Auto Daredevils appear Monday and Tuesday, September 14 and 15.

Much to the joy of horse-racing fans, Fager also has scheduled a full Friday afternoon, September 18, of horse racing. Five different running events scheduled. Friday is also Future Farmers of America day, with FFA members from throughout Eastern Kansas scheduled to be in attendance.

Judging schedule as announced is:

### Beef Cattle

1 p. m. Monday, Red Polls  
 9 a. m. Tuesday, Hereford  
 9 a. m. Wednesday, Shorthorn  
 9 a. m. Thursday, Aberdeen-Angus

### Dairy Cattle

Monday, 8 a. m., 4-H Dairy  
 Monday, 1 p. m., Milking Shorthorn  
 Brown Swiss  
 Tuesday, 9 a. m., Ayrshires, Jerseys  
 Wednesday, 9 a. m., Jerseys, Guernseys

### Sheep

Tuesday, 9 a. m., Hampshires; 1 p. m., Southdowns  
 Wednesday, 9 a. m., Shropshires; 1 p. m., Suffolks

### Pigs

Monday, 1 p. m., Market Barrows  
 Tuesday, 8:30 a. m., Poland Chinas  
 Spotted Poland Chinas  
 Tuesday, 1 p. m., Hampshires, Chester Whites, Herefords  
 Wednesday, 8:30 a. m., Durocs  
 Wednesday, 1 p. m., Berkshires

## SENATOR CARLSON CITED BY 4-H CLUBS



RECOGNITION was given Sen. Frank Carlson for his active interest in 4-H activities, at Kansas State College, August 13. Members of the Strong 4-H Club presented the Senator with a plaque in Pres. James A. McCain's offices. Shown left to right at the presentation are Senator Carlson, State 4-H Club Leader J. Harold Johnson, Vicki Stover, Jeannette Collister, John Irvine, Dave Carlson, Dean of Extension Louis Williams, and President McCain. The 4 young 4-H Club people are members of the Strong 4-H Club, in Riley county.





Flock owners—was there ever a better time to go after

# More High-Profit Eggs?



"Our flock came into high early production on Nutrena, and stayed at about 80% all winter and into the summer," says Mrs. Walter Koecher, Loretto, Minn.

**Feed cost is down—egg prices are up.  
Here's what you can do about it.**

By Walter J. Leeds

**EXCITED?** You bet we're excited! Flock owners everywhere are plenty steamed-up over the prospects for high-profit eggs.

**If you are selling eggs right now, you know what we mean.**

Feed cost is down; egg prices are high. It's the chance of a lifetime to make an extra buck on eggs. Get your birds past the break-even point in production. From then on, you make real headway towards "that extra good year in the egg business."

But the problem is—"how can I get more high-profit eggs?" And the answer is—"good management, of course, but be sure to use a high production egg feed."

Beautiful part of it is, a high quality egg feed costs less this fall than it has in years. And it can help crank eggs out of your new pullet flock like a factory.

You would be surprised at how many letters we are getting from folks with young pullets already past 50% production.



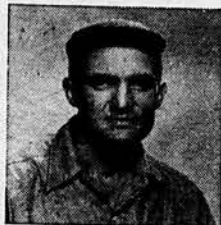
**W. A. Neel, Rt. 2, Albuquerque,** writes... "Our 5½ month old pullets are laying at the rate of 65% production. The thing that pleases us most is that 80% of these eggs are

grading medium and large." (He is using Nutrena Egg Feed.)

If there were ever a time when you needed Nutrena quality, it's right now. These pullet flocks need special help to finish maturing and get into safe, heavy egg production.

Nutrena Egg Feed contains a powerful combination of body protecting, egg making ingredients called Livium for Layers—it helps young birds (old birds, too) get into high production fast.

This special Livium for Layers can help pullets come through the strain of early laying; helps them stay in long periods of heavy laying, without breakdown. For example:



**Harley Laack, Sheboygan Falls, Wisc.,** reports, "Year in and year out, Nutrena Egg Feed has helped us maintain a production record of 73% plus... and at the lowest production cost per dozen we've ever had."

This is a pretty typical report on how Nutrena quality pays off. If you've been wanting to try Nutrena Egg Feed, you may never find a better time than right now.

Nutrena Egg Feed costs no more than

many other well known feeds. In fact, this September, Nutrena costs about 10% less than it did last year at this time. And egg prices are high so the time is ripe.

Just ask some of your neighbors about this Nutrena Egg Feed. Find out how happy they are with egg production since they switched to Nutrena. And compare their feed cost per dozen with your own. Chances are, you'll see why so many thousands of flock owners have switched to Nutrena.

Why not go after all the high-profit eggs you can get? Put your flock in the laying house early. Then switch to heavy-production Nutrena Egg Feed. Why not try it?



If you ever wanted to use a high-quality heavy duty egg feed, now's the time to get started on Nutrena. Your Nutrena dealer has Crumblized Nutrena at the same price as pellets or mash. Call him today. (ADVERTISEMENT)



## "Ceresan" Made This Difference



Thin stand from untreated seed.



Thick stand from identical seed treated with "Ceresan."

More farmers make more profits by planting seed treated with "Ceresan" because year after year...

## "Ceresan" Helps Grain Yield More

*You can smell the difference!* "Ceresan" seed disinfectant gives every kernel a protective coat that kills disease spores on the seed. In addition, "Ceresan" slowly releases a disease-killing vapor that spreads throughout bag or bin. The distinctive smell of "Ceresan" on seed tells you that "Ceresan" is at work disinfecting your seed for bigger yields.

*You can see the difference!* Good weather or bad, "Ceresan" guards every kernel you plant against seed rot, and protects the young sprouts from seedling blight. That's why you'll see thicker, stronger stands that promise top yield.

*You will harvest the difference!* With "Ceresan", it is not uncommon to get up to 7 extra bushels per acre of clean grain. In bad years, it may save an entire crop. And you get cleaner grain, too! "Ceresan" assures exceptional control of stinking smut of wheat; stripe and brown and covered smut of barley. Rye and oats also grow thicker and yield better when treated with "Ceresan".

Ask your seed treater to use

# Ceresan®

Seed Disinfectant and Protectant



BETTER THINGS FOR BETTER LIVING  
... THROUGH CHEMISTRY

Grass and Legumes grow thicker and stronger when you treat the seed with Arsanol—remember "Ceresan" for small grains, "Arzanol" for grass and legumes.

On all chemicals always follow directions for application. Where warning or caution statements on use of the product are given, read them carefully.

## Thoughts TO LIVE BY

### "Make the Most of What You Have"

THE GREAT TEACHER told a story about three men. One was entrusted with ten talents, the second with five talents, and the third with one. A talent, as the word was used in the parable, was an amount of money. The first and second men put their money to work. The third man hid his. The two men earned enough to double their capital. Altho the hidden fund was secure, it was not increased. I can almost hear the third man rationalize his actions by saying, "It takes money to make money." And he had a point. It is harder to make money if one doesn't have any to start with than if he has. But some men have started on a shoestring and have been successful. This man was condemned because he didn't put his money to work. Suppose the man with ten talents or the one with five had hidden his funds, the condemnation of the Master would have been most severe. The third man was condemned, not because he had only one talent, but because he didn't put the one he had to work.

It is interesting to notice that the word *talent* has changed in meaning. Now it means ability. And the parable is just as appropriate with the modern as with the former meaning. One man may be very capable, a second may be only moderately so, and a third may be very limited in his ability. Nature does not bestow talents equally upon all men. Divine judgment will be based not upon the number of talents one possesses, but upon what he does with whatever talents he has.

Consider men in the different classifications. A certain man lives in a midwestern state. He can sing beautifully, draw artistically, speak interestingly, lead young people in his church, play golf in the eighties, support his family adequately, and work expertly with tools. He is a 10-talent man, and he puts them all to work. Most people fall in the second group. They are like a skilled physician who is an excellent gardener. He can't sing. He doesn't play golf. He is not a great leader of men, but he is a wise and devoted father. He uses his five talents well and is a success as a man.

For the third man, let's take a classical illustration. Antonio Stradivarius couldn't sing nor could he play, yet he lived in a land where music was very popular. All Antonio could do was whittle. Well, he did it with a will. He learned the art of violin making from Amati. Today, violins made by Stradivarius are considered the best available. He had one talent, but he used it gloriously.

It is easy to pine and pout in jealousy because we were not equipped by nature as is someone else. The temptation to become discouraged and to hide our ability is common to all one-talent men. But the test of a man is not what he has, but does he make the most of what he has?

Take new courage. Do what you can to the best of your ability and you will find great reward as did the two men in the parable who used their talents wisely.

—Larry Schwarz

### Here Is New Capper Christmas Seal



A TOPEKA ARTIST, Harry Roth, painted the picture (chosen from those submitted by American painters) to appear on the 1953 Christmas seals distributed by The Capper Foundation for Crippled Children.

Born in Germany, Mr. Roth studied art in Berlin and Munich. He has freelanced in several European countries as portraitist, poster and cartoonist, has illustrated more than 60 books. During that time he has won several prizes in art contests. In 1946 he came to the United States and is now a citizen here. Recently he moved from New York to Topeka.

Unlike the seals of former years the new one will have for its subject a single figure—the face of a little girl. The artist says she is typical of youngsters of her age who spend much time just

before Christmas day dreaming about what Santa Claus will bring. She is typical also of those many crippled children who are hoping that in some way they may be made well again.

Christmas seals will be mailed out during the fall. For more than a third of a century, generous-minded persons in the Central West have been making Thanksgiving and Christmas contributions to The Capper Foundation for Crippled Children. Last year, donations ran into thousands from nearly all states. As a result, more handicapped children were given remedial treatment than in any other year since the Capper Foundation was started on Christmas Day, 1920.

### Name Soils Specialist

Named soils testing specialist in charge of state and county soil laboratories at Kansas State College is R. A. Bohannon, formerly of Holton, who holds a master's degree from the Manhattan college. He is working on his doctor's degree at the University of Illinois.

### Dry Small Grains

For tips on mechanical drying of small grains, read "Increase Grain Profits with Mechanical Drying." This new booklet is a service of the Armo Steel Corp., Middletown, O. For your free copy, write Farm Service Editor, Kansas Farmer, Topeka, Kan. Your order will be given prompt attention.



# WORLD



# RECORDS



**6.9 BU. PER ACRE ... FROM ONE ACRE -- 224.2 BU. PER ACRE ... FROM TEN ACRES**

## FOR CORN PROFITS FOR YOU

These records were made with Genuine Pfister Hybrids tested and adapted to the soil and weather conditions of the areas in which they were planted. There are Genuine Pfister Hybrids that have been tested and are adapted to *your* area ... giving you bigger corn profits.

## WINNERS 8 OUT OF 10 TIMES IN FARMERS' FIELDS

For 10 straight years, in 6,820 competitive yield checks made in side-by-side tests right in farmers' fields, Genuine Pfister Hybrids have won 8 out of 10 times, averaging 9.72 bushels more per acre on a No. 2 shelled corn basis.

## GRAND CHAMPIONS

Genuine Pfister Hybrids have won three recent Grand Championship Awards:

- (1) Shelled corn open class, International Hay and Grain Show
- (2) Shelled corn class, Annual Utility Seed Grain Show at the University of Illinois
- (3) Shelled sample, Canadian Royal Winter Fair, Toronto, Canada

## THESE KANSAS FARMERS PLANTED FOR PROFITS



Genuine Pfister Hybrids are the ones they hold their ears to. They also pick better, and better, and I found in feed tests less bu. of Genuine Pfister Hybrids than I have planted Genuine Pfister 100% for the last five years.

G. R. Stephens, Moran, Kansas



"For five years after we bought our first bushel we compared Genuine Pfister each year with other brands of seed. It consistently made us higher yields of very high quality feeding corn. So now our entire 145 acres is planted exclusively to Genuine Pfister Hybrids and has been since the first five years of doing our own testing."

Junior Connor, R. No. 1, Paola, Kansas



"For nine years we have been planting Genuine Pfister Hybrids. We are always looking for something better and have planted other corns for comparison. Genuine Pfister has in all seasons given us the best all around satisfaction for standability, drought resistance and yield. We now plant our entire 101 acres of corn to Genuine Pfister."

John Triebel, R. No. 3, Olathe, Kansas



## CHECK WITH YOUR LOCAL GENUINE PFISTER DEALER

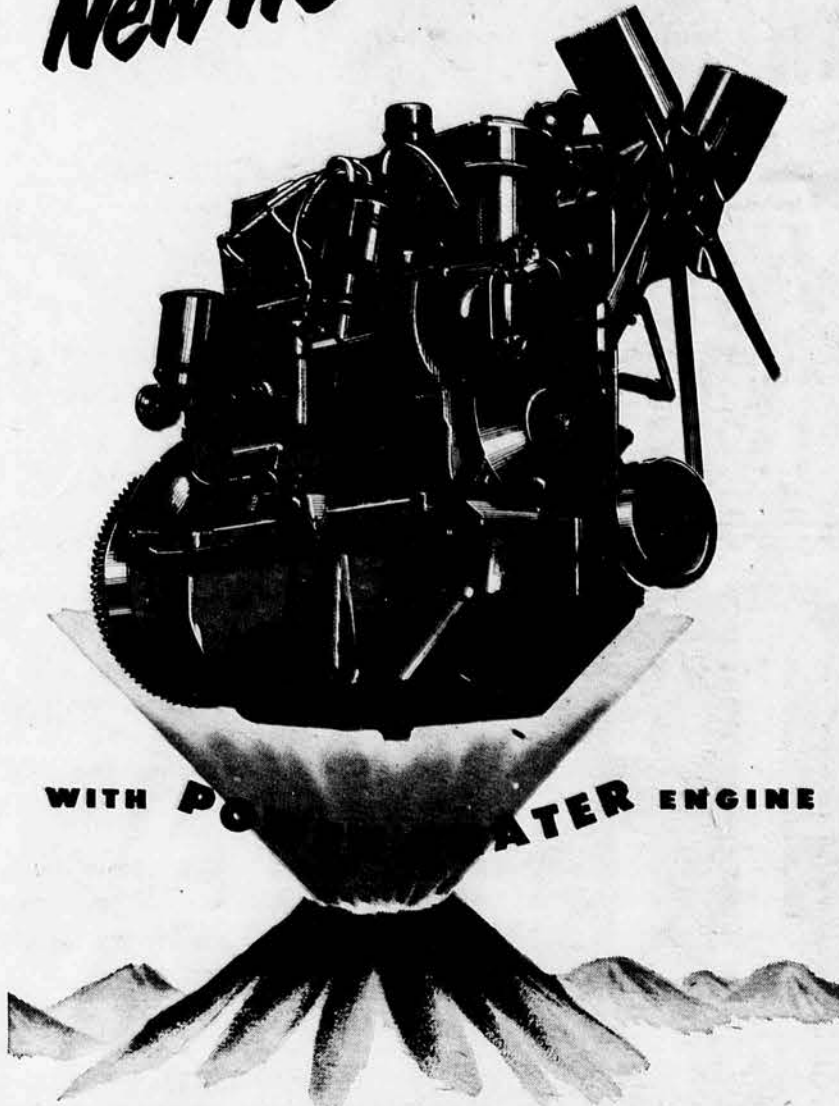
He'll help you select the right type of Genuine Pfister Hybrids for your farm. You will get EXTRA YIELD, too.

**IN MISSOURI AND KANSAS — MISSOURI PFISTER GROWERS, CARROLLTON, MISSOURI**



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WITH POWER CRATER ENGINE

Already a truly great farm tractor by every performance standard . . . the Model WD now becomes still *more* powerful . . . a greater performer than ever . . . with its big new POWER CRATER ENGINE . . . world's most advanced farm tractor power plant!

This mighty 4-cylinder engine . . . result of years of research and development by Allis-Chalmers engineers . . . brings to farmers everywhere a new conception of tractor power and field performance.

POWER CRATER turbulence, center-fire combustion, high octane fuel performance on regular gasoline, 226 cubic inch displacement, and other new power-producing features . . . PLUS . . . Hydraulic Traction Booster, Power-Shift Rear Wheels, Two-Clutch Power Control and 5-Way Hydraulic System . . . form a combination of advantages unmatched and unobtainable in any other farm tractor.

See your Allis-Chalmers dealer today and place your order now!

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



Higher 6.5 to 1 compression ratio; Quick-Jet exhaust action; new deep-breathing carburetor; positive exhaust valve rotation; new "by-pass" cooling system; removable wet-cooled cylinder sleeves; four-speed helical gear transmission; new wide rim 12-28 earth gripping tires; adjustable hydraulic seat; power take-off; battery; lights; starter; muffler; fenders . . . all standard equipment!

No. 1 in a series of articles  
on how to grow flowers

## Narcissus—Flower for Next Spring

By FRANK PAYNE

Here is our friendly flower expert back again with another series of articles you will want to clip and save. Frank Payne makes his living growing flowers. He has to know how to grow them.—R. H. G.

HOWDY, FOLKS, here I am again! After one has grown flowers for almost 40 years they just have to be doing something to keep them out of mischief. So, for the next 12 months you will be reading in *Kansas Farmer* a lot about my personal experiences with various types of flowers. I have selected flowers you can easily grow around your own home, to help a lot in beautifying the farmstead.

Let's hope we may have some nice fall weather, good rains and heavy snows in winter months to put moisture deep into the subsoil, so 1954 could be one of the best crop years in our history! Kansas farmers come from hardy, pioneer forefathers and if drouths or bad weather destroyed their crops one year, the next year they would keep right on in hopes of a better year. That "trying it again" is certainly the right spirit in flower growing. Someone has to grow flowers to help beautify this old world of ours—it had just as well be you and I!

### For Fall Planted Bulbs

For the next few articles I shall write about bulbs that must be fall planted if you want early spring flowers. They come up soon as frost is out of the ground, bloom all thru April and first half of May when you really do appreciate bright, colorful spring flowers. One of the first bulbs to plant is Narcissus. (Some of you folks may call them Daffodils or even Jonquils, but Narcissus is their correct Latin name.) They came from the Amaryllis family and were found in Spain, Portugal and other nearby regions. Today thousands of acres are grown commercially in the Pacific Northwest, with the tender varieties down south in Florida.

The culture of Narcissus is quite simple. Plant 6 inches deep and at least 6 inches apart. They must be planted early in the fall, during September if possible and not later than October 15 in this section so you can be sure of blooms next spring. If the ground is too

dry when you are planting, give good soaking. Large-size bulbs produce best blooms. If bulbs are too small may take a couple of years to get them into blooming size. Use bone for fertilizer, placing it in soil six inches under the bulbs with earth. Bone meal because bulb must not get any fertilizer. Never use animal manures over your bulb plantings; it will be sure to get a rot started in them.

### Get Many Different Colors

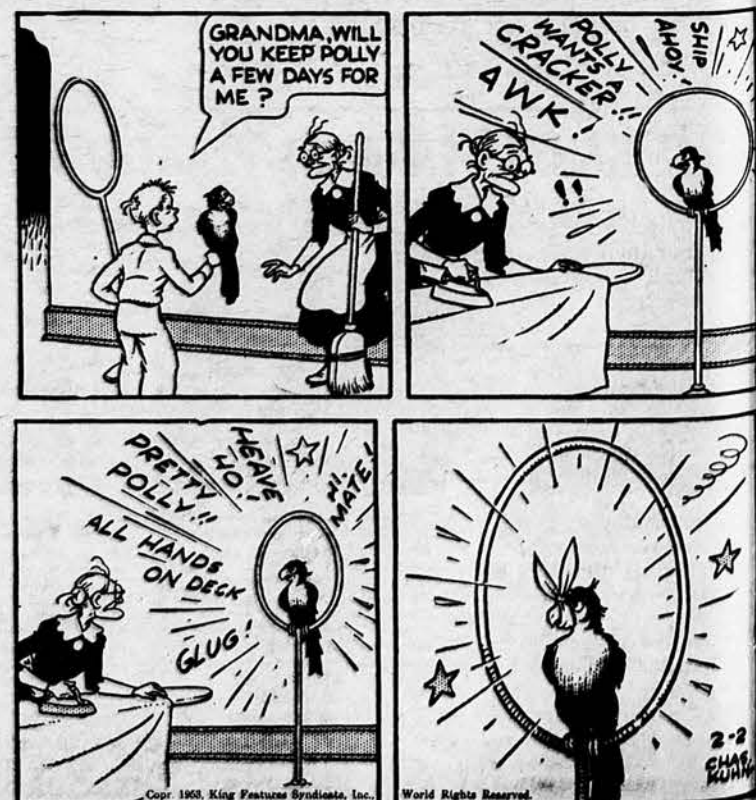
Some folks say Narcissus do bloom long enough. That is easily rected. Just get several types and blooming season is made much longer because there are early, middle and late varieties, giving you full 6-week period of bloom from the first to latest variety. I also have people say, "I like Narcissus, but are all one color and I get tired of many yellow flowers." Evidently do not know you can get many different colors in Narcissus. Besides all shades of yellow, there are pure white, colors of red and yellow, yellow white, apricot, orange, pink and tones.

Get a new Narcissus catalog and it a careful study. Write today to favorite seed store for a catalog of bulbs. With a little reading you soon make up a list that would make a wonderful springtime flower garden. Narcissus last for many years. Should be dug up every 3 or 4 years and re-rated. They increase very rapidly do not bloom so well if allowed to get too crowded. Never cut off the tops, let them stay on the bulb until they get brown. If cut off when green you are sure to weaken or destroy bulbs for next year blooming. A Narcissus flower is formed by 2 principal parts—outer petals are called "anthers" and central portion, "trumpet cup, crown or eye," according to size. The central portion is the variable part in color. Length and for the most part determine the into which the flower falls.

Tender types of Narcissus that not be grown outdoors include "Narcissus tazetta," the tender polyanthus cluster type. The 3 main varieties—per white is pure white, Soleil

(Continued on Page 11)

## GRANDMA . . . . . By Charles Kuhn





the yellow and Chinese Sacred-lily, a cream and yellow that is very fragrant. These varieties listed above are grown in pots in bowls of stones and water. They can be had in bloom from Christmas until Easter with plantings at intervals of 3 weeks apart.

There is a list of other types, all hardy and can be easily grown outdoors with very little care, only needing to be watered in the spring if there is a bad, dry drouth. I have given you some names of varieties under each class one for your outdoor garden.

**Trumpet**—Trumpets are longer or longer than the perianth petals. The 3 sections—yellow, white and bi-color are represented by the varieties King of the Trumpets, Beersheba and Silvanite.

**Incomparabilis**—Length of trumpet shorter than in the Trumpet class. Measures from one third to nearly length of petals. Two subsections of yellow and bicolor are found in Fortune and John Evelyn.

**Barri**—The cup or crown measures less than one third of the length of petals. Subsections of yellow and bicolor are represented by Bath's Flame and Firetail.

**Leedsii**—Two subsections. Giant Leedsii could be well classed as White incomparabilis. The petals are white with the cup white, cream or pale citrine. Example, Solfatara. Small Crowned Leedsii is like a White Barri. Petals are white, cream or pale citrine.

**Triandrus Hybrids**—Represented by Bonshine and Thalia.

**Cyclamineus**—Represented by February Gold.

**Jonquills and Jonquil Hybrids**—Jonquills are smooth, round, deep green leaves are almost round and rush-like. Flowers are deep buttercup yellow, sweet scented and punched yellow. Example, Campervelle Rugulosus.

**Poetaz**—Of the bunch-flowered type. Flowers have white or pale yellow petals with cups of pale citrine, yellow or red. These are hardy varieties of Tazetta. Example, Laurens Koster.

**Poeticus**—The Poet's Narcissus. Single white flowers with eyes of red, yellow or red and green. / ctata and Casandra are good examples.

**Doubles**—All varieties having double flowers fall in this class. Von Sion and Mary Copeland are good varieties.

#### Blooms Spread Joy

In closing, let me tell you of a personal experience with a gift pot of Narcissus 5 years ago. I was quite ill in a hospital for over 6 weeks. Some of my commercial flower-growing friends sent me a beautiful pot of Narcissus. I entered the blooms for several weeks. Mrs. Payne took them home early in March and dug a hole, dumping the bulbs and then replanting the entire ball of earth with bulbs left intact. They came up nicely the next year but only bloomed because of the forcing of the previous year. Now the second year, each year thereafter they burst into bloom each April and make a beautiful showing of King Alfred, one of my favorite varieties! I am glad to go on to a business that can spread joy for even years and years after a gift has been received. The ones sent me that pot of Narcissus may have forgotten it, but their kind act in time of illness shall never be forgotten by me.

#### Thank You

Dear Editor: I was intrigued by the article, "What Makes a Grasshopper Green?" in August 1, Kansas Farmer. I have been wondering about that very thing. . . . On brilliant green foliage of my Burning Bushes are all colors displayed by grasshoppers. Some are just as green as plants, some are brownish, some are more pink. The green ones puzzled me, and I thought perhaps they were all green when young. . . . I do enjoy the nature articles in Kansas Farmer.—Mrs. Walter Oswald, Hesston, Kan.

# IT TOOK ALL THREE:

## GOOD PULLETS!



Here is Mr. Paul J. Schrag of Moundridge, Kansas, with one of his high-producing hens, like the ones that gave him 70% to 75% egg production last fall. He says: "I manage my flock to get all the eggs they're bred to lay. And, my first rule of management is: 'Buy chicks that are bred to lay heavily the year around!'"

## GOOD MANAGEMENT



Well-thought-out details of Mr. Schrag's laying house help him hold down risks of disease, save him steps, keep sanitation at a high level. He says: "Planning is 80% of good management. My plan gets me more results for my time, my work, and the money I pay for chicks and feed."

## GOOCH'S BEST Feeds



"To repeat, I care for and feed my hens to get all the eggs they're bred to lay", Mr. Schrag says. "And I think the feed that gets those eggs is GOOCH'S BEST. I kept records last year, and, feeding GOOCH'S BEST All-Mash Egg Pellets got 70% to 75% production throughout the test."

## All over the Midwest GOOCH'S BEST Feeders Use these Methods, Get Top Results!

JOE BERNING, JR.,  
SIBLEY, IOWA,  
says:

"I kept records for 3 months last year, while feeding GOOCH'S BEST 26%, and got 66.7% production in November, 77% in December, 73% in January, and a 90-day average over 72%".



MRS. EARL H. MATHEWS,  
WYMORE, NEBR.,  
started 350 pullets on GOOCH'S BEST 26%. She says: "I culled out non-layers . . . and when I added up the daily December records, I found that I had gotten 6,402 eggs for about a 70% production record".

MRS. PAUL ENNS,  
LA JUNTA, COLO.,  
says: "I put 199 White Leghorns in the laying house. . . feeding them GOOCH'S BEST. I kept culling the flock down till it was under 160 birds and in the last month, they laid at the rate of 62%".



MRS. ARTHUR WINDOM,  
VILLISCA, IOWA,  
says: "I had been feeding my flock of 200 pullets GOOCH'S BEST since they were baby chicks, and when I put them on the 26% Laying Supplement in November, they increased their production every week. In December, those 200 hens gave me 4,880 eggs. That's an average of 24 eggs per hen per month, or nearly 76%, and they kept up that pace right through January".



# 75% Egg Production Record

Mr. Schrag knows he's going to make money from his hens, because he has a plan that works. GOOCH'S BEST feeds are an important part of that plan. It helped him so effectively last year that by December, with consistent culling and careful management, he finished a 3-month test with a production of an average of 4,790 eggs per month from 208 pullets—better than 75% production.

Is your "plan for more egg profits" working as well as Mr. Schrag's, or the other folks mentioned at left?

If it isn't, maybe GOOCH'S BEST can help you! Even if your feeding plan is different, there is a GOOCH'S BEST Feed that will fit—and will give you the same feed advantage these other poultry raisers have. Whether you have lots of grain—or want a complete all-in-one feed, there is a GOOCH'S BEST Feed especially designed to help every hen lay all the eggs she is bred to lay. Further, every GOOCH'S BEST Feed is so

thoroughly blended you can be sure your hens will receive a balance of needed egg-making nutrients every day.

And now we can help you in another way! Since few flock owners have time to work out all the labor-saving, management devices that get those last extra-profit eggs, GOOCH has prepared a useful new booklet, "Managing Your Hens for Extra Eggs".

It's full of practical ideas that others have already proved profitable! Get this free booklet today!

## GOOCH'S BEST GOOD MANAGEMENT

### FREE Booklet! "Managing Your Hens for Extra Eggs"

(25¢ Value)

Not only how to get more eggs from your flock, but how to save time and effort in caring for your birds. Many helpful, usable ideas! Mail coupon now—or ask your GOOCH'S BEST dealer.



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Lincoln, Neb. Gooch Mills, Inc. Dallas, Texas Duluth, Tenn.  
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Are Valuable!

Collect and trade them for valuable merchandise. Ask your GOOCH dealer for new, free Red Circle catalog.



## State PMA Office Announces Changes in ACP Program

A NUMBER OF CHANGES have been announced in the 1954 national program of practice payments, says Earl W. Chapman, of the Kansas State PMA committee, Manhattan. Many practice payments for 1953 will not be continued into 1954, he says. In addition, other practices are eligible only if they are a part of the complete conservation practice. For example, removing hedgerows is eligible for government cost-sharing only if removal is necessary in connection with construction of a terracing system. Seeding practices for improvement of crop rotations are eligible only on acreage in excess of average acreage of crop on the farm the past 3 years.

A 1954 practice payment program for Kansas has not yet been set up, Mr. Chapman says. Following is a list of 1953 ACP practices not included in the 1954 bulletin:

Contour listing, contour chiseling, basin listing, pit cultivation, or other approved tillage operations, to control wind or water erosion, when not a part of a seeding operation.

Cross-slope farming to protect

against washing and blowing of soil and to reduce runoff of water in areas where contouring is impracticable.

Leaving stalks or stubble of sorghum, Sudan grass, millet, or broom-corn as a protection against wind erosion.

Bringing adequate amounts of clod-forming subsoil to the surface on sandy cropland subject to wind erosion to protect soil from blowing. Unless in area having serious wind erosion problem in 1954.

Mulching to control wind erosion or in connection with tree planting on blow land.

Mulching for soil improvement and maintenance purposes. (a) Applying mulching material to orchards or to vineyards. (b) Applying mulching material to cropland.

Controlling perennial weeds as a necessary step in soil or water conservation.

Improving and maintaining a desirable vegetative cover on range land. (a) Grazing land management to maintain or improve range and watershed conditions. (b) Natural reseeding of

desirable range forage plants by deferred grazing. (c) Establishing for seed production an increased acreage of perennial range and pasture grasses or pasture legumes.

Constructing supplemental new large water storage at wells or springs for livestock water.

Constructing stock trails thru rock or other natural barriers to obtain better distribution of grazing.

Constructing or maintaining fireguards to protect grazing land.

Managing pastures, other than range, to obtain better cover.

Subsoiling to permit better penetration of water. (a) Subsoiling to a depth which will effectively shatter the hardpan or plow sole. (b) Rotary subsoiling. (c) Deep plowing.

Installation of facilities for sprinkler irrigation for permanent pasture on rolling land.

Conservation of irrigation water and prevention of soil erosion and leaching, by the controlled application of irrigation water.

Maintaining a stand of trees and shrubs in windbreaks or shelter belts.

Constructing firebreaks or fire lanes.

Constructing permanent fences to protect farm woodland from grazing.

Agricultural limestone is limited to the initial application on land devoted to legumes or perennial grasses in 1954

or to land to be devoted to these crops in 1955 and is limited to the amount needed as shown by a soil test.

Commercial fertilizers are authorized only as a part of a practice of establishing vegetative cover or permanent pasture and then only for the minimum quantities required for the successful establishment of the cover

## Champion Wheat Didn't Fill

Remember *Kansas Farmer* ran stories several months ago on 2 English farmers visiting in Kansas? A lot of you were interested in the 125 bushel-an-acre wheat yield that gave Mr. W. Turrell, one of these Englishmen, the 1952 world champion wheat grower title.

