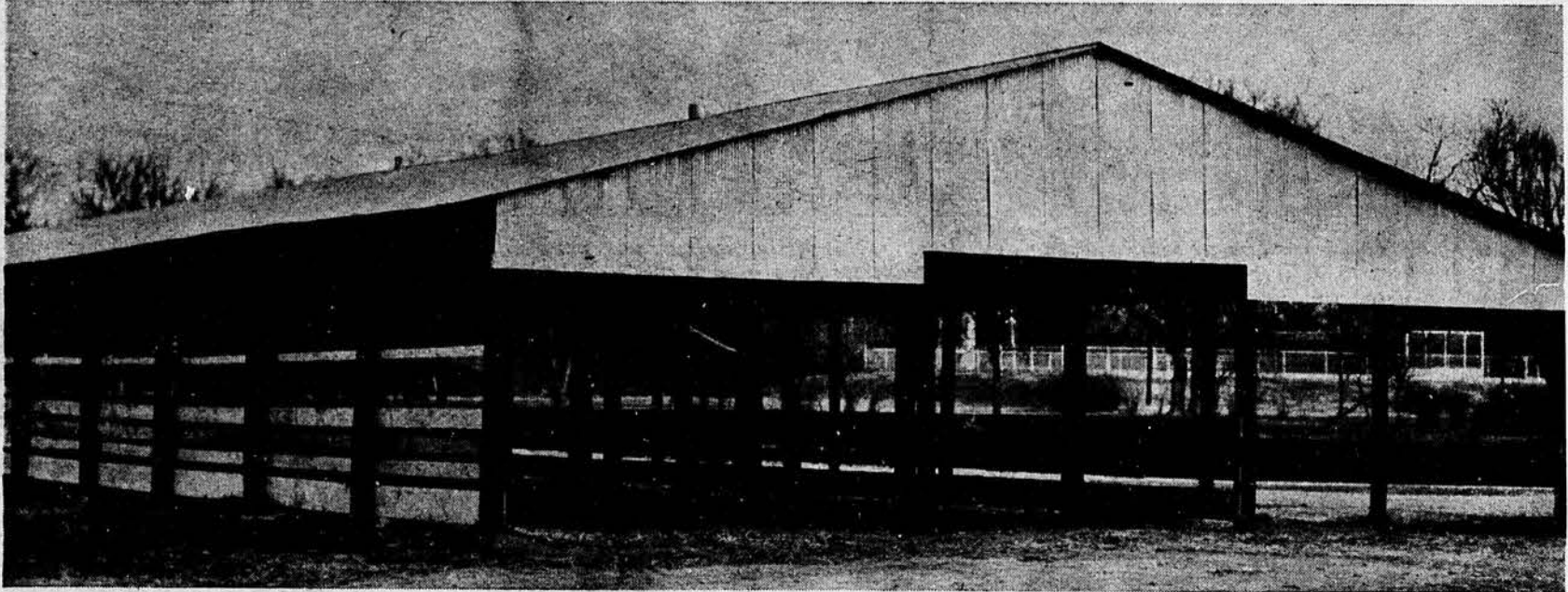


# Kansas Farmer



THIS NEW 4-H livestock building on the Butler County Fairgrounds, at El Dorado, was paid for with funds raised by farm groups.



## Here's How Butler County Fair Got a New Livestock Barn

LAST YEAR Butler county was faced with the problem of needing a new livestock barn for its fairgrounds, but no money was available. In January the Butler County Fair Association met with the county 4-H Club Council and decided to build a 40- by 150-foot pole-type barn on the grounds if enough money could be raised.

As a starter the Fair Association purchased a Shorthorn calf and used it as a prize in a fund-raising campaign that eventually brought in \$1,850. They also set up a public auction to which individuals and 4-H Clubs could donate anything they had to sell. Cash awards were given to clubs turning in the most articles.

When the auction was over the Fair Association gave each 4-H Club fair stock in the same amount its donations brought at auction. Total receipts for the auction were \$549.50 with the Towanda Rustlers 4-H Club winning first prize on donations. El Dorado Boosters were second and Hickory Helpers third. On auction day 4-H Clubs ran concession and entertainment stands that cleared another \$250.57. An additional \$15 in cash donations were received.

As a result of these activities a total of \$2,442 was raised with expenses taking slightly more than \$200 of the sum.

With money in hand, work on the new building was started July 13. Fair association members,

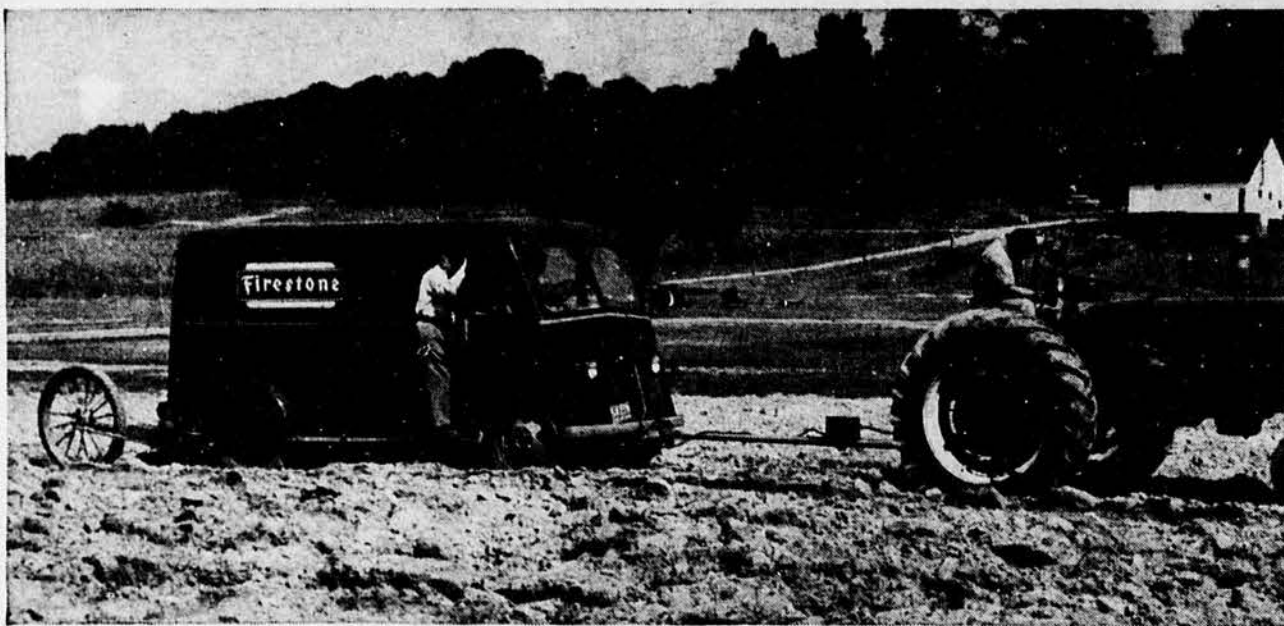
[Continued on Page 26]



WORK FOR NEW Butler county 4-H livestock building was all donated. Here three 4-H'ers, Willard Wiebe, Fremont Regier and John Claassen, get in a few good licks.

- A Better Buy Than Labor ..... Page 6
- Most Interest in Price Supports ..... Page 16
- Weatherproof Living ..... Page 36





On pavement, heavy sod, in wet or dry plowing, this testing unit measures the ability of tractor tires to deliver drawbar horsepower. Repeated tests have proven that no other tractor tire can match the Firestone Champion in pulling and cleaning—on any job—in any soil condition.

## You Get All the Drawbar Horsepower Your Tractor Can Deliver With **Firestone** **CHAMPIONS**

**S**OIL conditions for plowing and planting may vary, but the performance you get from Firestone Champion Tractor Tires always adds up to more work done behind the drawbar.

Tests prove that you get all the drawbar horsepower your tractor can deliver when you use Firestone Champions. The curved and tapered traction bars grip the soil for a firm, sure hold . . . the flared tread openings keep the tire clean . . . and the wide, flat tread always insures full traction contact which means maximum drawbar pull and longer tread life.

Let your Firestone Dealer or Store show you the many other features that help you save money and get more work done.

### Buy Firestone Tires for Every Wheel That Rolls on the Farm



#### FIRESTONE CHAMPION HEAVY DUTY

The new, rugged, low-priced truck tire that is built for all-around farm truck service.

#### FIRESTONE DELUXE CHAMPION

The passenger car tire that is safety-proved on the speedway for your protection on the highway.



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

## Museum Idea Finds Interest

Dear Editor: I am writing to you regard to your idea and editorial regards an agricultural museum. So one of Kansas' greatest resources farming, I believe such a museum would show the great progress which has been made in agriculture in Kansas in the last 75 or 100 years. It would make the tourists visiting here more aware of our state and banish the idea that all of our land has either blown or washed away.

If such a museum is established I would like to donate without charge some old farm tools which I have collected such as rod and mold-board plows, corn planter and an old wooden wheeled cultivator and many other tools. I also have a large collection of small tools and articles found on farms many years ago. I hope your idea is accepted and I hope I may be of assistance to you.—Auswell Stauffer, Barton, Kan.

## A Very Good Idea

Dear Editor: Your recent interest in a national agricultural museum is a very good thing. Of course, I am a college museum staff taxidermist, but I have an active farm interest. A Kansas located agricultural museum would be a fine place to preserve some of our Mennonite ancestor agricultural contributions to this good nation of ours.—Richard H. Schmidt, Canton, Kan.

## USDA Stops Beef Purchasing Program

The USDA beef-purchasing program is discontinued, but purchases of beef for the Foreign Operations Administration will continue. Nearly 250 million pounds of beef were purchased since the program began last spring by recommendation of the National Livestock Advisory Committee to divert some cattle from normal trade channels. About 230 million pounds of meat were used in the school lunch and other programs. The other 20 million pounds were bought for FOIA programs.

## Temporary Pasture Beat Native Grass

Value of good temporary pasture compared to native pasture in summer for dairy cattle was demonstrated in Dickinson county last year.

The tester for the Dickinson County Herd Improvement Association state records of dairymen show 14 herds on temporary pasture had an average turn of \$3.48 for each \$1 spent for feed. Eleven herds on native pasture turned only \$2.43 for each \$1 spent for feed.

## KANSAS FARMER

Continuing Mail & Breeze

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Dick Mann... Associate Editor

Gordon West... Associate Editor

Carl Eiche... Associate Editor

Florence McKinney... Women's Editor

Dr. C. H. Lerrigo... Medical Department

Mike Wilson... Livestock Editor

J. M. Parks... Protective Service

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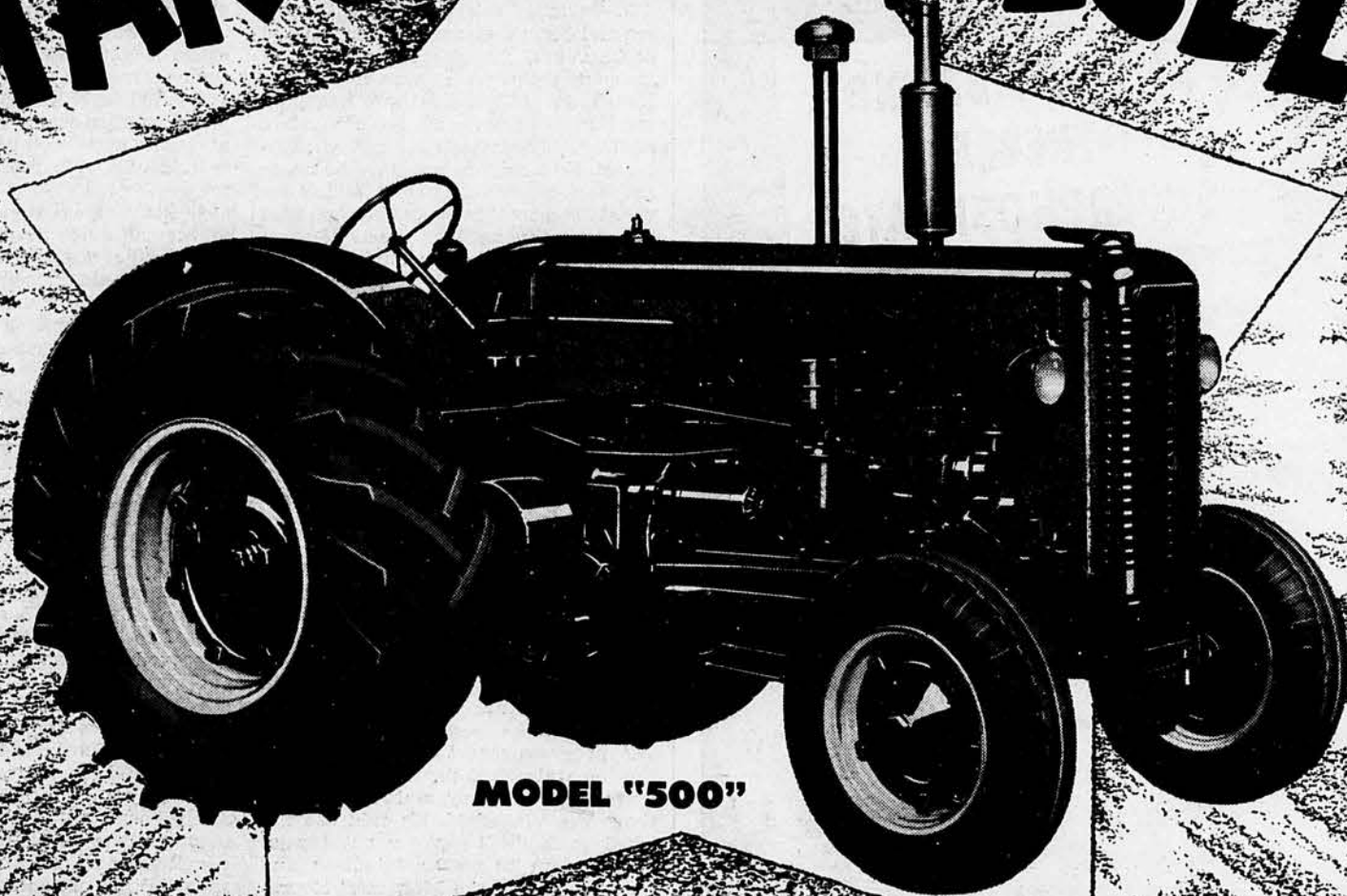
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# STAR OF ALL DIESELS



MODEL "500"

# NEW CASE DIESEL

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... precious hours . . . keep labor and production costs down, stay ahead of your work . . . with this big, fast-stepping 5-plow tractor—the new Case Diesel. Enjoy the ease of Power Steering for short turns and long days, especially in soft or rough ground. Get smooth, quiet power and clean burning at all loads with "Powrcel" controlled combustion. Drill to instant starting directly on Diesel fuel by merely touching a button. See how the 6-point filter system protects against dirt or water in the fuel . . . how the single-plunger injection pump with distributor feeds fuel evenly to all six cylinders. Try the Dual-Valve Constant Hydraulic Control that provides selective action of two portable cylinders . . . Constant Power Take-Off that starts machines before tractor moves, keeps them running when travel stops. Find out about the heavy 7-bearing crankshaft . . . multiple-cylinder heads . . . wet sleeves . . . by-pass cooling system . . . oil-cushioned clutch. Look over its many other features of advanced design that give you new comforts and conveniences. All this, plus economies in maintenance never before achieved in a Diesel tractor . . . make the Case Diesel "500" the star of all Diesels.



See your Case dealer now for a personal demonstration in your own fields. Ask him about big, new Case plows, disks and drills that match the power of today's most complete farm Diesel. Find out also about the new Case Income Payment Plan that helps you pay for your tractor out of your income.

## SEND FOR NEW CATALOGS

Get all the facts and pictures about the new Case Diesel. Mark here or write in margin any size tractor, any kind of implement or farm machine that interests you. Send to J. I. Case Co., Dept. B-474, Racine, Wis.

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### NEW GARFIELD, UTAH \$5,000,000 PLANT IN FULL PRODUCTION

The brand-new Western Phosphates, Inc. plant pictured above at Garfield, Utah, is completed. Equipped to handle bulk and bags, rail or truck shipments, the plant is now delivering long-awaited supplies of Anchor Brand Treble Superphosphate to Western farmers.

ANCHOR BRAND, a symbol of quality and dependability in the West for many years, offers Western agriculture a new and reliable source for high analysis granulated Treble Superphosphate.

COMING SOON; offerings of both Anchor Brand Ammonium Phosphate (11-48) and Liquid Phosphoric Acid 52%, will follow the Treble Superphosphate now being shipped.

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## If You Watch These 5 Points Your Oats Will Do Better

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

OATS PROBABLY have had about as many disease problems as any other Kansas crop over the last several years. For 1954 these items should be kept in mind by growers:

1. Varieties selected by most Eastern and Central Kansas growers should be Cherokee, Nemaha, or the strain of Missouri O-205 which was certified in Kansas in 1953, since these have the most rust resistance, have Victoria blight resistance, and are early in maturity. Kanota does not have as much rust resistance but is early and is favored by some growers. Neosho and Osage are favored by some in Western Kansas where Victoria blight has not been a problem.

2. Proper soil fertility will produce more vigorous plants. If phosphate is needed it will make the oats mature earlier and therefore evade some rust.

3. Proper seed treatment with either Ceresan M or Panogen is recommended to prevent smut and give better stand. This can be done anytime now, should be done at least 24 hours before planting for greatest efficiency. Mix in the drill box is not satisfactory cause it gets too much fungicide on some kernels, not enough on others and is not on the seed 24 hours before planting. Custom treating or treating at home with an auger loader, crete mixer, or barrel treater is satisfactory.

4. Planting early enables the crop to mature as much as possible ahead of rust and hot weather.

5. Some aid in control of red virus, which cut yields some in Kansas in 1951, may be gotten by growing in a field which has not grown oats a few years.

## Watershed Programs Draw Much Interest At Conservation Contractors Meeting

LATEST DEVELOPMENTS in Kansas Watershed Soil Projects were discussed fully at third annual meeting of Kansas Conservation Contractors Association January 21 to 23, at Manhattan. All sessions were held in the Kansas State College engineering lecture hall.