In our first story about the Englishmen we said a sample of the world champion wheat was being tested in Kansas. We now have a report on the variety, Hybrid 46, which was planted near Winchester, in Northeast Kansas by Herbert A. Holmes. Mr. Holmes says: "The hybrid wheat looked very good, put on a large head, but due to dry weather did not fill out."

So, guess you will have to go on raising those good Kansas varieties.

## German Girl Comes to Kansas

Marshall county 4-H'ers have a new friend from overseas—Helga Scheatze from Germany. She is an International Farm Youth Exchange program delegate spending the summer with Patricia Fletcher, on the Blaine Fletcher farm south of Axtell.

Patty, 4-H Club reporter, writes *Kansas Farmer* that "Miss Schaeetze lives in a village but her mother owns what is considered a very large farm in the Rhineland, of 63 acres. Main source of income is vineyards. They have 4 laborers in the home, 8 families who work continuously in the vineyards, and hire between 25 and 30 at harvesttime. A brother manages the farm. Also grown on the farm are oats, wheat, rye, sugar beets. There are milk cows, a few pigs, and 3 horses."

While in Kansas, the German girl is living on a 960-acre diversified farm.

## Kansans Approve Wheat Quotas

Kansas farmers voted overwhelmingly August 14 in favor of wheat marketing quotas for 1954. The state vote was 8 to 1 in favor, and the national vote was 87.2 per cent for quotas.

In order to have continued control in marketing wheat crops, at least two thirds of those voting must approve quotas. The big "Yes" vote means a farmer is subject to quotas generally on acreage classified as wheat on a farm in 1954 is more than 15 acres, or if the farm has a normal production of 20 bushels or more on the acreage planted for harvest. There will be a price support at 90 per cent of parity for the 1954 crop. This would be about \$2.20 a bushel at current relationships.

Complete Kansas vote was 58,711 votes "For," 7,308 "Against," and 9,800 votes "Challenged." Following a check of records most challenged votes were counted. There were 75,829 votes cast in the state, with an estimated 140,000 farmers eligible to vote. Last vote was held in 1942.

Farmers will be required to stay within acreage allotted to them; should they go beyond, they would lose their eligibility for price supports. They also would be liable for a penalty of \$1.10 a bushel on wheat sold or used from excess acreage.

## Garage Accessory

I keep a piece of linoleum about 4 by 6 feet hanging on the garage wall. When I have to get under the car I use the linoleum as it is easier to slide on and much easier to keep clean.—C. C.

# 200,000 MORE ACRES

NOW PLANTED TO  
**CORNHUSKER** Hybrids  
than 3 years ago!



## THAT'S A REAL SWING TO CORNHUSKER!

CORNHUSKER HYBRIDS must be good! Ask any CORNHUSKER customer about their EXTRA YIELDS—their resistance to

drouth—their clean, easy picking—and their sound, attractive ears that weigh heavy and over-run when shelled!

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# Occo BIG 3 FEEDING PLAN MEANS... CHEAPER GAINS!

**Every farmer knows... A Feed Dollar Saved  
is a PORK DOLLAR EARNED**

**FIRST...** You spend less because you buy only the pork-building elements your corn is short of... you buy only what you need because the Occo Big 3 is a tailor-made program to fit your particular needs.

**SECOND...** Occo increases the feeding value of your corn and other grains. Occo's vitamins, minerals, and live-cell yeast help your pigs digest and use more of the grain they eat. With Occo you'll notice less grain being wasted... it takes fewer bushels of grain to make more pounds of pork... **GOOD LEAN PORK—THE KIND BUYERS LIKE.**

With Occo you can have those fast gains — **AND YOU CAN HAVE 'EM CHEAP!** Every dollar Occo saves you on feed goes into your pocket when your pigs go onto the buyer's scales.

Only a small amount of Occo Mineral-Vitamin Supplement gives pigs all the major and trace minerals they need... and each pound of Occo contains 32,000 U.S.P. Units of precious Vitamin D. This is very important during the fall and winter because your pigs **MUST HAVE** Vitamin D to get any value from the calcium and phosphorus they get.

**CUT PROTEIN COSTS...** OCCO-TRATE is the Advanced-Formula of the 12 essential amino acids that give your pigs a higher-quality protein at lower cost. Occo-Trate also supplies the important B-Vitamins, Vitamin A and an antibiotic.

You **CUT PROTEIN COSTS** with Occo-Trate because it requires only one bag of Occo-Trate to protein balance a ton of grain. You no longer have to use 2, 3 or 4 bags of protein supplement.

Occo-Lak is the **LIVE CELL YEAST** formula that helps make your home-grown grains more digestible. Occo-Lak turns fewer bushels of grain into more pounds of pork—**CHEAPER!**

**CHAMPION PORK PRODUCER SAYS...** "I was awarded a plaque as Champion Pork Producer in 13 Eastern Iowa Counties. Occo products certainly helped me win this honor. My record indicated 191 pigs raised from 21 sows for an average of 9.10 pigs per litter with a gain of 1.23 pounds per day from birth to marketing. I received an engraved plaque from Iowa State College in recognition for my work."

*Reldo Kroeger, Davenport, Iowa*

# CHEAPER GAINS!

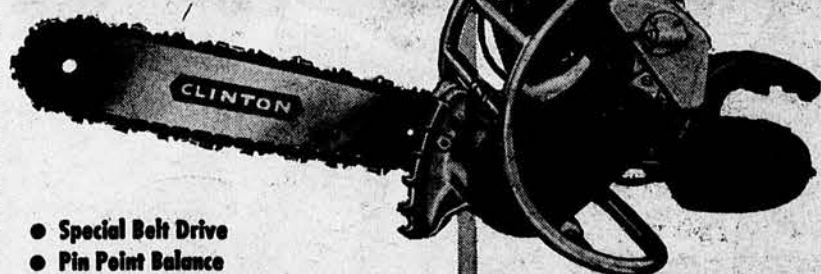
Talk with the Occo Service Man who lives near you. He'll be glad to show you how you can have cheaper gains and put a better finish on your hogs with the Occo Big 3 Feeding Plan.

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take this **FREE**  
3 minute test  
and be convinced

## CLINTON "Convincer" CHAINSaws



- Special Belt Drive
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RETAILS FOR ONLY  
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It only takes this simple three minute demonstration to convince you the Clinton "Convincer" is a quick starting, easy handling chainsaw. LIFT IT! Feel its light weight and perfect balance. USE IT! Experience the power, maneuverability, and versatility. PRICE IT! So much chainsaw for so little money.

Clinton's exclusive engine replacement plan means you need buy and replace only the basic engine unit and save countless dollars. Liberal trade-in for old engines.

Bow Saw Attachment: Will fit same engine. No new transmission needed. Helper's Handle: Two styles, with or without positive oiling mechanism. Low Cutting Attachment: Will fit same engine. No new transmission needed.



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### It's Easy to Do a Little "Shopping" in the Advertising Columns of Kansas Farmer

When you find the item you want, read the manufacturers' description and then hunt up your local dealer. Likely he has the product in stock you have been reading about in the Kansas Farmer.

**Kansas Farmer Recommends Its Advertisers!**



## Dwight Hull SAYS...

### No Wonder the State Fair Is Popular

PERHAPS there is no other event so universally popular among American farmers as the state fair. This is quite understandable, as the diversity of entertainment and educational opportunities create interest for all members of the family. No matter what the family's interest is, time spent at the fair is always worthwhile.

For most farmers, exhibiting at the fair is the culmination of a year or perhaps several years of work in which they have planned and labored to produce a product or an animal of which they are very proud. Perhaps there is no greater thrill that comes to a farm family than taking home a blue ribbon from a state fair.

A blue ribbon or any ribbon won at a state fair symbolizes a great deal more than appears at the moment. To a great extent a blue-ribbon product symbolizes an ideal. An ideal that has been created largely thru our great American educational system. Agricultural education affects every farm family in one way or another. Education has given us the information needed to produce a superior product, and the fair provides a place to exhibit the product to see how nearly it meets the ideal or standard set. Thus the incentive created at a fair stimulates the desire to increase our efforts in producing an ideal product, and causes us to set even higher standards for our ideal.

#### Learn Something New

To the farm family whether they exhibit or not, the fair affords many an opportunity to increase their information and knowledge of agriculture and agricultural products. For example, the dairyman who watches judging of dairy cattle will probably have a clearer picture in his mind of what to look for in selecting animals of good type. Because of the fact there is no way to measure or weigh an animal to determine good type, the ideal as pictured in the mind of the judge is his guide or standard. To be able to determine good type requires a great deal of practice in comparing animals. Therefore, the more one watches cattle judged, the greater is his opportunity to develop in his mind a picture of an ideal animal.

To our way of thinking the educational features of fairs provide the

greatest reason for their continuing growth and development. Yet there are many other good reasons why folks consider a day or two attending the fair as a must on their calendar events for the year.

Perhaps a top reason many attend the fair is to renew friendships of the whom they have met in previous years and seldom see any other place. I know from experience the fair is an excellent place to meet dairymen from other parts of the state, many of whom become lifelong friends.

The fair is in reality the show window of agriculture. So no matter what phase of agriculture a farmer is interested in, he can find it on display at the fair. And what he sees is not only the best produced in the state but in the tries, he can obtain much first-hand information on why it is the best. In fact we consider it a rare privilege to talk to someone who has produced a champion, whether it be a champion animal or a champion ear of corn. Much sound information can be obtained talking to the men and women, thru their own efforts, have been successful as to have produced a champion.

### Hold Beef Tour

A big barbecue featured the Weston county beef tour, July 21. A pit dug at the county fairgrounds, and pounds of boned meat were barbecued. More than 1,000 plates of food were served, and 275 persons attended the tour.

A branding, dehorning and castration demonstration was given at afternoon program. Wendell Moxley, Kansas State College Extension livestock specialist, spoke on cattle feeding experiments. Ray Hoss, Extension marketing specialist, talked on the market situation and trends.

### Choose Wheat King

Sumner county "Wheat King" 1953 is Earl J. Kerschen, Convoy Springs. He grew Ponca wheat this year, was crowned at close of 4th annual Wheat Festival at Wellington, July 31. Competition was keen in a field of 19 wheat growers with 35 wheat samples.

### BROTHERS ENJOYED "NO MONEY" AUCTION



MIKE AND RONNIE BURTON, and their dad, Ronald Burton, of Plainville, enjoyed looking over beef animals in CK Ranch pens prior to the annual "No Money" Auction held at the ranch, at Brookville, July 25. Ronnie was one of 40 successful bidders of a group of 66 from 8 states. John Vanier, CK Ranch owner, was host at the event. Ronnie, 12-year-old member of Plainville 4-H Club, got a Hereford calf. Mr. Burton is 4-H Club leader.



# PAUL BUNYAN HAS NOTHING ON YOU!

Yesterday, Paul Bunyan was a legend. Today he is you—and every other American.

Today you can travel as fast and as far as once upon a time only Paul Bunyan could travel. You can span a continent in hours. You can do even more. You can pull sleek streamliners over mountains. You can heat skyscrapers. You can build, lift, move, plow, kill insects, destroy weeds, and grow crops—all through the use of petroleum products.

Every step in supplying you with needed petroleum products—finding new sources of oil, drilling, refining, transporting, distributing—is a big job.

Last year, for example, we invested about \$100,000,000 in the development of new sources of oil, including obtaining leases and drilling wells.

There are many other costly facilities too. A refinery of reasonable capacity and efficiency costs \$25,000,000. One mile of pipeline may cost \$35,000 or more to build today. And Standard Oil and its subsidiary companies have over 17,000 miles of pipelines. Other large amounts are required for expanded and improved marketing facilities—bulk plants, warehouses, service stations and motor equipment.

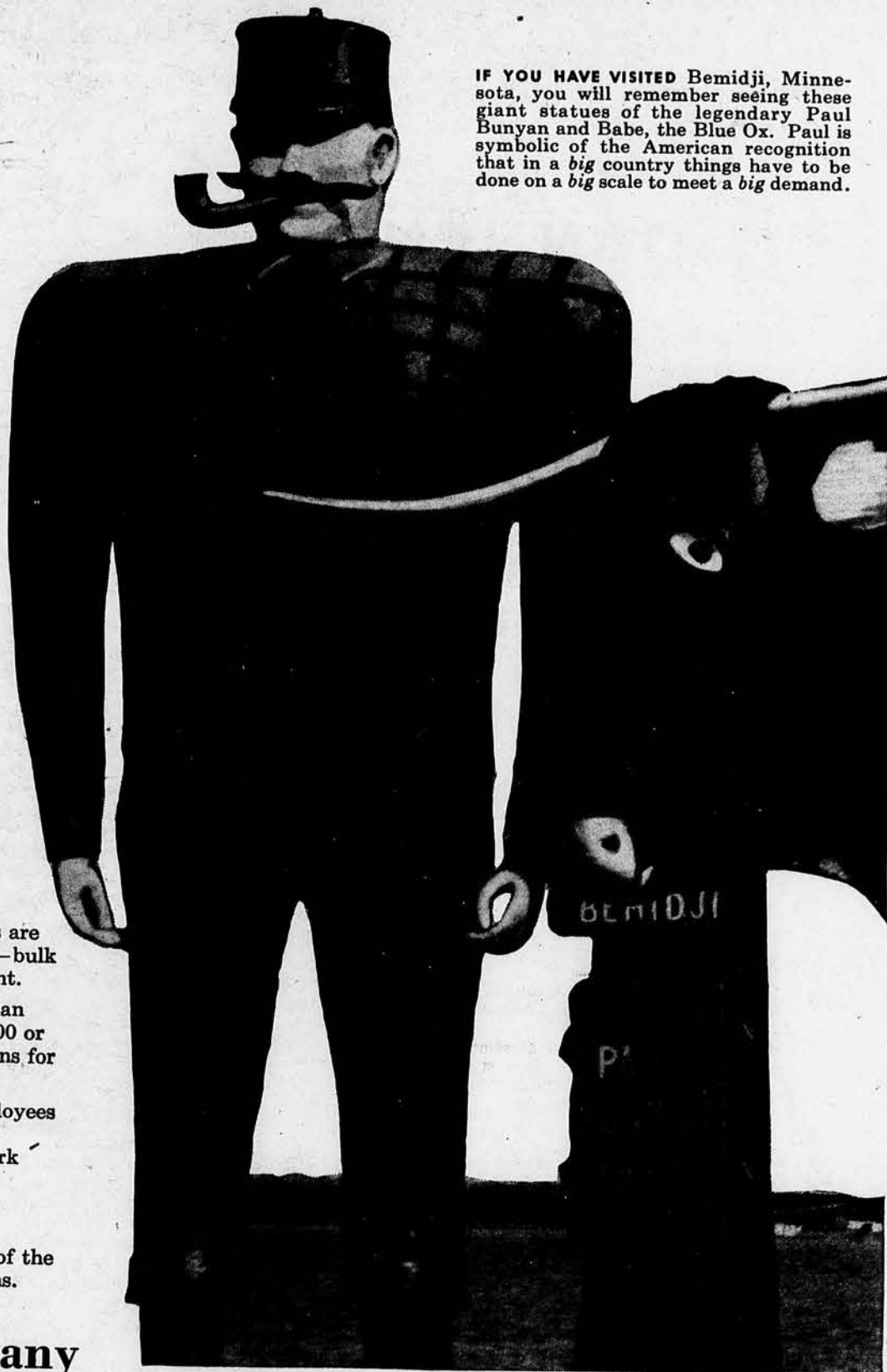
All told, to better serve a phenomenal growth in civilian and military needs, it will cost us more than \$200,000,000 or about \$600,000 every day this year to carry out our plans for new and improved facilities.

However, modern equipment operated by skilled employees helps us to produce and deliver a gallon of gasoline at a remarkably low price. And two gallons today do the work that took three in 1925.

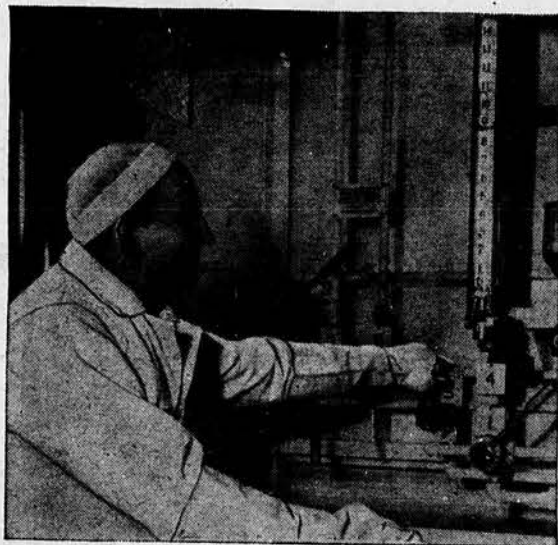
And because Standard Oil has grown with your ever mounting demand for petroleum, because we have big facilities and big resources, we are able to do a big part of the big job expected of industry in a nation of Paul Bunyans.

## Standard Oil Company

IF YOU HAVE VISITED Bemidji, Minnesota, you will remember seeing these giant statues of the legendary Paul Bunyan and Babe, the Blue Ox. Paul is symbolic of the American recognition that in a big country things have to be done on a big scale to meet a big demand.



**IT TAKES BIGNESS** in oil production to keep a mechanized nation moving ahead. Discovery of new sources of oil is vital. But drilling a wildcat well in an unproved area may cost more than a million dollars. And the odds are eight to one against finding oil in commercial quantities. Despite the cost and the risk, Standard Oil is constantly looking for and finding new petroleum sources to maintain the nation's reserves.



**IT TAKES BIGNESS** in research to keep up with the need for more efficient lubricants and fuels. A total of 2,500 people—men like Joseph J. Gregor of our Whiting laboratories—are employed in our research departments. In recent years we have plowed back about 66 cents out of every dollar of earnings in addition to borrowing over \$300,000,000 to pay for expanded facilities, including research.



**IT TAKES BIGNESS** in planning to get ready for future demand. Right now we have a multi-million dollar pipeline building program under way. And more millions are going into the construction of a 30,000-barrel-a-day refinery at Mandan, North Dakota. The investment of almost 125,000 stockholder-owners—people like Mrs. Florence Luedeke (above) of Peoria, Illinois—makes possible such huge building programs.





# DANNEN EGG FEED

Mrs. Nannie Trusty  
Cowgill, Mo.  
reports:

"I've been a satisfied Dannen poultry feeder for the last 15 years. I like Dannen Poultry Feed because of the excellent results I get. My 500 hens laid 9,583 dozen eggs last year for an average of 230 eggs per bird! I made a profit of \$2.06 per bird during the year and am well satisfied."

Mrs. Trusty is one of the many poultry raisers on the Dannen Poultry Program that have had profitable results. Get Dannen Egg Feed for your layers right away.



Manufactured by

**DANNEN MILLS, INC.**

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See your local  
**DANNEN  
DEALER**

## Drouth Emergency Feed Program Gets Underway in 88 Counties

THE HALF-PRICE feed program offered by PMA to drouth-stricken farmers in Kansas (88 counties to date) has stirred up considerable controversy. The program was first designed for only those counties or parts of counties most severely hit and to protect foundation herds.

As the program progressed, however, more and more counties asked for assistance and the program was expanded to take in feeding operations to keep drouthy cattle from being thrown on the market.

Seeing their neighbors getting the cheap feed was too much for many farmers and some not in distress eventually sought the cheap feed as an "equalizer." They followed the theory that "how long can we stay in business trying to produce beef when we have to pay twice as much for feed as our neighbors?"

Wendell Becraft, chairman of the state Production and Marketing Administration, reported that during the first 31 days of the program 565 carloads of the cheap feed had been brought in and that 465 more cars were on order. Each car will hold 1,830 bushels of corn, 2,560 bushels of oats or 30 tons of cottonseed products.

Speaking on the intent of the pro-

gram, Mr. Becraft said: "The county committees have to operate within the federal instructions but they are the only ones to know whether or not a man is eligible for the feed at reduced rates."

Pressure on county committees has been terrific and few have been able to hew strictly to intent of the program. Wayne Rogler, prominent Chase county rancher, was quoted in the Topeka Daily Capital as saying: "If the government hadn't stepped in with this program the livestock industry would have fallen down around their ears."

### What Stockmen Think

Mr. Rogler and many other Kansas stockmen, however, have concluded that one purpose of the program has been to get rid of a surplus of corn and cottonseed products held by the CCC.

On August 18, Secretary of Agriculture Ezra Benson announced 46 Kansas counties would be removed from the drouth list, and 7 more were added. Reason given for removal was because of improved pasture and moisture conditions. The 7 added were Cherokee, Crawford, Bourbon, Linn, Miami, Wyandotte and Johnson, because of "continued deterioration of pasture and feed conditions," according to the USDA.

## Treat Wheat and Barley Seed For Better Stands, Disease Protection

By CLAUDE L. KING, Kansas State College Extension Plant Pathologist

EVERY GROWER of wheat and barley should treat seed this fall, advises Claude King, Kansas State College Extension plant pathologist. Not only does seed treatment insure against stinking smut but gives better stands.

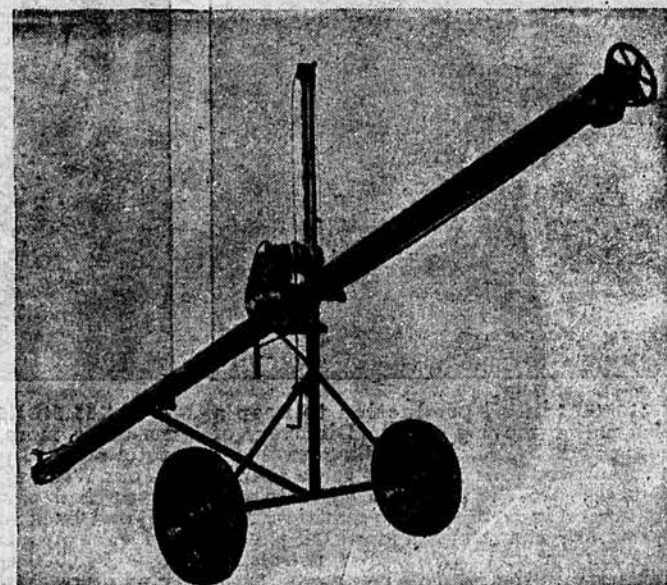
Extensive experiments conducted recently by Dr. Earl Hansing, KSC plant pathologist, and tests by Mr. King, show treated seed gave up to 14 per cent increase in wheat stands. Average increase was 7.5 per cent.

If one considers only saving of seed, fungicide application is very profitable. A 7.5 per cent increase in stand means 56.5 pounds of treated seed wheat would give as many plants as 60 pounds not treated. That 4.5 pounds of seed saved is worth 17 cents while the material used to get this return costs less than 5 cents (Ceresan M or Panogen). On a state-wide basis, if all Kansas farmers would treat seed and reduce rates 7.5 per cent they would save \$1,050,000 worth of seed with an expenditure of material of \$350,000. This one feature would save farmers \$700,000, to say nothing of protection from stinking smut and increase in yield in certain years.

Many growers have seed custom-cleaned, and treated, at seed and elevator firms. If a grower has his own seed cleaner he can treat seed easily by welding a short piece of pipe into a hole made on top of tube of an auger loader as shown in the picture on page 17. Top of pipe should be threaded so a cap can keep hole covered when not in use. For treating seed, place funnel in pipe to receive treating material. Feed in enough fungicide for 2 bushels as 2 bushels passes by in auger when crop is moved from bin to truck for planting. Certain number of bushels pass by in an hour, so it is easy to calculate that every so many seconds a bushel passes by the funnel.

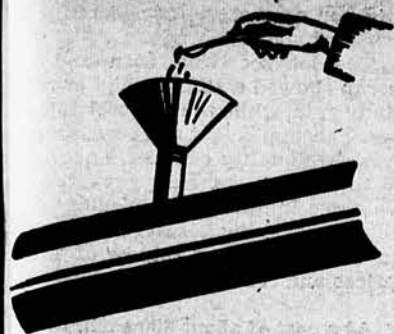
Dust irritation problem is being solved. On a Ceresan M container it now mentions that Ceresan can be mixed with water and fed into treated in that form. Ceresan M-2X has added advantages—twice as concentrated so takes half as much to mix with water and has a sticker with it so after seed dries in storage no dust is given off in handling. Panogen comes only as a liquid so gives off no flying dust. It

(Continued on Page 17)



MOST FARMERS WHO live in the western two thirds of Kansas have auger loaders similar to the one above.





**LABOR OF TREATING** seed is easy, by use of small homemade addition shown above.

available only in amount sufficient to treat 750 bushels. However, it can be stored in its air-tight container.

"There are many new seed treatment materials arriving on the market and so fast that it is impossible for experiment stations to give them just trial before they are advertised," says Mr. King. In 4 years of tests (1947-1950) he found these materials to rank in this order in giving best increases in stands when wheat plantings were made the first of October: Arasan, Ceresan M, Panogen, New Improved Ceresan, Spergon and Copper Carbonate. Mr. Hansing conducted tests in 1950 and 1951 and found these rankings: Arasan, Vancide 51, Ceresan M, Panogen, Spergon, New Improved Ceresan, and Agrox. All other products have not been sufficiently experimented at KSC to list data.

## MARKETING VIEWPOINT

By LEONARD W. SCHRUBEN

Some features of the wheat program of Canada: Canadian farmers may plant all the wheat they wish. Not having acreage allotments may sound attractive to U. S. farmers. However, Canadian farmers haven't received as high price as U. S. farmers.

Canadian farmers do not have a guaranteed price for wheat except the advance payment announced about harvest time. All wheat for commercial use must be sold to the government. The Canadian wheat board is the only buyer. Thru orderly marketing, Canadian farmers hope to receive the highest price possible over a period of years. Canadian farmers have marketing quotas for wheat, although their quotas are different than in the U. S. The government sets a quota which is the maximum that can be sold at any one time. It is based on the acres of wheat a farmer has. Each farmer has a permit book in which is recorded the use of each acre of land on his farm. The number of acres of wheat is recorded.

### How Quota Works

The quota works like this. Say on September 1, the wheat board announces each farmer may sell 6 bushels of wheat for each acre. If a farmer had 10 acres, he would be permitted to sell 60 bushels. The October quota might be 3 bushels. The farmer could deliver 180 bushels.

The wheat board pays an advance for each bushel delivered. If the board sells the wheat for more than the advance, the extra is returned to the wheat growers at the end of the season. The payment realized by a wheat grower in Canada is determined by the price received by the government and the amount of wheat sold. In other words, the government acts as a marketing agent, but does not guarantee a price.

Contrasting the U. S. and Canadian wheat plans brings out the fact producers of commodities in a competitive

situation cannot produce as much as they wish and command a price higher than will clear the market. When there is a surplus, producers must choose between either producing at a lower price or restricting production to receive a higher price.

*What are prospects for wheat prices during the next month?—G. B.*

It appears most likely wheat prices will work to slightly lower levels in the immediate future. Among factors which point to a declining trend are a record spring wheat crop and relative inactivity in the export market. Marketings of spring wheat are not expected to be heavy as farmers will hold where possible for prices nearer the loan rate. However, some sales will be made and large supplies dominate the market.

Competition is increasing in the foreign market as other exporters also have large supplies. The new International Wheat Agreement has not been formally ratified as yet, but some offers

are being made under its terms. United States prices under the revised agreement are about 19 cents a bushel higher than the old agreement. This will tend to restrict sales, at least in the near future.

There are several other factors which merit attention. One could lead to a sharp decline, the other could lend strength to prices. At this point both are more or less conjectural but, nevertheless, are potential price affecting forces. A rather large open interest has developed in the wheat futures market. Some of this undoubtedly is speculative long interest which could take a change on short notice and result in sharp declines. On the other hand, proposals are being considered for a substantial amount of relief feeding in foreign countries. It is likely a determined attempt will be made to utilize some of our surplus wheat for this purpose. If this can be done without hindering export sales it will lend strength to prices.

—John H. McCoy.

## Likes "Farming Firsts"

Dear Editor: I find your "Farming Firsts" column very interesting. . . . It is my idea that history, in addition to a general interest appeal is useful in that it helps us to understand how we got where we are today. Thus we have a better basis for judging current problems. At the same time, history gives us a sense of continuity or belonging in a very fast-moving world.—Wayne D. Rasmussen, Agricultural History Society, Washington, D. C.

## New Scholarships

Kansas State College milling department announces two \$250 a year scholarships, established by the International Milling Co., Minneapolis, Minn.

# NO OTHER SEED CORN Has ever given such amazing results!

In the past 14 years,  
on almost a quarter-  
million acres

# DEKALB

Has averaged 98.82  
Bushels per acre for  
47,268 Farmers

Look carefully at DEKALB records during 14 consecutive years in the world's largest corn growing contest. See how DEKALB CORN came through with profitable average yields of sound, ripe corn, year after year. Over this 14 year period, more than 47,000 farmers averaged just under 100 bushels of corn per acre. Remember DEKALB and ONLY DEKALB can point to such a record of consistent, high proven performance. Make sure your next corn crop is DEKALB.



While talking to your DeKalb Dealer, ask about DeKalb Chix. They're NEW and DIFFERENT.

DeKalb Agricultural Association, Inc., DeKalb, Illinois  
Commercial Producers & Distributors of DeKalb Seed Corn & DeKalb Chix



For 14 straight years More Farmers  
have planted DeKalb than any other Seed Corn

1939 800 Farmers averaged 98.00 Bushels of DeKalb per acre

1940 1,079 Farmers averaged 102.38 Bushels of DeKalb per acre

1941 1,908 Farmers averaged 99.79 Bushels of DeKalb per acre

1942 1,493 Farmers averaged 110.17 Bushels of DeKalb per acre

1943 2,480 Farmers averaged 100.60 Bushels of DeKalb per acre

1944 3,358 Farmers averaged 104.16 Bushels of DeKalb per acre

1945 5,552 Farmers averaged 82.34 Bushels of DeKalb per acre

1946 4,413 Farmers averaged 98.69 Bushels of DeKalb per acre

1947 3,625 Farmers averaged 80.01 Bushels of DeKalb per acre

1948 5,282 Farmers averaged 110.14 Bushels of DeKalb per acre

1949 4,428 Farmers averaged 101.52 Bushels of DeKalb per acre

1950 3,441 Farmers averaged 94.95 Bushels of DeKalb per acre

1951 4,058 Farmers averaged 97.89 Bushels of DeKalb per acre

1952 5,261 Farmers averaged 110.53 Bushels of DeKalb per acre

## Thank You

We like Kansas Farmer very much.—Mrs. Albert R. Papes, Trego Co.

\*All yields were made on Selected 5-Acre Contest Plots in National DeKalb Corn Growing Contests.





*This Little Guy  
Just Took 1742  
Square Feet of  
My Land!*

My BEM BRAND dealer's been pulling that joke for years. He says it takes 1,742 square feet of soil to feed one person, and there's not enough uncultivated land left in the United States to supply the new crop of kids. That means everybody has to give up a few feet every time a baby like this new grandson of mine is born. Sounds silly, but it's the truth. We'd be in serious trouble if we hadn't learned to get bigger crops from the land we farm. Countries like China and India have a lot of hungry people because they haven't learned the lesson. They divide what food there is with their new citizens instead of producing more. That way nobody has enough.

I get my extra yields with BEM BRAND fertilizer. BEM contains nitrogen, phosphate, and potash . . . plus important secondary minerals. Those secondary minerals are the "bonus" my dealer's always talking about. Another thing . . . those ingredients are mixed right here in my area. That means they're mixed for my farm . . . and yours.

No, sir, I'm not worried about the new mouths to feed. Keep the BEM BRAND fertilizer coming, and we'll take care of them.



**THURSTON**  
CHEMICAL COMPANY



TEST YOUR SOIL . . .  
YOUR COUNTY AGENT CAN  
TELL YOU WHAT GRADE  
OF BEM BRAND IT NEEDS

LISTEN TO—  
"LIVESTOCK MARKET REPORT" with BOB RILEY  
12:30 PM. MW on **KNBC-KFRM** 960 & 550 ON YOUR DIAL

"FARM COMMENTARY" with MERRILL LANGFITT

6:30 AM 1-5 PM on **KMA** 960 ON YOUR DIAL

WEATHER SUMMARY on **KOAM** 5-7:45 AM MW

FREE!  
FERTILIZER HANDBOOK  
WRITE:  
FARM SERVICE DEPT.  
THURSTON CHEMICAL CO.  
JOPLIN, MO.



## Vocational Agriculture

By HELEN ANKENY



CONGRATULATIONS to Roger Adamson, Cherryvale, for his latest award added recently to his long list of first-place FFA winnings! Representing the Kansas FFA Association at the North Central Regional FFA public speaking contest, August 10, at Columbia, Mo., he won first place in the region. Thirteen first-place winners in state contests competed for the right to represent the region at the national FFA public speaking finals. They will be held at the national convention, October 12 to 15 at Kansas City. There Adamson will test his oratorical ability for national honors in competition with 3 other regional winners, and a contestant from Hawaii. His speech is titled, "Our Soil and Our Freedom."

Adamson will be remembered as the lad who ran away with so many "firsts" this spring at the annual state high school vocational agriculture judging and farm mechanics contest. He was champion individual scorer in the entire judging contest and won first place in crops and poultry judging and ranked high in others. His perfect score of 900 in poultry judging was the first in the 30-year history of the contest!

Kansas is mighty proud of young Adamson and his vocational agriculture instructor, C. H. Young. Young not only produced the winning public speaker in Kansas and the North Central Region this year, but also the champion judging team in the state at the 30th annual judging contests at Kansas State College.

Twenty-three vocational agriculture boys and their instructor, en route to their home in Bowie, Tex., after touring several states, were guests this summer of LaCygne Future Farmers and their instructor, L. O. Gugler. They were entertained by LaCygne FFA officers and businessmen.

Shawnee Mission Future Farmers, 18 of them, and their instructor, H. D. Garver, experienced a thrill this summer when they took a 1,000-mile air tour of southern Kansas and northern Oklahoma. The trip, starting from the Manhattan airport, was made in 4 planes, a 12-passenger Lockheed and 3 Cessna 170's, each carrying 3 passengers in addition to the pilot. The trip, lasting 36 hours from start to finish, included a stop at Wichita, where the boys were taken on a tour of the Cessna plant where about 12 of the well-known aircraft are "hatched" daily. At noon they were luncheon guests of Cessna. From Wichita they took off on the last lap of the day's flight, Woodward, Okla., in the northern Oklahoma Panhandle. At Woodward, the Future Farmers and Mr. Garver were entertained by Ralph Gilbert, Woodward businessman and rancher. With Hugh Robinson, Woodward vocational agriculture teacher driving the school bus, members of the group were taken to a typical ranchland. Sage brush control in the arid country was explained by soil conservation men. Up early Tuesday morning, the boys took a tour of the branch agricultural experiment station, with staff members explaining modern practices in arid farming. On the return trip the planes landed at the new Hutchinson airport at noon. Then, at Manhattan, they visited the annual KSC agronomy field day.

Taking time out from their regular farm duties at home, Ft. Scott Future Farmers this summer baled the first cutting of alfalfa on the 6-acre plot they had leased from Frank Becco south of Ft. Scott. They expected to get \$21 a ton for their hay, money to go into the chapter treasury. Farm

equipment for baling was supplied free of charge by several of the boys' parents. This is the 4th year Ft. Scott Future Farmers have leased the Becco Field. In previous years they have had oats and corn crops. Charles Smith is the vocational agriculture instructor at Ft. Scott.

Citizens of Almena were introduced to their new 40- by 60-foot vocational agriculture building recently when Future Farmer boys and instructor, Sam Stenzel, held open house. Visitors were taken on a complete tour of the building. In the farm shop they were shown projects the boys had completed.

An addition to the present vocational agricultural building at Bazine is nearing completion. The new structure joins the present vocational agriculture building on the west and is 50 by 100 feet in size. The building will provide space for a shop, vocational agriculture classroom, athletic dressing room, and a second-story classroom. Edward Brenner is the instructor.

Purchased early in February as weanlings averaging 52 pounds each, 8 fat hogs, marketed this summer, provided the first practical experiment in hog raising for Arkansas City Future Farmers. The experiment, to determine feeding value of a commercial protein supplement with antibiotics and corn compared with meat and corn, was supervised by instructor Harold Walker. Co-operating in the experiment were Bartlett and Hunt, feed dealers, and Maurer-Neuer meat packers.

Pigs were divided into 2 lots of 4 each with one lot receiving a commercial 40 per cent protein supplement with antibiotics and corn, the other lot received meat scrap and corn. In both cases, feed was fed free choice in self feeders. Cared for by Gary Ham, sophomore student, hogs were marketed at 4 months, 23 days; averaged 198 pounds per head. They dressed out a 148-pound carcass on the rail for an averagedress-

ing per cent of 75, considered 5 to 7 per cent above average.

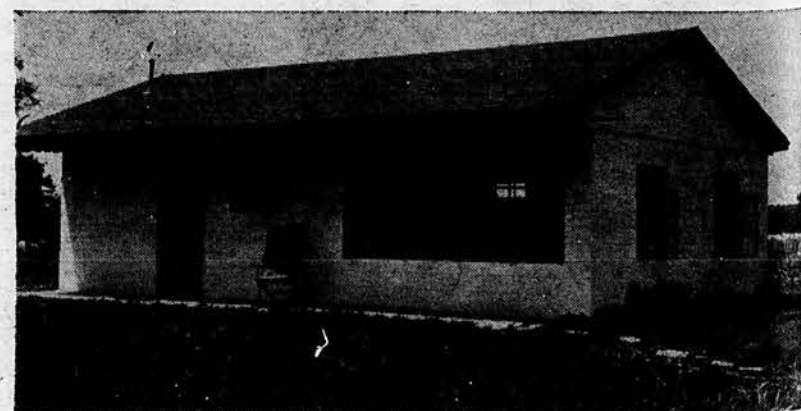
The lot receiving corn and meat scrap showed a slightly higher rate of daily gain, while the lot receiving commercial supplement and corn, produced a higher quality carcass. The project, Walker said, not only gave the boys valuable knowledge in feeding of fattening hogs, but also created interest in record keeping, study of market prices and trends.

At a cost of about \$50 each, 19 Oberlin Future Farmers enjoyed a 10-day, 3,000-mile jaunt deep into the heart of Texas, Louisiana, Mississippi, Tennessee, Kentucky, Illinois, and the Lake of the Ozarks this summer. The largest group ever to make an FFA trip from Oberlin, they took the trip to observe agriculture thru 'the South. For the first time, many of them saw peanuts, cotton and tobacco growing. The boys cooked all their meals and slept in tents. This is the 6th FFA trip taken by Oberlin Future Farmers under supervision of their instructor, Lloyd Moody.

Fifty-four Columbus vocational agriculture students had a total net worth at the close of the 1953 school term of \$54,422, an average net worth per boy of over \$1,000, according to instructor Robert M. Lay. The tentative program of the freshman, sophomore and junior boys for the coming year calls for 7 dairy animals, 51 beef animals, 26 hogs, 44 sheep, 1,800 chickens, 31 acres of field crops, 216 acres of pasture, 832 acres cash crop and 66 acres of soil building.

Alfred Howie, Abilene Future Farmer who has gone into the hog raising business in a big way, sold 7 sows and gilt at the recent Kansas Yorkshire sale for a total of \$652.50. Previous to this he had sold over \$1,000 worth of hogs and at the present time still has on hand 53 head, according to his instructor, Leonard Pike. Alfred started the hog business in February, 1951 when he purchased a bred gilt from George Burkholder, Abilene. The only other purchases have been 2 registered boars. He uses rye, rape and alfalfa pasture besides grain for his hogs. In addition to his hogs, Alfred, a junior vocational agriculture this year, has purebred Angus cattle, and he has vested 8 acres of wheat this year.

## Low-Cost Home Built by Owners Allows for New Wing Later



THIS ONE-BEDROOM farm home was built by Mr. and Mrs. Harry Hoesli, Ottawa county, for \$3,400.

WITH HELP of one outside man Mr. and Mrs. Harry Hoesli, Ottawa county, built a one-bedroom farm home at a cost of only \$3,400.

The house is 18 by 32 feet (inside measurement) and is made of haydite blocks. It is constructed on a poured-concrete slab in which all wiring and plumbing is imbedded. The floor then is covered with asphalt tile.

Inside walls are painted haydite blocks and can be washed to clean. The ceilings are of shiplap sanded and shellacked before installation, then varnished with clear varnish.

The living-dining-kitchen area is a large room except for a half partition that sets off the kitchen. The living room has a fireplace but a gas water heater probably will be installed in the future.

When the house was built from plans drawn by Mrs. Hoesli, provision was made for the present door out of the kitchen to serve as entrance to a new wing for a new wing.

Roof of the house has an overhang across the front that shades a concrete slab which serves as a porch outdoor living area.



# Meat on the move

this fall thousands upon thousands of animals will be on the move. They may come from the high grazing lands of the Big Horn country, from the great hog-producing Belt, from the rolling Sand Hills, from the High Plains, from all the famous areas where cattle, hogs and sheep begin.

Many of the cows, ewes and sows will be moved over in breeding herds and flocks. Other animals also may be kept as replacements, or to expand herds or flocks. Stockers and feeders will find new homes. Some will be fattened in the grain-rich Corn Belt and elsewhere . . . some on short feed, others on grass. Grass-fat cattle, sheep and lambs find their way to the pens in stockyards and terminal markets.

In these markets our meat supply must be moved . . . through the plants of meat packers and other commercial processors. Fresh beef, pork, lamb and veal are perishable and must be sold in ten to fourteen days . . . only a small per cent is ever held. It must move to the consumer through about 300,000 retail stores and a larger number—375,000—public places.

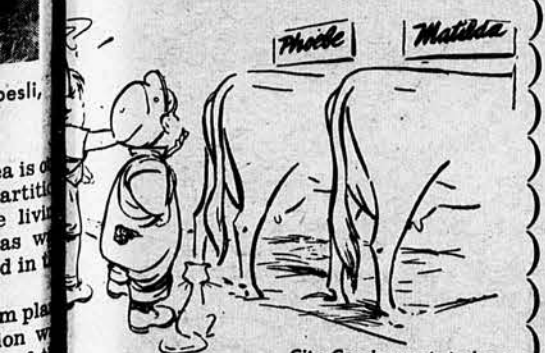
The livestock and meat industry which supplies meat to America's millions is our single industry. Think of the millions of separate business transactions! Think of the labor and transportation required! Think of the competition in buying and selling the perishability of our products and the need with which meat is moved into the nation's forty million kitchens.

The flow of meat is the end result of demand made three to five years ago by the people who raise the nation's meat animals.

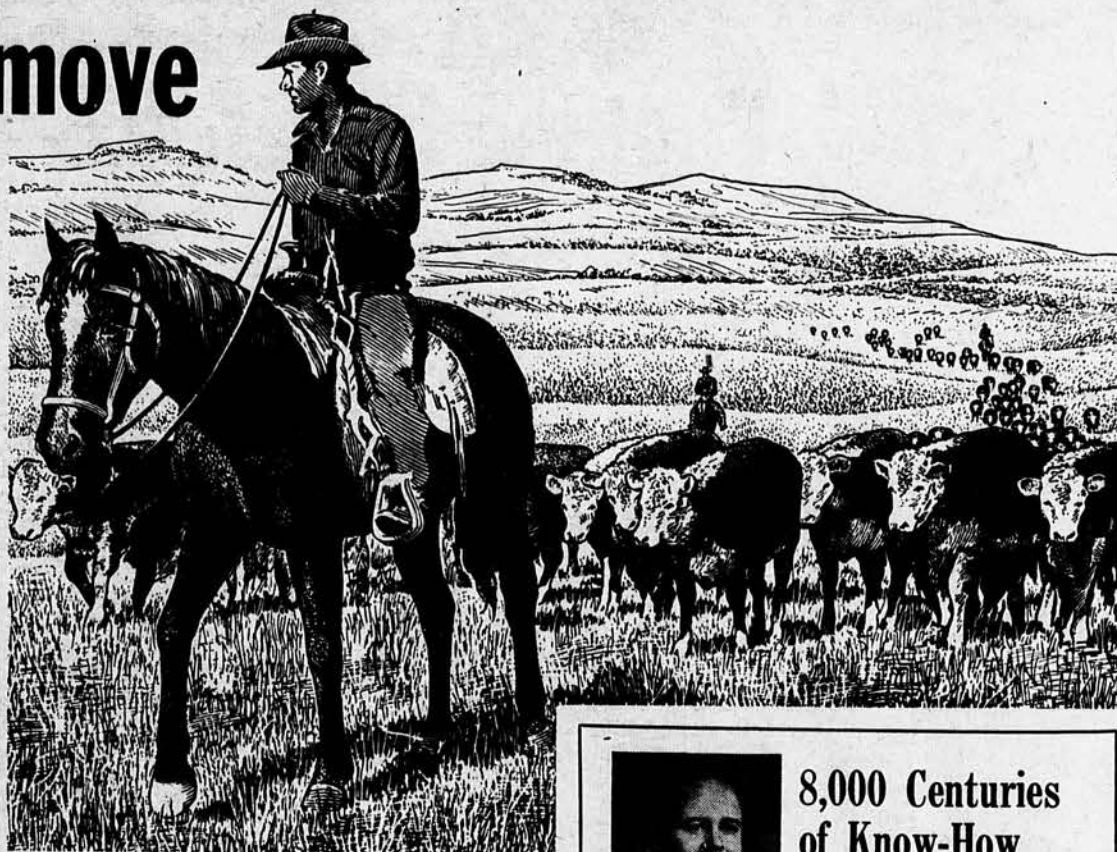
## Soda Bill Sez:

To make "dough" know that word begins with a "d". If you ever stick your neck out, you'll never get your head above the crowd.

## OUR CITY COUSIN



City Cousin wants to know why all cows to their own stalls go. Country Cousin points to the wall: "They read their names above the stall."



## Animal Fats and Proteins Make Big Difference in Livestock Feeds

by Dr. O. H. M. Wilder, American Meat Institute Foundation

Feeds rich in animal proteins are also rich in animal fats. And both protein and fats are very important to the growth and gain of meat animals, according to recent findings of experiment stations, and of research conducted by the American Meat Institute Foundation, under contract with the Eastern Regional Research Laboratory—U.S.D.A.

At the University of Missouri they produced a hog that weighed 201 lbs. at exactly four months! Other pigs in the litter were close behind. Tankage was an important item in the ration of the sow and her pigs . . . tankage containing 60% animal protein and about 8% fat.

Tallow pellets with roughage were fed to steers at the University of Nebraska. These pellets contained ground corn cobs and 5.5% tallow. Weight gains were made by steers on those pellets at less cost than by any other group in the test.

Reduced cost of production is very important to feeders. It can be achieved by judicious use of animal by-products in feeds. Getting pigs off to market earlier or reducing cost of gain on steers are good examples.

Important new developments are indicated by field reports of large cattle-feeding operations where meat scrap has been used at a 10% level in the feed. The meat scrap contained 50% protein and 10% fat, and feeders claim excellent results in leaner meat, faster gains and lowered costs.

Use of animal protein and fats in more feeds benefits the feeder in many ways. In addition to the advances cited, it creates a larger outlet for animal by-products. The livestock producer gains in two ways . . . better feeds, and broadened markets for the animal by-products.

## Martha Logan's Recipe for

### POT ROAST AND BROWN BEANS

- |                        |                            |
|------------------------|----------------------------|
| 3 to 5 pound pot roast | 1 No. 2½ size can tomatoes |
| 1½ cups brown beans    | 1 tablespoon chili powder  |
| 2 tablespoons fat      | 2 tablespoons salt         |
| 6 small whole onions   | ¼ teaspoon pepper          |

Soak beans over night in water to cover. Brown roast on all sides in fat. Add beans, onions, tomatoes, chili powder, salt and pepper. Cover and cook over low heat 2½ to 3 hours, or until meat is tender and beans are done. Yield: 6 to 8 servings.



## 8,000 Centuries of Know-How

800,000 years! That's the combined years of experience and effort of

the 76,000 men and women who work for Swift & Company. They work in meat-packing plants, in dairy and poultry plants, in wholesale branch houses, in plant food factories, in oil mills. They are meat cutters, livestock buyers, salesmen, engineers, research people and office workers . . . they have a hundred and one different skills and abilities.

The people who have these 8,000 centuries of varied know-how combine into a smooth-working team—Swift & Company. A team which processes your livestock into meat and by-products . . . which buys dairy and poultry products and other agricultural raw materials, and turns them into food and other useful commodities . . . which produces plant foods and feeds for your use and distributes all of these products throughout the nation. Ours is a big, complex job which takes all the experience we can muster. Even 800,000 years are none too much.

*Tom Glaze*

Agricultural Research Department

## PRICE OF LIVESTOCK

Each morn, as day begins to break, the nation's stockyards come awake. Some days the "runs" fill every pen . . . on others, hardly one in ten. To balance big or small "supply" against "demand" is what we try. And that is mighty hard to do; because we cannot say to you, "Ship in a lot of beefs right now—folks are buying meat—and how!" Nor can we say to people, "Pray, don't ask your store for meat today, but keep your order cut down low, 'cause livestock shipments are quite slow!" What buyers buy and shippers ship makes livestock prices rise or dip. And here's a fact on which to bet—it's *always* true: the price we get for meat we sell (by-products, too) governs what we can pay to you.

## Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business — and yours





AC's patented **CORALOX** was the first spark plug insulator especially engineered to meet the performance requirements of all different types of farm equipment.

Getting hot quicker to burn away oil and wet carbon deposits—and resisting the deposit of oxide coatings—**CORALOX** stays clean longer.

With three times the mechanical strength of previous insulators—and four times greater heat conductivity—**CORALOX** stands up better under hardest farm use.

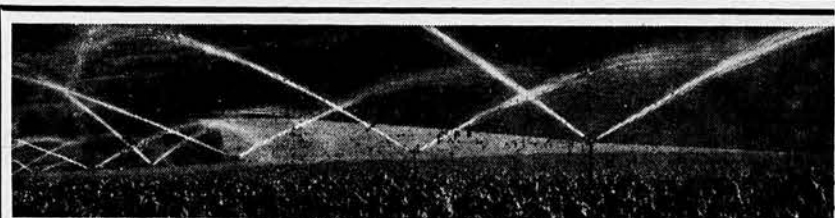
For smoother, more economical, longer-life spark plug operation—get AC's—only spark plug with patented **CORALOX** Insulator.



**Factory Equipment**  
on Nearly as many  
**New Cars and Trucks**  
as All Other  
**Makes Combined**

AC SPARK PLUG DIVISION  GENERAL MOTORS CORPORATION

A Classified Ad in Kansas Farmer will do the Job.



Even in seasons with normal rainfall, does it always come when you need it? A few dry days (every growing season has them) and bright prospects fade. Quantity and quality of your crops suffer and may be lost entirely.

Adequate, controlled moisture during growing season with an **ATLAS PORTABLE SPRINKLING SYSTEM** insures your crop against failure due to drought; insures quality and quantity.



Write today  
for a free  
catalog.

**JONES & LAUGHLIN STEEL CORPORATION—**  
**SUPPLY DIVISION**

407 N. Main St.

Muskogee, Okla.

## Brother Team Places at Top Northeast 4-H Beef Judging Tour

AN ALL-BROTHER 4-H livestock judging team from Atchison county won a high rating at a Northeast Kansas 4-H beef judging tour July 23. Jerry, Bill and Larry Hundley, sons of Mr. and Mrs. Clay Hundley, and Brush Creek 4-H Club members, were second high team. Same county had top individual in placings—Jim Hundley, also an active member of Brush Creek 4-H Club.

Jefferson county had high team, and Atchison had third placing team, with these members from Prairie View 4-H Club: Harold Zishka, Joe Scherer and Larry Figgs. Some 40 members from

Jackson, Doniphan, Jefferson, son and Brown counties took part judged Shorthorn cattle at the W. Thorne farm, near Lancaster, Ar. the Mike Wilson (*Kansas Farmer* stock editor) farm near Muscotah Herefords at the John Spencer near Whiting.

Norman Minks, Premier Herefarms, Walcott, announced placings and gave breed type demonstrations. John Feight, Atchison agent; C. W. Vetter, Atchison agent; and N. E. Stroud, Jefferson agent, conducted scoring and assisted with tour.



JEFFERSON COUNTY high placing judging team at Northeast Kansas 4-H beef judging tour July 23, included, left to right, Charles Hamon, Don Becker and Pat Burns. N. E. Stroud, far right, is Jefferson county agent.



LEADERS of Northeast Kansas 4-H beef judging tour, July 23, are inspecting an Angus heifer at the Mike Wilson farm near Muscotah. Left to right: N. E. Stroud, Jefferson county agent; Mr. Wilson; Mrs. Wilson; Norman Minks, Premier Hereford Farm, Walcott; C. W. Vetter, Atchison county agent; John Feight, Atchison county 4-H agent; and Tom Wilson, son of Mr. and Mrs. Mike Wilson.



HIGH INDIVIDUALS in Northeast Kansas 4-H beef judging tour July 23, left to right, are: Pat Burns, Jefferson county; Jim Hundley, Atchison county; and L. C. Bowser, Jackson county.





More Proof That There's a

# GIANT DIFFERENCE

in D-X Lubricating Gasoline and in new, stepped-up D-X Motor Oil!



**Feel the Difference**—Have your D-X Farm Serviceman burn off samples of D-X Lubricating Gasoline and another brand. Feel the upper-cylinder lubricant left by D-X. Feel the contaminating carbon left by the other brand. You'll always buy D-X Lubricating Gasoline. It costs no more than ordinary non-lubricating brands!

**New D-X Motor Oils** equal finest aviation oils in heat resistance and exceed them in resistance to sludge, varnish and other harmful by-products of combustion. Get new D-X or D-X DHD Motor Oil and give your engines this "aviation-plus" oil protection.



**Donald Milbourn, El Dorado, Kans., farmer, writes:** "Your new D-X Motor Oil is, in my opinion, the finest motor oil I have ever had in my tractors. I have to add fewer quarts between changes when I use D-X, and I believe my tractors are running better since I switched to D-X. I haven't torn down my tractor this year yet, but I am sure that when I do, I will find the cylinders and pistons, main bearings... are in excellent shape thanks to D-X. I recommend it to all my friends. I farm 550 acres, using D-X 100% in my ten different units."

*Donald Milbourn*

**Albert Cash, Fancy Farm, Ky., says:** "I'm using D-X Lubricating Gasoline in my tractor and car because D-X is the gasoline that contains an upper-cylinder lubricant. E. E. Babb, the D-X Farm Serviceman in my county, burned off two samples of gasoline, side by side. One was D-X. One was another brand. What was left in the saucers after the gasolines had burned away was proof to me. The ordinary gasoline left a scratchy sediment on the saucer. The Regular D-X left a thin, oily film of upper-cylinder lubricant. I want that D-X upper-cylinder lubricant, and I'm getting it without any extra cost. Both D-X Regular and D-X Ethyl are the same prices as ordinary gasoline."

*Albert Cash*



Continent Petroleum Corporation

OKLAHOMA Waterloo, Ia. Terre Haute, Ind. Omaha, Neb. Chicago, Ill. Minneapolis, Minn.



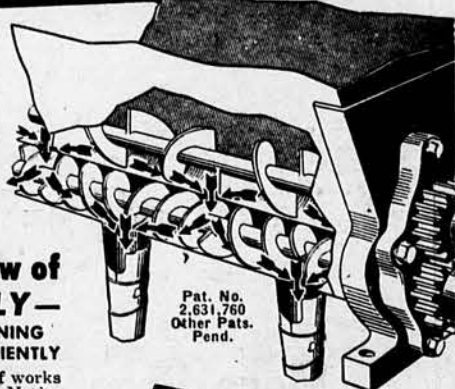
# GUARANTEED ACCURACY In Applying Fertilizer



## NOW! Meter the Flow of Fertilizer EXACTLY—

- PREVENT SKIMPING OR BURNING
- APPLY YOUR FERTILIZER EFFICIENTLY

Investigate how the Ottawa Chief works and you'll settle for nothing less. Notice (in diagram) there are two, not one, positive feed augers. The lower opposing auger makes the big difference. It controls the distribution because it precisely, automatically measures and forces pulverized fertilizer equally through all distribution tubes. Rough ground or smooth, fast speeds or slow, the exact amount is always automatically applied. By merely interchanging special sprockets that drive the augers, you can positively set the rate of flow to meet application requirements.



Pat. No. 2,631,760  
Other Pats. Pend.

## FERTILIZER ATTACHMENTS for GRAIN DRILLS



16 Row End Wheel Unit (Illustrated)

Ottawa Farm Chief Attachments for Grain Drills applies your fertilizer automatically as you drill. Feed rates can be varied to suit requirements. Available to fit end wheel drills, press drills or pony drills. Attachments Also for Cultivators, Planters, Lister-Planters.

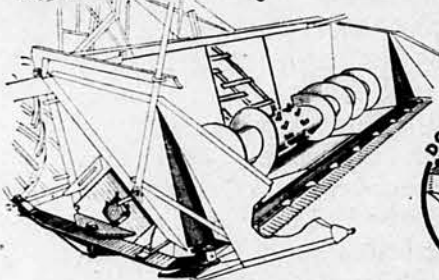
**THE OTTAWA WARNER CORP.** 2609 Walnut, Dept. P  
Kansas City, Mo.

## Your Best Buy Today Is U. S. Savings Bonds

**MAIZE GROWERS**

## Pay Your Harvesting Costs WITH THE GRAIN YOU SAVE

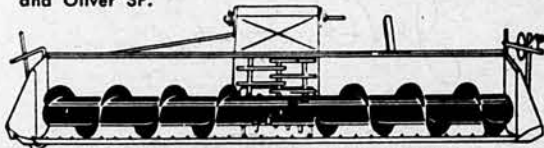
### using a HESSTON MAIZE ATTACHMENT



Tall or short stalks, heavy or thin yield, the Hesston Maize Attachment will eliminate cutter bar "slobber" and increase your harvest net profit.

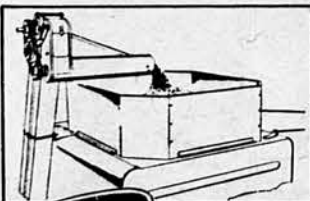


This field-proved attachment extends the sickle ahead and upward six inches, providing ample space for tall stalks to fall into the trough and under the auger. The upward slant prevents heads from falling off in front of the sickle bar. Installation is simple... no cutting, welding or holes to drill. Engineered and precision built to fit your combine. Available for the Massey-Harris 10, 12, 14, and 16 ft., McCormick-Deering 123, 125, and 127-SP, Baldwin 12 ft. and SP, John Deere "55," Cockshutt, Minneapolis-Moline G-3, G-4, and 14 ft. SP, and Oliver SP.



### RETRACTABLE FINGER AUGER

FOR IHC, M-H, CO-OP—Prevents bunching and slugging. Enables you to increase combine speed. Easily installed. Bearing mounted.



### TANK LOADER and TANK EXTENSION

Loads tank to full capacity without hand leveling grain. Tank Extension adds to tank capacity. Fewer stops for unloading. Cut bigger lands in the field. Fits John Deere 55 and 65, and M-H SP.



### QUICK CYLINDER or CONCAVE ADJUSTMENT

Fast, precision adjustment. One lever raises or lowers both sides equally at the same time. Fits all IHC SP, 122; John Deere 55, 65, and 12A; Massey-Harris SP and Clipper.

HESSTON MFG. CO., 220 Kings Street, Hesston, Kansas

Gentlemen: I want more information on: \_\_\_\_\_ Maize Attachment \_\_\_\_\_ Cylinder V-Bars \_\_\_\_\_ Variable Speed Drive \_\_\_\_\_ Tank Loader and Tank Extension \_\_\_\_\_ Retractable Finger Auger \_\_\_\_\_ Straw Spreader \_\_\_\_\_ Sealed Bearings \_\_\_\_\_ Quick Cylinder Adjustment \_\_\_\_\_

MAIL TODAY

NAME (Please Print) \_\_\_\_\_

TOWN \_\_\_\_\_

STATE \_\_\_\_\_

I OWN A \_\_\_\_\_

MAKE COMBINE \_\_\_\_\_

## Here Is Easy-to-Follow Outline Of How Wheat Allotment Works

ARE YOU CONFUSED over the wheat allotment and marketing quota arrangement under which you now are farming? Well, here is a simplified outline of how it will work, as offered by officials from the state PMA office in Manhattan:

You have your allotment now and have either accepted yours or appealed. If you appealed the county committee must give you an official notice of its decision. You then have 15 days from the date of that notice to appeal to your area review committee, which will hear your case as soon as possible. If still not satisfied, you can take your case to court.

But, let's suppose you have accepted your allotment and we'll use 100 acres as a figure to represent your allotted acreage. Now, if you live in any one of the 84 counties listed as in the drought emergency area (list at end of this story), you may be able to get permission to seed excess acreage above your allotment, either for erosion control or for drought feed production.

Suppose your allotment was 100 acres, but you had an additional 25 acres subject to erosion or you needed the pasture. You would then make a sketch map of your farm showing location of the 25 excess acres you want to plant. Take this map to your local PMA committee, which may give you permission to go ahead and seed. You must have permission before seeding.

Wheat on this excess acreage should not be allowed to mature but in many cases it will. If you should go ahead and harvest this excess acreage the PMA then will have to determine whether you have exceeded your marketing quota. This is how it will be done.

The committee will determine what the average wheat yield for your farm

is. Say it is 10 bushels and your allotment is 100 acres. Your marketing quota then would be 1,000 bushels. If you seeded 125 acres and the yield was 9 bushels an acre you would have an excess of 125 bushels above your marketing quota.

In order to be eligible for price support you must stay within your allotment. But, suppose you went ahead and produced 125 bushels above your marketing quota by seeding excess acreage. This excess wheat must be stored under bond to the local PMA committee or you must pay a penalty on the excess at 45 per cent of May 1, 1953 price. This probably would amount to about \$1.10 a bushel. You could market any of your wheat until you had met 1 of these 2 requirements: stored under bond or paid the penalty.

### Here Are "Excess" Counties

The 84 counties in which permission to seed excess acreage may be obtained are as follows:

Cheyenne, Rawlins, Decatur, Phillips, Smith, Jewell, Sherman, Thomas, Sheridan, Graham, Robeson, Mitchell, Cloud, Clay, Logan, Gove, Trego, Ellis, Russell, Lincoln, Ottawa, Dickinson, Morris, LeFlore, Scott, Lane, Ness, Barton, Ellsworth, Saline, Haskell, Kearney, Finney, Hodgeman, Pottawatomie, Rice, McPherson, Chase, Lyon, Stanton, Grant, Gray, Ford, Edwards, Reno, Sedgewick, Butler, Greenwood, Pratt, Kingman, Morton, Stevens, Meade, Clark, Comanche, Harper, Sumner, Cowley, Elk, Osage, Coffey, Woodson, Montgomery, Wyandotte, Miami, Linn, Bourbon, Crawford, Osage.

## Regulations and Precautions Help Fight Against VE Disease in Hogs

FIGHT AGAINST spread of vesicular exanthema disease of hogs in the United States is being won.

During the past year, VE appeared in 201 counties in 41 states. It is spread mostly by feeding raw garbage to hogs and by contaminated trucks and pens. Now, 35 states, Kansas included, have necessary laws or regulations to require cooking of garbage before it is fed to swine, and to control the interstate movement of garbage-fed swine. The entire Midwest corn-hog belt now is covered by state laws to enforce preventive measures against VE. Federal quarantines have been imposed where necessary, then removed when conditions warranted it.