A progress report on legislative action on watershed projects was given by William H. Avery, state representative from Wakefield. He said the finished work "will make a substantial contribution to water detention and conservation in the Midwest." Representative Avery reported that since the 1953 session of the Kansas Legislature (which approved the new Watershed Districts Law, as described in *Kansas Farmer* for April 18, 1953) there are

several watersheds now in the "disposal stage" of setting up the new work. By June 30, some work is expected to be completed in all of the approved watersheds.

George R. Smith, Kansas Watershed Specialist with the Soil Conservation Service, spoke on "Mechanics of Watershed Contracts" and drew interest and several questions from audience of about 200 persons. He described contracts, procedures to follow in submitting bids, exact jobs to be completed in the watersheds, and responsibilities of contractors.

Newly-elected officers include: F. Meier, Hays, president; B. J. Brumel, Garnett, vice-president; J. Engle, Oskaloosa, treasurer, and J. Funk, Manhattan, secretary.

## Dairymen Raise \$80,000 a Year To Advertise Dairy Products

THRU ITS EXPANDED check-off system, the Kansas Dairy Association now is raising about \$80,000 a year for promotion work, it was reported at the annual meeting in Topeka, January 13. Eighty per cent of the money raised goes to the American Dairy Association to support nationwide advertising and promotion work.

More effort will be made this year in Kansas to get producers acquainted with the Kansas Dairy Association and American Dairy Association programs, and to encourage their active participation in the state group's activities. P. D. Turner, Sabetha, was re-elected

president of the Kansas Dairy Association. T. Hobart McVey, Nickerson, elected vice-president, and H. E. Dooley, secretary-manager.

Directors elected were Ransom Nett, Jr., Ottawa, representing independent creameries; Willard Haslam, Topeka, ice cream manufacturers; Fenema, Winfield, milk distributor; and J. C. Page, Coffeyville, condenser. Producers representatives from districts now organized are Max Dyer, Hiawatha; Fred Florey, Lawrence; Ernest Harmes, Thayer; Steele, Jr., Barnes, and Dwight El Dorado.

## WILL EXPLAIN WATERSHED PROGRAM

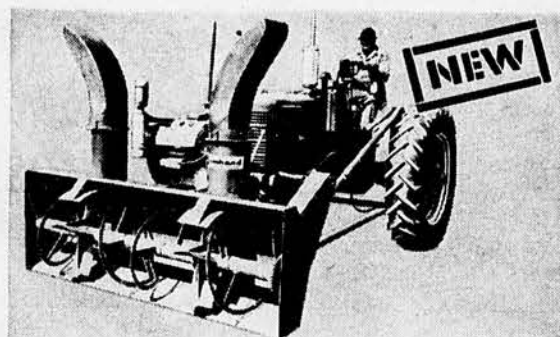
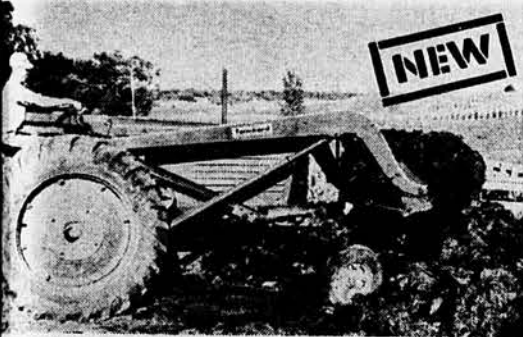
THE SMALL WATERSHED program in Kansas will be the subject for the first of a series of CAPPER FARM EDITOR FORUMS, to be presented both on TV and radio as a further service to agriculture, it is announced by Henry S. Blake, president of the Capper organization.

First simulcast will be Saturday, February 6, at 5 p.m., according to arrangements worked out between WIBW-TV manager, Art Holbrook, and editors of various Capper publications. WIBW's farm director, Wes Seyler, will act as moderator for the forum programs, which will bring out pertinent facts on various farm-interest subjects during coming months.

Representing watershed and conservation side at this first panel February 6, will be Ruben Lind, Manhattan, Extension soil conservationist, and Dewitt Abbott, Salina, assistant state soil conservationist. On the "editorial side" will be Grant Salisbury, associate editor of *Capper's Farmer*, and Dick Mann, associate editor of *Kansas Farmer*, both of whom have studied and reported on various phases of watershed and conservation work. The simulcast will be seen in and around Topeka on Channel 13, and will be heard state-wide on radio over WIBW, 580 on your dial.



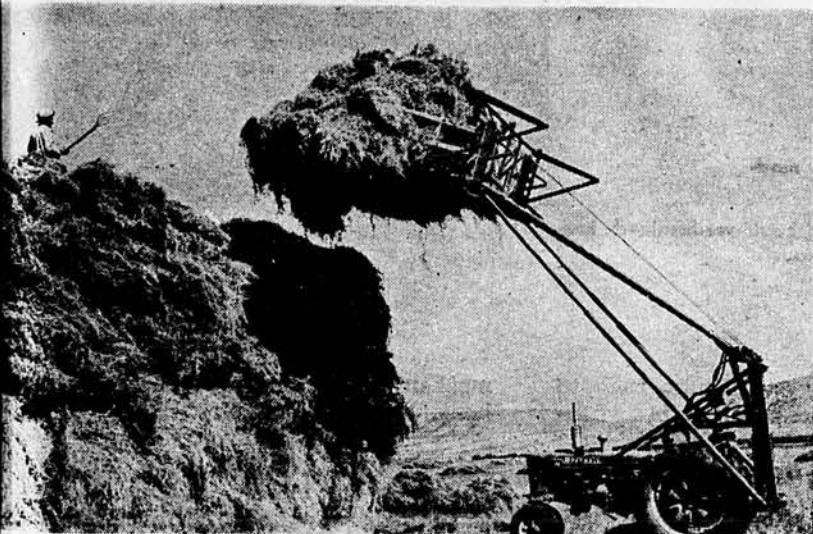
# FARMHAND-rugged, multi-use machines for every farm materials-handling job!



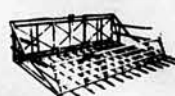
**UNIVERSAL LOADER**—Bigger loads, faster loading with the new Farmhand Universal. Takes a full 14 cu.-ft. bucket-load every time; you get your spreader loaded in not less time. This husky loader fits both wide front and row crop tractors. Heavy box-section arms lift up to 1½ ins. "Full-reach" lift to 12 ft. Hydraulic pitch control, bucket and push-off available soon.

**STANDARD LOADER**—A rugged low-cost loader for year 'round use. The Farmhand Standard is of simple design, sturdy construction, with powerful 1-ton, 12-ft. "full-reach" lift. Easy to attach, fits most row crop tractors. Gravel plate slips on over bucket teeth. 22-cu. ft. Detachable Scoop for snow, ear corn and grains is available for both the Standard and Universal loaders.

**ROTARY SNOW PLOW**—End forever the drudgery of digging out after storms. This modern rotary, priced to fit your budget, clears an 8-ft. path, pitches snow 30 ft. and more. Ribbon type augers keep snow loose and free, twin rotors pitch it away. Mounts on Farmhand Loader or auxiliary mounting. Powered by auxiliary engine or from live-pulley system.



**HAY BASKET**—Big 9'x12' basket handles loose or baled hay easily.



**PUSH-OFF**—Builds stacks 27' high! Separate hydraulic control.



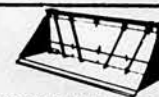
**MANURE FORK**—Full width of loader. Slip-on gravel plate.



**FORAGE FORK**—Sturdy steel teeth make it easy to lift logs, rocks, etc.



**GRAPPLE FORK**—Clutches 1½-ton loads. Breaks frozen stacks easily.

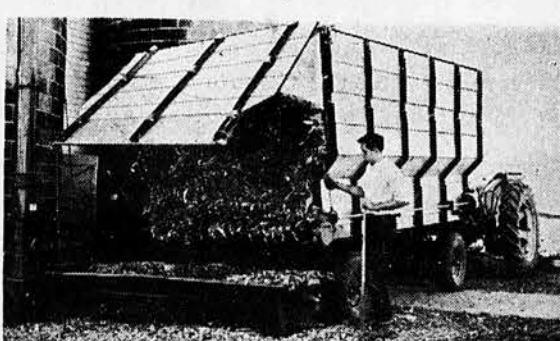
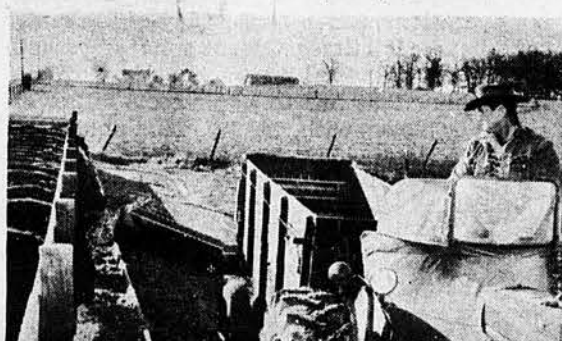
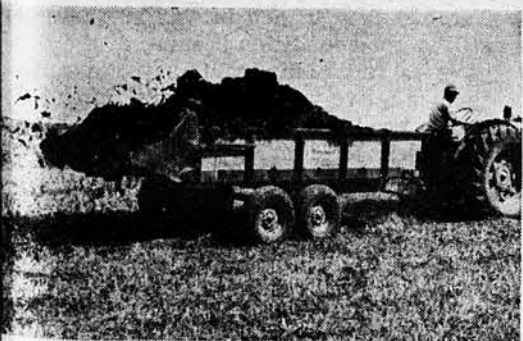


**DETACHABLE SCOOP**—33-bu. capacity. Slips on manure fork. For bulk materials.

**HEAVY DUTY LOADER**—For lowest-cost hay handling plus 50 other farm jobs, the Farmhand Heavy Duty is your best machinery buy. It lifts full 3,000 lb. loads 21 ft. in the air. One-hand control makes it easy to use. The heavy frame, torque tubes and 3-in. lift cylinders are rugged enough to withstand years of hard use. Available with the full line of quick-hitch attachments shown here.



**ALL-PURPOSE SCOOP**—Water-tight, one-piece construction. For grain, snow, etc.

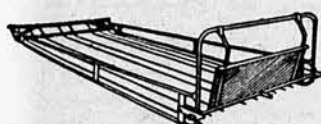


**"POWER-BOX" SPREADER**—The four-in-one Farmhand 4- and 6-ton "Power-Boxes" with Spreader attachments give you big capacity, even spreading and maintenance-free service. PTO-powered, with smooth worm gear driven roller chain conveyor. Power-Boxes mount on truck, trailer or wagon. 6-ton model shown has treated plywood bottom, aluminum sides; 4-ton model has plywood sides.

**"POWER-BOX" FEEDER**—One man feeds a herd with the Farmhand "Power-Box" and Feeder attachment. Saves time and money on both dry and green feeding. Beaters uniformly mix grain supplements and roughage; adjustable conveyor delivers ration into bunks as you drive alongside. 4-ton model shown has auger cross-conveyor; 6-ton model has belt conveyor.

**"POWER-BOX" FORAGE UNIT**—Handle any harvest from field to finish with either the 4- or 6-ton Farmhand "Power-Box" and Forage Sides. Quickly attached flared sides increase capacity of the 6-ton "Power-Box" to 430 bu.—the 4-ton to 285 bu. Fast automatic unloading from PTO at blower or trench silo. Remove sides and you have an All-Purpose Box for grain, corn, other bulk materials.

## OTHER FARMHAND PRODUCTS



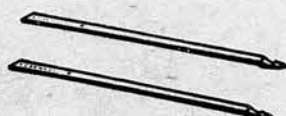
**BALE-BUNCHER**—Bunches or windrows bales. Cuts pick-up costs 35%. Collects 5 to 7 bales—trips from tractor seat.



**RUNNING GEAR**—Rugged, load-tested for strength and stability. Medium and heavy duty sizes... short turns with stability.



**HYDRAULIC FLUID**—Non-foaming... rust-inhibiting. Saves cups, seals, hoses. Flows freely. Winter and summer grades.



**SWEEP TEETH**—Specially-made for Farmhand of straight grain Douglas fir... vernox seal-treated for long life.



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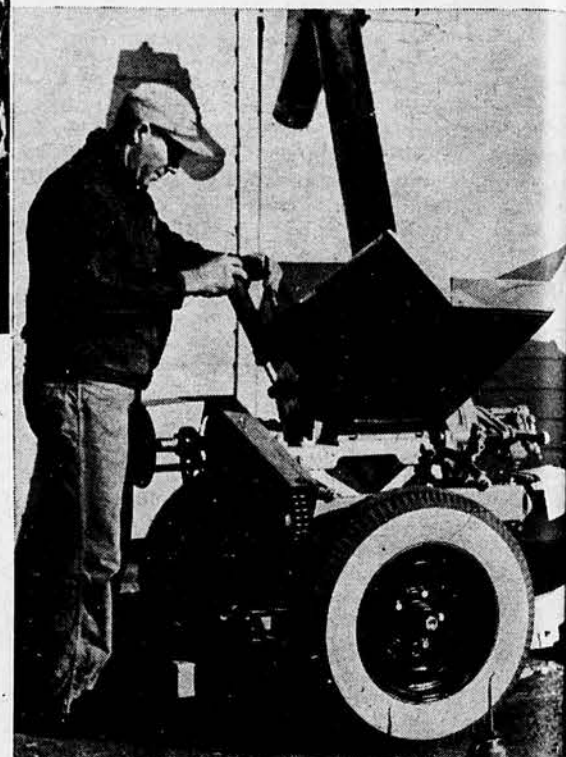
A division of SUPERIOR SEPARATOR COMPANY





**MODERN CORN** pickers, like this one being used by Charles Lohman, Leavenworth county, has taken hard work out of corn harvesting and greatly reduced harvest time.

**PORTABLE FEED** grinders are becoming more popular. Lawrence Holthaus, Nemaha county, says new grinder can be used anywhere in any kind of weather.



## Here's a Better Buy Than Farm Labor

"My new tractor has improvements needed for modern farming"—Guy Griffith

"Couldn't handle farm without modernized machinery"—Lawrence J. Holthaus

"Sprinkler-type irrigation paid biggest returns"—John Stigge

By DICK MANN, Associate Editor, KANSAS FARMER

**I**F YOU ARE LOOKING for ways to hold down costs, don't overlook modernizing your machinery needs. Why? Because U. S. Department of Agriculture figures show farm machinery is a better buy than farm labor.

Using the 1910-14 period as 100, farm machinery prices stood at 312 as of last September 15, latest figures available, while farm wage

rates stood at 514. It is good business, then, to substitute machinery for expensive labor whenever possible.

Guy Griffith and Sons, Nemaha county, who farm quite a lot of land, market around 500 head of hogs a year and feed some cattle, are firm believers in this theory. During their feeding operations, for instance, they can take ear corn, handle it 3 times without doing any scooping. Even their feed wagon is self-unloading. Everything that has to be lifted is either elevated or blown, with gravity doing unloading.

All of the Griffith men are inventors and

mechanics and much of their equipment is homemade but, Mr. Griffith says: "We have more than \$15,000 invested in purchased machinery. We try to keep all of our machinery up-to-date and in new condition. When you go to the field you can't afford to have trouble."

The Griffiths just traded for a new tractor. The one they traded in was 12 years old but still in good condition because of the care they gave it. "But," Mr. Griffith says, "our new tractor has a live power shaft and other improvements needed for modern farming." All the equipment used on [Continued on Page 7]



**ONE OF MOST** valuable implements on Carl Miller farm, Pottawatomie county, is soil packer being operated by Stanley Johnson, a neighbor.



# Kansas Farmer

## News and Comment

### 100-Ton Meat Loss

**AT MIDNIGHT** tonight—that is in a single day almost 100 tons of beef, lamb and pork will have been destroyed, because of someone's carelessness in handling livestock. That 100 tons of meat would be enough to supply the daily needs of half a million people—or, everybody who lives in Kansas City, Kansas and Missouri.

What does this astounding fact mean to you and me? It costs us money, because such loss shows up in live-stock prices. Value of meats to the meat packer is lowered in proportion to the extent of damage. The housewife isn't going to buy inferior meat.

The Agricultural Research Department of Swift & Company lists 10 ways we can help reduce these losses: (1) outlaw clubs and whips because they cause bruises—use canvas slaps; (2) eliminate protruding nails and broken boards; (3) remove machinery from feed lot; (4) cut horns—cut them off! (5) bed a truck properly; (6) check a truck for danger points, such as nails and broken boards; (7) load animals carefully; (8) load animals wisely—use partitions to prevent trampling; (9) protect animals from weather when transported to market and (10) drive carefully.

These "safety" measures for animals will mean more profits from marketing livestock and better products for Mrs. Consumer.

### 4-H'ers Should Know

**TAKE GREAT** pride in the efficient, assembly-line production of industry. Without it, the United States wouldn't be the leading country it is today. And fewer of us would have all it goes to make up our high-standard of living.

Not enough people know, however, of the really important production efficiency of agriculture. Here is a little glimpse of it. Despite the tough conditions in 1953 in some sections of the country—lack of rain—U. S. farmers have equaled 1952 record production in crops and livestock. That means you and other farm-folk produced more than 40 per cent above the 1939 average.

How was this done? Chiefly with higher yields from crops and animals, plus the right use of farm machinery. The U. S. Department of Agriculture notes this great rise in farm output was achieved with fewer man-hours of work. Output per hour of farm work last year was higher than ever—more than 2½ times that of 40 years ago, and about 3 per cent higher than in 1952.

Even with the present high state of farm mechanization," says USDA, "opportunities on

this score and others still exist to cut costs and to reduce labor used in farm operations. Farmers can be expected to take advantage of these opportunities in the years ahead and thus continue to increase farm labor productivity and over-all efficiency in farming."