### Must Have a Permit

Government regulations permit unrestricted movement of uninfected grain-fed animals. Swine still may be moved from a quarantined area to an approved establishment for immediate slaughter and processing, but they must be accompanied by a certificate of veterinary inspection. Swine products may

### Grow More Alfalfa

There's a big demand in states for Kansas alfalfa hay seed, as well as for uses here information on growing this and new developments, read "Alfalfa in Kansas," new Kansas College Agricultural Extension Service Circular 237. For your copy, write Farm Service Agency, Kansas Farmer, Topeka, Kan.

move, similarly, from a quarantined area but must be accompanied by a permit from an inspector of the USDA's Division of Animal Industry. Regulations permit movement interstate from quarantined areas of uninfected unexposed hogs fed cooked garbage 30 days if a federal or state health officer certifies all requirements have been met. Swine and products from garbage-feeding establishments may be moved interstate from non-quarantined areas only to approved establishments for immediate slaughter and processing if accompanied by required permits.

During the VE Eradication Campaign (September 14, 1952, through September 14, 1953) Kansas had 8,141 hogs. Illinois led the states with 15,000.

### Three Steps to Follow

Dr. M. W. Osburn, Extension Veterinarian at Kansas State College, recommends these 3 steps in cleaning and disinfecting trucks: (1) Litter should be cleaned out and either burned or buried; (2) thorough washing of trucks. He also suggests using garbage for 30 minutes before using for animals. Boiling also will prevent spread of other diseases.

### Build a Pond

A farm pond can provide recreation, beauty, food, water for livestock, wildlife. For details on how to build pond and management, write us for a copy of:

"How to Build a Farm Pond," USDA Leaflet 259, price 5c.

"Techniques of Fishpond Management," USDA Misc. Pub. 528, price 10c.

"Farm Fishponds," USDA Bulletin 1983, price 10c.

Write to Farm Service Editor, Kansas Farmer, Topeka, Kan.



STATE COLLEGE OF AGRICULTURE  
LIBRARY  
SEP 9 1953  
MOUNTAIN VIEW

*It's a Jubilee..*

**DON'T MISS IT!**

*in 53!*

*Official*

**KANSAS  
STATE  
FAIR**

**SEPT.  
20-25**

**HUTCHINSON**









# It's a Family Affair KANSAS STATE FAIR

Join your friends and neighbors at the year's biggest party! And, it will be the biggest, best one yet . . . when the KANSAS STATE FAIR opens for a six day run on September 20th. Preview night . . . Saturday evening, September 19th . . . will set the pace for entertainment such as you've never enjoyed before! But . . . there'll be plenty of educational features, too! Enter into the fun on the mile-long midway with its cavalcade of thrilling rides and sideshows! See the 4-H exhibits. Thrill to the auto races on Tuesday afternoon . . . pick a winner in the stock car races on Sunday afternoon. See Aut Swenson's Thrillcade on Monday afternoon . . . watch the daring bronc busters in Wednesday and Thursday's rodeo . . . and take part in the observance of Western Day on Friday afternoon. Come evening, you'll want to be in the grandstand for the KANSAS STATE FAIR Revue of 1953. You'll love every minute of the music, excitement, comedy and talent which includes some of the top performers in the entertainment world. *Make plans, now, to attend Kansas' Big Fair . . . bigger then ever for '53 . . .* The KANSAS STATE FAIR, September 20 through 25!

## HI HO COME TO THE FAIR

Last year, more than three hundred thousand people attended the KANSAS STATE FAIR! They'll all be back this year and you'll want to be there, too. There will be something for everyone . . . a real family affair! Good, clean entertainment plus worthwhile educational displays will be provided for all ages. You'll find plenty of parking space, camping facilities and dining accommodations. First aid stations, baby sitting and many other services will make family attendance pleasant.

## the FAIR to see in '53

Attend your official state fair — the KANSAS STATE FAIR, September 20th through the 25th, in Hutchinson, Kansas. Your official state fair in Hutchinson is the climax of official county fairs throughout the state. It's Kansas' greatest 4-H show . . . it's the boys' and girls' fair! The big, official KANSAS STATE FAIR in Hutchinson, is the fair for you . . . more of everything in '53.

## the PLACE to be in '53

In Hutchinson, the scene of your official KANSAS STATE FAIR, there'll be more than 100 colorful, high school bands parading the fair grounds. You'll be thrilled to see and hear this colorful attraction at the fair. It's the fair where you can see all the grand champion livestock from the entire nation's midwest. It's Kansas' greatest Future Farmers of America and 4-H show. Be in Hutchinson to enjoy the grandest mile-long midway you've ever seen!





# KANSAS STATE FAIR ...

## It's KANSAS GREATEST 4-H show

Over three thousand boys and girls will participate with exhibits, demonstrations and judging contests in connection with their 4-H work, during the official KANSAS STATE FAIR. Utilizing the many permanent buildings, the fair grounds at Hutchinson, will be the site of one of the state's biggest 4-H encampments. The official KANSAS STATE FAIR in Hutchinson, Kansas, has often been called "the boys' and girls'" fair.

*Entertaining-*  
*Educational-*  
*Exciting-*

**6 BIG DAYS**

**6 BIG NIGHTS**

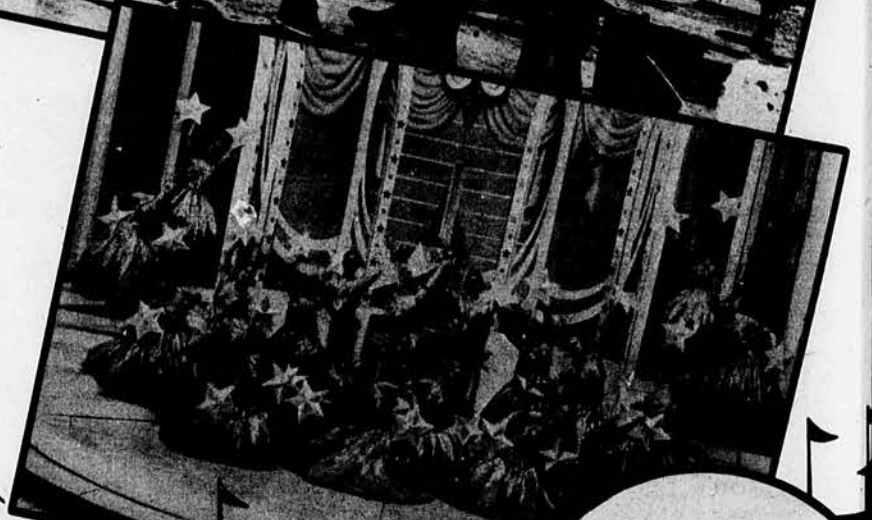
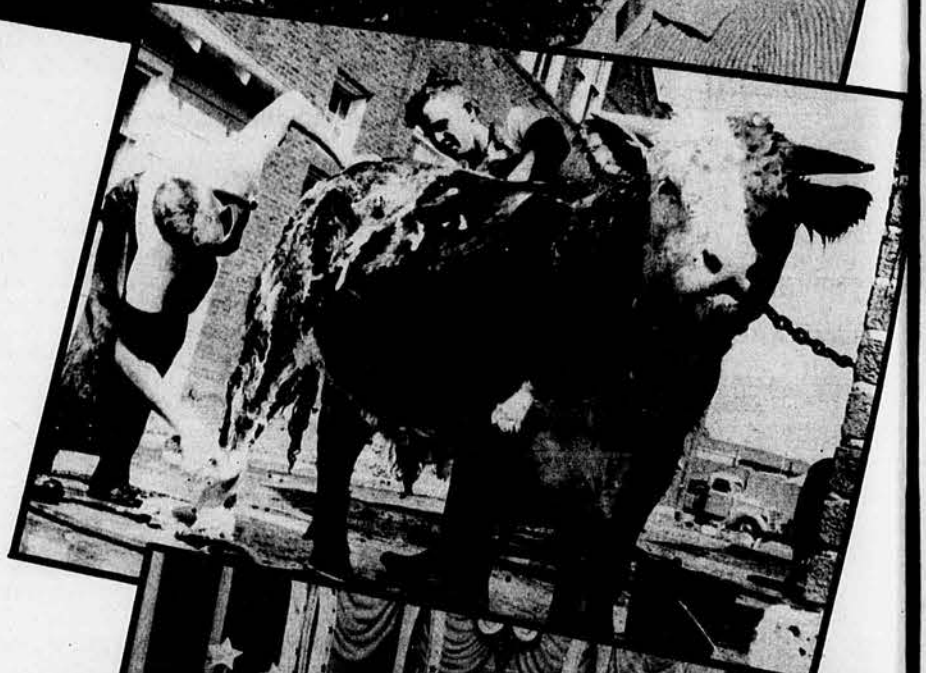
**KANSAS' GREATEST  
FARM AND  
LIVESTOCK SHOW!**

*Official*

**KANSAS STATE FAIR**

**HUTCHINSON**

**SEPT.  
20-25**





## Going on a Vacation This Fall? Here Are Some New Driving Aids

GOING ON VACATION this fall and driving your car? Want some car-aids that make driving more convenient and more fun? Need some accessories at home or on the road so you won't be caught without meter money, carwash brush, bottle opener, screwdriver, road maps?

Several new items are now on the market which answer those questions. Full details may be obtained by writing the firm mentioned.

**Magic-Wand** is a new automatic home and car fountain brush. The 4-foot washer means no pails, no cloths, no sponges, no soap! There's a built-in water control valve—a twist of the wrist controls water flow or turns it off. Hose connections are watertight, are of solid life-lasting brass, fit any garden hose. There's a built-in jet nozzle that will shoot a stream of water 25 feet. Magic-Wand carries in its hollow wand enough harmless detergent for 10 car washes, before refilling is needed. The Duro-Nyleen bristle brush will not

in the home. There's a 3-way action feature—1st turn of switch produces a red flasher light to signal or warn oncoming cars a mile away; 2nd turn produces flasher and a white floodlight; 3rd produces a white floodlight that can penetrate the dark 1,000 feet away.



**Handilite** rotates in a complete circle to adjust beam at any desired angle. Weatherproof, polished aluminum construction. Sturdy, non-tipping stand-up base. Lightweight—2¼ pounds with battery. Height, 12½ inches. Westchester Sales, Dept. KFMR, P. O. Box 304, Larchmont, N. Y.

**Hickok Charginator** is an accurate electrical instrument that shows battery condition and state of charge. Plus the over-all condition of the charging system. It immediately shows whether there's anything wrong with your battery. It installs under dashboard or in instrument panel. Charginator means you won't be inconvenienced by a dead battery. Hickok Electrical Instrument Co., Cleveland, O.

**Magnetic Car Tray** attaches on top of the car dashboard—it can't fall off. Tray has several compartments—for sunglasses, cigarettes, keys, matches, map. No screws, hooks or suction cups. Is 8½ by 3 inches. Hide-A-Key is a small case, which can be magnetically held to any metal part in your car. (Use under fender, behind bumper.) Holds extra car key, house key, so you'll never be "locked out." **Keppy Kar Kit** is a leather case to hold upholstery brush, polishing cloth, comb, 4-in-1 screwdriver, key chain, bottle opener and window scraper. For these 3 items, write Downs & Co., Evanston, Ill.

**Twistlok** is the first safety door lock made to attach to rain gutter of cars. Prevents doors from flying open or from being tampered with while car is in motion or standing still. Installs with screwdriver without drilling holes. Theft-proof car is result. Sleetex Co., Inc., 404 Fourth Ave., New York 16, N. Y.

**MapMaster** is holder for roadmaps, attaches to your sunvisor. Pulls down for instant reading of full map. Rolls up out of sight. Unique device permits reading of opposite side of map. MapMaster Mfg. Co., Dept. 49, 205 W. 19th St., New York 11, N. Y.

All these items mean car driving, vacationing and car upkeep will be more fun for you, safer and save time, labor and money. Happy driving!

### These Folks Won In Dairy Contests

More Kansas Farmer dairy contest winners:

**Central Kansas Guernsey Show, Salina:** Mrs. Allen Berndt, Simpson, 1st; James Weir, Clay Center, 2nd; Mrs. Walter Werner, Kinsley, 3rd; Mrs. Dexter Weir, Clay Center, 4th, and Max Weir, Clay Center, 5th.

### Choose a Kansan

A Kansan is serving on a new national 17-member advisory committee on grain sanitation of the U. S. Departments of Agriculture and Health, Education and Welfare. He is Dr. R. C. Smith, head of the entomology department, Kansas State College.

The group will study and recommend to the secretaries of the 2 departments a program to improve cleanliness of wheat, and to reduce wheat losses thru rodent, bird and insect depredation.

## pipeline milking

for you with your present buildings

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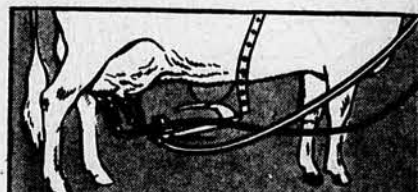


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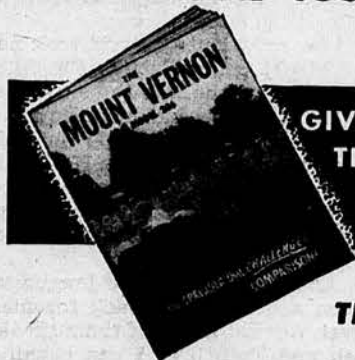
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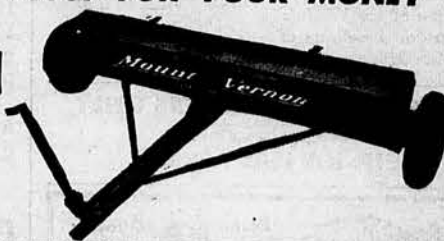
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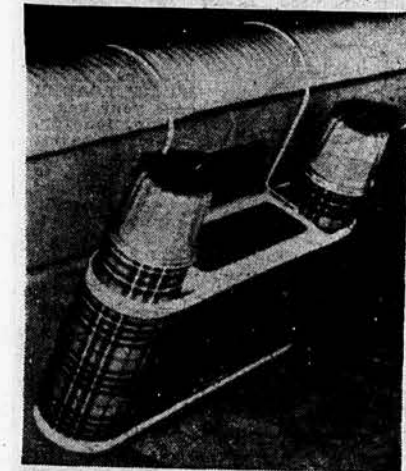
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## Don Goes to Lebanon and Syria

... Think it is hot in Kansas? In Syria the temperature ranges from 100 to 120 degrees in the shade!

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 year. Here is the fourth letter from Don Weixelman, of Louisville, in Pottawatomie county, who has gone to Lebanon and Syria.

DEAR MR. GILKESON: We are just getting ready to leave the Deir-Ezzor section of Syria for Lebanon, where we will spend the next 2 months. Our stay here has been very interesting and educational. During our 3 weeks here we began to understand the people and their problems.

Our first impression of the people and the country is quite different than the one we have now. At first the people appeared to be very lazy and dirty, which is true to a certain extent. However, people living in a climate where the temperature ranges from 100 to 120 degrees Fahrenheit in the shade do not feel like working. If they did work hard they could not stand it. And water is so scarce here it has to be carried a great distance to the village. "Would you take a bath as often as you do if you had to carry water that far?" I asked myself. The answer was no. Even if I would bathe the dust is so bad I would be just as dirty in a few minutes.

### Little Use for Machinery

The people here are not used to machinery. It was brought into the country on a large scale about 1948. They have very little respect for it. They manage to break the strongest-built machinery. Machines that would last us 4 or 5 times as long if they were properly taken care of. As it is, tractors and combines last only 3 to 4 years.

In Syria there is a conflict between the Moslems and the Christians. The Christians make up only about 10 per cent of the population but control most of the wealth. Main reason for this is the Christians have used the modern machinery and technology. They have used methods the Moslems don't understand, and therefore have acquired much of the wealth. The Moslems regret this and have a suspicion toward their Christian friends.

The new president of Syria took no chance of not being elected. First he made sure his name was the only one on the ballot, and second, he made sure the people voted for him. He obliged them to vote or to pay a fine. He could do this because he was already president and got that position by his party driving the old president out of the country in 1950.

Not knowing the Arabic language has been a definite holdback for me. However, a great many of them speak English and French so I can usually get by. It's still not a good idea to get into an argument with them.

I managed to talk to a communist for a short time. We could easily distinguish the Russian propaganda. . . . Social customs here are quite differ-



DON WEIXELMAN  
Louisville, Pottawatomie County

ent from the U. S. About one sixth of the women still wear veils, altho they are not required by law to do so any longer. Contrary to popular belief, the veil is not a religious custom. It was adopted several centuries ago when Syria and the other Arab countries were continuously being run over by foreigners and barbarians. They adopted the veil to protect the women.

### The Woman Walks

We don't see many women here. Most of them stay indoors, going out only to work or to shop. The woman does not hold the place in society here as she does in America. The man is her master. For example, I saw many cases of man and wife traveling together. The man rides the donkey and the woman walks, carrying a 5-gallon can of water. It may be easy to get a divorce in Reno, Nevada, but it is much easier here for a Moslem. In fact, they look forward to it. When they marry they agree on the terms of settlement in case the man wants a divorce. If a divorce is desired by the man he has to say, "I divorce you" 3 times while his wife and a friend are present. The wife is divorced. The wife cannot get a divorce from her husband, however. There is no limit on the number of wives a Moslem may have. I have met some with as high as 17, altho 4 is usually the number.

As I said in an earlier letter, the Deir-Ezzor country is a newly-developed wheat and barley area. It has been farmed for only 20 years, and now has become one of the more important areas of Syria. Machinery was first introduced into this country by Mr. Naggar, my host, about 14 years ago. He proved wheat and barley could be grown profitably if modern equipment were used. When he proved this the area developed very rapidly.

About half wheat and half barley are (Continued on Page 29)

## I WONDER HOW THAT STARTED . . .

"Hold Your Horses!"

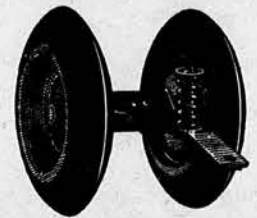
About a century ago this popular and often-used saying was applied to persons to mean "Now, control your temper!" Or, don't rush into something without thinking things over. An American phrase, its first use meant just what it said—to stop your team of horses from getting excited.

(What's your favorite saying? Joan Amos, Colby, asked us about this one.—R. H. G.)



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grown here. The wheat produces 7 to 15 bushels per acre, and the barley 8 to 25 bushels. Wheat is planted on summer-fallow land from the middle of August until the end of December. About one bushel per acre is seeded. Fall and winter rains get the wheat started well, then when spring weather comes the crop grows very rapidly. Wheat and barley ripen in the middle of June and harvest continues on until the middle of August. There is no hurry for the harvest here because it does not rain. They harvest it with Massey-Harris and John Deere self-propelled combines. All of the wheat is bagged on the combine in 250-pound bags that are dumped on the ground as they are filled.

#### Marketing Is Very Expensive

The wheat is bagged because they have no elevators as we do in the states. Marketing is very expensive. Wheat is handled 7 times and 24 men are involved before it reaches the market in Aleppo, 300 miles distant. It is bagged on the combine, picked up and loaded on the truck, hauled to an outdoor storage place, unloaded. Later it is loaded on the truck, again hauled to Aleppo and dumped in another assembly area to be picked up later and taken to market where the money will be collected. All the loading and unloading is done by hand labor.

Perhaps the biggest difficulty in farming here is the farmer cannot get titles to his land. He never knows when he plants a crop whether he or some untrustworthy friend will harvest it. If a stranger harvests it, the man who planted it could do nothing because he has no title to prove it is his land.

#### Thank You

I get so much good from your Kansas Farmer leaflets.—Mrs. Fred Makalous, Republic Co.

While we were here we were invited to a Bedouin dance. It started at 10 p. m. and lasted until daylight. The 2 musical instruments used were a goat-skin drum and another piece which looked like a violin (could not find out what they called it in English) but did not sound like one. It also was made of goatskin and had one string which was played by running another wider tight string across it. When a different tune was desired they would beat the musical pieces.

#### Coffee Was Very Strong

Except for the 2 women dancers, who were 2 wives of our host Check's 7, all who attended the dance were men. The women danced the Arabic dances and sang their songs. While they were dancing they collected money for their husband. While the dance was going on the host served us Arabic coffee. It is extremely strong and bitter. Only a few drops were served at a time but each guest is expected to take at least 3 servings. When one guest finished, another would drink out of the same cup. The one cup was used all the night.

Tomorrow we leave this part of Syria. While we were here we made several friends. We found out these people are really very friendly and want to be friends with Americans. For many, we were the first Americans who ever talked to them. We hope their impression of us is a good one, as it does represent more than just us.—Sincerely yours, Don Weizelmann.

#### Build a Pond

Where does one get fish for a farm pond? This question and others are answered in "Construction and Management of Kansas Ponds," 36-page publication of the state Forestry, Fish and Game Commission, Pratt. For your free copy, write Farm Service Editor, Kansas Farmer, Topeka, Kan.



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## Wheat Vote and Drouth Aid Plans Start Old Argument All Over Again

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

ARGUMENTS promise to be heated and long-drawn-out as to whether—

(1) When wheat farmers in 45 states voted nearly nine to one for wheat marketing quotas, thereby insuring 90 per cent parity price supports for the 1954 crop, they thereby went on record for permanent price supports of 90 per cent; and

(2) When cattlemen signed up for and received from government low-priced feeds at much less than government paid for the same, they thereby indorsed the so-called Brannan Plan: Government to buy foodstuffs and feedstuffs from producers at high prices, and sell to consumers of foodstuffs and users of feedstuffs at lower prices—charging difference to taxpayers.

For example, Sen. Milton Young (R., N. D.) ranking majority member of the Senate Agriculture committee, maintains that wheat vote—in only 4 of the 45 states was a majority cast states cast altogether 19 votes out of a total of nearly 425,000 shows that—

"Farmers would rather have fair prices and government controls than low prices and no controls."

And Sen. Richard Russell (D., Ga.), chairman of the Agriculture subcommittee of the Senate Appropriations committee, holds in effect that the wheat quota vote repudiates the leadership of the American Farm Bureau and the National Grange favoring the "flexible" or "sliding scale" price supports, and by same token indorses the Farmers Union (headed by Kansas-born James G. Patton) program of guaranteed parity income for farmers and the Brannan Plan to guarantee low-priced food for consumers at the same time.

On the other hand, Rep. Clifford Hope (R., Kan.), chairman of House Agriculture committee, maintains no sweeping conclusions can be drawn from what wheat farmers did. For these were aware, and strongly aware, he points out, of a tremendous oversupply of wheat bearing down on the market; and threatening worse things for them with another bumper crop.

So when wheat farmers voted overwhelmingly—some 87.2 per cent in favor not counting challenged votes—for marketing quotas, they were thinking about the coming season, not of the long-term consequences of a (rigid, high) price policy which the heads of their leading organizations insist is wrong. That is the summation of a statement from Chairman Hope. Apparently he ventures no prediction what they will be thinking of next year, or the years after—today or the long pull.

How a majority of members of Congress from farm states or districts—and candidate for Congress from these areas—will feel about the wheat vote probably is well summed up in the Kiplinger Agricultural Letter sent to business clients immediately following the referendum:

"What the wheat vote means is this: Farmers want high supports. And they

are willing to accept government controls to get them. Vote demonstrated overwhelmingly that talk of setting the farmer 'free' is so much hogwash as far as the great bulk of farmers is concerned.

"With wheat farmers it was nine out of ten in favor of quotas—87.2 per cent, to be exact. This is a considerably higher percentage in favor than in either of the two previous votes. In 1941 the vote was 81 per cent yes. In 1942 wheat growers voted 82.4 per cent in favor of the marketing quotas.

"Weakness in wheat prices this year helped push the yes vote to a new high. It convinced farmers that without price supports, prices would go lower."

(If marketing quotas had lost in the referendum, support price at the farm would have dropped from \$2.21 to around \$1.22 or \$1.23.)

Continuing, Kiplinger's makes this analysis:

"Other farmers want high price supports, too, will take quotas—if necessary—to get them. This shows up in a study of the results. Farmers voted heavily for quotas in all sections, not just in the Wheat Belt. The farmer who raises wheat as an incidental crop was as much in favor of quotas in many areas as was the big-scale wheat producer. In only 4 states did quotas fail to get a majority, and these states had a total of 19 votes. In only 8 states did the vote for quotas fall short of the necessary two-thirds—some by very narrow margins. The vote was fairly large, a bit larger than in the 1942 referendum.

"Vote was a sharp slap at Benson's campaign against high supports," Kiplinger further notes. "It demonstrated that he has only a small minority of farmers behind him, sharing his sincere enthusiasm for a free market and freedom from control. This was the first real test of the popularity of the Benson philosophy, and he lost. Even his home state of Utah voted 9 to 1 against him."

Then the writers of the Agricultural Letter delve into politics. Discussing the "political implications of the vote" it is hazarded:

"Eisenhower is now on the spot. While his campaign speeches on farm issues were a little fuzzy in places, they were generally interpreted as favoring high supports for farmers. However, he has let Benson place the opposite interpretation on them—and get the administration labeled as a low-price-support administration. In face of the results of the wheat vote it looks like courting suicide, politically, to continue on the present course. Farmers don't want it. Benson must do a flip-flop and advocate high price supports. He is trying to do it. But he so sincerely believes in the opposite it will be tough for him to make the switch. Yet if he doesn't, he may turn out to be a political liability to the administration. . . . So, expect Eisenhower to strongly back high price support, again."

Foregoing probably expresses the

(Continued on Page 31)

## HINTS ABOUT APOPLEXY

By CHARLES H. LERRIGO, M. D.

Your doctor may call it Cerebral Hemorrhage but "a stroke" means more than that to you. All too often it means something that comes like a bolt out of a clear sky. Quite often the stricken patient is one holding an important place as head or guide of the family. It is more dreadful because unexpected, but it is comforting to know that in most cases recovery may be looked for. My special letter, "Hints About Apoplexy" gives many helpful points about what to do. A copy will be sent to any subscriber sending a request with an envelope addressed to himself and bearing a 3-cent stamp, to Dr. C. H. Lerrigo, Kansas Farmer, Topeka, Kan. No copies can be sent unless the stamped envelope is received.

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opinion of most political observers. That it is in line with the thinking of Republican members of Congress is evidenced by the last-minute appeals—exemplified by Senators Schoeppel and Carlson, Representative Hope of Kansas—to wheat growers to "vote for quotas."

Also, it may pave the way for Government to intervene on the consumers' side and adopt, first as an emergency measure, and then as a permanent policy, subsidizing food costs of the consumer. After all, farmers make up only one-fifth of the population; practically all are consumers of purchased food. And here is the food picture, from the consumer angle.

Current issue of "The Marketing and Transportation Situation" (Bureau of Agricultural Economics, Department of Agriculture) shows these comparisons:

For 1946 the farm food market basket (urban wage-earner and clerical-worker families in selected cities over 2,500, instead of the old "market basket" based on metropolitan prices only) cost for year was \$767; farm value \$397 (plus \$8 government payments); marketing margin \$370 (plus \$13 government payments to processors); farmer's share of marketing dollar 52 cents (53 cents with government payments included).

For 1952, the market basket cost consumer \$1,028; farmer's share, \$481; marketing margin, \$547; farmer's share of marketing dollars, 47 cents.

Where does the money from higher retail prices go? Not to farmer; he is getting less and less. Well, the increase is all along the line: wages, transportation, processing, handling, AND TAXES.

So, folks, look out for consumers as well as farmers getting help from the Federal Treasury, perhaps in the next Congress. And the consumer groups will argue—unfairly, of course—that if the Commodity Credit can buy feedstuffs high and sell feedstuffs low for cattle, why not do the same with foodstuffs for human beings?

### More Forage Yields

A new folder features advantages of increased forage yields thru pasture rotation. It's printed by Hol-Dem Electric Fencer Co., Minneapolis, Minn. For your free copy, write Farm Service Editor, Kansas Farmer, Topeka, Kan.

### Extend Loan Period On 1952 Oats Crop

Loan period for 1952 crop oats in farm storage has been extended by Commodity Credit Corporation thru April 30, 1954, announces U. S. Department of Agriculture.

Farmers who extend their loans will receive a farm storage payment at 10 cents a bushel for a full year's extension. Also, purchase agreements on 1952 crop oats may be converted into a farm storage loan to mature April 30, 1954, or earlier on demand.

### Goes to Bagdad

In Bagdad, a Kansas State College graduate is now teaching at the University of Bagdad. He is Sahib Bayee, agricultural graduate of January, 1953.

### Build It Yourself

Here's a new build-it-yourself booklet—"How to Repair, Remodel and Build on the Farm with Masonite Presdwood." Gives many ideas on construction of grain bin liners, chick floor, workbench top, pig and calf shelter, etc. Published by Masonite Corp., Chicago. For a free copy write Farm and Home Service, Kansas Farmer, Topeka, Kan.

**The Man on the Mobiloil  
Truck has a Good Idea!**



# LET'S MAKE A DATE THIS WEEK TO TALK NEXT YEAR'S NEEDS!

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# Mobil

## FARM LUBRICATION



# Kansas Farm Home and Family

By FLORENCE McKINNEY



PEACHES, NESTLED under a cake-type topping make good summer eating. Serve warm or cold with plenty of cream.

## From the Farm — For the Farm

**T**EMPT home folks or your club friends with a good dessert. Here we offer four, home tested and approved. The peach cobbler is made with tapioca, which you will find thickens well without clouding the fruit color and without giving a starchy taste. This as well as the orange ice-box cake may be taken to the church or club dinner.

### Peach Cobbler

2 to 3 tablespoons quick-cooking tapioca	1 cup water
1 cup sugar	2 tablespoons butter
1/4 teaspoon salt	<b>Topping:</b>
1/8 teaspoon cinnamon	1/2 cup sifted cake flour
4 cups sliced peaches	2 eggs
2 tablespoons lemon juice	1/4 teaspoon cream of tartar
	1/8 teaspoon salt
	1/2 cup sugar

Combine tapioca, 1 cup sugar, 1/4 teaspoon salt, cinnamon, peaches and water in saucepan.

Cook and stir over medium heat until mixture comes to a boil. Add lemon juice and remove from heat. Add butter and stir until melted. Pour into 2-quart baking dish and keep warm.

Sift flour once and measure. Combine eggs, cream of tartar, and 1/8 teaspoon salt in bowl. Beat with rotary beater until foamy. Add 1/2 cup sugar gradually and continue beating until mixture is thick and lemon colored. Gradually

### Wild Grape Jelly

Made of summer's Indian wine, Timber spice  
With a jug of shine, . . .  
Looks like amethyst,  
Smells like spring,  
Tastes like heaven  
With purple wing.

—Gladys Martin.

fold in flour. Turn onto warm fruit mixture. Bake in slow oven (325°) for 50 minutes until cake is done. Serve warm or cold with cream. Serves 8.

### Refrigerator Ice Cream

3 cups milk	1/2 cup milk
1 cup sugar	2 egg yolks
1 cup brown sugar	1 cup whipping cream
3 tablespoons flour	1 teaspoon maple flavoring

Heat milk to boiling point. Mix well sugar and brown sugar and flour. Add 1/2 cup cold milk to mixture and make a smooth paste. To this add egg yolks and stir well. Gradually add hot milk, return to fire and boil just enough to cook eggs and flour. Cool. Whip the cream and fold in the mixture. Add maple flavoring. Freeze in refrigerator tray. For variation add chopped nuts or vanilla flavoring. Serves 12.—Mrs. Willis Meyers. [Continued on Page 33]



### Orange Ice-Box Cake

- 2 cups water
- 1 cup sugar
- 2 tablespoons gelatin, unflavored
- 1/4 cup cold water
- 2 eggs
- 2 tablespoons lemon juice
- 1 cup orange juice
- grated rind of 1 orange
- 2 cups whipping cream
- 1/2 pound marshmallows
- 1 sheet sponge cake

Boil water and sugar for 20 minutes. Soak gelatin in 1/4 cup cold water and add to hot sirup and stir until dissolved. Cool slightly.

Beat eggs and add to first mixture. Add orange juice, rind and lemon juice. Cool mixture until firm. Beat with rotary beater until light. Whip the cream and quarter marshmallows. Fold into mixture.

Line a pan about 12 by 8 by 2 1/2 inches with waxed paper. On to this spread a 1-inch sheet of sponge cake. Spread the filling on top and let stand in refrigerator several hours. Cut in squares and top with a spoonful of whipped cream. Serves 12 to 15. Can be made day before serving.—Mrs. Delmer Brower.