One good farmer recently remarked, "There's no economy in being without farm machinery that will do the job." Along that line, we invite you to read the article on page 6 of this issue of *Kansas Farmer*. It seems to prove that modernized farm machinery is a better buy than farm labor. And this doesn't discount the importance or value of good hired men. The right equipment in their trained hands has been responsible in large measure for the constant increase in efficiency of farm production.

### Likes to Boost 4-H

**GIVING A HELPING** hand to 4-H Clubs and their members is a favorite part of Associate Editor Gordon West's work on *Kansas Farmer* staff. This is the third year he is co-operating with the State 4-H Office in the State 4-H Club News Writing Contest, sponsored by *Kansas Farmer*. Announcement of the 1954 contest, to improve 4-H public relations, appeared in our January 16 issue. Any reporter in Kansas is eligible to enter the contest.



Gordon West  
Associate Editor

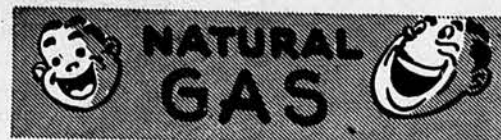
Top prize is a college scholarship. Gordon, state champion 4-H reporter in 1939, is one of 3 judges each year to choose 10 top winners in the state. A former 4-H member in Riley county, he was the first Collegiate 4-H Club member at Kansas State College to be simultaneously elected president of that club, and editor of the *Who's Who*, Kansas 4-H year-book, in 1942.

### Men Are a Road Hazard

**HANG ON** to your steering wheels, men. You are not as safe drivers as the ladies, a couple of them have decided. These 2 women drove a new car across the U. S. to make a safety check. America's No. 1 road hazard, they find, is—men. Not that men are so good looking they attract the attention of women drivers and thus set up an accident trap, either. So don't get puffed up.

Checking every offense as they saw it occur, the 2 women come up with figures on the most frequent offenses committed by both men and women. Here's the score: Speeding, 934 men, 92 women. Passing on hills or curves, 26 men, 1 woman. Following too closely, 30 men, 1 woman. Not signaling properly, 405 men, 110 women. Of the 2,213 violations observed, 1,950 were by men drivers and only 263 by women, the team reports, which is far out of proportion to the national ratio of 7 men drivers for every 3 women behind the wheel.

Now, men, don't say the ladies were prejudiced. They were accompanied on various stretches of the journey by state highway or safety commission officials who made the check with them, the test being sponsored by the Hudson Motor Car Company. Of course, you'll



"How would you like to be a well digger? The more he works the more he goes in the hole!"

"One camel to another camel on a hot day in the Sahara: I don't care what they say about us, I'm thirsty!"

"Idea of an easy job: Being a janitor in an air castle."

"Think of the movie queens! They have as much trouble in their real life as they do in their reel life!"

"Jimmy decided to kiss all the guests good night. But when he stopped before an old gentleman with a long, snowy-white beard he burst into tears."

"Why, honey, what's the matter?" asked his mother."

"He hasn't any place to tell him good night!" Jimmy wailed."

be saying you would drive carefully, too, if you had a highway patrolman riding with you. I'll bet you kinda slow down when you see a highway patrol car up ahead or behind you. At least you sorta glance off-handed at the speedometer.

But watch it for your own safety! The 2 women drove across country at exactly the legal, posted speeds. They think it is safe to say 90 per cent of the motorists on highways regularly break the speed laws every day.

### Good Dairy Progress

**IT APPEARS** from early reports and government estimates that 1953 milk production set a new all-time high. Total, about 120 billion pounds. In terms of quarts, the 1953 output could have provided each one of the 160 million Americans with nearly 350 quarts, or about 3 glasses of milk a day.

That is a goal to shoot at. Three glasses of milk a day. Apparently the entire dairy industry is doing a remarkably good job of selling its product. Like this: It is reported that consumption of cheese and nonfat dry milk established all-time per capita consumption highs in the past year, and that total consumption of fluid milk was at new record levels. The American Dairy Association, for 1954, anticipates further increased consumption of fluid milk, cheese, nonfat dry milk and butter.

**Smart Increase:** The American Dairy Association budget for 1954 is more than 4 million dollars, a far cry from the \$270,000 available in 1940, reports H. E. Dodge, secretary of the Kansas Dairy Association. That money will be used to tell people how good dairy products are.

Raymond H. Gilkeson, Editor



"What a lovely view from your window!"

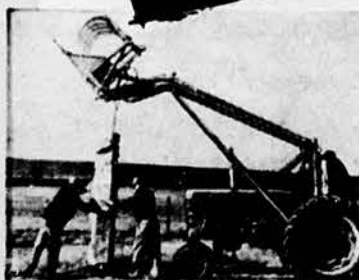


"Spot and I are scared. Can we sleep with you?"





Trench silage 33 ft. high  
forked out in jig-time  
with...



Ever try pulling a concrete fence post? It's easy with 4-Way's 3000 lb. hydraulic lifting power.



Low clearance is no obstacle with a 4-Way, yet it reaches up to 27 feet.



Keep your roads clear this winter with 4-Way and Hi-Speed V-Sno Plow attachment, and easily remove snow windrows with the bucket attachment.

"I have been feeding out of a trench silo for years and have used many machines, but the American 4-Way does a better job than any I have seen," states GERALD R. BULLOCK, of Strong City, Kansas.

No matter how tough the job, you'll find that you can do it EASIER, FASTER, AND SAFER with a rugged, dependable 4-WAY and one of its handy, versatile attachments.

This all 'round, year 'round hydraulic work-saver

### PUSHES • STACKS LOADS and LIFTS

3,000 LBS. UP TO 27 FEET

yet it costs much less than many pieces of specialized farm equipment that stand idle 50 weeks of the year.

### COMPARE

The 4-Way's Features, Construction, Performance

You'll find it's today's best buy in versatile farm equipment, AND NOW IT ALSO FITS THE FORDSON MAJOR.

Manufactured by  
THE FARM EQUIPMENT DIVISION

**AMERICAN ROAD  
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| <input type="checkbox"/> Hay Basket  | <input type="checkbox"/> Bucket | <input type="checkbox"/> Platform    |

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THE AMERICAN  
FARM NEWS



## FARMING FOR PROFIT

By LEONARD W. SCHRUBEN  
Professor of Agricultural Economics  
Kansas State College

### Price Cycles Affect Profits

This is written to help you understand the longer-time ups and downs in farm prices that economists call "price cycles." Like the weather, there isn't very much you can do to change the price cycles. You can, however, make some farm business adjustments as they occur. This article explains the forces behind hog-corn price cycles and tells you what to look for in recognizing them.

ARE YOU THINKING about getting into the hog business? A lot of farmers are. If you do expand your hog enterprise chances are the hog-corn price cycle will have a lot to do with the size of your profits. Of course, price isn't everything in determining profitable hog production. Good husbandry is necessary in order to be an efficient producer.

#### Price Cycles Repeat

Like history, prices repeat themselves. They go up, they go down, then they go up again. When this process is repeated over and over again at regular intervals, we call each up-then-down a price cycle. Price cycles may reoccur every few months or they may repeat only once in 17 years. Some cycles have been identified that repeat only once in 50 years or more.

Price cycles usually are not neatly cut out of a package. Some are difficult to recognize, others are easily discovered. The hog-corn cycle is a fairly easy cycle to recognize, which makes it a useful tool in deciding whether to sell corn or feed it to hogs.

#### Hog-Corn Cycle Is Regular

Hog producers are among the most consistent in reacting to favorable prices or unfavorable prices. Whether prices are favorable depends upon the price of hogs and the price of feed. This is usually measured by dividing the price of hogs per hundred pounds by the price of a bushel of corn. This is known as the "hog-corn" price ratio. When it's high, hogs are more profitable than when it's low.

Hog cycles average 4 to 5 years in length. Some are longer than others and prices move further up and down. These are called "major" cycles. In between are shorter, more gentle movements called "minor" cycles. The accompanying diagram shows changes in pig numbers since 1925.

#### Length Influenced by Nature

Suppose you have been getting a good price for a few hogs and decide to expand your hog enterprise. You save back some gilts and breed them for the next pig crop. If you decided to expand at the bottom of the cycle, prices are likely to remain favorable for several

years barring a crop failure or other disaster. You may continue to save gilts until you have a large enterprise.

Of course, you may increase the size of your hog business by purchasing brood sows from other farmers. Many farmers expand by the slow process. The point is, it takes awhile to expand the hog enterprise once favorable prices prevail. In the past, expansion phase has lasted 2 or 3 years and sometimes 5.

#### Prices Follow Cycle

Hog prices also have cycles. Often they tend to move down when hog numbers are increasing. When prices are low, there are economic forces encouraging production and numbers increase. When numbers are down prices recover. When prices recover, production is stimulated and the cycle starts all over again.

#### The Present Position

It appears the bottom of the present hog numbers cycle was reached in 1953. If the hog-corn price ratio continues favorable, next year's pig crop is expected to increase in time for marketing to be up next fall. The full force of the upswing in numbers probably will not be felt until 1955. Of course many things can happen before then.

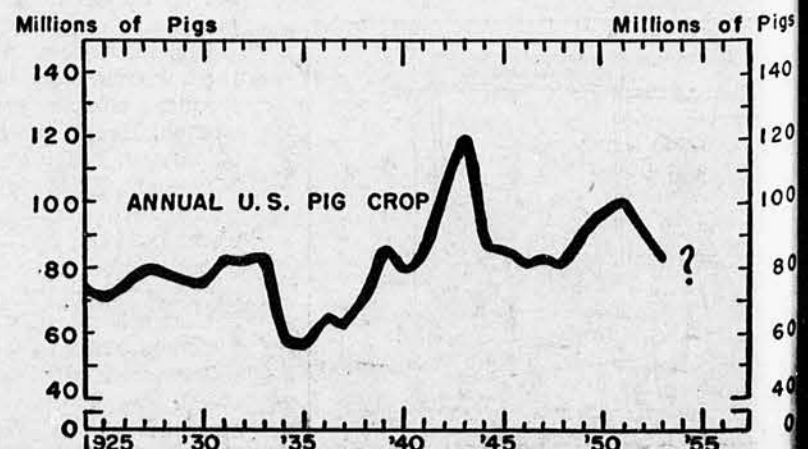
A reader asks: "Should I buy feed pigs? They cost \$20 each for 40-pound pigs."

Here is the answer in a general way. Of course, no one answer will apply to each farm. However, you too can do some figuring for your farm. What do is compare the cost of buying and feeding out 40-pound pigs with the value at market time—or rather what you think their value will be.

Here is where you can make use of outlook information. Prof. L. W. Meir, Kansas State College livestock economist, estimates that finished hogs will likely bring from \$28 to \$30 hundredweight in late spring or early summer. (Editor's note: See "Marketing Viewpoint," page 34, this issue of Kansas Farmer.)

If this forecast turns out to be correct, the finished hog will be worth about \$70. If the pigs cost \$20 each you will have \$50 left over to pay for labor, interest, and to cover risk.

If corn is worth \$1.50 per bushel you will need to receive a price of about \$20 per hundredweight to pay for feed and the cost of the pig if you are an average farmer feeding normal hogs. Here is where you will have to do the "figuring" for your farm. How much will your feed actually be? How much will your other expenses be? What do you need to return on your investment? Your labor?



PIG CROPS: This chart shows annual pig crops in the United States from 1925 to date. Source of information is the U. S. Department of Agriculture.



# IN SPITE OF DROUGHT

## KANSAS FARMERS AVERAGE

# 97.97 Bushels of DEKALB CORN

\*All yields made  
on Selected 5-Acre  
Contest Plots



When corn can come through a season like the last one and still make an average yield of 97.97 Bushels per acre for a group of farmers—well, that's real corn. But that's what happened to the farmer contestants in Kansas who entered the 1953 DeKalb Selected 5-Acre Corn Growing Contest. Yes—even in spite of one of the worst of all growing seasons, DEKALB came through with an average of almost 100 bushel yield for these men. GOOD seed corn and GOOD farming methods really PAID OFF for these men. Next Spring why don't you plant DEKALB—the Corn that has PROVED it can TAKE IT—the Corn that you can depend upon to do a job for you.

### STATE CHAMPION WINS CORN CROWN WITH RECORD 149.53 BUSHEL PER ACRE\*

Think of it—almost 150 bushels of DEKALB CORN per acre! That's the yield that won the 1953 Kansas DeKalb Corn Crown for Tom Schwartz of Hanover, (Washington County) Kansas. Schwartz really knows IT PAYS TO PLANT DEKALB. The winner won the crown with DeKalb Corn, variety 875. His field was manured and commercial fertilizer was used. The land was irrigated. See your DEKALB DEALER NOW. Get the right varieties of DEKALB SEED CORN for your farm. This Spring—plant GOOD—RELIABLE DEKALB.

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Commercial Producers & Distributors of DeKalb Seed Corn & DeKalb Chix

*The Big Swing is to*  
**DEKALB**

### COUNTY WINNERS IN 1953 DEKALB SELECTED 5-ACRE CORN GROWING CONTEST

**ANDERSON COUNTY**  
Glenn Caldwell ..... 90.45  
V. W. Mader ..... 61.25

**ATCHISON COUNTY**  
Bill Gechter, Jr. .... 102.49  
Courtney Underwood, Jr. .... 84.42  
Harold Patterson ..... 76.31  
C. N. Underwood, Sr. .... 70.70

**BROWN COUNTY**  
Uberto Bartley ..... 112.08  
Glenn M. Korthanke ..... 104.48  
Chas. Lovelady ..... 103.72  
Ben Hageman ..... 95.60

**CLAY COUNTY**  
Glenn Dittmar ..... 107.09  
Frank Neill ..... 103.81  
Howard Walker ..... 98.13  
Mervin Arnett ..... 94.32

**DONIPHAN COUNTY**  
Walter Ruhnke ..... 131.43  
Joe Culp ..... 116.60  
Jesse D. Barrow ..... 109.28  
Huss & Gilmore ..... 97.02

**GEARY COUNTY**  
Earl Shandy & Art Shandy ..... 89.91  
Willard Babb ..... 76.82

**JACKSON COUNTY**  
Francis Schmitz ..... 109.66

**JEFFERSON COUNTY**  
Ivan Beeler ..... 74.05

**LEAVENWORTH COUNTY**  
Earl Gray ..... 125.63

**MARSHALL COUNTY**  
Arnold Wittmuss ..... 88.82

**MITCHELL COUNTY**  
A. F. Thille ..... 57.07

**NEMAH COUNTY**  
Joe M. Gakle ..... 63.47

**RILEY COUNTY**  
August Menkens ..... 125.57

**SHAWNEE COUNTY**  
H. T. Jackson ..... 94.28

**WASHINGTON COUNTY**  
Thomas Schwartz ..... 149.53  
Otto D. Neumann ..... 129.00  
E. J. Gantenlein ..... 126.63

PLANTED BY MORE FARMERS THAN ANY OTHER SEED CORN FOR 14 STRAIGHT YEARS





## You Get **BOTH** in the 3-4-Plow **JOHN DEERE 60 Standard**

**NEW POWER** to handle every job better, faster . . . **new economy** that boosts profits on every bushel of grain, you get *both* and a lot more in the new John Deere "60" Standard Tractor.

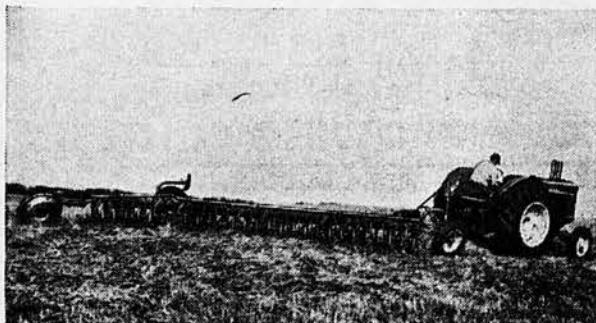
With Duplex Carburetion, Cyclonic Fuel Intake, and All-Weather Manifold, the "60" Standard offers livelier, huskier power to handle three- and four-bottom plows, 12- and 16-foot Surflex Tillers, big-capacity disk harrows and similar equipment in practically any condition . . . more economical power that saves money, boosts profits on every job. In addition, the "60" Standard has six forward speeds—from 1-1/2 to 11-1/2 mph—to give you maximum work capacity on every job,

plus far better traction that cuts dollar-wasting wheel slippage to the minimum.

What's more, the "60" Standard offers an unmatched combination of operating features that means faster, easier work. There's "live" hydraulic Powr-Trol for easier, more positive implement control . . . a new "live" power shaft that speeds up every PTO job . . . a new arched front axle of oscillating design that provides greater crop clearance and a smoother ride . . . new front wheel knuckles for easier steering . . . a convenient hand clutch that's easily reached from the seat, platform or ground. There are individual differential brakes for shorter turns . . . larger rear fenders . . . comfortable, deep-cushion seat . . . roomy platform and many other features.

### Drive the "60" Standard

Your John Deere dealer is eager to have you see and drive this tractor. The next time you're in town, stop at his store. Learn the facts about this great tractor. Arrange for a field demonstration where you can test the new power . . . measure the new economy . . . experience the unequalled easy handling of the all-new 3-4-plow John Deere "60" Standard Tractor.



SAVE MORE . . . Start in '54—  
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State \_\_\_\_\_

### Are Farm Terraces Tax Deductible?

Can you deduct the cost of farm terraces as ordinary expenses on your income tax returns?

Recently the Tax Court of the U.S. handed down a decision that farmers are allowed to make the deduction, but the U. S. Bureau of Internal Revenue does not have to abide by the decision.

Lynn R. Broderick, District Director of Internal Revenue, says, "As the matter stands at this moment a farmer can rely on the decision of the Tax Court in taking a deduction for farm terraces. However, this decision is not final at present. The Commissioner has 3 months after the decision of the Tax Court has been rendered within which to file an appeal to the Circuit Court of Appeals, or he may announce that he will not follow the decision of the Tax Court."

Employees of the Internal Revenue Service will follow the action of the Commissioner rather than the decision of the Tax Court. The Commissioner may announce in favor of the Tax Court. Watch for further developments.