### Fruit-Flavored Ice Cream

- 2 eggs
- 1/4 cup sugar
- 1/4 cup light sirup
- juice 1 lemon
- 1 cup milk
- 1/2 cup juice from fruit cocktail or from canned apricots
- 1 cup light cream
- few grains salt

Beat eggs until light and lemon-colored. Gradually add sugar and beat until thick. Add sirup and fruit juice, and remaining ingredients. Stir well. Pour in refrigerator tray and freeze until firm. Remove from tray and beat with spoon or electric mixer until smooth. Return to tray and freeze firm. Makes quart and serves 6 to 8.—Mary H. Primes.

### Correction, Please!

We made an error in the ingredients for the Angel Cake sent us by Mrs. Frederick Warnken, of Reno county, the Kansas Farmer for August 15. The following is the corrected recipe.

- 1 3/4 cups egg whites
- 1 1/2 cups sugar, sifted
- 2 teaspoons cream of tartar
- 1/2 teaspoon salt
- 1 cup cake flour, sifted
- 1 teaspoon vanilla

Use day-old eggs at room temperature. Sift the cake flour, measure, then add one-half cup of the sifted sugar and sift together 3 times. Set aside. Beat egg whites until frothy with a rotary or electric beater, add cream of tartar and continue beating with a wire whip until they hold their shape but are not dry. Again with a wire whip, beat in 1 cup of sifted sugar, 2 tablespoons at a time. After 1 cup of sugar in mixture, add vanilla and continue beating for 2 minutes. Then fold in our and sugar mixture to the whites, 2 tablespoons at a time. After all flour added, fold mixture for 2 more minutes. Pour in a large angel food cake pan and cut thru it several times with knife. Bake in a preheated oven (375°) for 40 minutes. Cake rises very high and may crack on top. Turn it upside down over a long-necked bottle. Then cool ice with following gelatin.

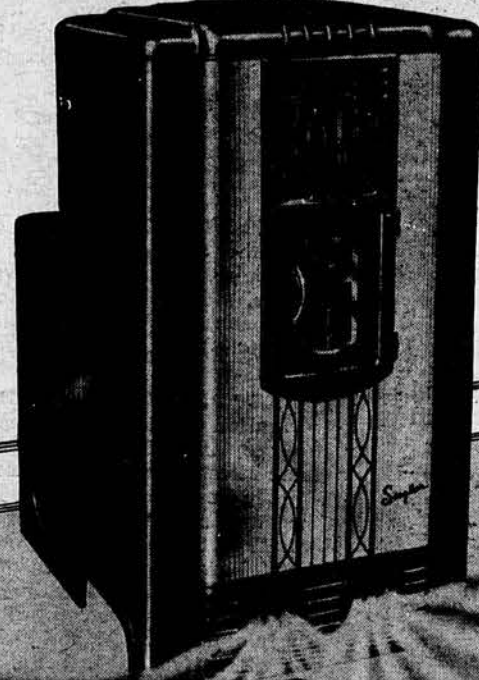
- 1 cup sugar
- 1/4 teaspoon cream of tartar
- 1/8 teaspoon salt
- 1 tablespoon light corn sirup
- 1/3 cup water
- 1 egg white
- 2 tablespoons flavored gelatin

Put all ingredients in top of double boiler and cook, beating constantly until mixture forms peaks. Spread on plate. Serves 10 to 12.

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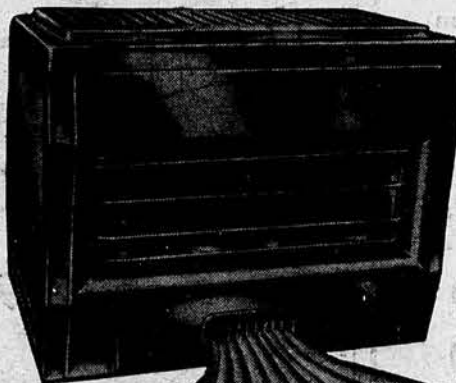
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Mrs. Franz gives Governor chance to sample her prize-winning cookery

## Governor Receives Winning Entry from Prize Cook

Mrs. John A. Franz of Buhler, Kansas, presents her prize-winning cooking entry to Governor Edward F. Arn at the Kansas State Fair. Mrs. Franz won the special "Governor's Award" in last fall's cooking competition—and the chance to meet Governor Arn in person!

Besides entering cooking contests, Mrs. Franz finds time for teaching and countless community activities. With a busy schedule like that she really appreciates the convenience of Fleischmann's Active Dry

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Prize-winning cooks prefer Fleischmann's Active Dry Yeast—out of 5000 prize winners surveyed, 97% like Fleischmann's best. It's so much handier than old-style cake yeast—keeps for months on the pantry shelf. Always rises fast! Now when you bake at home it's convenient to use yeast. But use the best—look for the label and get Fleischmann's Active Dry Yeast.

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Nagging backache, loss of pep and energy, headaches and dizziness may be due to slowdown of kidney function. Doctors say good kidney function is very important to good health. When some everyday condition, such as stress and strain, causes this important function to slow down, many folks suffer nagging backache—feel miserable. 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!

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## Geary County Women Have Interesting Hobby



MCDOWELL CREEK home demonstration unit members are interested in leather work and turn out all sorts of attractive handbags, belts, billfolds, coin purses and album covers. Left to right, Mrs. Glenn Zieber, Alta Vista; Mrs. Martin Kamm, Manhattan; Mrs. John Tully, Manhattan; Mrs. Walter Pierson, Alta Vista and hostess for the unit meeting; Mrs. Grover Poole, Manhattan; Mrs. Lawrence Kamm, Manhattan.

LAST DECEMBER, Ellen Batchelor, recreation specialist of Kansas State College Extension service, met with some members of home demonstration units in Geary county and taught them the fundamentals of making leather handbags. Since that time, members of the McDowell Creek unit have taken up the work with vigor. For the most part they are ranch women. They work singly and in groups and have turned out attractive bags, belts, billfolds, small purses and photograph albums. This fall they are making big plans for continuing the work.

As a group, they ordered one complete cowhide which cost \$11.50. Considering that it made 6 large handbags and 6 Junior-miss bags as well as several small items such as belts, the cost is low indeed. And they wear practically forever. Lacings are made of goat leather.

After the group was well started

Mrs. John Tully and Mrs. Lawrence Kamm went to the USO in Manhattan for additional lessons. Mrs. Kamm now is teaching the craft to members of the McDowell Creek 4-H Club. Some of the young folks make gun holsters and dog collars as well as purses and belts.

With the help of a few tools, the women make original designs, add initials, dates, flowers or complete names on the leather. Each bag is lined with suede and closes with a zipper. The leather is soaked in water to soften it so that designs may be added and when finished a leather finisher is rubbed in. Now they're waiting for cool weather before starting on a wider variety of handbags.

The quickest way to cook your goose is to act like one.

## For Child's Pajamas



7239

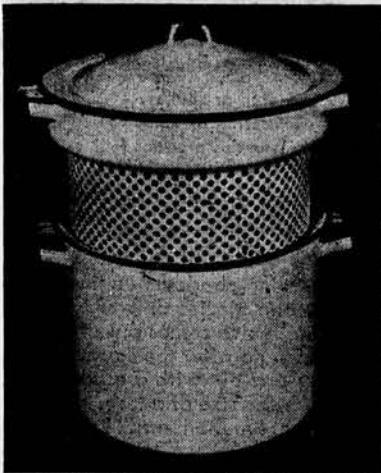
Into this happy clown's tummy go the children's pajamas every morning. Such fun! One way to teach them to put clothes away. Use scraps, the gayer the better. Pattern 7239 includes pattern pieces and cutting guide.

Pattern is 25 cents. For first-class mailing, add 5 cents. Address Needlework Editor, Kansas Farmer, Topeka.



## NEWS TO YOU?

USE it as a stewing kettle or deep-fat fryer, as a blancher when canning and freezing, for water-bath canner and for cooking soup, jelly and jam. It has a colander for washing greens and berries or to drain or strain vegetables.



Made by the Federal Enameling and Stamping Company, Pittsburgh, Pa., It now is available nationally in hardware, variety and department stores.

Ever wish you could roll cookies as thin as you please without sticking to rolling pin or pastry board? Use a well-floured pastry cloth and rolling pin cover. You can make your own from a piece of canvas, cotton toweling or coarsely woven linen covered with a child's long white stocking.

Most food fads do not have the support of scientific nutrition research. One of the current myths is that we cannot depend on ordinary foods to supply our needs and that we must rely on vitamin preparations. Scientific

research shows an adequate diet provides plenty of vitamins and minerals.

To keep pie shells from shrinking, be certain not to press firmly on the pie plate. Do not puncture or stretch. Remember to press edge down hard against the rim out to outer edge so that shell fits snugly.

Frozen fresh orange juice will taste more like fresh fruit, if you aerate it with an electric mixer. Serve immediately.

Vacation time for many will come along this autumn and here's a bag-packing idea. Tuck in a suede brush if your shoes are suede, scotch-tape for a quick mend in a ripped hem, a few coat hangers, a small whisk broom, a miniature mending kit and a traveling iron. And remember the trick of steaming wrinkles out over a bathtub of hot water.

## Have a Question?

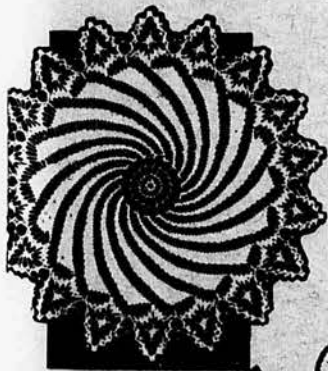
We welcome your questions about birds. If you want help in identifying birds around your home, let us know. Describe the bird as carefully as you can, as to color, marking, song, size and habits. Questions will be given to L. B. Carson, bird writer, for his answers. All other types of bird questions will be given the same consideration. Questions and their answers will appear in a future issue of *Kansas Farmer*. Address questions to Florence McKinney, Home Editor, *Kansas Farmer*, Topeka, Kan.

## NEEDLE TRICKS

580—Iron-on roses in 2 shades of red with green leaves. Beautify linens. Washable. Transfer of 14 designs, 4 roses, 4 by 4½; 4 roses, 1½ by 2½; 6 roses averaging 2½ by 4 inches.

7035—Use straw material or cotton to crochet this beauty of a basket. Sugar starch gives it stiffness, perfect for fruit or centerpiece. Pineapple design combined with solid single crochet. Directions included.

7179—Fruit, vegetables and flowers for happy hours of embroidery. Favorite easy stitches decorate kitchen towels. Transfer of 6 designs, 4½ by 7 inches each.



555

555 — Watch these pineapple pin-wheels whirl off your crochet hook. Use to set off a vase, fruit bowl, the beauty of a table. Large doily is 19 inches; small, 13 inches. Use No. 30 cotton.



7179

Patterns are 25 cents each. Address Needlework Editor, *Kansas Farmer*, Topeka. For first-class mailing, add 5 cents more for each.

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## THE POET'S CORNER

### Frustration

I've read of child psychology,  
I've done that lots of days,  
And how to make a prodigy  
There are a hundred ways.

I've fed my child on words so-o-o-long  
In the hope that she will use them,  
But when others use a verb that's  
wrong  
I tell her to excuse them.

But so far she has never aped  
The intelligent things I teach her,  
The words I use when things go  
wrong  
Are all that seem to reach her!  
—Marilyn Plasmeyer.

### Peaches Are Girls

Peaches are girls  
With a part in their hair,  
Round, rosy cheeks,  
Skin soft and fair.

They are sweet as honey  
And fragrant as spice,  
To have them around  
Seems very nice.  
—Mary Alice Holden.

### Apples Are Boys

Apples are boys  
With a sun-burned skin,  
Hiding the good  
Of all that's within.

As a tonic  
Keep one near each day;  
You'll find that they often  
Keep doctors away.  
—Mary Alice Holden.

### Our Small Boy

His hair is not like Mother's,  
His eyes are not like Dad's,  
But cheeks are round and rosy  
As any little lad's.

His smile is like a sunbeam  
Brightening our way,  
His laughter birdsong music  
Treasured thru each day.

Tractable or spunky,  
Blustering or mild,  
We love this precious fellow  
Who is a chosen child.  
—By Bertha R. Hudelson.

### Evening Elegy

When evening shadows begin to fall  
And the little birdies drowse,  
A pleading voice comes out of the dusk,  
"Hey, Mom, go after the cows,  
So Mom starts out with a quaking heart  
And a club the size of a tree.  
For you see, I'm Mom and I know there's  
a cow  
That will lower her horns at me.

Now, I would drink of the evening dew  
And I'd dance on the hill's smooth brow,  
But I dare not stray very far from the  
fence  
Because of that awful cow.

So I creep along like a thief in the night  
And dodge from tree to tree.  
For that cow looks a lot like Satan  
When she lowers her horns at me!  
It takes me an hour and Dad wonders  
why  
He didn't send little brother.  
He doesn't know this cow and I  
Are allergic to each other!  
—By Bula Lemert.

## THESE ARE YOURS TO SEW

**9191**  
SIZES  
34-48

**4635**  
SIZES  
12-20  
30-42

**9103**  
SIZES  
2-10

**9191**—Go-everywhere dress to make in spare time. Easy sewing. Pretty with contrasting flower embroidery. Women's sizes 34 to 48. Size 36 takes 4½ yards 35-inch fabric. Embroidery transfer included.

**4635**—Smart, practical shirtwaist. Jaunty scallops on collar, cuffs and pockets. It's wearable everywhere. Misses' sizes 12 to 20 and 30 to 42. Size 16 takes 4½ yards 35-inch fabric.

**9103**—Easy-to-sew outfit for your little girl. Two sleeve versions. Child's sizes 2, 4, 6, 8, 10. Size 6 jumper takes 1½ yards 54-inch fabric; blouse, ¾ yard 35-inch fabric.

Patterns are 30 cents each. Address Fashion Editor, Kansas Farmer, Topeka. For first-class mailing, add 5 cents more for each.



# KNOW YOUR BIRDS . . .

By L. B. CARSON

## The Goldfinch



A lemon-drop with feathers  
All trimmed in black and white,  
He is so gay and happy,  
He even sings in flight.  
With weed seeds, he's contented  
Altho the weather's cold,  
He's such a lovely neighbor  
He's worth his weight in gold.

HIS CHEERFUL song, his friendly disposition, his brilliant colors, all make the American goldfinch, often called the wild canary, one of our favorites. The male with his yellow body, black wings with white bars, black tail with white tips on the 2 outer feathers and a touch of white on the rump, the little black cap . . . what a colorful combination! In winter he dons the more somber hue of the female, but retains the black wings and yellow shoulder patch. An unstreaked breast makes him easily identified.

Altho small, the goldfinch is no sissy. He spends many a cold winter day gathering weed seeds which form the major part of his diet. When these are covered with snow, he moves to the woodlands and eats whatever buds and seeds he can find. But wherever you see him, he's cheerful. He carries on a twittering conversation with members of his kind or with other finches, such as pine siskins or purple finches, his winter companions.

### Flight Is Distinctive

His undulatory flight with his flight song, "per-chic-a-ree," is distinctive, in fact you often hear the song when you have trouble seeing the bird, for he gains considerable altitude when traveling to his favorite feeding grounds. Other finches have a similar flight but not the call notes. His regular song consists of various trills and twitters, rather loud for so small an artist.

Goldfinches nest rather late in the season for they need a good supply of weed seeds to feed the young. These seeds are partly digested and fed by regurgitation, for young birds find it difficult to digest such dry food as satisfy the parents. Thistle seeds seem to be a favorite food and many artists draw and paint the goldfinch perched on this weed. Lettuce, dandelions or any flower which produces this type of seed is soon located by this little harvester.

The nest is an open cup placed in a fork of either some bush or small tree and usually not too high from the ground. It's neat and made of grass stems, lined with soft materials such as thistledown. Eggs are pale blue with no spots.

Young birds leave their nest after about 15 days and join with others of their kind in small groups or large flocks, feeding on their favorite seeds. In spring, goldfinches relish a few in-

sects such as young grasshoppers, beetles, inch worms and plant lice. One important item on their bill of fare is the egg of the Hessian fly which is one of the imported pests which cause loss in wheat crops in the Middle West.

Whether you call him goldfinch, this-tle-bird, yellow-bird or wild canary, he is one of the princes of the bird world and one that you are likely to meet on any of your journeys and one that will make you feel better for having made his acquaintance. His cheerfulness is contagious.

## The Reader Wants to Know

My bird question is how to keep blacksnakes out of my martin house. For 2 years in succession, they have eaten either eggs or birds, I have a lard can open at the bottom and 15 inches in diameter around the pole. Can you give me the answer?—Dr. J. E. Harding.

Blacksnakes are good climbers and relish eggs and nestlings. If the pole which holds your martin house is away

from limbs of trees, I would suggest you place on it an inverted metal cone about 6 feet above the ground. Fasten closely to the pole at the top and extend down like a half-open umbrella. The lower part of this cone should extend out at least 3 feet in every direction from the pole. This should protect your nesting birds from any climbing predators.

Your bird columns interest me very much and I do hope you can tell me the name of one I saw in a pasture this week. I got only a fleeting glimpse of it 2 different times as it sat on a fence. At first glance I thought it was a sparrow with chestnut or cinnamon stripes and checks on its back, wings and tail. The puzzling factor was a yellow breast very similar in color and marking to a meadowlark. I got an impression of a wash of pink on its sides, but can't honestly say I saw the pink. I've looked up all I have on sparrows and similar-size birds, but find no trace of any bird like this.

My second question is about the marking on a bird I thought was a goldfinch. Do they have downy white feathers on the back between the body and middle of the tail?—Mrs. H. M. Fetrow.

The bird which you thought was a sparrow was a dickcissel and no doubt

received his name from his song which sounds like "dick-dick-dickcissel." He belongs to the same order of birds as the sparrows, so you were not wrong in thinking he resembled them. The dickcissel is one of our common summer residents and breeds from Ontario, Minnesota, North Dakota and Wyoming south to Alabama, Mississippi and Texas and winters from Guatemala to Columbia and Trinidad.

It prefers an open range and nests on or near the ground. Alfalfa fields are a favorite habitat. The yellow breast and black bib which reminded you of the meadowlark becomes obscure in fall plumage. Then the chestnut-colored band on the bend of the wing is a better field mark. They eat many insects and their persistent song adds to the pleasure of a summer trip.

To your second question I will say that the upper tail coverts of male goldfinches are white.

## Games for Outdoors

Need some games for the picnic season? Then you will be happy to have our leaflet, "Games for Outdoors." For your copy send 3c to Entertainment Editor, *Kansas Farmer*, Topeka, Kan.

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This . . . the 73rd annual exposition in Topeka . . . will picture the agricultural, livestock and industrial might of the Sunflower State. You'll thrill to the seven inspiring days and nights of The Kansas Free Fair. Attend the Fair that has carried the story of Kansas to the people of the nation for 73 glorious years.

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### AFTERNOON GRANDSTAND EVENTS (1:30 p. m.)

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Sept. 13—Championship Big Car Races.

Sept. 14—THRILLCADE Auto Daredevils.

Sept. 15—THRILLCADE Auto Daredevils.

Sept. 16—Championship Big Car Races.

Sept. 17—100 Mile Stock Car Race.

Sept. 18—Horse Races—6 Running Races.

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2 powerful models, 6", 8", 10", 12", 14", 18", or 24" diameter augers, digs up to 42" deep. Fits standard tractors and farm jeeps.  
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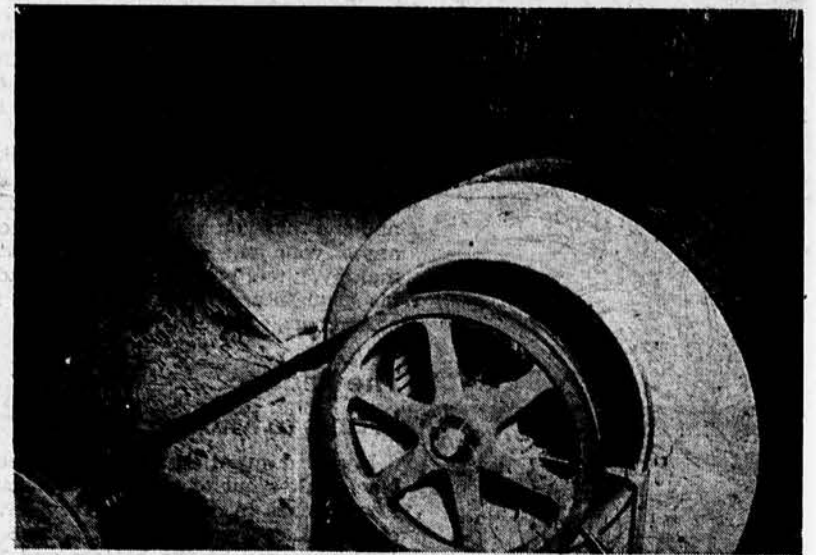
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## Easier Way of Handling Hay Gives Best Quality, Says H. L. French



**BLOWER UNIT** is mounted on hay dryer duct on Homer L. French farm, Kingman county. Blower can deliver 21,000 cubic feet of air per minute against 1½ inches static pressure. Hay shed will hold 45 tons of chopped hay. Mr. French is especially impressed with quality of hay and ease of handling when put up this way.

**HOMER L. FRENCH**, Kingman county, has worked out a system of handling hay he thinks is easiest and gives him the best quality.

Most important part of his haying operations is the hay dryer. His hay shed is of the Doane type and is 26 by 36 with a 7½-foot overhanging roof to shelter the feeding cattle. Snow fence holds the chopped hay along either side of the building, and the air duct travels along the middle of the floor from end to end. The barn will hold 45 tons of dried hay.

The blower is powered by a 7½-horse motor and has a capacity of 21,000 cubic feet per minute against 1½ inches of static pressure. A timing mechanism turns the blower off and on for pre-set intervals of time.

Mr. French has about 65 acres of alfalfa and handles most of his hay in the hay keeper. Usual procedure is to cut alfalfa in the morning, haul it to shed in afternoon where it is chopped and blown into hay keeper. Once in the barn, hay is dried by blower steadily for about a week. Then the clock is set for half time for 4 or 5 days.

Hay is checked for hot spots and smell after this period. Since the hay dries from the inside out, the outside is checked for moisture content. If there

is any indication of heating in the hay, the blower is turned on again until it is completely dry.

In very favorable weather conditions, such as the recent dry seasons, costs of drying amount to about 60 cents a ton. Mr. French figures quality of the hay is increased that much in nearly all cases.

He has a grade-A dairy barn and a purebred Brown Swiss herd. He has 25 cows and was milking 12 in July.

Mr. French feels quality of hay would be improved still further if the stems would dry at the same rate as leaves. To accomplish this, he plans to get a crusher attachment for his mower. Feeding value of stems is often lost in the field, he believes.

Probably the nicest thing about his haying operation is the ease in which it is accomplished. There is no lugging of bales inside the barn and no fuss with feeding bales. Chopped hay can be pushed into the feeding areas with a minimum of effort. There is little waste involved in feeding chopped hay. Cattle can get only as much hay in their mouths as they can eat at any one time.

Nearly every operation in putting up the hay and feeding it is done by machines. What could be easier or give better quality hay?



## The PRAIRIE DOG A Disappearing Enemy

ONE of the most familiar sights of the Western areas of Kansas is the prairie dog. The yelping and scampering of this pest is strangely fascinating to the traveler, but for years Kansans have conducted active "war" campaigns against the dogs. Since they're fond of grains, truck, forage and hay crops, and grasses they are a chief enemy of farming.

The prairie dog is a plump, short-tailed, squirrel-like animal. He is widely distributed over the Western territories, extending from Minnesota to Texas. They have ranged as far south as Mexico. Dogs are quite prolific, raising as many as 4 to 6 each season. Their holes are peculiarly constructed, states the Kansas Academy of Science. For a few feet, only the inclination is very great. Holes usually are connected with neighbors' holes. Whenever holes are in any way disturbed, dogs repair damages as speedily as possible. Anything growing on the "town site" that in any way obstructs their view will be cut down many times in the season—tall weeds, grasses. And it's not true owls, snakes and prairie dogs will live peaceably

side by side in holes. Dogs suffer even more from snakes than from owls—both will eat young dogs, and attack older dogs. Average life span of a dog is 4 years.

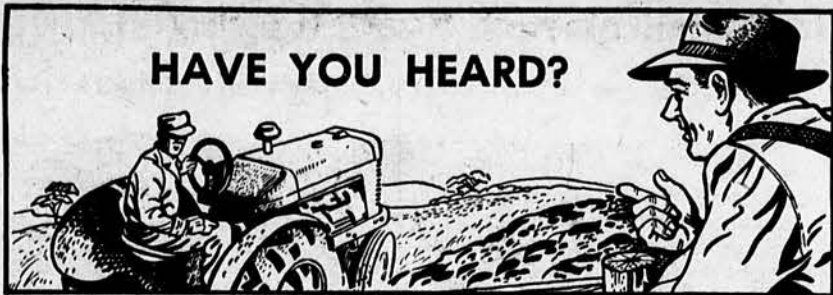
Dog colonies may contain thousands of individuals. Some "towns" in Kansas have been known to be as long as 5 miles, and a mile wide. According to the U. S. Department of Interior Fish and Wildlife Service, county agents of central and western counties of Kansas reported in 1948 that 92,000 acres were infested with dogs. Some estimate there are an average of 5 dogs for every acre.

The day of the prairie dog may be coming to an end, as federal rodent-control teams are going after them in active campaigns. They are using a new poison deadly enough to wipe out a 5,000-acre colony in a week. It's been estimated 256 dogs eat as much as a cow. In the southwest cattle country, dogs have eaten as much as 80 per cent of range forage production.

Long a pest, and tho clever at escaping enemies, the prairie dog soon may be a "thing of the past."

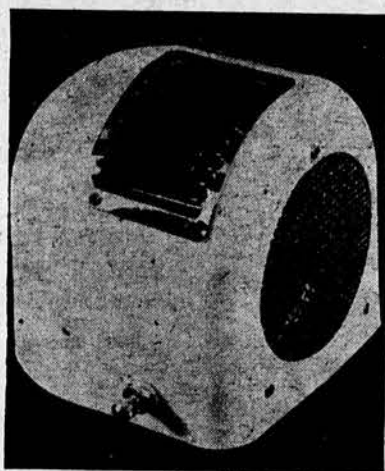


## HAVE YOU HEARD?



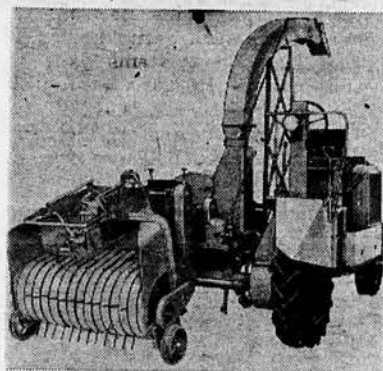
### Notes on New Products and Folks Who Make Them

**Gent-L-Aire** is a new electric fan with a new idea in ventilation for year-around use. Directs steady stream of air where you want it. Is safe—air rotor and all moving parts inclosed.



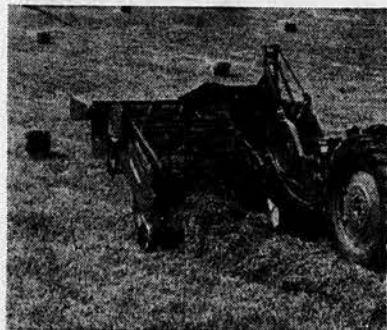
Heavy duty motor needs no oiling. Comes with 7-foot cord and plug, in choice of color. Nina Skidmore, Dept. 2, 121 Pine St., Elizabethton, Tenn.

**Uni-Foragor** is a new forage harvesting unit added to line of farm machinery made by Minneapolis-Moline Co.



It is 4th in a series of attachments for the firm's Uni-Harvester. Outstanding features: self-propelled operation, as attachment is mounted on a basic tractor unit that has its own motive power; start-stop-reverse transmission, operated from tractor seat, to prevent clogging and damage to the attachment; adjustable cutting length of knives so crop cut may be adjusted from 1 1/2 inch to 3 inches without moving knives.

**Oliver Corp.**, Chicago, announces a new fully automatic wire tie baler, Model 100. An "out of wire" signal



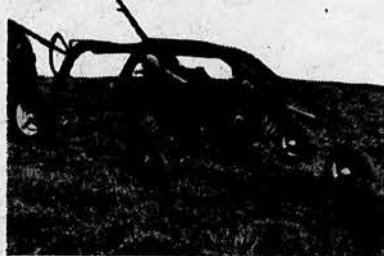
system automatically stops engine when any of 4 coils of wire is exhausted. Newly-designed pickup and crossfeed mechanisms assure capacity up to 10 tons of hay per hour.

**Garden Guide Soil Test** tells within minutes to what extent soil is acid (sour) or alkaline (sweet). Kit includes indicator solution, sampling equipment, color charts, plant pref-

erence lists, liming tables. Use to test soil for plants, flowers, vegetables, shrubbery, trees, grass, house plants. LaMotte Chemical Products Co., Towson, Baltimore 4, Md.

**John Deere** has a new 10-inch or 14-inch portable PTO hammer mill. No belt to align. Few turns of hand crank raises mill for transporting or lowers it for grinding.

**McCormick** new No. 5 side-delivery rake is announced by International Harvester Co. Streamlined for big-capacity, high-speed raking required in



modern grassland farming. Has heavy, twin-beam frame to permit fast speeds without weaving in heaviest crops.

**Sam Mulkey Co.**, 1621 Locust, Kansas City, announce a new drag-type hay hopper, designed to feed chopped hay to their portable All-Steel Farm Elevators. They write their hay hopper-elevator combination will move up to 1/2-ton of chopped hay per minute.

**Oliver flexible rear-mounted No. 12 Mower** is available for all Oliver Row Crop tractors equipped with hydraulic systems. Cutter bars available in 5-, 6- and 7-foot lengths. Oliver Corp., Chicago, Ill.

**Bolens Products Division**, Food Machinery and Chemical Corp., Port Washington, Wis., announces a lighter, more powerful, 2-cycle engine—the "Power-Pak." It's capable of developing 2.5 h.p. yet weighs only 25 pounds. Use on company's line of rotary mowers.

**John Deere portable elevator** is announced. Is an 18 1/2-inch-wide elevator available in lengths of from 26 to 50 feet; handles all crops, including 16-by 18-inch bales lying flat. Adjustable



bale chute extends up to hayrack bed for easy feeding of bales up rugged, bridge-trussed elevator. Big capacity hoppers for handling ear or shelled corn and small grains are available for a regular and wide-bed wagons and trucks.

**J-Dapter Pouring Spout and Cap** attaches to a bottle top to assure a steady, even stream. Never drips. Plastic. Non-toxic. Odor and dirt-proof, easy to clean. J-Dapter Spout Co., 1020 Home Ave., Akron, O.

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See it actually CUT and KILL WEEDS that "short" your electric fence!

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### The Fencer that's on the job—doing a job! INTERNATIONAL "WEED CHOPPER" Electric Fencer

- **LONG RANGE**—effective over many miles
- **WORKS WHEN GROUND IS DRY**
- **CONTROLS ALL STOCK**
- **NO MORE "STRAYS"** or costly stock losses!
- **HANDY**—for temporary pasturage and barn control
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- **SAVE 60%-90%** on new fence—Single wire instead of multi-strand or woven
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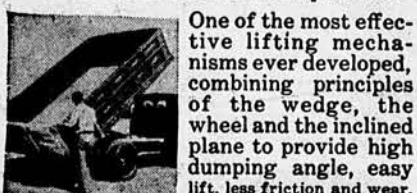
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**REVOLUTIONARY NEW****Jayhawk** Mobile Wedge  
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PLUS FEDERAL TAX**Now It's Easy and Inexpensive to  
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Completely electric-hydraulic. No power take-off. Automatic safety lock at any angle. Dual push button controls.

Two models:—Jayhawk Senior for 1, 1½, 2 ton trucks; Jayhawk Junior for ½, ¾ and 1 ton pickups. At Jayhawk dealers. Send postcard for **FREE CIRCULAR** with full details.**WYATT MFG. CO., INC.**Jayhawk Farm Implements Since 1903  
Dept. H-3 Salina, Kansas**NEW STRODA  
BALE ELEVATOR**

Length, 20 ft.—elevates 15½ ft., full bale weight. Easily powered ½ H. P. motor. Double cable winch.

**Low Priced—\$199.50**

Dealer Distributor

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Marion, Kansas Phone 307**BUY DIRECT FROM  
FACTORY  
AND  
SAVE**

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

**SPECIFICATIONS**  
Width of Cut—38 in. Bearings—Timken.  
Power—3 H. P. Briggs & Stratton.  
Frame—Fabricated Electric Welded Steel.  
Differential—Auto Type Drives From Both Wheels.  
Drive—Standard Auto V-Belts. Gears—Machine Cut.  
Tires—400x8 Pneumatic. Self Propelled.

The F &amp; H heavy duty 24" self-propelled rotary type lawn mower cuts fine grass or large weeds. Powered by a Briggs &amp; Stratton 3 H. P. air-cooled engine. V-belt and roller chain drive. Timken bearing spindle. Electric welded steel frame. No castings to break. Auto type differential. pulls from both wheels. Pool proof V-belt clutch. All bearings and gears are unconditionally guaranteed for one year. Drive wheel 12"x3.00 semi-pneumatic puncture proof. Front wheel 10"x2.00. Two blades with each machine. Only one nut to remove to change blades. Satisfaction guaranteed.

**Foushee & Heckendorn**  
Cedar Point, Kansas**Treat Vegetables With Chemicals to  
Prevent Sprouting in Storage**

By WILLIAM G. AMSTEIN, Kansas State College

IRISH POTATOES, carrots, turnips and beets can be kept from sprouting in storage by treating them with certain chemicals. Materials sold under various trade names—Barsprout, Sprout Inhibitor, Potato Fix, Stop Sprout and others—have given good results when applied in time.

Sprouting of root crops in storage causes them to shrivel. Sprouts use up food material in stored roots and tubers. They even may become unfit for cooking and become a total loss. Treatment to prevent sprouting is one way to save more of the food value in our stored crops. This chemical material is non-poisonous and can be used with perfect safety.

These sprout-inhibiting chemicals are sold in 3 different forms. The liquid form can be mixed with water and used as a spray. The dust form can be applied with a small duster or sifted on with a pepper top can. The third form is confetti-like paper which has been treated with the naphthaleneacetic acid. The treated paper can be scattered among root crops in storage. All 3 forms are equally effective if used properly. For best results be sure root crops are fairly clean and material used is evenly distributed thruout the bin, basket or box in which they are stored.

**It Gives Off Gas**

In using spray or dust, each root or tuber should receive some of the material but need not be entirely covered. The chemical slowly gives off a gas which is absorbed by roots and tubers. One treatment is enough for the entire storage season unless excessive air circulation carries this gas away. If necessary a light covering of burlap or other material may be used to help prevent excessive air circulation. Normally, potatoes will not sprout until they have had a rest period which usually lasts for a month or more following digging. Irish potatoes and other root crops intended for late summer and early fall use need not be treated. The supply for winter should be treated as they are put into storage. If treatment is not given at this time it can be applied later if sprouting has not started. It is important to remember that the chemical will prevent sprouts. However, it will not check the growth of sprouts that had started before the chemical was applied. This year it probably should be applied soon after harvest, because high soil temperature may have broken the rest period. Also with the short crop we cannot afford to lose any this year.

This treatment will not prevent rot. Root crops always should be stored in a cool place, like a cave or a cellar, where the air is not too dry. This year adding some extra moisture to prevent excessive shriveling may be very desirable.

Commercial brands of this chemical (methyl ester of naphthaleneacetic acid) usually are sold in small amounts sufficient to treat 8 to 12 bushels of potatoes or other root crops. Since different companies may use different concentrations of material the best procedure is to read the label carefully. Follow the directions given by the manufacturer.

Ordinarily most of us use Northern grown certified potatoes each year for seed because they are more nearly free of disease. However, if for some reason you are saving your own potatoes for seed, do not treat them with this sprout-preventing chemical. Potatoes that have had this treatment cannot be expected to grow when planted next spring.

Some special attention should be given to stored vegetables. Fresh food needs special requirements to keep well. Two items are moisture and temperature. Moisture and temperature are difficult to control without proper ventilation. If the storage place is well ventilated it needs an inlet and an outlet—both should be to the outside.

For every 3.5 cu. ft. of storage there should be a 1 sq. inch of outlet. The inlet should be at least as large as the outlet and located at bottom of entrance door. The outlet can best be located at back of the top.

Low temperatures in the storage usually can be secured and controlled by leaving the inlet ventilator open at night and closed in the daytime. If the air temperature outside is cooler than in the storage, the ventilator should be open. If the temperature outside is warmer than that on the inside, the ventilator should be closed. An exception to this is when excessively low temperatures occur. The nearer 40° F. the better most crops will keep if the moisture content is desirable.

**Gets Ag Degree**

One of the oldest persons ever to graduate from Kansas State College with a bachelor's degree in agricultural engineering is a former Kansas farmer, Yvon Collins, Coffeyville. Fifty years old, he was graduated during summer school exercises at Manhattan, August 1.

**No. 13 in series of farm biographies  
of agricultural "greats"...****HENRY E. ALVORD**

Henry Elijah Alvord, founder of dairy division of the U. S. Department of Agriculture, was born at Greenfield, Mass., March 11, 1844. When he organized the new division, in 1895, he was appointed its chief, served until his death, in 1904.

In 1863 he received his bachelor's degree from Norwich University, did advanced work later. He farmed, and taught agriculture, in Virginia, New York, Massachusetts, Maryland and New Hampshire. From 1887 to 1892 he was president of Maryland Agricultural College, established the experimental station there. He served as president of Association of American Agricultural Colleges and Experiment Stations, in 1894-95, which he helped form also. In 1881 he wrote several chapters of the book, "Dairy Farming." He wrote many dairy articles for magazines, bulletins, meetings and foreign publications, was honored by many countries for his agricultural achievement.

In early days of the Chautauqua movement, he was in charge of the agricultural branch of its reading courses, known as its "school of farming,"—first correspondence course in agriculture. In 1900 he went to Europe as USDA Dairy Division representative to the Paris exposition, was a member of the international jury of awards.

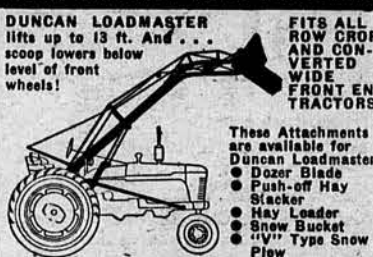
Henry Alvord was generous, modest, unselfish—seldom strived for personal recognition.

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Deep Well Jet Pump****Jacuzzi  
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Power Seed and Fertilizer Distributors  
ECONOMICAL and DEPENDABLE, pay for themselves with fast, easy broadcasting of grass seed (including brome), grain and fertilizer. P.T.O. or motor driven, 1 to 5 bushels capacity. Send for free literature and informative grass land booklet.

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A SALINA SILO lets you feed profitably when cattle prices are down. Saves feed bills. Saves drought crops which otherwise would be lost. Built with large, all-steel doors. SALINA SILOS last for years, eliminate spoilage, pay for themselves. No down payment. Write for free folder.  
**SALINA CONCRETE PRODUCTS, Inc.**  
1314 West Ash, Salina, Kas.**VACUUM BLOWER**

See it at  
**KANSAS FREE FAIR**  
**KANSAS STATE FAIR**  
KUCKLEMAN IMPLEMENT CO.  
SENECA, KANSAS



# Let's Go to Kansas State Fair

(Continued from Page 4)

the fair this year is the National Aberdeen-Angus Show and Sale, which is being brought to Hutchinson as a special feature of the fair. The national breed association will offer an additional \$10,000 in prizes to money offered by the fair, so the top Angus from all over the U. S. should be in this show.

A tour of the fairgrounds shows much has been done during the past year to make coming to the fair more convenient and pleasant, both as an exhibitor and as a spectator.

First, there is a new 36- by 150-foot horse barn to house the rapidly growing quarter horse show. The barn will accommodate 112 head of horses and is equipped with an office plus shower and rest rooms for exhibitors.

## Beef Barn Improved

The interior of the beef cattle barn has been remodeled to make life more pleasant for exhibitors, too. The old concrete managers have been torn out and replaced with wood tie racks. The big difference, however, is there now is room for a large alley down each line of tie racks for exhibitors to use for storage of gear.

Three miles of roads on the grounds have been treated with oil and sealed to keep down dust. The poultry building has been painted on the outside and remodeled inside to give more space.

A major effort has been made to speed up the job of getting you onto the fairgrounds. Now, at the northwest corner, instead of paying your admission at the street gate, you will pay only a parking fee. The whole northwest parking area will be fenced so after you park the car you can then pay your entrance admission as you walk onto the fairgrounds. In other words, you can get your car onto the lot and parked in much better time, then enter the grounds at your leisure.

The dairy bar under the grandstand has been torn out and completely rebuilt. It now has a much more attractive appearance and from 3 to 4 times as much counter space for waiting on customers. This will mean better service. More modern and more sanitary equipment also has been installed.

New brick permanent ticket offices

have been built just in front of the grandstand, and a lot of new portable ticket booths have been built for the various entrances to the grounds. These will be equipped to speed up service to those buying tickets, officials say.

All parking lot drainage work has been completed and the areas seeded to brome grass to keep down dust and make parking possible in bad weather. The 1953 legislature allocated funds for a new roof on the big grandstand and this should be installed by fair time. The grandstand roof, by the way, is more than an acre in size.

## Add a New Contest

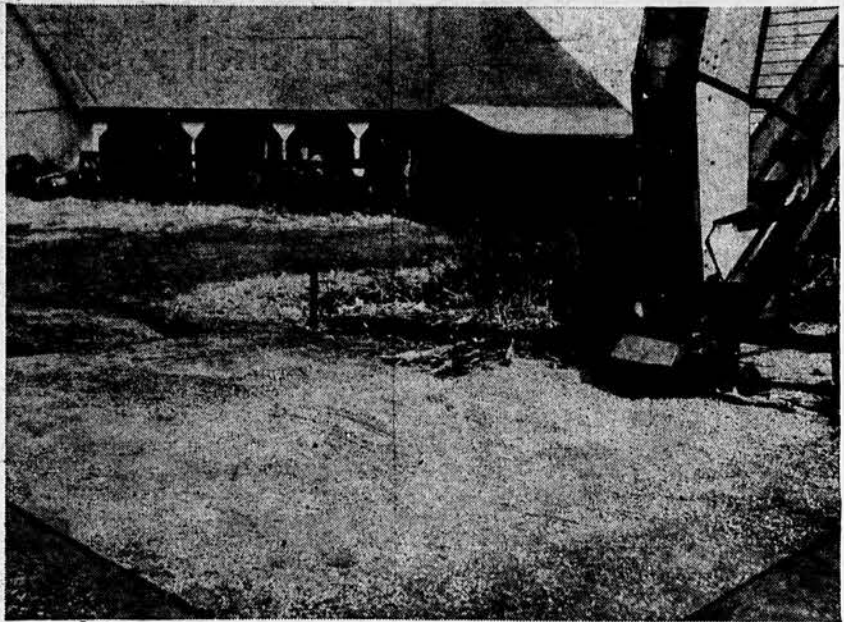
One new contest has been added to agricultural events this year. It is an Inter-Collegiate Dairy Cattle Judging Contest to be held Monday, September 21. It is open to any team eligible to compete in the national contest and will be governed by the same rules as the national contest. *Kansas Farmer*, of course, will again give ribbons and \$240 in money in the *Kansas Farmer* Dairy Judging Contest, in which winners at various spring district shows will compete.

The clothing and textile department has been moved from the first floor to the second floor of the grandstand to make more room for commercial exhibits, which gives you some idea of how they will compare with previous years.

Allis-Chalmers will be the only major farm implement company to show at the State Fair this year, but most machinery companies will be represented by dealer exhibits. There also will be a lot of smaller manufacturers. Both in the commercial exhibits and machinery exhibits there will be many new things to see, fair officials assure us.

Last year 3,000 4-H exhibitors had more than 6,000 entries in the fair. Even more are expected this year. Of course, there will be the big 4-H encampment, the big tent city for campers and the usual outstanding FFA farm machinery display.

Kansas State Fair sheep shearing contest will be held Thursday, September 24, starting at 9 a. m. Prizes will be offered junior and senior divisions.



## Less work, less waste with CONCRETE

The concrete slab shown here is just one of the hundreds of ways concrete can improve both farm and farming. It makes it easier to unload grain. There are no ruts . . . wagons and elevator drag are always level. Spilled grain, that would otherwise be pushed into the dirt, can be easily swept up and saved.

Concrete makes farm work easier—helps lower costs. It saves labor, helps to conserve feed and increase production. It makes the farm a more attractive place on which to live and work . . . and well built concrete structures will last a lifetime with little maintenance.

See your Lehigh Dealer the next time you are in town. He will be glad to give you details on this and other money saving improvements for your farm.

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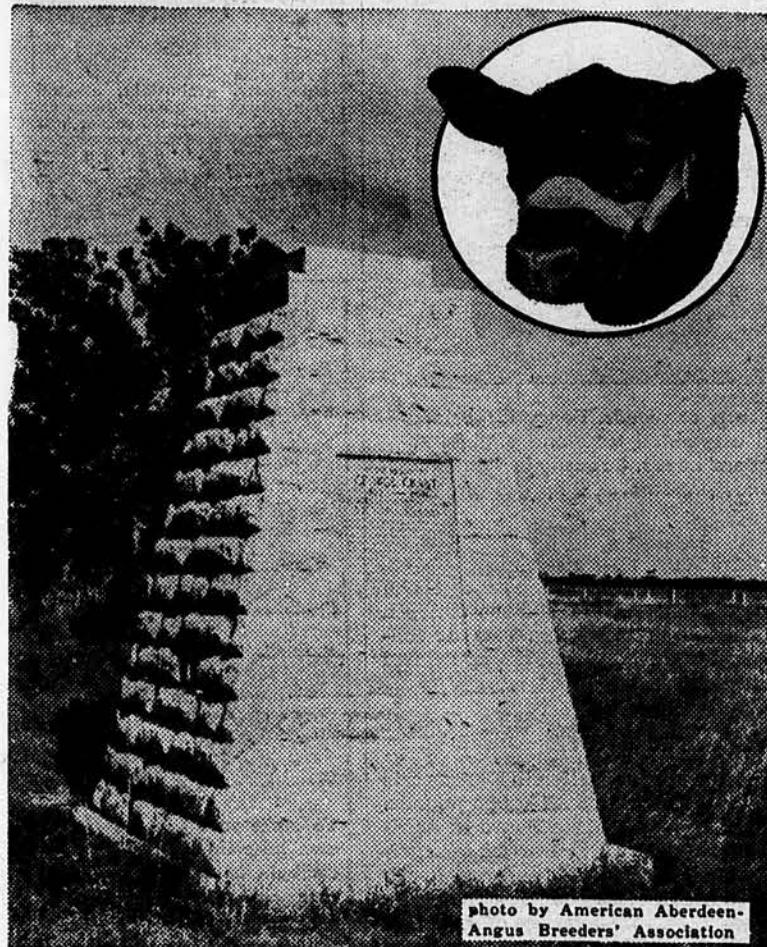


photo by American Aberdeen-Angus Breeders' Association

**GEORGE GRANT MEMORIAL** at Victoria commemorates importation of first Aberdeen Angus cattle to America, in 1873. The National Angus Show at Hutchinson, September 20 to 26, honors the 80th anniversary of this event.

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tells of crippled children made whole! Of sad parents made happy! Of more and more handicapped children to be made "like other boys and girls." It tells how you may do something worthy of the best there is in you by helping in this ever widening mission of healing! Get your free copy of this story. Write today to  
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HAMMER MILLS  
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GRAIN and  
ROUGHAGE**

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See your Papec dealer or send name  
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## Fine Water Spray Keeps Hogs Cool In Shelter Belt on Kirkbride Farm



**HOGS KEEP COOL** in hottest weather of season on Henry Kirkbride's farm, Barber county. Fine water mist is sprayed on leaves of shelter belt trees from hose in center of picture. Hogs are a supplementary operation on this farm and do well in an area where few hogs are raised.

**HOGS ARE NOT** likely to put on good gains in extremely hot weather unless they can keep cool. Henry Kirkbride, of Medicine Lodge, knows this. So he rigged up a cooling system for his hogs that keeps them comfortable and healthy.

The hog lot on his farm includes part of a shelter belt that provides ample shade, but shade is not enough in 107-degree temperatures. So Mr. Kirkbride aimed the hose he fills his hog waterers with, into the treetops and set the nozzle to squirt a fine spray.

Water dripped gently off the tree leaves and formed those mud puddles hogs seem to like so well. The moisture lowered the temperature under the trees, according to Mr. Kirkbride.

Hogs seem to go for the natural air conditioning in a big way. They frequently leave the cool, shady mud puddles but only to walk over to the self-

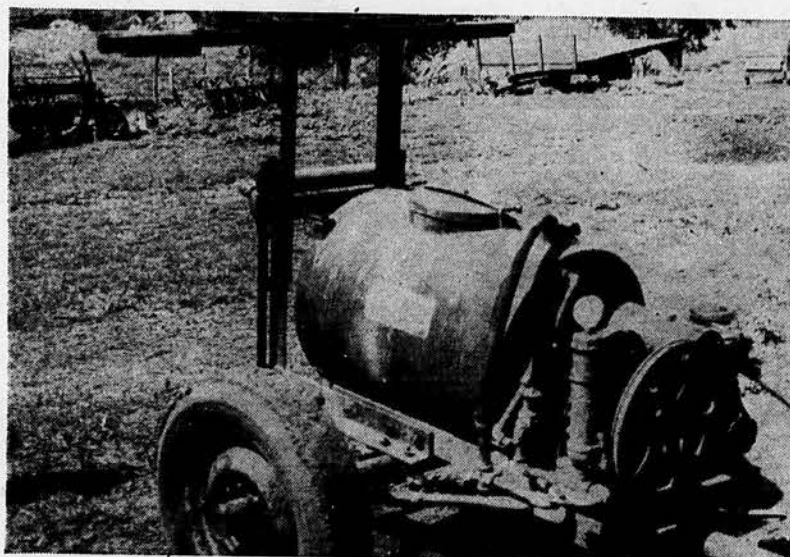
waterers and feeders. Then they go right back to the puddles again.

Mr. Kirkbride raises hogs only as a supplementary operation. He raises cattle like most of the people do in his part of Barber county. But he does a good job of raising hogs and it seems to be paying.

He has only 4 sows and a boar but all are registered Durocs. His 49 spring pigs are enjoying the shelter belt cooling system.

The farm includes 1,020 acres and he rents 80 acres. He has 120 acres of farm land and 65 cows, 140 acres of wheat and 35 of alfalfa. His wheat turned out 22 bushels this year—considerably above the county average.

An active worker in 4-H activities, he taught a class in tractor maintenance and had an exceptionally good class, according to County Agent Kenneth Newell.



**UTILITY SPRAYER** can be used on cattle, insects or weeds. Henry Kirkbride, of Barber county, constructed the cart and assembled tank and engine. A small unit, it takes care of his and his neighbors' needs. Capacity is 4 gallons per minute and develops 350 to 400 pounds pressure. A 2-hp gas engine powers the unit.

## Teachers Enjoy KABIE Tour

Getting to know Kansas agriculture and industry better is opportunity afforded Kansas teachers who go on the annual KABIE tour (Kansas-Agriculture-Business-Industry-Education tour). The 1953 event is 4th annual one. Beginning Monday, June 15, from Wichita, a group of 67 teachers from 48 cities participated in the 2-week, 2,100-mile tour. Three hours of college credit were earned by 59 of the teachers. Co-operating sponsors are the Kansas State Teachers Association and State Teachers Colleges at Emporia, Fort Hays and Pittsburg. The Kansas State Chamber of Commerce is chief sponsor

of this Tour, now nationally known. Information from the tour is taken back to thousands of Kansas children in classroom discussions. Two air-conditioned busses took the group around the state.

## Less Wool Shorn

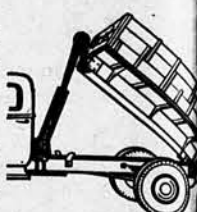
Shorn wool production in Kansas this year is estimated at 3,151,000 pounds. According to the State Board of Agriculture and the U. S. Bureau of Agricultural Economics this compares with 1952 figure of 4,007,000 pounds and the 10-year (1942-51) average of 4,243,000 pounds. The 1953 reduced figure is result of a sharp decline in number of sheep shorn and a slight decline in average weight per fleece.

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WAGON  
BOX**  
Cut costs with this heavy-duty, grain-tight, all-steel box. 175 bu. capacity. Sliding dump chute. Side-removable. Side-board corner brackets available.

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FREE FOLDER  
TODAY!**  
**WINPOWER**  
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**JUST A MINUTE  
to Replace Damaged  
HOSE LINES with**



To make your own hose lines, cut bulk hose to required length and attach reusable fittings.

Available at your Dealer

**AEROQUIP CORPORATION**  
JACKSON, MICHIGAN



## Sedgwick Is Champion District In Statewide Conservation Program

KANSAS' CHAMPION soil conservation district and 3 outstanding farmers for 1953 have just been named by the Goodyear Tire & Rubber Co., sponsor of a national soil conservation awards program.

Sedgwick soil conservation district is winner of first place. Members of the district governing body are Roger W. Lemon, chairman, of Viola; R. L. Rich, of Valley Center; Louis J. Sittler, of Goddard; Lawrence Rittenoure, of Wichita and John Farmer, Jr., of Viola.

The 3 outstanding farmers selected by the winning district are Carl Gorges, of Andale; William Bertholf, of Wichita and Charles Leis, of Viola.

The 8 men named will be honored at a statewide luncheon at the Jayhawk hotel in Topeka on October 6, and early in December will be guests with champions from 8 other states on a vacation outing to Wigwam guest ranch at Goodyear Farms, Litchfield Park, Arizona, as a reward for their outstanding soil conservation achievements.

Members of the judging committee who selected the winners, all prominent in Kansas conservation activities, are R. C. Lind, chairman, Extension soil conservationist; F. DeWitt Abbott, assistant state conservationist; Donald Christy, chairman, State Soil Conservation Committee; Nathan K. Babcock, chairman, Brown County Soil Conservation Committee and C. C. Cunningham, chairman, State Association of District Boards of Supervisors.

Second place district honors were won by Clay district. Governing body members are Fred Meek, chairman, of Idana; Ross Blake, of Oak Hill; Charles C. Down, of Clay Center; Dale Gerardy, of Green and Orville Hughes, of Broughton.

The 3 outstanding farmers of second place Clay district are Gail Bauer, of Broughton; Kenneth Blake, of Oak Hill and Leo Sannerman, of Palmer.

Summer district placed third. District governing body members are Harold E. Lange, chairman, of Conway Springs; R. O. Evans, of Wellington; William Emmett Williams, of South Haven; Lloyd R. Shoup, of Udall and M. W. Martin, of Caldwell.

Top farmers of the third place Sum-

ner district are Robert A. V. Walcher, of South Haven; Boyd E. Poovey, of Oxford and Edwin C. Baker, of Caldwell.

Forty-six of the state's 103 organized soil conservation districts were entered in the competition. Factors considered in the judging included accomplishments in the areas of education, planning, promotion and practice of conservation methods during the year between July 1, 1952 and June 30, 1953.

At the luncheon in Topeka October 6, the 8 men named for grand awards will be presented with individual bronze plaques as a permanent symbol of their achievement. Single bronze plaques will be presented to the second and third place districts.

### Name a Kansan

A Kansan, Harvey G. Bobst, of Almena, has been named acting director for the Northern Plains region of the USDA Soil Conservation Service. Headquarters are at Lincoln, Nebr., and includes Kansas, North and South Dakota, Montana, Wyoming, and Nebraska. Mr. Bobst is a Kansas State College graduate of 1932. He has served on the State Board of Agriculture and the State Highway Department in addition to farming and ranching just before joining the SCS in 1934.

### Kansans Place High At Rodeo Event

Two Kansans placed high in rodeo competition at recent Cheyenne, Wyo., 57th annual Frontier Days. Gale Orr, Topeka, placed first in bareback riding, won \$689. Gerald Roberts, Strong City, got \$482 second-place money in Brahma bull riding.

### Active Cowboys

Oldest cowboy in Phillips county, I. C. "Irv" McDowell, 94, rode in the opening day parade at the Phillipsburg Rodeo this year. One hundred cowboys from 9 states took part in the annual rodeo, July 31 to August 2. These states



"The reason we can sell at such a ridiculously low price is the mud doesn't cost us anything."

competed: Kansas, Missouri, Oklahoma, California, Nebraska, Texas, Iowa, Arizona and Illinois.

### Aid Swedish Farming

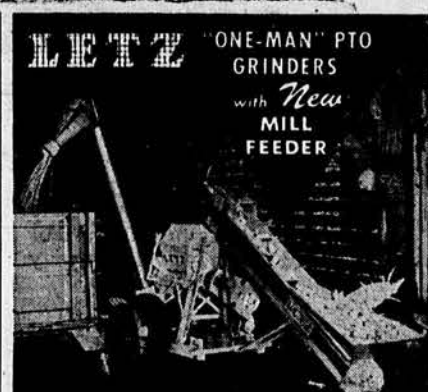
Sweden's agricultural minister, Sam B. Norup, recently inspected agricultural research work at Kansas State College. He commented on the good contact between research and farmers to put research to practical application. Kansas agricultural methods in Manhattan and other areas of the state were studied, to aid Swedish farming.

### Goes to New York

Former editor of Kansas Agricultural Experiment Station and journalism staff member, Paul Dittmore, is moving from Minneapolis, Minn., to New York. In Minnesota he has been editor of Northwestern Miller and feed and milling trade journals. His firm has transferred him to New York to their advertising sales and editorial offices.

### Aids Polio Fund

The "dow"—unusual calf-deer animal born in Kansas and described in August 1, 1953, *Kansas Farmer*—is aiding a polio fund. Visitors at the Tom Fulton farm pay a charge of \$1 per car and money is turned over to the Jewell county polio fund.



**Save half grinding time and work**  
New feeder saves lifting tons of feed. Handle feed only once, from crib to grinder to truck. Get away from feed dust, around the mill and in the feed. For MORE PROFITABLE feed preparation use a Letz—the slow-speed, cutting-type grinder that *granulates or cracks* for ruminants or *pulverizes* for pigs or poultry. With heavy-duty PTO drive, new Letz mills in three sizes, grind feed FAST and better.

**Excels in Earning Power and Value**  
New swivel head puts feed where wanted. Letz mills, continuously developed since 1884, are used by leading feeders and dairymen everywhere. Write for folder. LETZ MFG. CO. 41 N. ROAD CROWN POINT, IND.

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Shelled Corn, Soy Beans, Wheat, Oats — and Other Small Grains

Portable All Steel  
**MULKEY**  
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• Portable • Balanced • Double Trough • Custom Built  
**12-MONTH ALL-PURPOSE USE**  
HEAVY DUTY FEATURES—14 gauge steel trough • 18 in. across trough • 6 in. straight sides • No. 55 double chains • 4 & 8 ft. sections for desired lengths • 8 ft. spring lift drag or gravity hopper (extra). Standard Equipment includes roller chain speed reduction, motor mount with belt release, "built-in" power take-off, shelled corn screen, safety slip clutch. Ready To Operate Except For Power.  
Write today for FREE literature and prices.  
**SAM MULKEY COMPANY**  
1621-N9 Locust Kansas City 8, Mo.

## CAROLYN ENJOYED "NO MONEY" AUCTION



CAROLYN GUARD, secretary of Asherville Achievers 4-H Club, Mitchell county, looks over some Herefords in CK Ranch pens prior to the annual "No Money" Auction held at the ranch, at Brookville, July 25. She was one of 40 successful bidders of a group of 66 from 8 states. Got a Hereford calf. She has taken 4-H beef project 7 years.

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CENTRIFUGAL and TURBINE PUMPS FOR IRRIGATION

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

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AUTOMATICALLY — QUICKLY — SILENTLY!

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That's Thermostatically Controlled

Kill Flies, Mosquitoes, Palmetto Bugs, Ants, Beetles, Gnats, Flying Moths and hundreds of other destructive and disease bearing insects DEAD "in their tracks". The wonderful new SIBCO VAPORIZER protects from these pests "at all times". People can now come and go without being annoyed by these dreadful insects—once the SIBCO VAPORIZER gets started. This revolutionary electric insect killer (with KILTEX tablets) does all the work for you SAFELY, INVISIBLY, ECONOMICALLY, INCONSPICUOUSLY. Just plug in the cord—"presto!" the SIBCO VAPORIZER goes to work quietly giving off the vapors which destroy insect pests.

**NOISELESS . . . STAINLESS . . . ODORLESS**

Throw out that old fashioned fly paper, spray gun, fly swatter, insecticide bomb, etc. Sit back—relax—let the SIBCO VAPORIZER kill automatically those insects that enter your quarters. You can't afford to be without this continuous protection. SIBCO VAPORIZER plugs into any 110 volt AC or DC outlet, on just 10 watts of current. Completely effective up to 15,000 cubic feet.

**THOROUGHLY TESTED**

Recommended for business establishments, farms and wherever the nuisance and menace of flies, bugs, insects exist: Bars, Hotels, Commercial Kitchens, Kennels, Motels, Poultry Houses, Printing Plants, Textiles Manufacturers, Theatres, Restaurants, Supermarkets, Bakeries, Groceries, Butcher Shops, Warehouses, etc.

Watch LEKTRON-KIL go to work right in your own home, killing insects "like greased lightning." Don't suffer the annoyance of Flies, Ants, Gnats, Mosquitoes, Silverfish, etc., any longer. Use LEKTRON-KIL in your living room, bedroom, dining room, bath room, kitchen, basement, porch, attic, garage, etc. It's ideal for Cabins, Bungalows, Country Homes, Cabanas.

**CONTINUOUS PROTECTION THROUGHOUT YOUR HOUSE**

Protect your children at play or sleep. Keep those pesky diving Mosquitoes away from your child at all times. Enjoy restful sleep. LEKTRON-KIL assures you of healthful comfort.

**ONE TREATMENT KEEPS YOUR LIVING QUARTERS FREE FROM INSECTS FOR OVER 336 HOURS**

Just plug in LEKTRON-KIL in the electric socket, fill with the enclosed KILTEX. That's All you do. No more flies buzzing. No more Mosquitoes Stinging. Completely harmless. Made especially for home use. Only \$4.98 complete with 3 months supply of KILTEX for 1000 cubic feet. Completely guaranteed for 90 days or your money refunded.

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799 Broadway, New York 3, N. Y.

**ONLY \$4.98**  
COMPLETE READY TO WORK

**"MONEY BACK GUARANTEE"**  
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Please send me the  
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enclosed payment. Send postage prepaid. Send C.O.D. I will pay postman. (Plus postage and handling)  
Check here for refund:  
1 Month Supply \$5c  
3 Month Supply \$9c  
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CITY & STATE \_\_\_\_\_  
Dealer inquiries are invited



## Play and Picnic Together to Keep Your Family Happy

"THE FAMILY THAT PLAYS together, stays together" is an old saying full of truth. Whether your family is playing or picnicking in your yard or home or away, these new ideas may solve a problem on your mind.

**Chalk Talk** is an all-steel blackboard with many uses—children's drawings and games, kitchen reminders, in your office for notes and figuring, in the home for all the family. Can be attached to wall or used on desk or table. Size 13½ inches wide by 18 inches high. FM Products, Dept. 49, Box 516, Fonda, Ia.