### Need Grain Insect Sanitation Committee

Dr. Roger C. Smith, former head of Kansas State College entomology department, is advocating a new grain sanitation committee to advise the U.S. secretaries of agriculture and health, education and welfare. He outlined his proposal at the annual wheat kernel conference at Kansas State College, January 21.

The committee would observe, study, report and recommend measures for improvements which should be undertaken in grain sanitation. Doctor Smith is a member of the 17-man national Grain Sanitation Committee set up in 1953 to study grain sanitation measures, and heads up the insect sub-committee. His proposal is for a "continuing" national committee.

The 1953-appointed group agreed that prevention of insect infestation should be stressed thru the entire industry. A crucial need is an acceptable quick method of assaying grain for insect infestation and damage at country elevators.

### Sumner County Is Top Wheat Area

For second year in a row, Sumner county is No. 1 wheat producer in Kansas. The 1954 production was 6,665,000 bushels for that county, and 144,665,000 for the state.

Other high-ranking counties include Reno, with 4,453,000 bushels; McPherson, 3,808,000; Sedgwick, 3,404,000; Dickinson, 3,143,000. Eight others—Sherman, Marion, Harper, Thomas, Cowley, Ottawa, Saline and Cheyenne—each produced more than 2 1/2 million bushels, according to the State Board of Agriculture and the U. S. Bureau of Agricultural Economics.

Brown county with a yield of 28 bushels per acre was first, followed by Neosho with 26.4 bushels, and Doyan with 26 bushels per harvested acre.

### Study Corn Borer

Except for a few Northeastern Kansas counties, the southwestern corn borer was found in all areas of the state in 1953. C. C. Burkhardt, Kansas State College entomologist, says populations of the insect have been increasing in intensity the last 2 years, and distribution in 1953 was most widespread ever recorded.

The College ran several experiments last year to help solve borer problems. Several "variety-date of planting" combination tests were set up in 3 southern counties where borers were heaviest. Plant breeding in search for host plant resistance is part of the program, too. Work on insecticides helping find answers, also.



## Raise More Turkeys

A larger turkey crop is expected in Kansas in 1954. According to the U. S. Agricultural Marketing Service and the Kansas State Board of Agriculture, expected production is 735,000 birds, a 10 per cent increase over the 668,000 turkeys raised in 1953. Growers intend to raise 3,000 bronze and other heavy breeds this year—12 per cent more than 1953. They plan to raise 42,000 Beltsville white and other light breeds—16 per cent less than last year.

## Hold Sheep Schools

District sheep and wool schools are under way in Kansas. Those scheduled for February include: Ness City, February 15; Ulysses, February 16; Meade, February 17; Kinsley, February 18; Newton, February 19; Howard, February 22; Girard, February 23; Garrettsville, February 24; Emporia, February 25; and Holton, February 26. Kansas State College Extension livestock specialists, in co-operation with commercial agencies, are conducting these schools.

## Boost Farm Research

Kansas State College agricultural research has been stimulated with a \$100,000 grant from the U. S. Atomic Energy Commission. The money will be used to study changes in egg yolks during storage of infertile eggs and during incubation of fertile eggs. Radioactive phosphorus will be measured in eggs during period of chick development. Bone and muscle need phosphorus.

## Extension Dairyman Named at KSC

New dairy specialist with Kansas State College Extension service is Edward F. King, Jr., graduate of the college, and former dairy specialist at Oklahoma A & M College. Following graduation in 1938 he was county 4-H agent in Crawford and Allen counties. He replaces Fred Foreman, who joined the University of Minnesota dairy staff.

## Clark's Buffalo Ranch

Gene Clark, of Independence, has the largest privately owned buffalo ranch in the world (his Clark Buffalo Ranch) to 2 Los Angeles doctors—Shipley and Elmer Nelson. With a 1,000-acre spread went 224 buffalo, quarters and equipment. The ranch will continue as a large buffalo-raising establishment. Mr. Clark set up the famous ranch in 1948.

## Alfalfa Grant

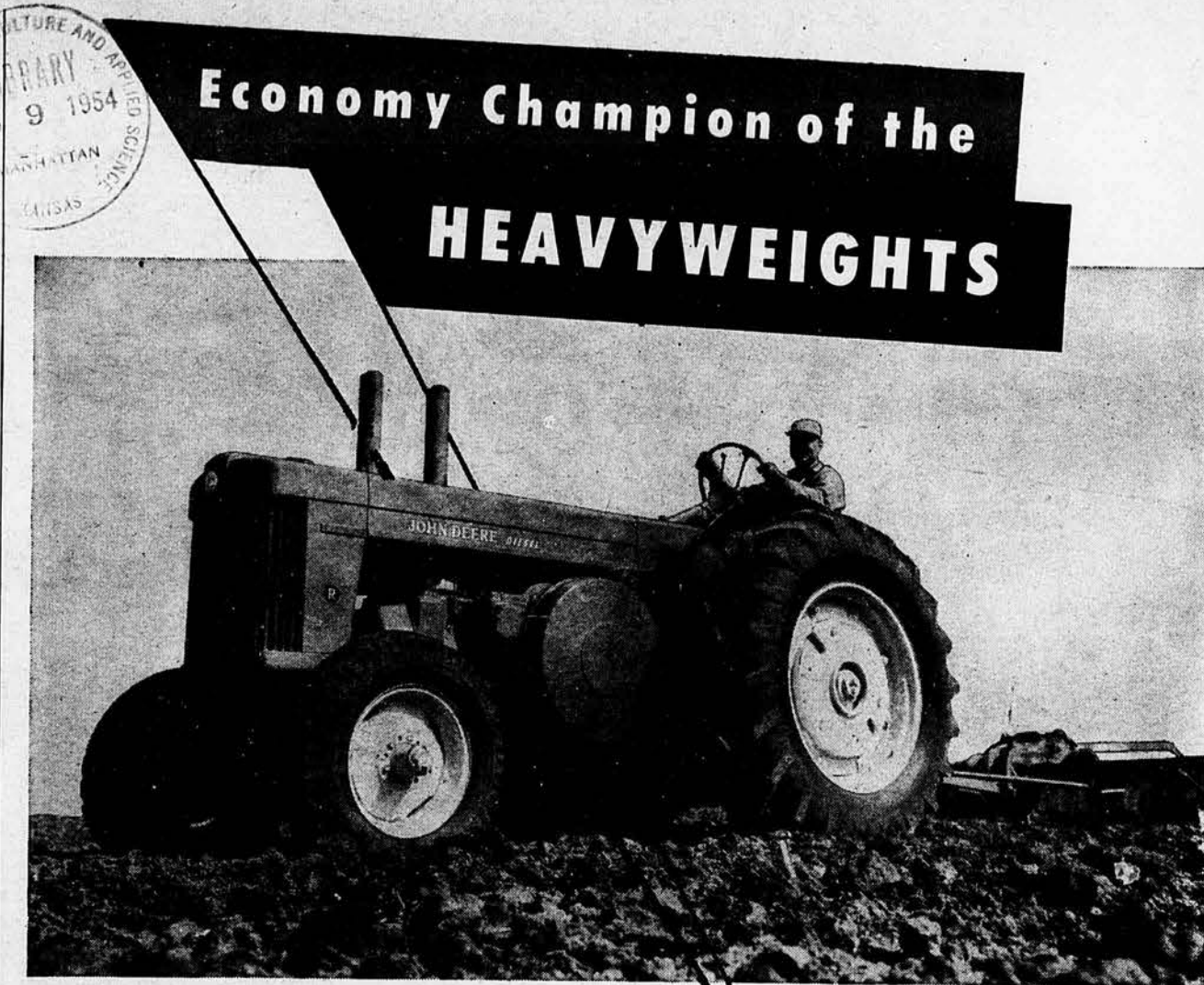
Kansas State College has accepted a \$100,000 grant from the American Dehydrators Association, to do research on marketing of dehydrated alfalfa. Dr. A. D. Weber, director of the experiment stations, says that Leonard Schruben, professor of agricultural economics, will head the preliminary study. Schruben is a *Kansas Farmer* consulting editor, also answers readers' queries on farm economics.

## Bankers' Farm School

Kansas Bankers Association and Kansas State College are sponsoring a Farm Agricultural School at Manhattan, February 11 to 13. About 150 bankers will attend, the second such event held. Specialists in various fields of agriculture will bring latest information to the meetings.

## Orders Corn Controls

The 1954 corn crop has been ordered Secretary of Agriculture Ezra Taft Benson to be placed under production control. Regulations call for 17.4 per cent reduction in plantings in the commercial-corn-producing areas.



# ... that's the 4-5-Plow "R" JOHN DEERE R DIESEL

GET acquainted with the tractor that really saves money—the John Deere Model "R" Diesel, economy champion of the heavyweights.

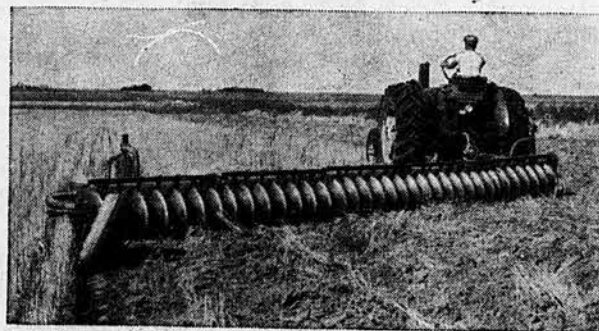
Under every load, light or heavy, the 4-5-plow Model "R" will operate on less fuel than any tractor in its class. With air-cell type pistons that insure more complete fuel combustion, plus the greater driving force built up by its powerful two-cylinder engine, the "R" stretches every drop of fuel to the maximum . . . piles up fuel savings that often amount to several hundred dollars a year. You'll find, too, that the "R" offers unmatched maintenance economy. There are practically half-as-many, twice-as-husky parts . . . heavier, more rugged gears and shafts . . . greater

simplicity to minimize adjustment and replacement expense . . . greater strength throughout to stand up and take the punishment of hard work for a longer time.

### Many Other Savings

Dollars aren't all you'll save with the "R." You'll save time, handle four- and five-bottom plows, 20-foot Surflex Tillers, tandem hook-ups of grain drills, rod weeders and similar equipment at peak efficiency, thanks to the husky two-cylinder lugging power and five job-gear speeds of this great tractor. You'll save labor, too, with "live" Powr-Trol, the unmatched hydraulic system that raises, lowers, sets equipment at any position desired by an easy movement of one convenient lever. And you'll handle every job better, easier, thanks to automotive-type steering, a comfortable seat, large platform, convenient controls and many other features.

See your John Deere dealer. Arrange for a demonstration where you can put this great tractor to work. Learn all the facts about the Model "R" . . . figure fuel consumption—prove to yourself that by every measure, the Model "R" is the economy champion of the heavyweights.



SAVE MORE . . . Start in '54—Choose a JOHN DEERE

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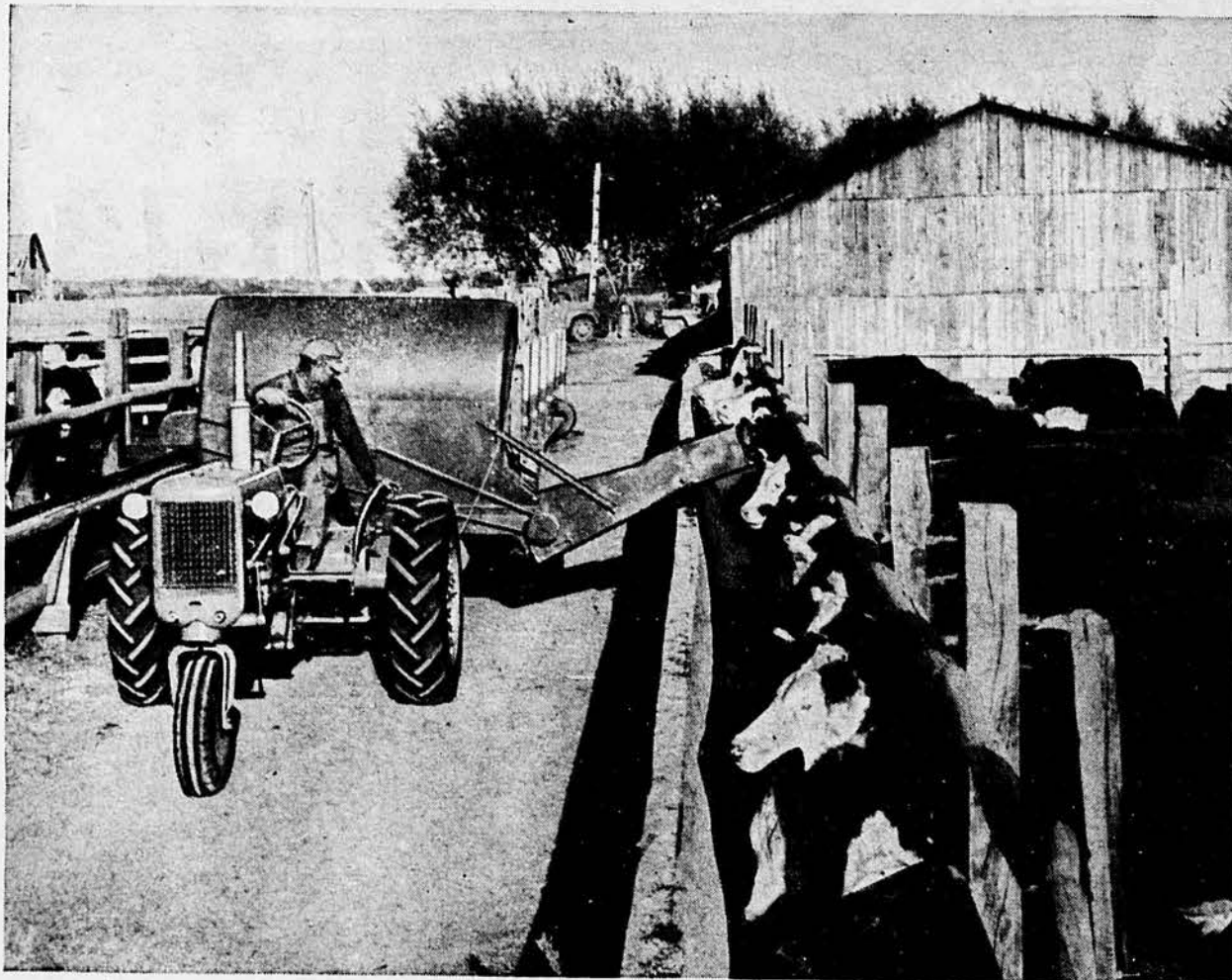
ASK YOUR JOHN DEERE DEALER FOR A FREE DEMONSTRATION

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Please send me free literature on the John Deere Model "R" DIESEL.

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## Bringing Pasture to the Cattle

### A Green Banquet the Year 'Round

Wide interest has arisen in a new system of "mechanized grazing." Legume or grass pasture is field-chopped and brought to the cattle. It can be fed either fresh-cut daily, or ensiled for year 'round feeding.

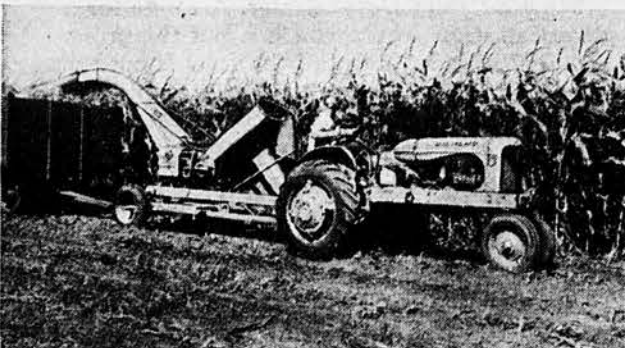
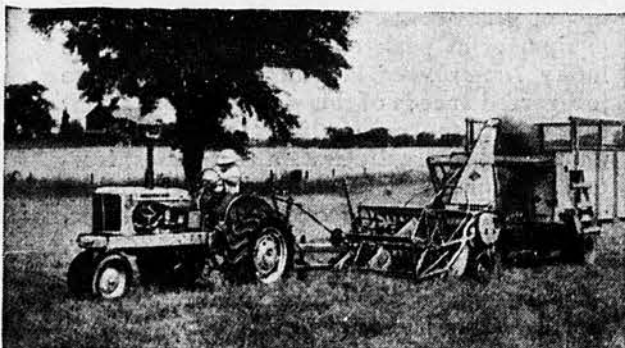
Herd owners who have tried it say pasture produces more tonnage when harvested at the right time . . . by machine.

There is neither hoof damage nor over-grazing. Weeds are controlled. Cattle are kept quiet, no longer have to hunt for feed.

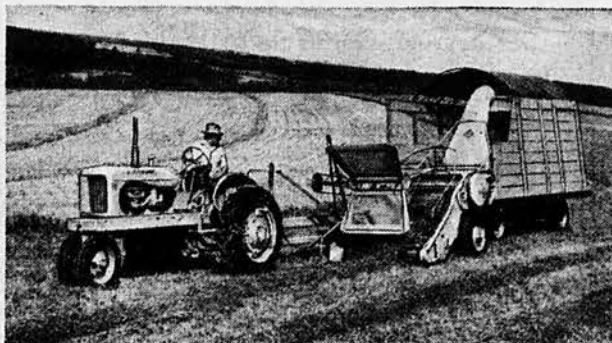
More energy goes into milk or meat.

With your own big-capacity Allis-Chalmers Forage Harvester, you are equipped for this and other money-making methods of livestock feeding. You can field-cut silage crops when they're exactly right . . . blossom perfect!

New Easy-Mount attachments readily interchange for almost any forage crop. Be ready when crops reach their protein peak. Field-cut them fast with minimum power . . . Allis-Chalmers style!



## NEW! Easy-Mount 3-WAY ATTACHMENTS



New "SLIDE-LOCK" mounting principle permits easy interchange of grass and row-crop attachments. Windrow pickup attaches and detaches in minutes.

POWER-SHARPEN the 3-foot wide, spiral-cupped cylinder knives without removing them from the machine.

Save hours of labor the Allis-Chalmers way — field-cut grass, corn or sorghum silage; chop hay; clip pastures; chop stalks or straw.

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

## COMING EVENTS

- February 6—Dickinson county Hereford association annual sale, Abilene fairgrounds, A. M.
- February 6—Annual Poultry Judging Contest sponsored by the Poultry Science Club of Kansas State College.
- February 8—Cloud county home beautification school, Concordia.
- February 8—Russell county landscape school, Russell.
- February 8—Sheridan county demonstration for 4-H Club leaders, Hoxie.
- February 8—McPherson county quality program, McPherson 4-H Club Building, A. M.
- February 8—Elimination race to choose entrant to All-American Pancake Derby, Liberal.
- February 8—Norton county 4-H Club leadership training school on keeping records with Gladys Myers and Harold C. Love, of K.C.
- February 8—Geary county welding school with Walter E. Selby and Moody Dale Cannon, KSC, vocational agriculture building, 10 A. to 3 P. M.
- February 9—Ellsworth county Artificial Breeding Association annual meeting.
- February 9—Cheyenne county junior leadership training school with Virginia Armstrong, KSC, St. Francis courthouse, 7:30 P. M.
- February 9—Atchison county lesson on preparation of meat for locker with Mrs. Helen Newbor and D. L. McIntosh, of KSC.
- February 9—Rice county poultry field trip with Marlon E. Jackson, of KSC.
- February 9—Rooks county "Fixit for Safety" Home Demonstration Unit leaders training meeting.
- February 10—Rooks county landscaping meeting.
- February 10—Atchison county 4-H Club tractor maintenance project meeting, Atchison.
- February 10—Geary county crops school with E. A. Cleavinger and Dell Gates, of KSC, municipal building, 10 A. M. to 3 P. M.
- February 10—Rawlins county 4-H Club meeting on keeping records Extension meeting room, 10 A. M.
- February 10—Pottawatomie county Soil Conservation Service annual meeting, Westmoreland High School, 8 P. M.
- February 10—Phillips county electrical appliance repair school, time and place to be announced.
- February 10—Kiowa county livestock agronomy school with Frank G. Bieberly, Lot F. Taylor, of KSC, Greensburg community building, 7:30 P. M.
- February 10—Harvey county winter pool school, Newton.
- February 11—Phillips county landscape school, courtroom, 1:30 P. M.
- February 11—Rice county 4-H Club leadership training meeting with Velma Mett, of KSC.

## Glamorous Pies

We have a new supply of Ann Pillsbury's little leaflet, "Making Glamorous Pies." Illustrated instructions are given which include tricks for perfecting 2-crust, lattice-top, twisted lattice-top and meringue pies. For your copy send 3c to Home Service Department, Kansas Farmer, Topeka, Kan.

- February 11—Mitchell county Artificial Breeding Association annual meeting, Beloit fairgrounds, 10 A. M.
- February 11—Ellsworth county special interests meeting on flowers, shrubs and house plants.
- February 11—Brown county consumer education meeting on meats with Mrs. Helen Newbor and D. L. McIntosh, of KSC.
- February 11—Anderson county-wide livestock production and equipment meeting, Garnett, A. M. to 3 P. M.
- February 11-13—Bankers Agricultural Conference, Manhattan.
- February 12—Rice county Dairy Herd Improvement Association meeting.
- February 12—Geary county Artificial Breeding Association annual meeting, municipal building, 7:30 to 10 P. M.
- February 12—Osage county livestock management and equipment meeting, Lyndon, 10 P. M.
- February 12—Russell county electrical appliances repair school, Russell.
- February 12—Nemaha county consumer education and meat cutting demonstration, Seaside.
- February 12—Kiowa county 4-H Club leadership training school with members of 4-H Club department staff, Greensburg courtroom, 10 A. M.
- February 12—Coffey county 4-H Club leadership training school, courthouse, 1:30 P. M.
- February 13—Rice county 4-H Club Day.
- February 15—Mitchell county winter school with L. E. Willoughby and Claude King, of KSC, Beloit city building, 10 A. M.

(Continued on Page 13)

## Sweet and Special New Recipe Leaflet

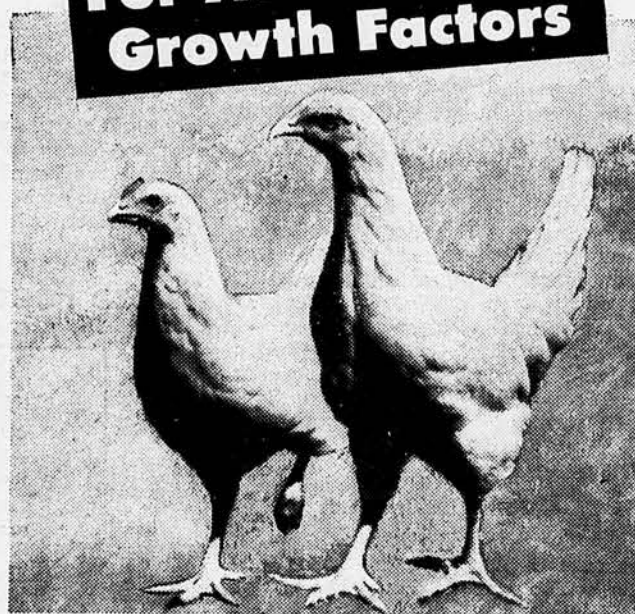
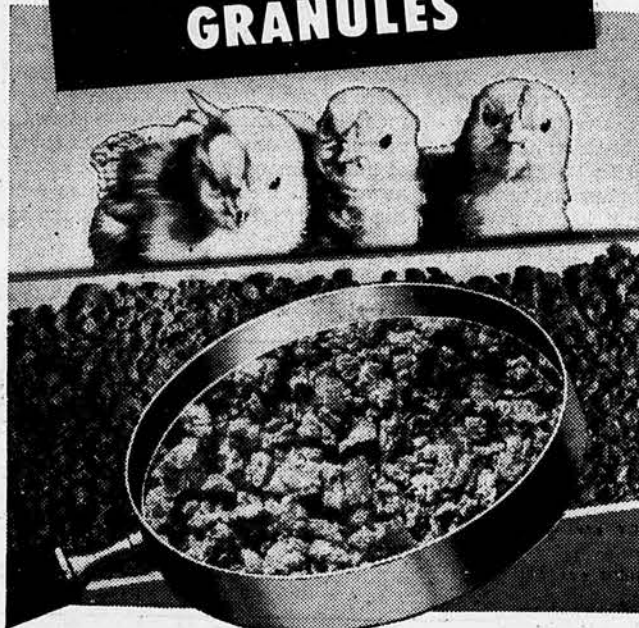
"Sweet and Special" is the name of a new little fold-up recipe leaflet we now have in supply. Send 3 cents to Farm and Home Service Editor, Kansas Farmer, Topeka.



# Now! 2 New Growth-Boosters IN GOOCH'S BEST CHICK STARTER for Your 1954 Chicks

**APPETITE-BUILDING  
"VARIO-SIZE"  
GRANULES**

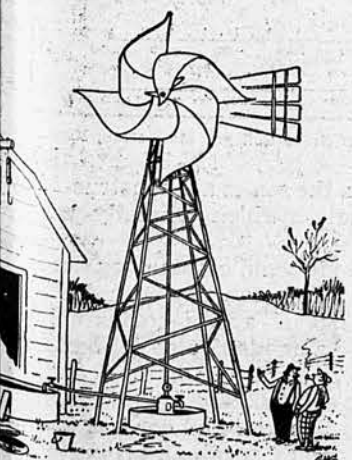
**Plus GroLac  
For ALL Natural  
Growth Factors**



## Easy Does It!

This is the title of a new booklet to help prevent losses in handling livestock. The Agricultural Research Department of Swift & Company is releasing a 16-page booklet done in cartoon style with easy reading to help you. For a free copy, write Farm Service Editor, Kansas Farmer, Topeka.

February 17—Ellsworth county winter crops school.  
February 17—McPherson county Dairy Herd Improvement Association meeting. McPherson Club building, 10:30 A. M.  
February 17—Coville county-wide welding school, Winfield, 10 A. M.  
February 18—Rice county 4-H Club leaders meeting.  
February 18—Cloud county agronomy and pathology school, Concordia high school.  
February 18—Atchison county 4-H Club farm home electric program meeting, Effingham.  
February 18-19—Cloud county home furnishing school, Concordia high school.  
February 18-19—State Weed Conference, Topeka.  
February 19—Ellsworth county 4-H Club leadership clinic on record keeping.  
February 19—Russell county winter dairy school, Russell.  
February 19—Harvey county district sheep wool school, Newton.  
February 20—Atchison county 4-H Club model farms, Atchison.  
February 20—Barton county annual 4-H Club Hoisington.  
February 22—Ottawa county poultry and egg marketing clinic, Extension room, Minneapolis.  
February 22—Atchison-Jackson counties 4-H Junior leaders meeting.  
February 22—Elk county district lamb and school with Midwest Wool Cooperative and Extension specialists, USDA building.  
February 23—Cloud county poultry improvement school, Concordia high school.  
February 23—McPherson county district Crop Improvement Association meeting, McPherson Club building, 10:30 A. M.  
February 23—Dickinson county livestock and stock equipment school, Sterl Hall, Abilene, P. M.  
February 23—Phillips county machinery repair and maintenance school, Phillipsburg vocational agriculture shop, 10 A. M.  
February 24—Mitchell county poultry school Marion E. Jackson, of KSC.  
February 24—Rooks county meeting on dairy maintenance, care and use.  
February 24—Rice county 4-H Club food leadership training meeting.  
February 24—Anderson county district sheep wool school, Garnett, 10 A. M. to 3 P. M.



at the idea from a small one my son  
out of a piece of paper."

**1. You May Not Like the Looks—But Your Chicks Do!**  
You know it is natural for chicks to "pick and choose," and that they will eat better if they have different size bites in their feed. However, till now "pick-and-choose" feeding risked getting the ration out of balance. Now GOOCH has perfected a method of making the VARIO-SIZE granules that chicks prefer—yet every granule from the smallest to the largest is a complete balanced ration.

**2. GroLac—To Make 'em Gain Faster!** GOOCH'S BEST 1954 Chick Starter provides your chicks with all the natural growth factors from both fish and milk products, added in a new condensed form that preserves all their original goodness and nutritive value. GroLac was developed by GOOCH so your chicks can have all the natural growth factors—(both the known and those still to be identified)—unaltered by excessive heat or drying.

## NOW YOU CAN GET FASTER GAINS, HIGHER LIVABILITY FOR HIGHER EGG PRODUCTION, EARLIER, NEXT FALL!

What you feed your chicks now can make a profit-or-loss difference later in the meat and eggs you get to sell! That's why these two big GOOCH advances are so vital to you and your pocketbook

For the faster your chicks can put on weight—especially in developing sturdy bodies and big frames!—the better they maintain health, the better they can pile on meat, and the better your pullets can develop the vigor and stamina needed for egg laying.

That's what GOOCH'S exclusive VARIO-SIZE Granules help those chicks to do. Even more important is the help they get from GroLac—GOOCH'S exclusive combination of NATURAL growth stimulators not equalled by synthetic or artificial additives.

Remember, these are PLUS-values—over and above the fully effective levels of Gooch-pioneered antibiotics. They help reinforce disease-fighting Megasul, which for 2 years now has enabled GOOCH customers to cut coccidiosis losses to an all-time low!

So take advantage of the added help GOOCH'S BEST gives you—with new VARIO-SIZE Granules and new growth-stimulating GroLac. See your GOOCH'S BEST Dealer now before you buy a single chick, and start your new flock on the most completely fortified, fast-growth, high-livability feed your money can buy!

remember:  
**GOOCH'S BEST**  
IS PART OF  
**GOOD MANAGEMENT**



Use Your GOOCH'S BEST Chick "Meal Checks" Now! Each "Meal Check" you've saved is worth a pound of GOOCH'S BEST Chick Starter. Take 'em to your GOOCH Dealer for your free feed

GOOCH RED CIRCLES Are Valuable!

Collect and trade them for valuable merchandise! Ask your Gooch Dealer for the new free Red Circle Catalog



**GOOCH FEED MILL COMPANY**

Lincoln, Nebraska Council Bluffs, Iowa Salina, Kansas Dalhart, Texas





## "I Wouldn't Mind the Price If I Always Got Good Butter"

... That's what some customers say

*Editor's Note: This is second in series of articles on what is being done to increase sales of dairy products in Kansas. Purpose is to show that while the Kansas Dairy Industry is doing a good job now, there still is opportunity to expand markets thru well-planned and well-financed efforts, without help from the Federal Government.*

WHEN YOU TALK to consumers you find they have a couple of arguments against using butter. One is price, the second is lack of uniform quality. You hear such remarks as: "I wouldn't mind paying the price if I always got good butter." Or, "I would like to use butter but the price is too high."

Since the cost of producing butter is relatively high compared to cost of producing butter substitutes, the dairy industry must overcome consumer resistance by: 1. Improving its product. 2. Educating the public to the fact butter is worth the difference in price.

Down at Erie, the Neosho Valley Co-Op Creamery Association is trying to do something about this situation. To insure uniform quality of product, the association has added a full-time resident inspector.

### Add Full-Time Inspector

This inspector, Robert Anderson, is from the U. S. Department of Agriculture, which pays his salary, but cost of his services is collected from the creamery by the agriculture department.

Howard Murray, production manager at the plant, says: "The purpose of a resident inspector is to insure constant quality. Even under the best of management it is difficult always to maintain quality unless under constant check. Then, too, grading of products at the source of manufacture widens our markets. If products meet grade-A standards at the source they are grade-A anywhere. Our products are accepted anywhere without question. We also are finding that a resident inspector is cheaper than our former method of bringing in inspectors before making shipments or having products graded at destination."

There are several reasons why all plants cannot have resident inspectors, however. Some plants do not have enough volume to justify the expense, and there is a shortage of such inspectors. What can be done?

### State Has Plan

Merrill Werts, marketing director for the Kansas State Board of Agriculture, says his department is now in the process of setting up a voluntary grading program for butter similar to that recently started on eggs. Under this program, he says, the state would set up grades on butter similar to U. S. grades and train men within the plants to grade. Products then would be checked at wholesale and retail level by the state to insure quality.

Selling butter on grade may be the answer to overcoming consumer resistance, since it would reassure the buyer he is getting what he pays for.

Neosho Valley Co-Op Creamery Association also is working on this angle. So far as we know, this creamery is the only one in Kansas attempting to sell butter at retail level in U. S. graded and stamped cartons. The creamery is selling 2 grades—U. S. A. and B. Grade-B butter is 90 score, while grade-A is 92 or better.

Farmers are being paid 4 cents a pound more for their No. 1 over No. 2 cream, but the grade-AA butter is being sold in Erie stores at only 1 cent a pound over grade-B as an inducement to get housewives to try it.

"Consumers have to be educated to using grade-AA butter," says Mr. Murray. "This top-grade butter has a milder flavor than grade-B and consumers have

to get used to it. Once they do, they continue using it.

Butter sales in Erie have increased, says Mr. Murray, since the grade-AA butter was put on the market, but not enough time has elapsed to see just how much consumption can be increased.

When the dairy industry began supplying butter pre-cut into pats to cafes and other eating places, they won back much of the restaurant business, a recent survey shows. Here are what some restaurant people reported to us on a recent tour of the state:

Mrs. Ralph Deitrich, Tioga Coffee Shop, Chanute—"Being able to buy 4-pound boxes of 360 butter pats saves labor and waste for the restaurant operator. We can buy butter cut in different sizes from 60 to 90 pats to a pound, with each pat stamped with the word butter. All this helps us and

makes a good impression on customers."

A. G. Menegay, Menegay's Grill, Iola—"We found by experimenting that when butter is cut 90 pats to a pound our customers do not waste it. Those who want more butter can have a second pat. Serving butter stamps an eating place as quality-conscious. We also found by experiment that serving butter actually is no more expensive than serving substitutes."

Gus Botulas, A & G Cafe, Salina—"We get our butter cut 70 pats to the pound and with certain breakfast orders serve 2 pats to the order. This costs us about 2 cents a meal but is worth it to our business. Certain types of breakfast orders simply require butter to be at its best."