**Picnic Kit** is a dandy item for a family picnic. There are 4 pieces each of sectional plates, forks, spoons, knives, mugs, and 2 pint vacuum bottles. Bottom compartment reserved for food-stuffs. Size of case 18½ inches long by 11 high and 6 deep. You'll really like it.



Its all-metal case, with piano hinges, comes with a money-back guarantee. Howard Sales Co., Dept. R-2, Winchester, Tenn. They also have Carya Wood Disks for cooking at picnics. Place over fire to give new flavor to foods. Disks are specially-treated Hickory.

**Tether Tennis**, new family game for the yard, gives plenty of exercise. Re-



quires only 20 square feet of space. Tether Crafts Co., 3320 St. Clair Ave., Cleveland 14, O.

**Fun With Numbers** is a game to help children enjoy arithmetic. Matching problem cards and answer cards do it. Solve the problem, lay down pairs. Invented by a teacher, approved by Chicago Board of Education and others. Ewing Co., Dept. KFMR, 316 S. Rosemead Blvd., Pasadena 10, Calif.

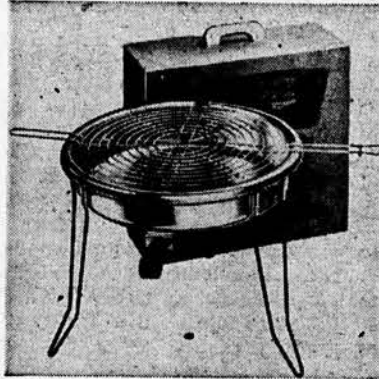
**Hit the Peg** is a family yard game, for folks from 2 to 20 years. Gives healthful outdoor exercise. Includes wooden Paddle Bat and 4 Pegs, in bright red enamel color. Russell Snow Co., Dept. P-77, Waltham 54, Mass.

**Arrow Leather Handicraft Kit** contains entertaining projects to make: cowboy billfold, 4-hook key case, Indian head coin purse, airplane comb case, heart purse with arrow design. Complete with tooling designs, lacings and instructions on how to put to-

gether. Osborn Bros., Dept. K-1, 223 W. Jackson Blvd., Chicago 6, Ill.

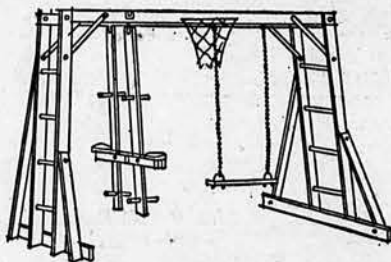
**Roll-A-Hoop** is a sturdy metal hoop with metal guiding rod which is equipped with a starting ramp. Gives plenty of exercise for active children. Use in driveway, yard, playground, on sidewalks. Heaton-Hanset, 6110 SE Powell Blvd., Portland, Ore.

**Picnic Grill** makes family picnics more fun, with better food served. Cook without charring. Cooks for a couple or for



a crowd, with its large 19-inch fire bed. Removable legs fit compactly into firepot. Grid and steak turner of copper-bearing steel wire. Write Alma Wilson, Dept. PG, First National Bank Bldg., Peoria, Ill.

**Gym Set** is a new outdoors and indoors product sure to prove a hit with children. It can be taken apart, put indoors in basement or room in bad weather. Has detachable basketball hoop and bang board, in addition to usual swing



set features. Sturdily designed. Elco Products, 60 Holt St., Dayton 7, O.

### State 4-H Contest Reporters Enter

Here is 5th list of 4-H Club news reporters who have written to *Kansas Farmer* for information on 1953 State 4-H Reporters contest. To each we've mailed one of our "Suggestion Sheets" of stories to prepare.

Larry Hall, Rt. 1, Eureka; Kathy Benest, Rt. 2, Eureka; Betty Fankhauser, Madison; Charlene Esslinger, Virgil; Janice Brooks, Reece; Elizabeth Rader, Star Route, Eureka; Donna Huntwork, Severy; Brenda Fisher, Virgil; Melvin Richardson, Rt. 2, Eureka; Carol Cartee, Rt. 3, Eureka; John Andrews, Piedmont; Dale Baysinger, Madison; Patty Goings, Ruleton; Loren Koester, Ames, and Jo McCabu, Meriden.

Any 4-H reporter in Kansas is eligible to enter the contest, sponsored by *Kansas Farmer*.

### Doctor Gemmell Retires

Retirement is announced of Dr. George A. Gemmell, former head of the home study department in the Extension service at Kansas State College, after 46 years of public educational work. The last 35 years of that period were served at KSC, where he was department head from 1922 to 1948. When he reached 65 years old he gave up administrative duties, but, due to death of his successor, was called back as acting department head until his retirement July 1.



## News of Kansas 4-H Clubs

By GORDON WEST

**RUNNYMEDE RUSTLERS 4-H Club** and **Piloteers 4-H Club**, Harper county, recently held an exchange program. Pat Davis, reporter, writes both clubs presented interesting programs and many friendships were made or renewed. Dorothy VanSike, in training as home agent, was a guest at the meeting. Rustlers members turned about and invited Piloteers to attend one of their meetings.

**Riverview 4-H Club**, Riley county, had an exciting June! Diane Kientz, reporter, writes us that "No sooner had members voted to restore the Moehlman Bottom school belfry (after 1951 flood effects) and place a sign there than the bell was stolen. The school bell had been on the old rock school-house roof more than 100 years."

The 1951 flood destroyed the building, leaving not one visible stone, to show where the school had been. "The belfry and bell on a part of the roof had floated more than 2 miles to the Howard Kientz farm. Here, 4-H'ers had placed it at the end of the Hunters Island road. They planned someday to return it to its original site and build a picnic ground there for the community.

"With the bell gone, 4-H members got busy. . . They went to the newspapers, radio station, the sheriff. One afternoon a week later a car drove into the 4-H leaders' yard, back of the car was opened, the bell was laid on the ground. No questions were asked or answered. Now we will replace the shingles and paint the belfry. . . To others it may be just a bell, but to the Moehlman Bottom community, it means so very much," Diane says.

How would you like to meet youths from 5 foreign countries? This was the opportunity given Joan Radina, Round-Up delegate to Manhattan from Prospectors 4-H Club, Russell county. She talked to IFYE delegates from Sweden, Hawaii, Costa Rica, Portugal and India. She says, "I shall always cherish the happy memories of the good times I had, worthwhile experiences and pleasant acquaintances made while I was at Round-Up." Joan thinks every 4-H'er who attended the 1953 annual convention would agree with her.

**Washington county 4-H Club** members now total 326 boys and girls. There are 186 girls enrolled, and 140 boys in 16 clubs, carrying a total of 599 projects. Clothing is most popular project—140 enrolled. Other projects and total members enrolled: foods, 118; poultry, 34; beef, 43; tractor maintenance, 18; swine, 40; dairy, 27.

**Willowdale 4-H Club**, Republic county, has an extensive safety program this year. Sharon Stephenson, reporter, writes us they've had a safety program in the past, but wanted to improve it and "make it a worthwhile yardstick whereby members might measure their growth in being safety conscious." All families are answering questionnaires on home and farm hazards and making inspections for improvements. At a picnic at Belleville, members put Scotch-o-lite tape on bumpers of members' cars. "Danger" and "No smoking" signs were distributed for farm locations. These are some of their 1953 activities.

**Piloteers 4-H Club**, Harper county, local leader Erwin Davis, attended a recent meeting in Anthony to help

draw up plans for a new dairy project. A local car dealer, Homer Kleier, is sponsoring a heifer project, to further interest of 4-H members in dairying. He will present a heifer to a boy or girl in the county this year following review of application sheets, writes Pat Davis, reporter.

**Blue Hills and Winfield 4-H Clubs** in Osborne county for the second year have held joint monthly meetings. Satire was the theme of the evening's program, with boys talking and demonstrating girls' work, and other humorous numbers. In addition to those numbers and business meeting, program included music, cooking, health, parliamentary practices, group quiz and outdoor games.

In Lyon County, Mrs. Lewis Jones, Admire 4-H Club cooking leader, has fun with her boys' cooking class, learns new things right along with them. Below she is shown with 5 of the first- and second-year boys' classes. Left to right:



Allen Noteman, Kenneth Giger, John Rex Burns, Jim Felkner, and Dick Letellier. Boys are judging muffins and custards, which they made, writes Leanna Boline, reporter.

**Lyonsdale 4-H Club**, Geary county, happily reports 2 new members for the future. Norma Kuhnke, reporter, writes us, "Our project leader, Marvin Poland, and wife are proud parents of a baby boy born June 23, John Arthur, and Mr. and Mrs. Harold Biegert, our leaders, are also proud parents, of Randall Dwain, born July 18."

**Mighty Oaks 4-H Club** in Cloud county are mighty happy with safety activities of their members. Three members—Marcille Campbell, Charles Rodgers and George Larson—placed in top 10 winners in recent Kansas Farm Bureau safety poster contest, in the 14 to 18 age group. Billy Garrison, reporter, writes, "They were the only 4-H members from Cloud county to place. . . We are taking safety as a club project so are very proud of our members."

**Prospectors 4-H Club**, Russell county, knows value of being soil-wise. At a recent meeting, Weldon Branda told 4-H'ers, "Take care of your soil and it will take care of you." He explained how terraces, dams, summer fallow, crop rotation, clover and strip-cropping help conserve soil," writes Kathryn Johnson, reporter.

**Plum Creek 4-H girls** in Cheyenne county proved a cookie sale is a successful idea to raise money. On July 25 they sold more than 65 dozen cookies! "Thanks to the splendid co-operation of parents, friends and others of St. Francis," writes Jane Mills, reporter.



# Classified Advertising Department

**KANSAS FARMER**  
**Classified Advertising**  
**WORD RATE**

per word each issue.  
 Minimum—12 words.  
 Names and addresses are part of ad, thus are  
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**Livestock Ads Not Sold on a Per-Word Basis.**

Column	Cost Per	Column	Cost Per
Inches	Issue	Inches	Issue
1	\$4.90	2	\$19.80
1/2	2.90	3	29.40

Ads are permitted only in Poultry, Baby Chicks,  
 Livestock and Pet Stock Ads.  
 Write for special display requirements.  
 Kansas Farmer, Topeka, Kan.

**BABY CHICKS**

Reds, Hampshires, Wyandottes, \$9.95;  
 Leghorns, \$13.95; Leghorns-Whites, Min-  
 nesotas, \$8.95; pullets \$17.95; Heavies \$7.95; Left-  
 overs \$4.95 up as available. 26 breeds, capons,  
 started pullets, FOB, Alive. COD. Catalog. Bush  
 Hatchery, Clinton, Mo.

**Forest Blueblood Chicks**, broiler and egg  
 breeds. Hatching year around. Broad-breasted  
 Bronze Poults. Guaranteed livability. DeForest  
 Hatcheries, Box E, Peabody, Kan.

**Roller Chicks**, three pounds in nine weeks.  
 White Rocks and New Hampshire Reds, \$11.75  
 per 100. Live delivery guaranteed. St. Clair  
 Hatchery, St. Clair, Mo.

**FUR BEARING ANIMALS**

Chinchillas (not rabbits), registered N.C.B.A.  
 from ribbon winning stock. Reasonable prices  
 and full guarantee. Write for free information.  
 How Chinchilla Farm, Manzanaola, Colo.

Also Mink: Free booklet, pen plans, inside  
 "secrets," feed, care, Mink are money mak-  
 ers. Investigate today. Lawrence Molgard, Brig-  
 am City 55, Utah.

**MACHINERY AND PARTS**

New Picker Sheller Attachment For Dearborn-  
 Woods Bros. Pickers easily installed. Replace  
 present husking bed. No changes on picker re-  
 quired. Comes complete. Can be removed by 4  
 men on husking bed and reinstalled. Makes  
 shelling use of Dearborn-Woods Bros. Corn  
 picker. Use either to snap and husk corn or  
 to pick and shell. Also can be used as stationary  
 sheller. High capacity for picking and shelling.  
 Variable speed V-Belt Drive with ball and roller  
 bearings. Powerful blower on unit to clean grain.  
 Grain is augured into wagon while picking. Cobs  
 left in the field. Saves time, saves labor,  
 saves bin space. You can pick and shell in one  
 operation. Retail price \$396.00 F. O. B. Factory.  
 Fischer-Schmidt Corporation, Industrial Site,  
 Box 158, Columbus, Nebraska. Limited supply.  
 Write or phone 2189 today.

**We Sell Rain!** 20 advanced designs of sprin-  
 klers in operation—Skinner—Buckner and  
 Rainbirds. Webster and Ames pipe—various  
 sizes—skids—pumps by Pacific—Gardner—  
 Carver—Carver and Jason—Canal liners. We  
 have—factory warehouse—retail—wholesale.  
 20 years of irrigation research, experience  
 and engineering. Lodging—meals—personalized  
 service at Conrad's, Gaylord, Kan.

Save 50% on One-way Discs. Adams hard-faced  
 discs stay sharp for the life of the disc.  
 Leakage, scouring difficulties eliminated. In-  
 formation and prices on Adams complete line  
 hard-faced tools furnished free. Adams Hard-  
 facing Company, Wakita or Guyton, Okla.

The New and Used Tractor Parts Catalog.  
 Big 1953 Edition. Tremendous savings for all  
 models. Satisfaction guaranteed. Central Trac-  
 tor Parts Co., Dept. 32, Des Moines 3, Iowa.

Belts cut belting. Hammermill belts. New Hol-  
 land baler canvas. Combine harvest canvas.  
 Heavy water resistant duck. Illinois Canvas  
 Co., Illinois, Ill.

**FARM EQUIPMENT**

**Stoutbilt Sprinkler Equipment**  
**Has-Co Gated Pipe**  
**HASTINGS IRRIGATION PIPE CO.**  
**HASTINGS, NEBR.**

**FARMERS OF KANSAS**

Now, for the first time, you too can easily obtain  
 the top quality Oil Filter Cartridge so popular  
 with the tractor operators of the upper Mid-West.  
 Write today for description and the new farm  
 price sheet.  
 Tractor Sales Co., Box 596, Kearney, Neb.

**Tractor Surplus Sale**—Tremendous savings.  
 Government and excess inventory power plants,  
 hydraulic compressors, pumps, weed sprayers,  
 chain saws, binoculars, tools, hundreds items.  
 Illustrated catalog free. Surplus Center, 877 O  
 St., Lincoln, Neb.

**Do You Know** the advantages of electric fence-  
 ing? Do you know the famous International  
 Electric 106 weed chopper will not short out by  
 itself? Free information is available by writing  
 International Fence Co., Inc., 1105 W. Chicago  
 Avenue, Chicago, Ill.

Farmers sharpen your one-ways and discs on the  
 farm with a Tri-State Disc Grinder. No dis-  
 mantling. Guaranteed Satisfactory or money re-  
 funded. Only \$25.00. Write Hyatt Mfg. Co., Kim-  
 ball, Neb.

**Wire Winder**—Avoid barbed wire entanglements,  
 use a tractor-pulled wire winder. Low cost.  
 Free literature. Midwest Wire, Dept. 28, South  
 St. Paul, Minn.

**Easy Opening Spring Gate**. Stay on your vehicle.  
 pull cable, drive through and pull another  
 cable, gate closes. Dealers wanted. Write for  
 order. Spring Gate Company, Lamont, Kan.

For Sale, '51 Geo Tractor, large gold comet  
 engine. Equipped to plow, mow, and grade.  
 one owner-operator. Priced below Bluebook  
 valuation. P. O. Box 1797, Wichita, Kan.

**HOME HEATING**

Parts for All Stoves, ranges, heaters, furnaces.  
 Fit guaranteed. Write for prices. Give make,  
 model and part number. Omaha Stove Works,  
 Dept. K, 1204 Douglas St., Omaha, Neb.

**DOGS AND SUPPLIES**

Microcollar, new, easiest way to kill fleas. Veteri-  
 nary-approved. No fuss-trouble. Adjustable.  
 easy to put on your dog. Kills fleas, relieves  
 itching torment. Guaranteed effective. Postpaid  
 coin. John A. Lewis & Sons, Rochester 6,  
 New York.

**Good Hunters!** Read a monthly magazine de-  
 voted to conchounds, training, news, stories.  
 6 issues \$2.00. Sample 20c. American Cooner,  
 Box 2118, Sesser, Ill.

**Beautiful Golden Collie Puppies**. Eligible A.K.C.  
 Purebred English Shepherds. Barnes. Collyer,  
 Kennels, Stafford, Kan.

**• LIVESTOCK ITEMS**

Write for Free Literature on Hog Cholera, Swine  
 Erysipelas & Hemorrhagic Septicemia (ship-  
 ping fever). Colorado Serum Co., 4950 York St.,  
 Denver 16, Colo.

**• FARM LANDS**

Good Stock Farm, 800-A. silt loam soil, Webster  
 county, Neb., improved, 65-A. alfalfa, 260-A.  
 farm land, balance pasture, good water, will  
 handle 100 head cattle and lot hogs. On account  
 of fatal accident possession can be had now. To  
 winter 70 head cattle or equivalent, 135-A. of  
 pasture fenced woven wire has good spring. No  
 money down if have stock-equipment to give as  
 security, 10 years time at 5%. Would sell part of  
 land with the improvements. Will sell worth the  
 money. Ernest Yung, Red Cloud, Neb.

1,120 Acres Improved, good 6-room house. 630  
 acres broke heavy black soil, mostly new  
 breaking, 374 acres wheat base, balance pasture.  
 Possession now, one mile off gravel road, 35 miles  
 north Midland, S. D. For man with good equip-  
 ment only, combine not necessary. Please send  
 references. J. J. Lewis, Clarke Hotel, Hastings,  
 Neb.

Cool, Colorful Colorado 50 excellent homesites on  
 famous Gunnison River, 7 miles north of  
 town on paved highway. Fishing at your front  
 door, golf, horseback riding, mountain motor-  
 ing—unexcelled recreational facilities. Elec-  
 tricity available. Write M. J. Verzuh, Manager,  
 Jack Wehner Land Offices, Gunnison, Colo.

Beautiful Dakota combination ranch and wheat  
 farm, 5,009 acres, 2,200 acres wheat land. Ex-  
 cellent improvements, all modern. \$25.00 per  
 acre. \$25,000 down with very good terms. Write  
 for USDA production figures and 30 more list-  
 ings. Tex Evridge, Sturgis, S. D.

New Strout Catalog, just out! Farms, Homes,  
 Businesses, 33 States, Coast-to-Coast, 3,298  
 bargains described. Mailed free. World's largest.  
 53 years service. Strout Realty, 20-V West 9th  
 St., Kansas City 5, Mo.

**• FERTILIZER**

**FERVITE FERTILIZERS**  
**HIGH ANALYSIS**

**\$3.42** returned per \$1.00 invested in  
 Fervite. Records from 109 fields.

**GRADES**

15-15-0	10-20-0	10-20-10
8-32-0	8-24-8	

Pellet-Conditioned Plant Foods  
 Distributed by Your Local Dealer

**THE SNYDER CHEMICAL COMPANY, Inc.**  
 P. O. Box 946, Topeka, Kansas  
 Plants conveniently located at  
 Topeka and Hutchinson, Kansas

**• SEEDS**

New Early Kanking seed wheat also Kanqueen—  
 Redjacket—Bluejacket—Supered. Reliable.  
 High Yields—Quality—Fast—Purity—Germination.  
 Write Clarks Blackhill Seed Farms, Sedg-  
 wick, Kan.

For Sale: Choice high altitude western Nebraska  
 certified seed wheat—Cheyenne and Nebred  
 \$2.70—Sloux \$2.90, cleaned and treated—book  
 now. Lee D. Hagemeister, Potter, Neb.

Red Clover 60% Blance Sweet Clover 1953 crop  
 18c pound, 12-foot self-propelled John Deere  
 combine. Fred Hodel, Boonville, Mo.

**• EDUCATIONAL—BOOKS**

**AUCTION SCHOOL** Learn  
 Auctioneering  
 America's Leading Auctioneers Teach You. Stu-  
 dents sell actual Sales. Largest school in world.  
 20 years in operation. Don't be misled. Term  
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**REISCH AUCTION SCHOOL, Mason City, Iowa**  
 Learn Auctioneering. Term soon. Write for cata-  
 log. Missouri Auction School, Box 4746, Kan-  
 sas City, Mo.

Ft. Smith Auction School, Ft. Smith, Ark. Term  
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**• FOR THE TABLE**

**HONEY** **MIXED**  
**FLOWER**  
 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  
 12-lb. Can Mixed (Postpaid to 600 mi.)... 3.50  
 Order Promptly—Supply Limited  
**HAHN APRIARIES, 1715 Lane St., Topeka, Kan.**

**• FILMS AND PRINTS**

Photo Christmas Cards, very personally yours.  
 16 cards and envelopes from your negatives  
 for \$1.00, 100 for \$6.00. Send 35c extra if you  
 enclose a photo. 1 deckledge print on 8-exposure  
 roll 25c, 2 prints each 35c.

**SUMMERS STUDIO**  
**Unionville, Mo.**

Wisconsin Film, West Salem, Wis., include a  
 roll of film, same size you send, with below  
 offers. 8 Beautiful 4x6 glossy enlargements from  
 your 8 exposure roll 40c. 12 snappy 4x4 en-  
 largements from your 12 exposure roll 60c. You  
 must enclose advertisement.

Same Day Service. 8 double-sized jumbo prints,  
 only 40c. Prints sent out same day received.  
 Highest quality guaranteed service. Send 4 dimes  
 (or equivalent) with each roll. MA-Lo Studio 9,  
 Box 238, Jefferson City, Mo.

**20 DECKLEGE REPRINTS 50c**  
 6-8 exposure roll developed and printed 25c;  
 12-exposure, 30c; Jumbo prints, 4c each.  
**TINY'S PHOTO SERVICE**  
 Box 1068-KF Topeka, Kan.

No Charge for developing roll—pay for prints  
 only—Regular size 3c. Jumbos 4c. Refund on  
 prints not good. Established 25 years. Square  
 Deal Photo, Box 1153, Hutchinson, Kansas.

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

12 Jumbos, 35c; 8 Jumbos, 25c; 16 Jumbos, 50c,  
 from roll or negatives with this ad. I. Skrud-  
 land, Lake Geneva, Wis.

**• AGENTS AND SALESMEN**

Make Money selling ties. Buy direct from manu-  
 facturer. Write to Phillip's Neckwear, 20 West  
 22nd, Dept. 226, New York.

**• PATENTS AND INVENTIONS**

A. H. Sturges, 317 Sunderland Bldg., Omaha,  
 Neb. Registered Patent Attorney, U. S.  
 Patent Office. Procedure information, evidence  
 of invention form and patent book sent on re-  
 quest.

**• PLANTS AND NURSERY STOCK**

Strawberry Plants—Hardy northern grown, dou-  
 ble inspected Dunlap, Blakemore, Premier,  
 Giant Robinson, 100—\$1.35; 300—\$3.75; 500—  
 \$5.75; 1,000—\$11.00. Fresh plants, prompt  
 shipment. Iowa Nursery, Farmington, Ia.

**• OF INTEREST TO ALL**

The Biggest Bargain of the Year! Now you can  
 subscribe to Country Gentleman, the nation's  
 leading general farm magazine, for 17 full months  
 for only \$1—little more than 5c a copy! Authori-  
 tative articles on livestock, poultry, crops, dairy,  
 plus hundreds of profit-making, cost-saving  
 ideas. Four separate geographic editions cover  
 the latest news of your local markets, problems,  
 conditions. Country living section offers features  
 on home remodeling and repair, style news, gar-  
 dening, foods. Send your dollar today to Curtis  
 Circulation Co., Dept. 943, Independence Square,  
 Philadelphia 5, Pa.

**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, 1715  
 Lane, Topeka, Kan.

**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.

**Outdoor Toilets, Septic Tanks, Cesspools cleaned,**  
 deodorized. Saves digging, pumping. Details  
 free. Solvex, Monticello 6, Ia.

**Leather Jackets Renovated**, expertly, free cir-  
 cular. Berlew Mfg. Co., Dept. 80, Freeport, N. Y.

**• OF INTEREST TO WOMEN**

Satin Remnants—5c each—beautiful colors, wide  
 widths, average 1/2 yard lengths, excellent for  
 patch quilts, dolls, sachets, trimmings. Minimum  
 order 50c plus 10c postage. Adams, 734 Myrtle,  
 Brooklyn, N. Y.

**Thrilling, Profitable Home Business.** Make fast-  
 seller chenille monkey trees, dolls, flowers.  
 Terrific holiday demand. Information free. Velva,  
 Bohemia 2, N. Y.

**Fairmount Maternity Hospital**—Seclusion and  
 delivery service for unmarried girls. Adoptions  
 arranged; low rates; confidential. 4911 E. 27th  
 St., Kansas City, Mo.

**Women make money at home**, spare time. Sew  
 ready cut Rap-A-Round. Easy, profitable.  
 Hollywood Mfg. Co., Dept. AF, Hollywood 46,  
 Calif.

**Send Wool or Wool Rags.** For woollens, batting,  
 blankets. Free circular. Litchfield Woolen Co.,  
 303 N. Sibley, Litchfield, Minn.


**• REMEDIES—TREATMENTS**

Arthritis and Rheumatism sufferers: Read  
 "Crude Black Molasses" by Cyril Scott. One  
 dollar postpaid. Harmony Book Shop, New  
 Castle, Penn.

**Free Book**—Piles, Fistula, Colon-Stomach, as-  
 sociated conditions. Latest methods. Thornton  
 & Minor Hospital, Suite C906, Kansas City 9, Mo.

**• FEATHERS WANTED**

West Chicago Pays More: Get highest cash prices  
 for your goose and duck feathers. Send sam-  
 ple 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.

  
**In the Field**  
**MIKE WILSON**  
**TOPEKA, KANSAS**  
**Livestock Editor**

## See Brahman Cattle At Kansas Fair

The J. D. HUDGINS RANCH, Hun-  
 gerford, Tex., will exhibit 6 head of top  
 Brahman cattle at the Kansas Free  
 Fair, Topeka, September 12 to 17. There  
 is a growing interest in the rugged  
 Brahman and the exhibit should prove  
 interesting to cattlemen and feeders.

Attracting top show herds from the  
 Deep South emphasizes the continued  
 growth of the Kansas Free Fair as a  
 leading show window of the nation's  
 agriculture.

Altho Hudgins will be splitting his  
 show herd in order to compete in the  
 East Texas Fair at the same time,  
 the animals on the Kansas circuit are  
 brothers and sisters of champions with  
 impressive show records of their own.

In addition to the 6 head of breeding  
 stock, the Hudgins exhibit will include  
 2 Brahman crossbred steers. These are  
 2-year-olds, one out of an Angus cow  
 and one out of a Hereford. At present  
 these steers weigh over 1,800 pounds  
 each, having made average daily gains  
 of 3 pounds per day.

Thonyma Triune Duchess, registered Holstein  
 cow in the herd owned by ERNEST A. REED &  
 SONS, Lyons, has just completed a lifetime  
 production record of more than 100,000 pounds  
 of milk on official test with the Holstein-Friesian  
 Association of America. (100,000 lbs. of milk  
 is equivalent of about 47,500 quarts, 4 times  
 production of the average U. S. cow.)

In 6 milking periods, covering a total of  
 2,063 days she produced a total of 101,189  
 pounds of milk and 3,567 pounds of butterfat  
 on 2 milkings daily. Her highest single record  
 was made at the age of 7 years 4 months when  
 she produced 19,763 pounds of milk and 732  
 pounds of butterfat. She has been classified for  
 type and scored "very good."

**NORTHWEST MISSOURI HAMPSHIRE  
 SHEEP BREEDERS** held their ram and ewe sale  
 at the Purebred Livestock Breeders Sales Pavil-  
 ion in South St. Joseph, Mo., August 8. The  
 crowd was larger than at former sales, and  
 average paid was higher than previous sale.  
 Rams averaged \$65; ewes \$40. One ram lamb  
 and one 2-year-old ram was sold and remainder  
 of the rams were yearlings. All ewes were year-  
 ling except one which was a ewe lamb. Top ewe  
 sold for \$60; was purchased by Marvin Bauerle,  
 Fairview. A ram and 2 ewes went to this Kansas  
 breeder. A. F. Hower, Whiting, was buyer of 2  
 ewes. Two rams sold for \$102.50 each which was

sale top. One was a yearling and one was a 2-year-  
 old. The yearling ram went to Mrs. Sally Tom-  
 lin, Las Cruces, N. M. The 2-year-old ram went  
 to J. T. Williams, Hardin, Mo. Seven head went  
 to outstate buyers with rest of the offering go-  
 ing to Missouri buyers.

Bert Powell was auctioneer. F. B. Houghton,  
 Maryville, Mo., is secretary of the Association,  
 and president is Glen Armentrout, Norborne, Mo.

With 13,342 pounds of milk and 503 pounds of  
 butterfat to her credit, Clyde Hill Dora Dolly  
 Rock, a registered Holstein-Friesian cow owned  
 by GROVER G. MEYER, Basehor, has com-  
 pleted a 365-day production test in official Herd  
 Improvement Registry, with the Holstein-Frie-  
 sian Association of America. She was milked 2  
 times daily and was 9 years 6 months of age  
 when she began her testing period. Her record  
 averages about 17 quarts of milk daily for the  
 period covered by her test.

Zarnowski Triune Belle, a registered Holstein  
 cow in the herd owned by CLARENCE ZAR-  
 NOWSKI, Halstead, has further added to her  
 outstanding lifetime production of more than  
 100,000 pounds of milk. Her production records  
 are officially recorded by the Holstein-Friesian  
 Association of America. (100,000 lbs. of milk is  
 the equivalent of about 47,500 quarts, 4 times  
 the production of the average U. S. cow.)

In 6 milking periods, covering a total of 2,004  
 days, she produced a total of 105,991 pounds of  
 milk and 3,192 pounds of butterfat on 2 milk-  
 ings daily. Her highest single record was made  
 at the age of 3 years 3 months when she pro-  
 duced 20,152 pounds of milk and 656 pounds of  
 butterfat. She has been classified for type and  
 scored "very good."

Smoky Hill Ormsby Mazie Patricia, a regis-  
 tered Holstein cow in the herd owned by WIL-  
 BUR C. SLOAN, Cleveland, has just completed  
 a lifetime production record of more than 100,-  
 000 pounds of milk on official test with the Hol-  
 stein-Friesian Association of America. (100,000  
 lbs. of milk is the equivalent of about 47,500  
 quarts, 4 times the production of the average  
 U. S. cow.)

In 7 milking periods, covering a total of 2,514  
 days, she produced a total of 108,537 pounds  
 of milk and 3,691 pounds of butterfat. Her high-  
 est single record was made at the age of 6 years  
 10 months when she produced 17,206 pounds of  
 milk and 608 pounds of butterfat on 2 milkings  
 daily. She has been classified for type and  
 scored "very good."

Our office has received the sad news of the  
 passing of our good friend and co-worker COL.  
 CHARLEY COLE, Wellington, prominent live-  
 stock auctioneer. Mr. Cole passed away at a  
 Wichita Hospital, August 1. We have worked for  
 many years beside him and was never more  
 privileged to work with a more agreeable per-  
 son. He will be greatly missed among the pure-  
 bred breeders of all livestock. We extend our sin-  
 cere sympathy to his wife and their families.

Locust Lea Prize Petunia, a 5-year-old regis-  
 tered Ayrshire in the herd of JOHN C. KEAS  
 of Effingham, has completed an actual produc-  
 tion record of 11,688 lbs. of 4.6% milk and 534  
 lbs. of butterfat in 305 days on a strictly twice  
 a day milking schedule.

According to the Ayrshire Breeders Associa-  
 tion, this record is equal to 11,758 lbs. of milk  
 and 537 lbs of butterfat when figured to a ma-  
 ture equivalent basis. The record was made in  
 accordance with the rules of the Ayrshire Herd  
 Test Plan.

This program is recognized and used by Ayr-  
 shire dairymen from coast to coast.