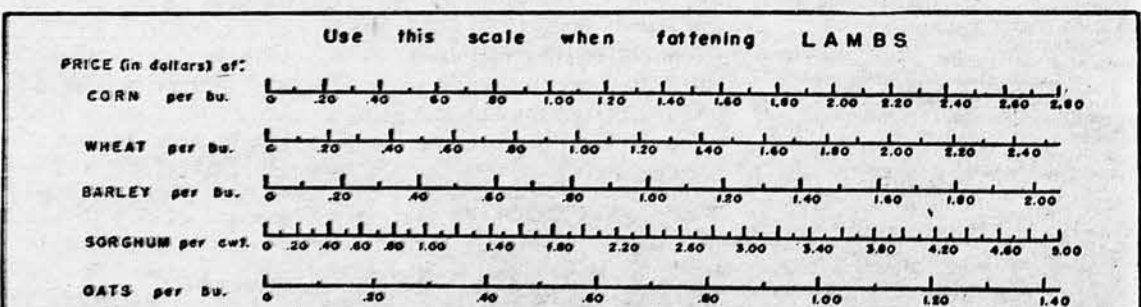
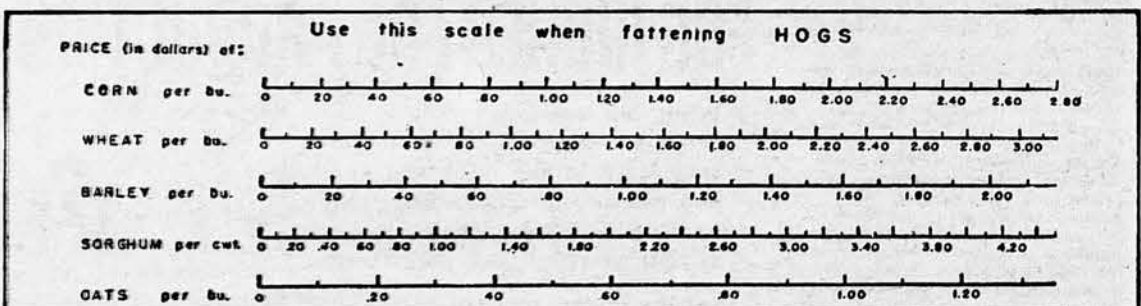
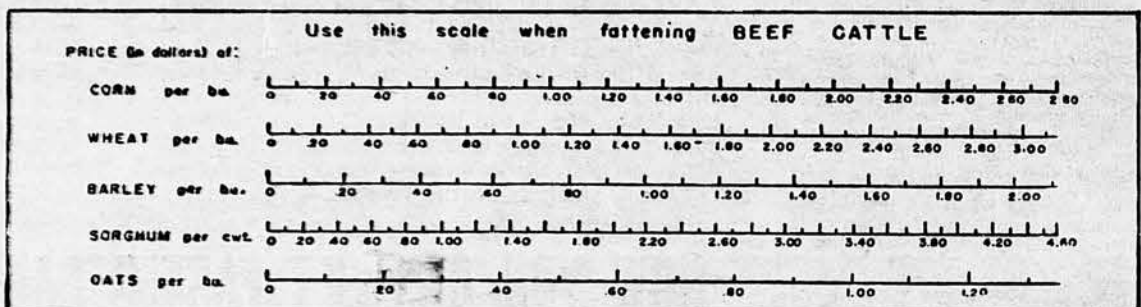
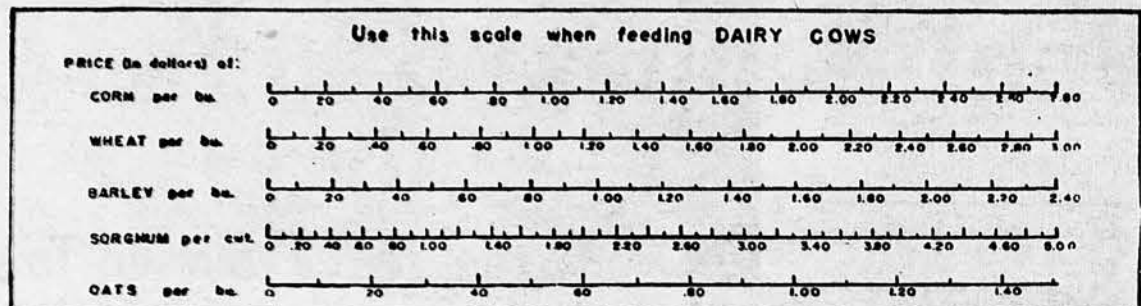
Ivan Pedan, White Swan Cafe, McPherson—"I like butter myself and feel my customers are entitled to the same consideration. Altho I figure it costs me more to serve butter, the difference per meal is too small to be considered at present butter prices. There is a chance of butter being priced out of our reach, however. I quit serving it once when the price reached 96 cents a pound and

did not go back to it until the price came down to 74 cents, I think, however, that serving butter definitely adds prestige to the restaurant that serves it."

Down at Wichita Continental Grill have 5 quality restaurants in operation. Last fall J. M. Baughman, manager of the grill at 125 North Market, started serving all eggs fried in butter to what customer reaction would be. "The results have been so favorable we probably will expand the idea to all 5 grills," Mr. Baughman reports. "While it requires special cooking ware to do a good job of frying eggs in butter, we are willing to add this expense to serve a high-quality breakfast for customers." Then Mr. Baughman goes on to pay a fine tribute to butter, puts it this way: "Serving butter in a restaurant is a sign of good management."

Despite all these testimonials for butter there still are many eating places in Kansas that do not serve butter. This is a real opportunity here for the Kansas dairy industry to prove to these operators that butter will benefit the business without adding too much

## These Feed Grain Scales Help You Pick Cheapest Livestock Ration



Feed Grain Substitution Scales Copyrighted 1933, Leonard W. Schruben, Kansas State College, Manhattan, Kansas

SCALES SHOWN HERE were developed by Leonard Schruben, Kansas State College agricultural economist, to enable you to decide which grain—relative to feeding value—will be your cheapest buy for fattening beef cattle, sheep and hogs, or for feeding dairy cows. Scales were prepared on the assumption grains were of equal quality, that costs of grinding and feeding would be the same, and that a balanced ration is fed.

Relative feeding value of a grain will vary with such things as proportion in the basic ration, size and kind of animal it is fed to. Be-

cause of these points, the scales are constructed to apply to the situation which generally prevails in Kansas.

To solve a typical problem, assume you need grain for dairy cows. You can buy corn delivered at \$1.60 per bushel and a comparable grade of milo at \$2.60 a hundred, also delivered. Which is cheaper? You read over on the "corn" scale for dairy cows to \$1.60 and by placing a ruler vertical to the line you find corn at this price is the equivalent of sorghum selling at \$2.85 a hundred. Thus, milo would be the cheaper feed in this instance.





## SWIFT'S 1953 REPORT TO YOU

**73<sup>3</sup>/<sub>10</sub>¢** of Swift's  
1953 average dollar  
was paid for  
livestock and  
other agricultural  
products

### Quick Facts

The financial report of Swift & Company for 1953 shows:

Total sales of all Swift's products amounted to \$2,597,203,715

Swift paid out for livestock and other agricultural products, and other costs of doing business, as described below: \$2,563,300,421

Total net earnings for the year: \$33,903,294

# What Happened to the Other 26<sup>7</sup>/<sub>10</sub>¢?

## Here's Where the Other 26<sup>7</sup>/<sub>10</sub>¢ Went

### For Labor

Almost half of the 26<sup>7</sup>/<sub>10</sub>¢ was paid out for wages and salaries, including employee benefits. Swift paid out \$324,027,305 to 78,500 men and women employees last year.

### For Supplies

Swift spent \$127,763,430 for salt (7,500 carloads), fuel, containers, paper and thousands of other items necessary to process and move products from you to consumer.

### For Transportation

It costs about \$617.00 to move a carload of beef from Omaha to Boston. Meats move an average of 1,000 miles from open range to kitchen range. Truck and railroad transportation cost Swift \$66,353,828.

### For Taxes

Last year Swift & Company paid to Federal, State and Local governments \$49,912,271 in taxes. This amounted to an average of \$636.00 per employee of the company.

### For Other Business Expenses

Research, marketing services, advertising, depreciation, interest on borrowed money, and all other necessary business expenses cost \$91,805,728.

### Swift's Net Profit Per Dollar of Sales

With all costs paid, there remained out of the Sales Dollar, 1<sup>3</sup>/<sub>10</sub>¢ for Swift & Company. The 65,000 shareholders were paid for the use of their money in the form of dividends. The remainder was retained for use in the business. It will serve to improve further the efficiency of Swift & Company's operations.

## The 26<sup>7</sup>/<sub>10</sub>¢ Provided These Essential Services

 BUYING LIVESTOCK and Other Agricultural Products	 PROCESSING Products for Food and Other Useful Purposes	 PACKAGING For Sanitation and Greater Sales Appeal
 LOADING Into Trucks, Railroad Cars	 TRANSPORTING Livestock, Meats and Other Products	 ADVERTISING - T V, Magazines, Newspapers, "Breakfast Club" (Radio)
 SCIENTIFIC RESEARCH To Develop New, Improved Uses for Your Products	 MERCHANDISING Retail Store Displays, Consumer Surveys, Etc.	 OUR MARTHA LOGAN Test Kitchens Broaden Demand for Your Products

## This Is America's Biggest Service Bargain!



A. L. Bruckner

### Treasurer's Comment

The picture-story above points out the many necessary services Swift & Company performs in converting your agricultural products into usable form; and distributing them to thousands of sales outlets all over America.

All of these services cost money, as the figures above indicate. Yet they are performed with an economy and efficiency which few other industries in the world can match.

The item shown as "Net Profit per Dollar of Sales—1<sup>3</sup>/<sub>10</sub>¢" is what is left over after all costs are paid. It is the profit Swift & Company

received for doing all of the essential jobs.

Swift & Company earnings last year amounted to less than 1/2¢ per pound on all products we handled. This very narrow margin of profit is so small that it could not have an appreciable effect on the price of livestock, or on the price you paid for meat.

*A. L. Bruckner*  
Treasurer, Swift & Company

**Swift & Company**  
UNION STOCK YARDS, CHICAGO 9, ILLINOIS

*Nutrition is our business*



look for this  
trademark

when you buy  
creosoted  
fence posts



## the BIG "D" is your Guarantee against fence post failure

When you buy Dierks posts with the big aluminum "D" on the end, you *know* you're getting genuine pressure-creosoted posts that will last up to 30 years. When you see the bright aluminum disc, you know you're getting a post that you can *set* and *forget*. Every Dierks post is treated in accordance with the specifications of the American Wood Preservers Association, under high temperature and pressure—the creosote is forced deep into the wood, guaranteeing long fence post life.

But *be careful!* Many unsuspecting farmers have bought cheap "dipped" posts thinking that they were pressure-creosoted. All black posts are not alike! Without a laboratory analysis you frequently cannot tell the difference between a dipped post that may last 3 to 5 years and a genuine pressure-creosoted post that will last up to 30 years. That's why it's so important to look for the big "D" on the end of each post—that way, you *know* you're getting the real thing!

Buy creosoted posts only from reputable lumber dealers, and look for the manufacturer's identification. Look for the aluminum disc with the big "D" which is placed on the end of every genuine Dierks Pressure-Creosoted Fence Post.

## "D" for Dierks, "D" for Dependability

Product of Dierks Lumber and Coal Company,  
producers of Quality Southern Pine Lumber since 1900.

**FREE!**  
**3 new**  
**booklets**

1. "Black Post Racket Exposed!" tells how to identify genuine pressure-creosoted posts.
2. "Fences That Pay" tells how to build and maintain good fences.
3. "Pole Barn Construction" gives practical pointers on this new farm building technique.

**USE THIS COUPON TO SEND FOR ALL THREE TODAY!**

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Kansas City 6, Mo.

Please send me your 3 new free booklets.

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Address.....

City.....

State.....

## MOST FARM INTEREST CENTERED ON PRICE SUPPORTS

—said Congressman Clifford Hope

Board of Agriculture in annual convention elected L. H. Galloway president; asked equality in prices, taxes; urged soil-erosion control, support for Kansas fairs

LEW H. GALLOWAY, WaKeeney, was elected president of the Kansas State Board of Agriculture at the 83rd annual meeting held January 13-14-15, at Topeka. Everett Erhart, Stafford, was elected vice-president, and Donald Christy, Scott City, treasurer. Roy Freeland was reappointed secretary.

Board members re-elected for 3-year terms are Harold Staadt, Ottawa; Walter A. Hunt, Arkansas City; Donald Christy, Scott City; and H. H. Smith, Smith Center.

Members of the board's important policy committee are R. C. Beezley, Girard; Roy Freeland, Topeka; Lew Galloway, WaKeeney; Walter Hunt, Arkansas City, and Perry H. Lambert, Hiawatha.

Delegates to the convention heard Congressman Clifford Hope, of Garden City, report that a great majority of the Nation's farmers favor continuation of 90 per cent of parity price supports. Hope, who is chairman of the House Agriculture Committee, said his committee had just completed a 20,000-mile tour to sound out farmer thinking on farm programs. "Most of the farmer interest was centered on price supports," he said. "Next was farmer concern on the problem of how young men who want to farm can get sufficient credit to start."

### Must Watch These Things

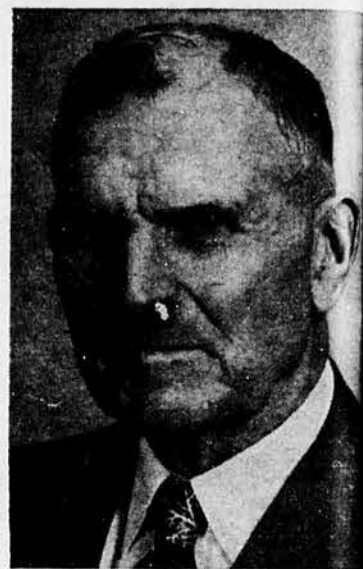
Summarizing the terrific jolts suffered in the last 2 years by cattlemen, A. D. Weber, dean of the school of agriculture, Kansas State College, said most of them will survive.

Looking to future security of the cattle business in Kansas, Doctor Weber said cattlemen must watch these factors: Gear feed supply to cattle numbers by insuring feed reserves; keep cattle program flexible enough to meet changing conditions; improve quality and watch seasonal trends that were overlooked during the recent lush period of the cattle business; remember that younger, well-finished cattle marketed at lighter weights are now in highest demand.

Dean L. C. Williams, director of the Kansas State College Extension Division, outlined Extension programs of the past, pointed out how diversified is the approach of Extension education and gave examples of results. Extension now is offering farm families a complete farm and home program thru the 10 points of Balanced Farming, Dean Williams said.

### Need More Sorghums

W. W. Duitsman, superintendent of the Ft. Hays Branch Experiment Station, told delegates that farmers in Central and Western Kansas can in-



Lew H. Galloway  
WaKeeney, President, Kansas State Board of Agriculture

sure a more stable agriculture by converting some wheat acres to grain and forage sorghums.

Such diversification will spread machinery costs, Duitsman said, and have many other advantages, such as stabilizing livestock production. Comparative yield and gross return per acre figures at Colby and Garden City experiment stations for the period 1940 to 1951, show milo was more profitable than wheat either on continuous cropped or fallowed land.

Farmers need to pay even more attention to forage sorghums, however, Duitsman believes, as a major problem in Central and Western Kansas is sufficient roughage supplies.

### More Marketing Help

Merrill Wertz, new director of marketing for the Kansas State Board of Agriculture, told delegates that in the past all the emphasis has been on production. Now, he says, we need to pay more attention to quality rather than quantity, and to better marketing methods to expand sales.

Until recently, Wertz said, the main functions of the state board had been regulatory. Now, thru its marketing division, the board is in the process of working out programs to help farmers with marketing problems on wheat, dairy products, poultry and eggs, fruit and vegetables, livestock and meat. "Our one over-all objective," he said, "will be to help increase the relative net income to producers, and also raise the quality available to consumers."

(Continued on Page 18)

## BOARD OF AGRICULTURE ELECTS OFFICERS



OFFICERS FOR 1954 of Kansas State Board of Agriculture named at annual meeting, January 13 to 15 at Topeka, are, left to right: Roy Freeland, Topeka, secretary; Lew H. Galloway, WaKeeney, president; Everett Erhart, Stafford, vice-president and Donald Christy, Scott City, treasurer. Retiring president is William Condell, El Dorado, farmer-stockman.





In most soils, probably *yours*, the Ferguson "30" will turn three furrow slices easily and smoothly! We'll prove to you...

## Why Ferguson can be a 3-plow tractor

It's because of the Ferguson System. It makes a single unit of the plow and tractor by means of converging, 3-point linkage and a built-in hydraulic controlling mechanism.

As you plow with this integrated unit, the Ferguson System actually makes use of the plow's weight, plus the weight of the soil forces on the plow. It automatically *adds* tractive weight to the tractor, as you need it—through the *hydraulic system*. On light jobs, when you don't need as

much tractive weight, it's not there to waste your fuel!

That makes Ferguson different! Even though other tractors may hook up at 3 points and have some form of hydraulic system.

We can understand it if you want proof that the Ferguson has the power and weight to do your big jobs. You deserve that proof... and you can get it by taking advantage of the offer that's printed in the column on the right.

You'll see more and more of the

# Ferguson "30"

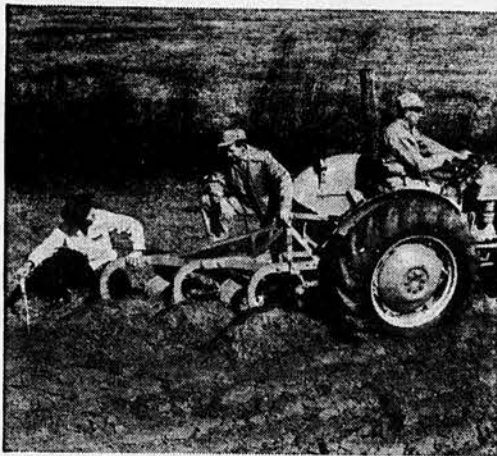
CALL YOUR NEAREST KANSAS FERGUSON DEALER



You lift this Ferguson Tandem Disc Harrow by a touch of the Ferguson System finger tip control lever... to transport, to cross grassed waterways, to back into corners and implement sheds. No special tools needed to attach in just 60 seconds, and a flick of a lever changes the angle of the gangs. Ask your Ferguson Dealer!




Ever see a better idea for transporting an implement that's seventeen feet, six inches wide? It's the four-section Ferguson System Spike Tooth Harrow... designed to put finishing touches on seedbed preparation. Lifts for trash clearance, folds and locks upright for gate clearance and road travel. Weighs just 660 pounds, has a spring tension spike adjustment. Ask your Ferguson Dealer!



Yours for the asking—a sample of Ferguson System farming! Print your name and address in the margin and mail this advertisement to: Ferguson, Racine, Wisconsin. We'll send an expert to your farm to give you a sample of the Ferguson "30" doing *your* big jobs. Write now!

Only Ferguson Dealers can give you the genuine Ferguson System, because Ferguson is the only tractor in the world being made with the complete Ferguson System! Don't let anyone tell you that any other tractor gives you all the Ferguson System benefits. It just isn't true. To get the *truth*—ask your Ferguson Dealer *first!*





**Prince Albert**  
CRIMP CUT  
LONG BURNING PIPE AND  
CIGARETTE TOBACCO

*Nature  
in her own sure way  
put the flavor in **PA.***

FULLY AGED, MELLOW-RIPE TOBACCO!  
Crimp cut, mild and tasty Prince Albert gives you pipefuls of pleasure, with P.A.'s natural, grown-in goodness held and heightened through the special Prince Albert process!

Tune in "Grand Ole Opry", Saturday Nights on NBC

"I LIKE THE WAY  
CRIMP-CUT P.A. ROLLS UP  
INTO SUCH A FIRM, FINE-TASTING  
'MAKIN'S' SMOKE!"  
*Lester Weighon*  
Machine-shop foreman

"IT'S THAT  
CRIMP-CUT THAT MAKES  
PRINCE ALBERT PACK SO NEAT  
IN MY PIPE AND SMOKE SO SMOOTH  
AND NATURAL-LIKE!"  
*Eugene Yetter*  
Hunting-lodge operator

**PRINCE ALBERT**  
AMERICA'S LARGEST-SELLING SMOKING TOBACCO

P. S. from P. A.: The ladies welcome P. A.'s light, clean aroma when the menfolks smoke it!

#### Buy U. S. Savings Bonds



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Roll and unroll barbed wire with tractor power and speed. Heavy duty slip clutch. Keep wire tight. Collapsible spool. Very low cost. Write for FREE literature.

Dept. A-7

**MIDWEST WIRE AND STEEL CO.**

South St. Paul, Minnesota

#### WE KANSAS FARMERS by Ralph Snyder

A concise history of Kansas farm organizations and co-ops from 35 years experience in this work.

Price.....\$2.00, plus tax

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**THE KANSAS CO-OP COUNCIL**  
523 Garlinghouse Bldg.  
TOPEKA, KANSAS



1st in KANSAS FARMER series on  
Kansas-reared agricultural leaders . . . .

#### WHERE ARE THEY NOW?

Franklin L. Parsons was one of the first group of 4 Kansas 4-H Club members to attend the National 4-H Camp at Washington, D. C., for outstanding leadership activities, in 1926. He was graduated with a bachelor's and a master's degrees in agricultural economics at Kansas State College, in 1932 and 1933.

From 1933 to 1935 he was Land Bank Appraiser for the Farm Credit Administration. After 10 years at Kansas State College as agricultural economist he moved to Minneapolis, Minn., to accept a position as agricultural economist with the Federal Reserve Bank. In 1949 he was made an officer of the bank with title of Associate Director of Research.

(Editor's Note: Have you wondered what happened to some of your old 4-H friends in Kansas 4-H work? Send their names to us, and we will try to give you a story on them.—R. H. G.)

#### Most Farm Interest Centered On Price Supports

(Continued from Page 16)

doing a more efficient job of marketing and distribution, and at the same time lowering the relative price to the consumer. If our activities to help producers do not also help consumers they will be of small merit."

Howard M. Immel, chairman of the Kansas Citizens Commission on Tax Assessment and Equalization, explained the study his commission has made of Kansas tax problems. He pointed out that rural residents have been paying higher taxes in most counties compared to city residents of the same counties, and that assessment adjustments are due over the state.

In their adopted resolutions delegates declared that "establishment of lasting peace and understanding among nations is the most vital public problem today."

Highlights of resolutions are:

Prosperity needs healthy circumstances in labor, industry, business and agriculture, with a friendly and equitable relationship existing among them.

Agriculture's ability to contribute to national strength is dependent on farm income adequate to meet production costs, provide for proper maintenance of soil fertility, provide a satisfactory standard of living for the people, and serve as an incentive to keep a goodly portion of our farm youth on the farm.

Commended USDA efforts to expand agricultural markets.

Urged encouragement of better quality farm products and more intelligent usage of merchandising techniques.

Commended study of spread between

producer and consumer prices of agricultural commodities.

Pointed out serious need for uniformity and equity in property assessments.

Asked for federal legislation requiring that feeds and other materials moved intrastate comply with provisions of the noxious weed laws of states into which they are moved.

Urged intensification of soil erosion control and flood prevention through a program of runoff and waterflow retention.

Recommended a revision of present social welfare administrative regulations that would encourage persons earn partial support.

Urged every possible effort to encourage further expansion of rural electrification.

Urged legislative action or whatever necessary to encourage owners of farm property to improve, rather than destroy or remove existing farm buildings.

Asked a study by the State Legislative Council and a statute proposed that would require strip mine lands be leveled, seeded, and the tax value thereby restored.

Urged national manufacturers, industry in general, to expand exhibits at Kansas fairs so Kansas farmers learn of new methods and ideas that will benefit Kansas agriculture.

Asked the legislature to give careful study and consideration to the Kansas Wheat Bill, as proposed by the Kansas Association of Wheat Growers.

#### HONOR KANSAS BROILER QUEEN



KANSAS BROILER QUEEN, Sally DeForest of Peabody, was honored at Topeka, at annual banquet of the Kansas State Board of Agriculture, January 13. Roy Freeland, left, secretary of the Board, extends his congratulations to Miss DeForest and her father, John DeForest. The Queen is a student at Kansas State College.



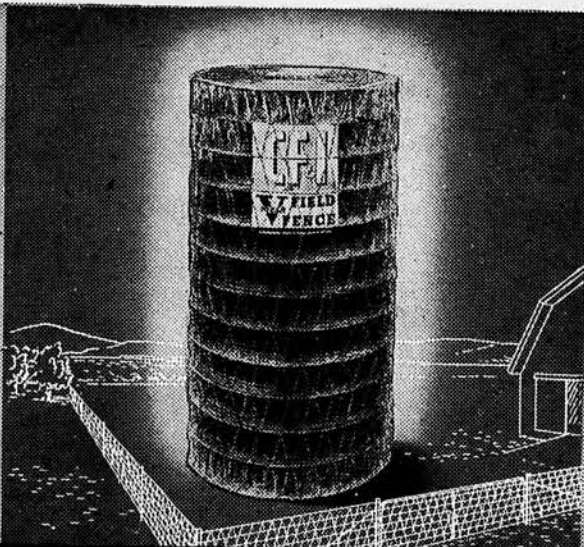
**THIS BRAND  
IS  
YOUR  
PROTECTION**



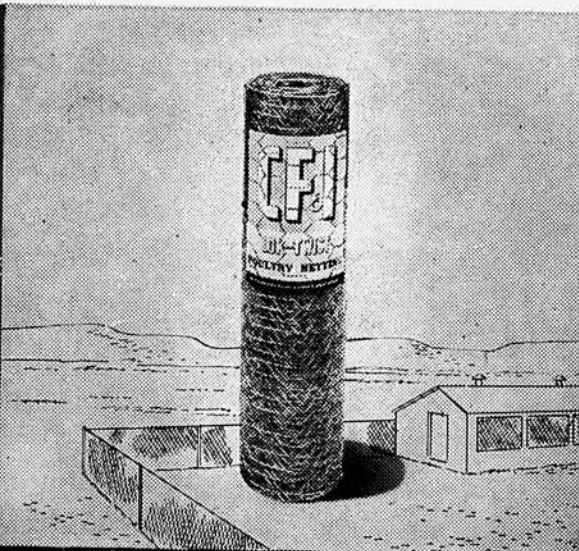
# STEEL PRODUCTS for FARM and RANCH



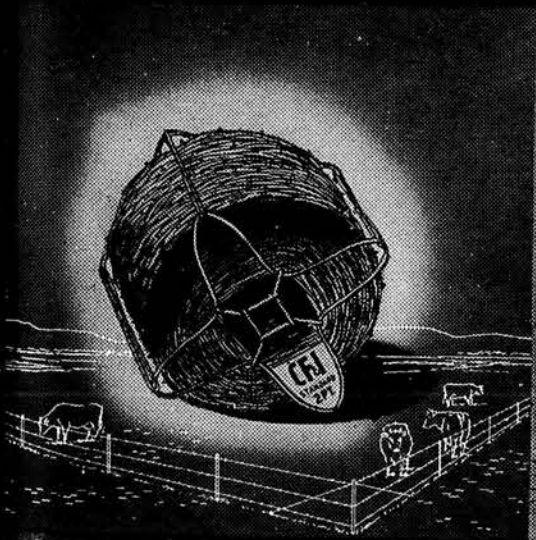
WOVEN FIELD FENCE



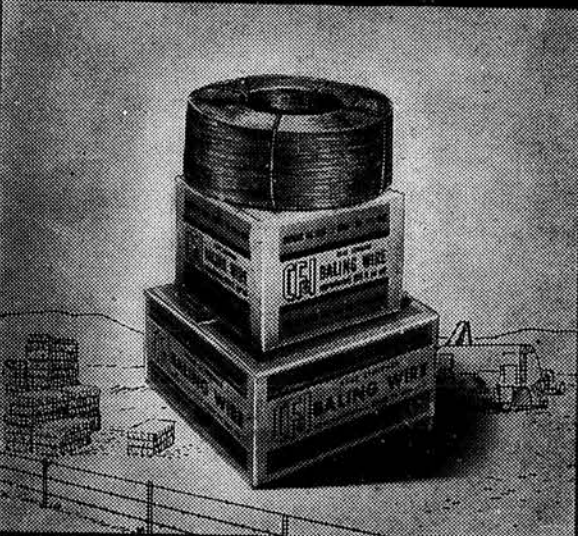
V-MESH FENCE



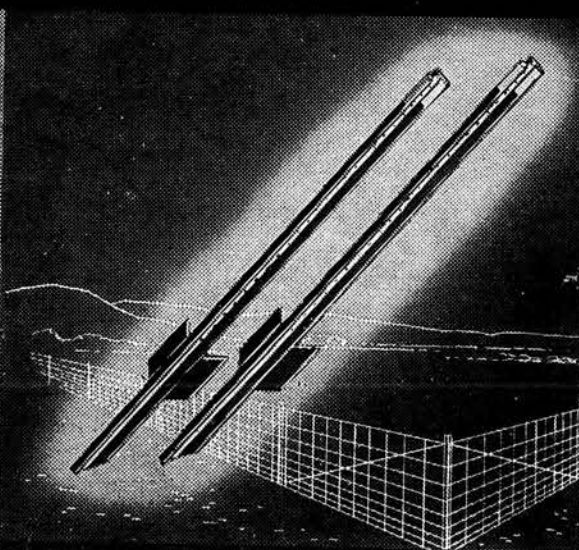
POULTRY NETTING AND FENCE



BARBED WIRE AND STAYS



COILED BALING WIRE



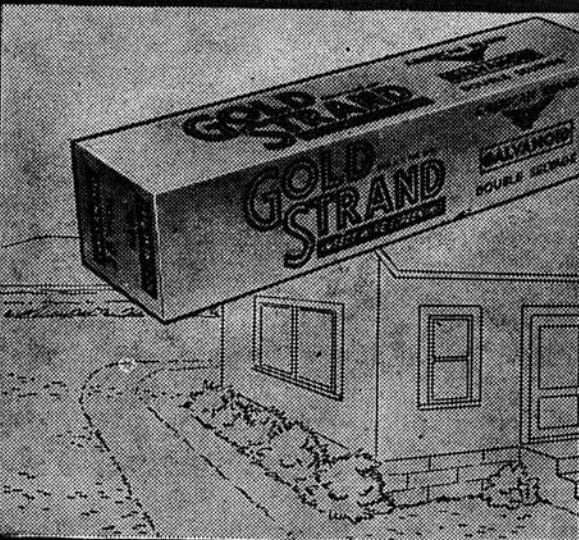
FENCE POSTS



HARDWARE CLOTH



GENERAL PURPOSE FABRIC



INSECT WIRE SCREENING

1759

THE COLORADO FUEL AND IRON CORPORATION • Denver, Colorado  
PACIFIC COAST DIVISION • Oakland, California



**THE COLORADO FUEL AND IRON CORPORATION**

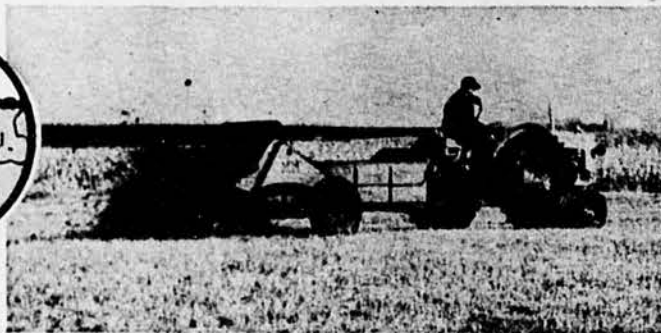
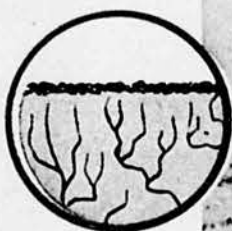
KANSAS STATE UNIVERSITY LIBRARY

Door Hardware • Stucco Netting  
Ornamental and Flower Bed Fence • Nails  
Springs • Gates and Accessories





here's what  
a worm's eye sees  
when you fertilize,  
harrow, and seed  
with these **MM** modern  
machines



#### MANURE SPREAD FOR TOP SOIL-BUILDING VALUE BY YOUR MMLS-300 MANURE SPREADER

Manure does *more* . . . for your land, for your crops, when you spread it with the Minneapolis-Moline LS-300 Spreader. It's thoroughly shredded, distributed evenly, at the rate you want.

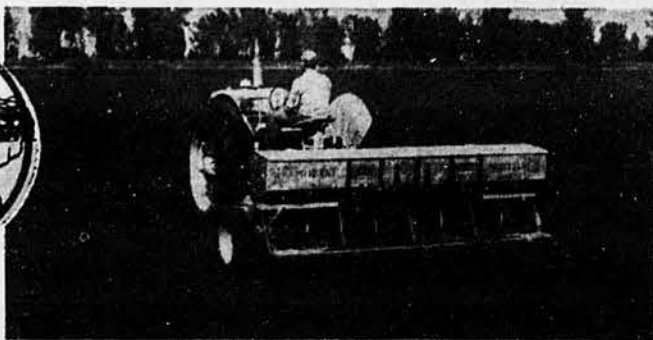
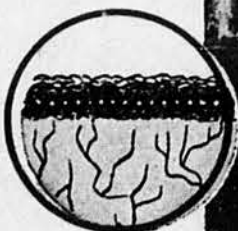
Loading is easier than ever with the LS-300, lowest built spreader in its size. Big 75-80 bushel capacity means fewer trips, more ground covered with each load, less work.



#### SOIL WORKED TO UNIFORM DEPTH BY YOUR MMTANDEM DISC HARROW

You cut cleanly through trash, stubble and clods, mulch the soil to a perfect seed bed with the MM Tandem Disc Harrow. Full 7-inch spacing between discs means wider cut, faster work.

Bearings never need oiling or greasing; scrapers really keep discs clean. You angle discs from the seat with MM Uni-Matic power; turn as short as any row crop tractor can turn.



#### SEEDS ACCURATELY PLACED FOR EVEN GROWTH BY YOUR Moline-MONITOR GRAIN DRILL

You couldn't match the precision of a Moline-Monitor Grain Drill if you placed every seed by hand! It is this pin-point accuracy that makes MM Drills first choice of so many farmers.

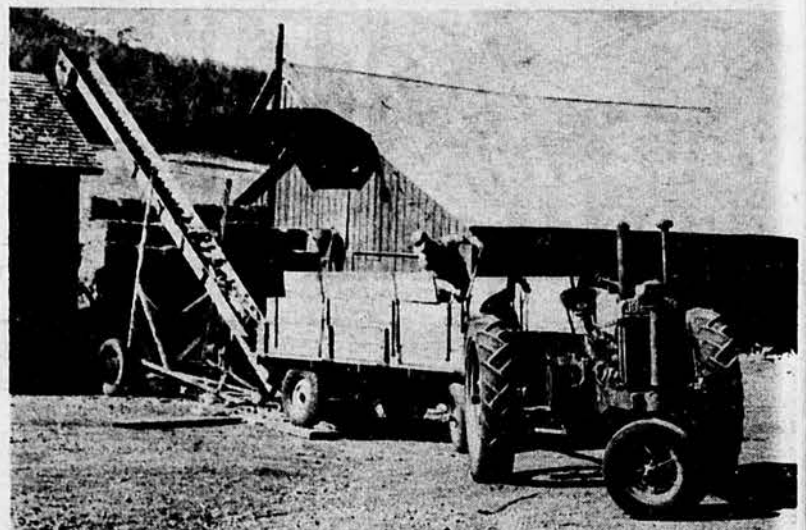
Your MM Grain Drill handles everything from flax to beans without special seed gates. You select either famous MM Fluted Feed, or the Double-Run type, to suit your needs.

See the FACTS . . . Ask your MM dealer for a demonstration . . . soon!

**MINNEAPOLIS-MOLINE**  
MINNEAPOLIS 1, MINNESOTA

## Here's a Better Buy Than Farm Labor

(Continued from Page 6)



FARMERS ARE rapidly adapting elevators to do many backbreaking jobs. Here L. W. Shoemaker, Leavenworth county, finds easy way to get his corn crop in the bin.

the farm is equipped with hydraulic lifts. "The hydraulic lift is one of the greatest improvements ever to hit the farm," says Mr. Griffith.

Lawrence J. Holthaus, of Nemaha county, farms 400 acres and handles a deferred-fed cattle project. He says: "I couldn't begin to handle my farm unless I kept modernized on machinery." Within the last year he has purchased a new tractor, a new mounted corn picker and a new feed mill. The feed mill is of a new portable burr type that "does not pulverize the feed so much," says Mr. Holthaus. Like the Griffiths, Mr. Holthaus has all his field implements equipped with hydraulic lifts. He figures on trading in for a new tractor every 4 years.

#### Can Stand More Grass

Duane Todd, a Seneca implement dealer, thinks farmers in that area need to do less clean plowing, with a change-over to using implements that will keep more crop residues at or near the surface. "Farmers are buying more field choppers," Mr. Todd says. "Our area could stand more seeding of grass mixture and more use of fertilizers. Farmers have been doing a good job on soil conservation and there has been a big increase in fertilizer use the last 3 years, but a lot more is needed."

Emil Claeys and Sons, Marshall county, farm a section of land with three fourths of it cropland. Marysville implement dealers say the Claeys do a good job of keeping modernized on machinery needs. Morris Claeys, one of the sons, says: "We do a lot of our terracing and need heavy equipment. We try to keep our machinery modernized and in good repair. We do our machinery maintenance." Members of the family bought 2 new heavy tractors during the past year.