The KANSAS YORKSHIRE BREEDERS AS-  
 SOCIATION, Inc., sale at Abilene, August 14,  
 was well attended. Thirty-four animals were  
 sold for an average of \$96.61. Wilson E. Field,  
 Tecumseh, Neb., consigned the top-selling ani-  
 mal, going to Charles H. Becker, Cawker City,  
 for \$117.50. There was no show held prior to the  
 sale, but Geo. Wm. Burkholder, Secretary, Abi-  
 lene, reports a nice rain 2 nights before the sale.  
 Henry M. Peters, Jacksonville, Ill., was auc-  
 tioneer.

The NEBRASKA REGISTERED SHEEP  
 BREEDERS ASSOCIATION held their sale  
 August 7, at Lincoln, Nebraska., of Hampshire,  
 Shropshire, Corriedale, Southdown and Cheviot  
 sheep. Frank K. Havlik consigned the top-selling  
 ram, going to the University of Nebraska for  
 \$250. Two tops were reached of \$90 each by B. B.  
 Bourn, Cozad, Neb., on Corriedale ewes. Tommy  
 Dean, sheep herdsman of Kansas State College,  
 was judge of the show prior to sale. Professor  
 of animal husbandry of University of Nebraska,  
 M. A. Alexander, was show superintendent.

Gateway Malden, 3-year-old Registered Ayr-  
 shire in the herd of CHESTER O. UNRUH, Hills-  
 boro, has completed an actual production re-  
 cord of 9,788 of 4.3% milk and 420 pounds of  
 butterfat in 305 days on twice-a-day milking  
 schedule of the Ayrshire Breeders Association.  
 This record is equivalent to 10,659 pounds of  
 milk and 457 pounds of butterfat when figured  
 on the Mature Equivalent basis. This record was  
 made in accordance with the rules of the Ayr-  
 shire Herd Test Plan.

Al Ayr Lilly, a 3-year-old registered Ayrshire  
 in the ALLEN N. UNRUH herd, Hillsboro, has  
 completed an actual production record of 11,140  
 pounds of 3.8% milk and 402 pounds of butter-  
 fat in 305 days on a strictly twice-a-day milking  
 schedule of the Ayrshire Breeders Associa-  
 tion. This record is equal to 12,198 pounds of  
 milk and 440 pounds of butterfat when figured  
 to a Mature Equivalent basis. The Ayrshire  
 Breeders Association Herd Test Program is re-  
 cognized and used by Ayrshire dairymen from  
 coast to coast.

With 13,434 pounds of milk and 546 pounds of  
 butterfat to her credit, Bo Lan Mattie Maudline  
 Fobes, a registered Holstein-Friesian cow owned  
 by HUGH BOWMAN, Larned, has completed a  
 260-day production test in official Herd Improve-  
 ment Registry of the Holstein-Friesian Associa-  
 tion of America. She was milked 2 times daily,  
 and was 3 years 2 months of age when she be-  
 gan her testing period. Her record averages  
 about 24 quarts of milk daily for the period cov-  
 ered by her test.

E. E. SCHMIDT, El Dorado Springs, Mo.,  
 is buyer of a half interest in one of the featured  
 sires at Joe O'Bryan's O'Bryan Ranch, Hiattville,  
 according to a report of the recently completed  
 transaction.

The bull involved in the negotiation is HHR  
 Mischief Advance 36th, a stylish member of a  
 prominent Polled Hereford family. The coming  
 3-year-old was sired by Mischief Advance, the  
 great breeding bull in the herd of Halbert &  
 Fawcett, Sonora, Tex., and Miller, Mo. Himself  
 a son of a national champion, he sired the cham-  
 pion and reserve champion bulls at the 1951 Na-

(Continued on next page)



## 4E RANCH HEREFORD SALE SEPTEMBER 15TH—Night Sale



Sale at 7:00 P. M.  
following the Here-  
ford judging at the  
Topeka Free Fair,  
the day of the 15th.

At the ranch,  
5 miles South and  
1 mile West of  
**TOPEKA,  
KANSAS**

Featuring the Get and Service of **REAL PLATO DOMINO JR.**  
"The Former World's Record Selling Polled Hereford at \$43,500.00"

### SELLING 56 HEAD

12 BULLS, eight of them yearlings and four are calves. There is good breeding behind them . . . and are herd bull prospects. Nine of them are sons of our Prince Plato, a bull that has sired some of our best calves. 44 FEMALES, thirty of them will be bred to Real Plato Domino Jr. They are not fitted, but you'll find them in good breeding condition. The younger heifers are the kind breeders want for replacement or foundation stock, and the older cows have good production records behind them. 17 dehorned heifers are included in this offering. **SPECIAL OFFERING!** You can take your pick of the calves on the ground sale day, sired by Real Plato Domino Jr. Only one will sell, but the buyer selects from all of them.

Free delivery of cattle purchased up to 500 miles.

Write now for your catalog to  
**PHIL SANDERS, Sale Manager, Miller, Kansas**  
or write directly to the ranch,  
**ALLEN ENGLER & SONS, TOPEKA, KAN., Route 1**

Gene Watson & Freddie Chandler, Aucts. Mike Wilson for Kansas Farmer

## VIC ROTH POLLED HEREFORD DISPERSION

September 14, 1953—1:00 P. M.

Selling at the ranch 3 miles west on U. S. 40 and 2 miles north of

**HAYS, KANSAS**

SELLING 106 LOTS

126 HEAD—21 Bulls—85 Females

Selling 3 Herd Bulls. 43 Brood Cows with calves by side.  
15 Open Heifers.

For catalogs write **VIC ROTH, Owner, Box 702, Hays, Kan.**  
Freddie Chandler, Auctioneer Mike Wilson for Kansas Farmer

## POUNDS OF BEEF!!

You Get It in the **SHUMAN SHORTHORNS** That Sell  
**Monday, October 5th, Deer Trail, Colorado**

SALE AT 12:30 P. M.

SELLING 97 HEAD

67 Registered — 30 Commercial

8 Bulls, including Leader's Guard 2nd, the 1952 Omaha reserve grand champion. 59 Reg. Females, 15 heifers are daughters of Marelbar Courageous and Leader's Diamond. 30 head of commercial Shorthorns, including 20 outstanding steer calf prospects suitable for 4-H and FFA projects.

Here is a top set of registered and commercial Shorthorns featuring the most popular bloodlines of the breed and including animals carefully selected to make fast and economical gains and of the type and conformation to meet quality requirements.

For catalog and other information address:

**MERVIN F. AEGERTER, Sale Manager, Seward, Nebr.**

**JOHN F. SHUMAN, Owner, DEER TRAIL, COLORADO**

(Ranch location 59 m. southeast of Denver, Colo., or 1 m. west, 4 m. south of Deer Trail, Colo.)  
Auctioneer: Ernie Sherlock, St. Francis, Kansas

## REGISTERED POLAND CHINA BOAR & GILT SALE

September 24, 1953 — 1:00 P. M.

At the farm, 2 miles north of Spring Hill, Kansas

16 BOARS & 24 OPEN GILTS



They are the smooth, long bodied kind, extra clean heads, the real lean meat type. Sired by B-Lucky, our 800-pound herd sire. He is from the Frank Hall herd, Ashton, Ill. Sired by Super A, he by Grade A, the Emmert herd sire of Mason City, Ia., he was reserve grand champion boar of Iowa in 1952. Out of sows sired by B-Lucky, All Block, Manchu's Pride and Sparkle. Double immune.

4-H or FFA Members purchasing gilts in our sale, we will breed them free of charge to our new herd boar.

See our herd at the Topeka Fair. Write for catalog.  
**GLENN F. WISWELL & SON, Spring Hill, Kansas**  
Auctioneers: Mike Wilson and C. A. Brink

## Livestock News

(Continued from preceding page)

tional Polled Hereford Sale at Louisville, Ky. "The 36th" was bred, calved and raised in the Halbert & Fawcett herd and was purchased by Mr. O'Bryan at the Halbert & Fawcett firm's 1953 sale at the Miller, Mo., ranch, last March 9, on a bid of \$2,250.

At the O'Bryan Ranch, "the 36th" fitted well in the large O'Bryan breeding battery, siring calves that will be named the O'Zato Anxiety and the O'Bopnie Zatos. In the half interest agreement reached between Mr. O'Bryan and Mr. Schmidt, the bull will be shared jointly in their breeding programs.

The half interest price paid by the latter has not been revealed.

With 15,649 pounds of milk and 538 pounds of butterfat to her credit, Smoky Valley Carnation Vale, a registered Holstein-Friesian cow owned by W. G. BIRCHER & SONS, Smoky Valley Farms, Ellsworth, has completed a 310-day production test in official Herd Improvement Registry, of the Holstein-Friesian Association of America. She was milked 2 times daily, and was 4 years 6 months of age when she began her testing period. Her record averages about 23 quarts of milk daily for the period covered by her test.

**REGISTERED HOLSTEIN-FRIESIAN COWS** in Kansas whose recently completed production records were recorded by the Herd Improvement Registry Department of The Holstein-Friesian Association of America are:

Owned by C. A. Johnson, Phillipsburg—Cliff Walker Inka Stella, 438 pounds butterfat, 13,307 pounds milk, 322 days, 2 milkings daily, 1 year 11 months of age.

Owned by Harold R. Kesler, Sabetha—Harlean Bursade Clarice, 527 pounds butterfat, 15,063 pounds milk, 348 days, 2 milkings, 3 years of age.

Owned by Higher View Dairy Farms, Hays—Higher View Lad Pride, 449 pounds butterfat, 10,875 pounds milk, 355 days, 2 milkings, 2 years 10 months of age.

Owned by Quentin J. Kubin, McPherson—Quinn Lynn Triune Frances, 499 pounds butterfat, 13,955 pounds milk, 365 days, 2 milkings, 4 years 7 months of age.

Owned by Lloyd Shultz, Pretty Prairie—Onabank Alpha Triune, 500 pounds butterfat, 14,318 pounds milk, 317 days, 2 milkings, 9 years 7 months of age.

Owned by Albert Ackerman, Sabetha—Ackerman Glenlane Sophia, 657 pounds butterfat, 18,794 pounds milk, 320 days, 2 milkings, 8 years 5 months of age.

Owned by R. C. Beezley, Girard—Beezley Farm Mistress Bertha, 843 pounds butterfat, 20,901 pounds milk, 365 days, 3 milkings, 5 years 2 months of age.

### 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	\$26.00	\$26.00	\$34.50
Hogs	26.10	24.00	21.35
Lambs	22.50	23.25	28.50
Hens, 4 to 5 lbs.	.22	.24	.22
Eggs, Standards	.47	.47	.40
Butterfat, No. 1	.54	.54	.70
Wheat, No. 2, Hard	2.29 1/4	2.28 1/4	2.41
Corn, No. 2, Yellow	1.66	1.63 1/2	1.87 1/2
Oats, No. 2, White	.85	.88 1/2	1.00 1/2
Barley, No. 2	1.25	1.23	1.56
Alfalfa, No. 1	—	30.00	—
Prairie, No. 1	—	25.00	—

## Dairy CATTLE

### GUERNSEY DISPERSAL

September 7, 1953

At the farm, 3 1/2 miles north, 1/4 mile east of

**WILLIS, KANSAS**

5 miles south and 1 1/2 east of Hlawatha, Kan.

35 HEAD

Including cows in milk, open heifers and calves. Many cows at present time producing up to 40 lbs. daily. Also a full line of farm machinery, including AC tractor 1952 model, AC baler 1952 model, new John Deere side delivery rake on rubber, cultivator, plow and etc. About 1,000 bales of alfalfa and Bromegrass.

W. R. PHILLIPS, Owner, Willis, Kan.  
Mike Wilson, Auctioneer

### ENTIRE HERD OF REG. HOLSTEINS FOR SALE

Consisting of 12 mature cows, 6 yearling heifers, also our 2-year-old herd sire who is a full brother to a 1,000-pound record dam.

Dam classified very good. Cows with record up to 504 pounds as 2-year-old in 305 days. Herd average 607 pounds. Marathon Bess Burke breeding, herd classification from good plus up.

Priced reasonable.

Contact **L. C. GUDENKAUF**  
Horton, Kansas

### REGISTERED HOLSTEIN COWS FOR SALE

From Kansas highest proven sires. Also service-age bulls from high H.I.R. dams.

**ST. JOSEPH'S HOME**  
ABILENE, KANSAS

### FOR SALE SEVERAL NICE BULLS

Nearly ready for service, from dams with records from 500 lbs. to 777 lbs. butterfat. Sired by Wisconsin Whitewind, sire of the All-Kansas Junior Get at our last two All-Kansas Black & White Shows at Herington, 1952, and at Kingman, 1953; also First Heifer Calf and Junior Champion at the Hutchinson State Fair, 1952. Prices very reasonable.

H. A. MEIER, Abilene, Kansas

### FOR SALE HOLSTEIN YEARLING BULL

Sire the Challenger, his dam 660 fat, his sire Markmaster Posch, son of the great Corrine. A show calf. Call or write

**MOTT & KANDT, Herington, Kan.**

### 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

## TOMSON BROS. SHORTHORN SALE

at the farm, 4 miles southwest of

**Wakarusa, Kansas, Sept. 26, 1953**

SALE OF CALF CLUB STEERS TO BEGIN PROMPTLY AT 11:00 A. M.



### 50 REGISTERED SHORTHORNS—300 COMMERCIAL SHORTHORNS

100 Shorthorn club steer calves, the sort that develop into winners. 50 Shorthorn heifer calves, outstanding in quality and breeding. 100 choice Shorthorn yearling heifers bred to outstanding bulls. 50 choice Shorthorn 3-year-old cows bred to outstanding bulls. All directly from or descent from cows bred on the Henry J. Brown Ranch at Folsom, N. M., who have used registered Shorthorn bulls for 65 years.

The registered Shorthorn breeding cattle to sell: 20 are outstanding bulls, the tops from our years production, sired by Gregg Farms Commander, Upright's Royal Prince, a grandson of the \$63,000, Imp. Pittodrie Upright, Imp. Moy Bounty and other prominent sires. We have added a few choice bulls from Anoka Farms. Three are sired by their international grand champion, Scotsdale Bombardier. One is Imp. Saitom Lord Starmon, an outstanding dark roan two-year-old by the great sire, Calrossie Good News. Probably the best lot of bulls we have offered. 10 females with large calves at foot and rebred to our herd bulls. 5 bred cows close to calving dates. 5 choice heifers up to breeding ages. All from choice families and strong in blood of former herd bulls, Killlearn Max 104th, Maxwellton Harvester and Proud Marksman.

For catalog write, **TOMSON BROS., Wakarusa, Kan.**

J. E. HALSEY — Auctioneers — C. D. (PETE) SWAFFER  
Mike Wilson for Kansas Farmer



**Beef CATTLE**

# PRODUCTION SALE OF JOHNSON HEREFORDS SALINA, KANSAS September 9, 1953



Sale at 12 noon at the  
Beverly Sales  
Pavilion

**Selling 80 Lots**  
including 26 bulls, ages ranging  
from junior calves to junior year-  
lings.

**ELMER JOHNSON**  
SMOLAN, KANSAS  
Gene Watson, Auctioneer  
Mike Wilson for Kansas Farmer

# MORGAN PRODUCTION SALE Alta Vista, Kansas September 8, 1953

Sale at the farm on Highway 13.

Registered Hereford Cattle  
Poland China Hogs

**ALBERT MORGAN**  
ALTA VISTA, KANSAS  
Mike Wilson, Auctioneer

# POLLED HEREFORD BULLS

For Sale, of serviceable ages.  
GOERNANDT BROS., Ames, Kan.

**FOR SALE — OUR 1953 REGISTERED  
POLLED HEREFORD CALVES**

at the  
**E. R. ROEL RANCH, Moore, Mont., Oct. 31**  
Write Box 886, Lewistown, Mont.

# POLLED SHORTHORNS

Established — 1907  
Banburys over 150 in herd. Cherry  
Hill—Oakwood—Coronet blood. None  
better. For sale: One choice young  
sire, Club calves, bulls and females.  
Some of all ages. Including the show  
herd. No public sale. Prices reduced.  
You can save \$25 to \$100.

**BANBURY & SONS**

Plevna, Kansas  
9 miles southwest of Hutchinson,  
then west 14 miles on blacktop.

# FOR SALE 2 SHORTHORN BULLS

1 red, 1 roan, 17 months of age.  
**EMIL MARLAR, Hamilton, Kansas**

**Dual-Purpose CATTLE**

# High Cattle Prices

will come again. Quality of your herd then  
is determined by the bull you buy now. We  
offer yearling Milking Shorthorns bred for  
correct market type at early age; long life  
of profitable production.

**HARRY H. REEVES**

Route 3  
Hutchinson, Kan.

**HOGS**

**DUROC BOARS** March and April farrow.  
Big—Husky—Fast Growers—Big Litters, from  
champion bloodlines sired by "Mr. Muskie" (1060  
lb. 2-year-old). Buy your choice now and get  
them October 15. "Durocs since 1900."  
**VERN V. ALBRECHT, Smith Center, Kan.**

**SHEEP**

**HAMPSHIRE SHEEP, DUROC HOGS,  
AND MAKING SHORTHORNS**  
Purebred stock. Both sexes. All ages.  
**WILLARD WALDO, De Witt, Nebraska**

## • AUCTIONEERS •

# BERT POWELL

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

# HAROLD TONN

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

**Public Sales of Livestock****Aberdeen-Angus Cattle**

September 21—WRS Angus Ranch, Hutchinson.  
September 24—National Aberdeen-Angus Sale,  
Hutchinson.  
October 7—Kansas Aberdeen-Angus Association  
Feeder Calf Sale, Salina.  
October 27—Penney & James, Hamilton, Mo.  
J. B. McCorkle, Sales Manager, Smithville,  
Mo.

**Hereford Cattle**

September 5—Straight Creek Hereford Farm  
Dispersion & Farm Sale, Whiting, Kansas.  
Vic Roth, Box 702, Hays, Kansas, Sale  
Manager.  
September 7—Lee M. Smith, Claremore, Okla.  
Complete Hereford dispersal.  
September 8—Circle K Ranch and F. L. Robin-  
son, Beatrice, Nebr.  
September 8—Albert Morgan, Alta Vista, Kan.  
September 23—Salina Hereford Sale, Gene Sund-  
gren, Sale Manager, Salina.  
September 26—Frank J. George & Sons, Lebo,  
Kan.  
September 28—4E Ranch, Topeka, Kan.  
October 1—Broken Winecup Ranch, Marion, Kan.  
October 5—Beeks & Cleland, Baldwin, Kan.  
October 7—Brown Bros. & Streeter Funk, Fall  
River, Kan.  
October 10—BK Ranch, Burr Oak.  
October 13—NCK Hereford Association, Belle-  
ville, Kan. Geo. C. Wreath, Sale Manager,  
Belleville, Kan.  
October 14—Sutor Hereford Farms, Plainville,  
Kan.  
October 16—Delford Ranch, El Dorado.  
October 17—CK Ranch, Brookville.  
October 21—Salina Hereford Sale, Gene Sund-  
gren, Sale Manager, Salina.  
October 24—Haven Hereford Association, Haven,  
Kan.  
October 29—Kansas Flint Hills Association, Cot-  
tonwood Falls, Kan.  
November 2—Summer County Hereford Breeders,  
Wellington.  
November 4—Lincoln County Hereford Associa-  
tion, Sylvan Grove, Kan.  
November 6—Cowley County Hereford Breeders'  
Association, Arkansas City, Kan.  
November 9—10—Sunflower Futurity, Hutchin-  
son.  
November 11—W. H. Tonn & Son, Haven, Kan.  
November 18—Bellyacres Ranch, Paxico.  
November 23—Solomon Valley Hereford Associa-  
tion Sale, Osborne, Kan.  
December 4—South Central Hereford Associa-  
tion, Newton, Kan.  
December 16—Salina Hereford Sale, Gene Sund-  
gren, Sale Manager, Salina.  
January 23—Walnut Valley Hereford Ranch,  
Waite Bros., Winfield, Kan.

**Polled Hereford Cattle**

September 14—Vic Roth Polled Hereford Disper-  
sion, Hays.  
September 15—4E Ranch, Allen Engler & Sons,  
Topeka, Kan. (night sale).  
September 17—Joint herd sale at Fairbury, Ne-  
braska. Ed Valek & Son, Donald R. Goodger,  
and E. C. Nesmith & Son.  
September 25—Ridge Road Cabin Registered  
Polled Hereford Complete Dispersion Sale,  
(Ray McNally & Paul Gildwell), Milan, Mo.  
Don J. Bowman, Sale Manager, Hamilton,  
Mo.  
October 3—Midwest Polled Hereford Association,  
Deshler, Nebr.  
October 12—Perry Hedrick & Sons Registered  
Polled Hereford Production Sale, Anit, Mo.  
Donald J. Bowman, Sales Manager, Hamil-  
ton, Mo.  
October 26—Walbert Ravenstein, Adams, Kan.  
October 31—Leo Ebel & Son, Wamego, Kan. and  
W. R. Zimmerman & Son, Alta Vista, Kan.  
Sale at Alma, Kan.  
November 2—Frank Matheson, Natoma, Kan.,  
and Jake Reich & Son, Paradise, Kan. Sale  
at Natoma.  
November 7—O'Bryan Ranch, Registered Calf  
Sale, Hiattville.  
November 17—O'Bryan Ranch Polled Herefords,  
Hiattville.  
November 20—Central Kansas Polled Hereford  
Association, Herington, Kan. O. J. Shields,  
Sales Manager, Lost Springs, Kan.  
November 21—Jesse Riffe & Sons, Enterprise.  
November 30—Kansas Polled Hereford Associa-  
tion, Vic Roth, Sale Manager, Hays.

**Holstein Cattle**

September 28—Nebraska Holstein Breeders As-  
sociation, Seward, Nebr. T. Hobart McVey,  
Sales Manager, Nickerson, Kan.  
October 14—Laurence J. Hoover Dispersion, Junc-  
tion City, Kan.  
October 21—Kansas Holstein Breeders Associa-  
tion, Herington, Kan. Roy Chamberlain,  
Chairman sales committee, Olpe, Kan.  
October 23—Missouri State Breeders' Associa-  
tion, Lee's Summit, Mo. T. A. Burgeson,  
Sales Manager, Grandview, Mo.  
October 28—North Central Kansas Holstein  
Breeders Association, Washington.  
November 4—Central Kansas Holstein Breeders  
Association, Kan. T. Hobart McVey, Sales  
Manager, Nickerson, Kan.

**Guernsey Cattle**

September 7—W. R. Phillips, Willis, Kan.  
October 23—Kansas Guernsey Breeders 11 An-  
nual Sale, Hutchinson, Kan. C. J. Graber,  
Secretary, Route 1, Newton, Kan.

**Jersey Cattle**

October 12—Byler and Weir Registered Jersey  
Sale, Hutchinson, Kan. Sale Manager, John  
Weir, Geuda Springs, Kan.

**Red Poll Cattle**

November 11 & 12—Annual meeting and Na-  
tional Sale, Topeka, Kan. F. A. Sloan,  
Secretary, 3275 Holdrege St., Lincoln, Nebr.

**Shorthorn Cattle**

September 26—Tomson Brothers, Registered and  
Commercial Sale, Wakarusa, Kan.  
October 5—John F. Shuman, Deer Trail, Colo.  
Mervin F. Aegerter, Sale Manager, Seward,  
Nebr.  
October 9—Mid-Kansas Show and Sale, Salina,  
Kan.  
October 14—Feeder Calf Sale, Salina.  
October 19—Shorthorn and Polled Shorthorn  
Sale, Cambridge, Nebr. Thos. Andrews,  
Sale Manager, Cambridge, Nebr.  
November 5—Oklahoma Polled Shorthorn Breed-  
ers' Association, Show and Sale, Woodward,  
Okla. Bill Taggart, Sale Manager.  
November 13—Kansas Polled Shorthorn Sale,  
Hutchinson.  
November 14—Kansas Shorthorn Sale, Hutchin-  
son.

**Milking Shorthorn Cattle**

October 6—Howard R. Lucas, Macksville, Kan.  
Sale at fair grounds, Hutchinson, Kan. C. O.  
Heidebrecht, Sales Manager, Inman, Kan.  
October 30—Kansas Breeders Sale, Hutchinson.  
C. O. Heidebrecht, Secretary, Inman.  
November 12—McPherson County Breeders' Sale,  
Hutchinson. C. O. Heidebrecht, Secretary,  
Inman.

**Hampshire Sheep**

November 20—Northwest Missouri Breeders' As-  
sociation, South St. Joseph, Mo. F. B. Hough-  
ton, Secretary, Maryville, Mo.

**Poland China Hogs**

September 8—Albert Morgan, Alta Vista, Kan.  
September 24—Glenn F. Wiswell & Son, Spring-  
hill, Kan.

**Duroc Hogs**

October 2—Kansas Duroc Breeders' Show and  
Sale, Clay Center, Kan. Dean Bell, Secre-  
tary, Lebanon, Kan.  
October 15—Willis Huston, Americus, Kan.

**Hampshire Hogs**

October 22—C. E. McClure, Republic, Kan. (Sale  
at Belleville fairgrounds.)

**Yorkshire Hogs**

October 3—Geo. Wm. Burkholder, Abilene, Kan.

# THE MIDWEST POLLED HEREFORD ASSOCIATION SHOW AND SALE

**Deshler, Nebraska**

**OCTOBER 3, 1953**

Show will be at 9:00 A. M. — Sale at 1:00 P. M.



# SELLING 45 BULLS AND 15 FEMALES

Consigned by some of most reliable breeders. This offering includes  
some very good herd bulls as well as farm and range bulls of good  
ages. The female offering is of popular bloodlines.

**CONSIGNORS**

Bader, Roy, Burlington, Colo.  
Blazek, F. J. & Sons, Cuba, Kan.  
Claassen Bros., Beatrice, Nebr.  
Claassen, Menno  
Cox, Edgar S. & Sons,  
Guide Rock, Nebr.  
Duey, Fred C. & Sons, Chester, Nebr.  
Doty, W. Lin, Burchard, Nebr.  
Fattig, C. L. & E. M.,  
Cambridge, Nebr.  
Hoops, Rudolph, Byron, Nebr.  
Kuhlmann, Charles P. & Son,  
Chester, Nebr.  
Kuhlmann, Wm. F., Chester, Nebr.  
Kuhlmann, L. H. & W. O.,  
Chester, Nebr.

Madsen, A. R. & Son, Minden, Nebr.  
Psota, R. E., North Loup, Nebr.  
Robinson, F. L. & Son, Inc.,  
Kearney, Nebr.  
Sell, John C. & Jack V.,  
Chester, Nebr.  
Shane, J. C. & Son, Node, Wyo.  
Skucius, Hubert & Son,  
Chester, Nebr.  
Sukovaty, Fred, Plymouth, Nebr.  
Spilker, Wm. H., Dewitt, Nebr.  
Throne, W. C., Chester, Nebr.  
Witt, Albert D. & Sons,  
Syracuse, Nebr.  
Nelson, Carl A., Craig, Nebr.

**Banquet at Deshler, Nebr., the night before the sale.**  
**Get tickets from Jay Beavers, Deshler, Nebr.**

For sale information and catalogs write

**FRED C. DUEY, Sale Mgr., Deshler, Nebr.**

Gene Sundgren, Judge

Charles Corkle, Auctioneer

Mike Wilson for Kansas Farmer



53 Lots

**September 17, 1953 -- 1:00 P.M.**

# 53 LOTS — 65 HEAD

18 bulls, 11 serviceable age  
36 females—13 cows with calves at side, some rebred  
10 bred cows—5 bred heifers—7 open heifers

Offering cattle of popular blood lines from such foundation names as  
Beau Perfect 246th, Domestic Mischief 32nd, Real Plato Domino 63rd  
and ALF Pawnee Mixer 21st.

This bull sells as Lot 1

This bull sells as Lot 14



**SLF Beau Mixer 3rd**

A herd bull prospect. Top son of ALF  
Beau Mixer 40th. Dam is a daughter of  
ALF Beau Rollo II.



**WGF Max Plato**

An ideal herd sire. Well marked, straight  
legs and good head.

Freddie Chandler, Auctioneer

**ED VALEK & SON**  
Walnut Grove Farm  
Wayne, Kansas

**DONALD R. GOODGER**  
Belleville, Kansas

**E. G. NESMITH & SON**  
State Line Farms  
Chester, Nebraska

Write for Information and Catalog

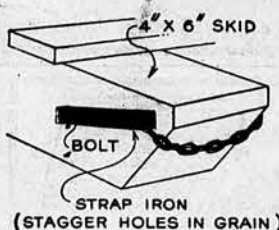




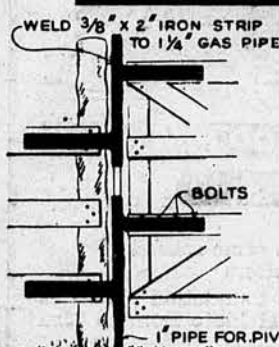
Says Henry Schlothauer, "When I plow, I go down exactly 12 inches!" At the left, he uses a yardstick to prove his point. At the right, he examines his cotton. Picking is in process with two of his cotton trailers.



## You've got to plow 12 inches deep down by the Rio Grande!



"For hog house skid or any skid on heavy movable units, a non-split clevis may be made as shown," says Charles R. Pantenburg, R.F.D. #3, Ames, Iowa. "A chain clevis is attached with heavy strap iron and bolts staggered in grain of wood. With this clevis the runners will not split."



"Strap iron 2\" x 3/4\" welded to a 4\" piece of 1 1/4\" pipe makes a hinge for the heaviest livestock gate," says Ronald Henson, Ree Heights, South Dakota. "Pin hinges together with one piece of 1\" pipe. Bolt to gate and post as shown. May be raised with 1 1/4\" nipple to clear snow and ice in winter. Pull pin to take down."

Henry Schlothauer of Las Cruces, New Mexico, figures a farmer in the Rio Grande Valley really gets a work-out—since he finds it necessary to "Go down exactly 12 inches in this tough adobe soil." But this doesn't faze Henry. He raises cotton and alfalfa on 8 farms, rented and owned! All in all he keeps 440 acres of ground under cultivation—all irrigated land.

Henry averages two bales of cotton to the acre, and last year he made 50,000 bales of alfalfa on his farms and for his neighbors. When he says he works 14 months out of the year—looks as though he means it! But Henry is used to farming and hard work. His father was a farmer, too, and Henry started young!

Henry owns 5 John Deere tractors, two A's—two B's and one C. He says: "I know I'm safe with Conoco oil in the crankcase. With Conoco on the job oil-plating the engines, my tractors are easy to keep in perfect running order. Another thing—it's the only oil I've ever used that stays on the job and does a 100% lubricating job during the quick temperature changes we have in this part of the country."

Don't you agree with Henry Schlothauer that a farmer makes out better in the long run by using the best oil in his engines? If you do—try Conoco! Once you do, you'll be just as loyal a Conoco user as Henry is. Why not phone your Conoco man today?

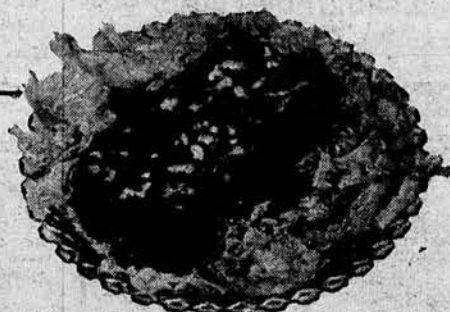
### Cranberry Salad

by Mrs. Steve Paproski  
Route No. 1, Richland, Nebraska

2 cups or 1 lb. of cranberries, ground 1 cup sugar  
3/4 lb. marshmallows 1 pt. whipping cream  
1 cup drained, crushed pineapple

Combine cranberries and sugar. Let stand for two hours. Whip cream and cut 3/4 lb. marshmallows in small pieces. Let stand two hours. Combine the above and add the pineapple. Pour into loaf pan or mold. Let stand overnight in refrigerator. This makes a large salad that will keep for several days in the refrigerator.

**SEND FOR RECIPES!** Send your favorite recipes to Mrs. Annie Lee Wheeler, Dept. E, Conoco Cafeteria, Ponca City, Oklahoma. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.



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