Bob Jones, Washington implement dealer, points out that farmers in his territory are showing considerable interest in implements that can be mounted on the tractor. "Farmers here

are buying more of these attachments that can be mounted on the same tractor to do various harvesting jobs," says.

John Stigge, a Washington county farmer, says field cutters and power trailers that are self-unloading have been the biggest labor-savers in his farming operations. "This past year," he says, "I also purchased a sprinkle type irrigation system to use on corn and alfalfa. It paid the biggest return of any recent investment I have made. Within the last year Mr. Stigge has modernized his equipment with addition of a new feed mill, lister and blower.

L. W. Shoemaker, Leavenworth county farmer, says: "By using a corn picker, trailers and a grain elevator 3 men now can harvest 20 acres of corn on my farm in 1½ days. Before modern machinery was available it took 2 or 3 weeks of back-breaking labor."

More and more you folks are telling us farm labor either isn't to be found or that the kind available is not always reliable. Perhaps you can eliminate the farm labor need entirely by modernizing your machinery needs.

#### Wins U. S. Award

National agricultural achievement award given by W. G. Skelly, for the week ending January 16, goes to Kansas—Robert Teagarden, La Cygne, Linn county. The award consists of \$100 U. S. Savings Bond, gold lapel pin and a handsome scroll.

The winner operates 1,000 acres, recognized for outstanding farm achievements and record of community service. Chief farm products are beef, pork, poultry meat, eggs, corn, wheat, oats and beans. The Kansas Bankers Association recently honored him for his outstanding soil conservation record. Good conservation practices followed, fertilizers are applied, and waterways, terraces and diversion ditches have been established.

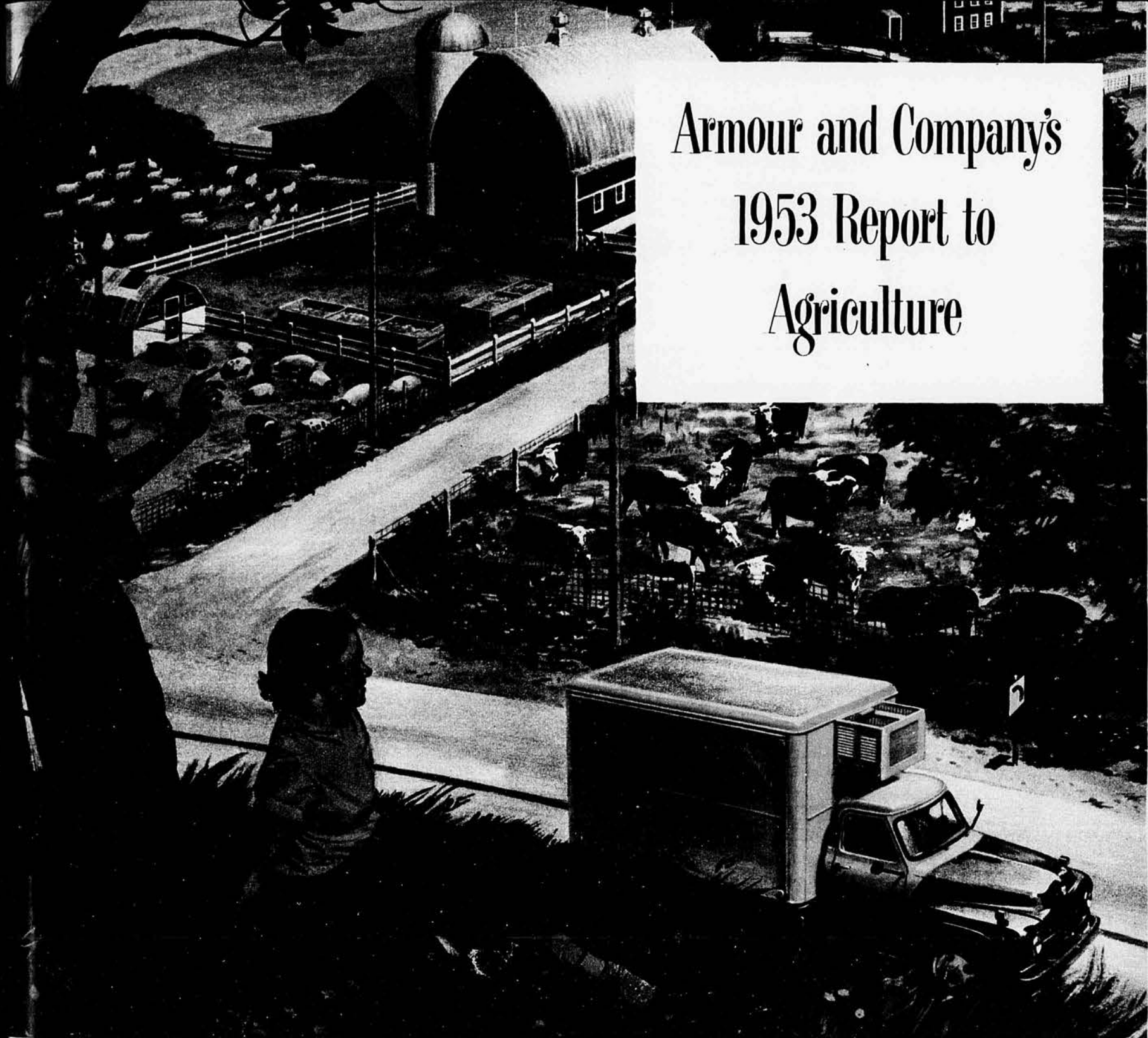
#### I WONDER HOW THAT STARTED

"A Horse, a horse!  
My kingdom for a horse!"

This ancient adage, meaning popularly to want something to rescue one from a situation, is credited to King Richard the 3rd, of England. In a furious battle with the French, the tide of events was turning against the King and his troops. He foresaw victory slipping thru his fingers because his horse had lost a shoe! He is said to have turned aside, crying "My kingdom for a horse!"







# Armour and Company's 1953 Report to Agriculture

## For their future—security through livestock farming!

We believe that the most secure future in farming—for you and for your children—lies in more livestock—and better livestock!

There is always a ready demand for meat, dairy and poultry products. And this demand continues to grow with our rapidly increasing population and rising standards of living.

Livestock, and dairy and poultry products are the farmer's largest source of income, accounting for more dollars than all other crops combined. Also, the income from the sale of livestock and livestock products is steadier through the year and much more readily available. A farmer with livestock can convert them into cash whenever the need arises.

The declines in farm prices in 1953 presented some very real problems, but here are some figures which will probably surprise you. The total amount of money paid out for livestock, dairy and poultry products and other raw materials by Armour and Company during our fiscal year came within 6.8% of equalling our 1952 payments . . . within 10% of our all-time high of 1951.

In analyzing the future of livestock farming, we should remember that high livestock and meat prices in themselves do not mean prosperity in our industry. This is because high prices always come at a time when we don't

have a lot to sell. The 1953 record of hog prices is an illustration. Prices were higher, but the number of hogs marketed went down. The producers who went out of the hog business certainly did not profit by the high prices.

What we all want to see is fair prices for a steadily growing volume of meat, milk and eggs with the farmers getting more dollars to help their purchasing power keep pace with that of the rest of the nation.

The healthy competition of more than 4,000 meat packers who bid for your livestock in hundreds of markets every day assures you of getting prices based on what the public is paying for meat and by-products.

This is why we urge you to raise the maximum number of animals your time and facilities permit. And we suggest that you produce the types of animals for which there is the greatest demand. It will also be to your advantage to plan on having your animals ready for market at the seasons when prices are usually at their peak.

As our part in helping to make your future in livestock farming more secure, we in Armour and Company pledge to continue processing your animals into the best possible products and selling them in markets which yield the best returns.

*Arthur H. Speck*

President, Armour and Company



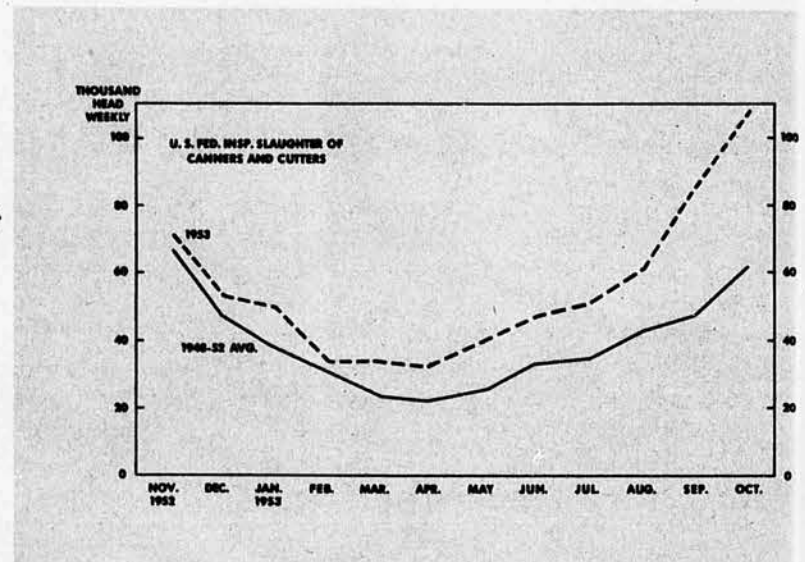
# Here's what happened to the livestock and meat markets in 1953

The charts on this page show exactly what happened to the livestock and meat markets during our fiscal year which ended with October, 1953.

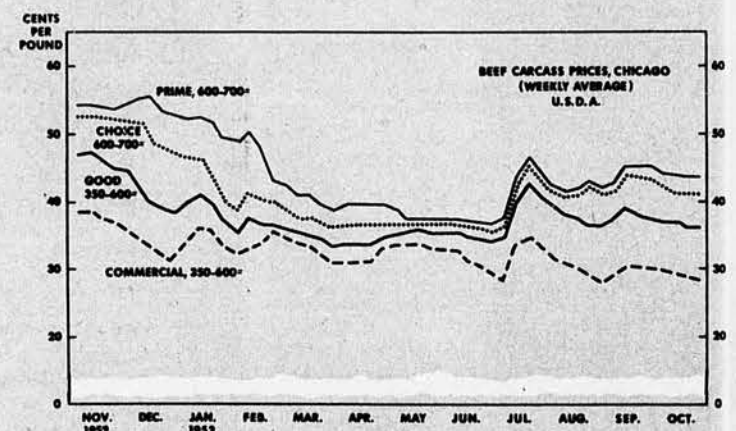
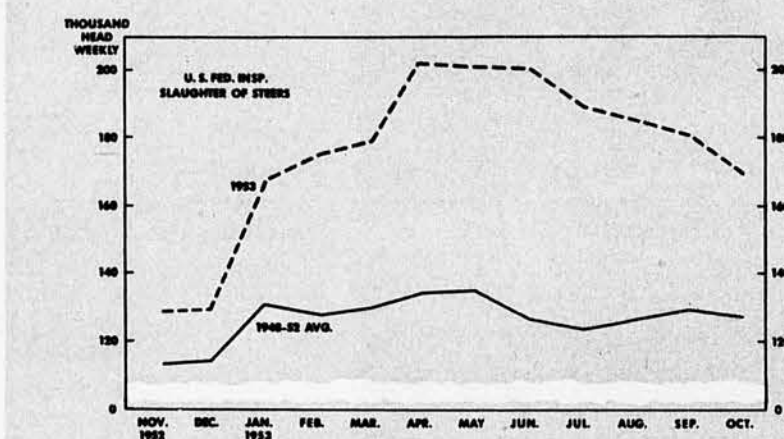
It is our hope that these facts and figures will be helpful to you in the planning of your future livestock farming—a future which we believe promises profitable returns and greater security for you and for your children through more and better livestock.

## New high for canner and cutter slaughter →

The federally inspected slaughter of canner and cutter cattle during our 1953 fiscal year jumped 41% above the average for the 1948-52 period. One of the factors of this high slaughter figure was the continued drought. Another factor was the sale of breeding stock which had been kept for building up herds since the 1948-49 low point in the present cattle cycle. Since this meat is lean and somewhat less tender than that of fed cattle, it requires extra processing before it is sold to consumers. To us in Armour and Company, this meant we had to increase our efforts to make and sell more sausage and canned meats than ever before.



## Beef prices vary with slaughter volume



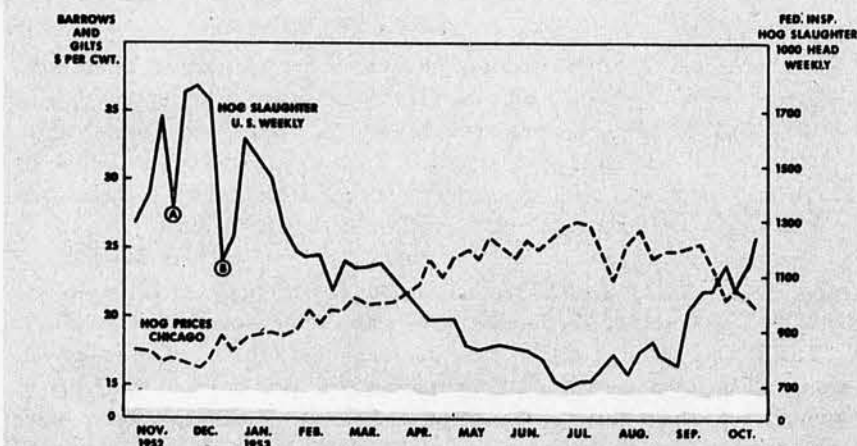
The above chart shows the weekly average of federally inspected slaughter of steers. During the unusually heavy spring slaughter, the 1953 figures were approximately 50 per cent over the highest period of the 1948-52 averages.

The chart at the right shows the weekly average prices for Chicago beef carcasses by grades. Notice again, that prices were depressed when the market was flooded with cattle during the spring. There was a short time when there was a difference of only 5 or 6 cents a pound between Prime and Commercial beef. At other times, Prime carcasses sold for 15 cents a pound, or more, above Commercial beef. These variations were governed very largely by the numbers

of each grade of cattle sent to market from week to week.

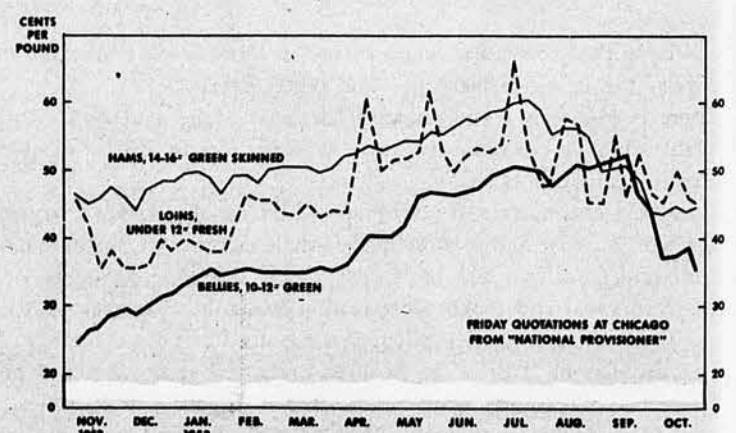
These widely fluctuating spreads in value between grades are not desirable and two things can be done to overcome them. First, we feel sure that the farmer who aims to produce Choice cattle which will dress at 500 to 700 pounds will find the best demand for his product. Second, consumers should be taught how to prepare and enjoy all cuts and grades of beef . . . then, they can get whatever is in best supply at any given day. This important consumer education project is one of our deepest concerns. Our Consumer Service Department's special merchandising services help accomplish this vital goal.

## Hog prices increased as slaughter dropped



The above chart shows the 1953 figures for federally inspected hog slaughter and barrow and gilt prices at Chicago. Here we see very graphic evidence that hog producers who planned to produce pigs for market in late spring, summer and early fall were rewarded in 1953. During the high slaughter winter months, prices were at their lowest. As the market supply of hogs dropped, prices started rising until they reached their peak in summer. While we will always have seasonal variations in hog marketings, a more even supply through the year would help the entire industry do a better job of marketing. (The dips in chart marked A and B represent Thanksgiving and Christmas weeks.)

## Supply and demand determine pork cut prices



This chart shows the variation of prices of three principal pork cuts at Chicago for 1953. A hog, or any other meat animal, is worth only what can be recovered from the products. Although the trend of all pork product values was high during 1953, there were times when ham prices went up while bacon prices went down. Then, in August, belly values kept going up while ham values took a sharp drop. And pork loin prices change even more rapidly because this meat is eaten fresh and must be marketed without delay. Consequently, the volume of hogs offered for sale in any one week has a great influence on pork loin prices.



## How Armour dollars were spent in 1953

Our total income in 1953 was \$2,090,071,571. After paying almost 78% of our income for farm products and other raw materials and supplies; 13% for wages to our 65,000 employees; 3% for hauling and shipping; 5% for maintenance, repairs, depreciation, power, communications, insurance, advertising, interest, etc.; and 1½% for taxes—Armour and Company's profit was less than half of 1%.

Surely, no other industry gives so much service to so many people for such a small profit as the packing industry.



**Farm Products, Raw Materials and Supplies**

$77\frac{91}{100}\%$  — Totalling \$1,628,272,800



**Wages to Employees**

$12\frac{85}{100}\%$  — Totalling \$268,486,608



**Transportation—Railroads and Trucks**

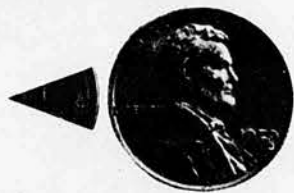
$2\frac{70}{100}\%$  — Totalling \$56,359,636



**Other Expenses**

(Maintenance, repairs, depreciation, power, communications, advertising, interest, etc.)

$4\frac{93}{100}\%$  — Totalling \$103,220,863



**Taxes**

$1\frac{12}{100}\%$  — Totalling \$23,392,500



**Profits**

$\frac{49}{100}\%$  — Totalling \$10,339,164

No other industry gives so much service to so many people for such a small profit as the meat packing industry!

## Here's what Armour is doing to build a better market for your livestock . . .

Unlike almost all other farm products, there is no livestock surplus. People like meat and poultry, and they will eat as much of it as they feel they can afford.

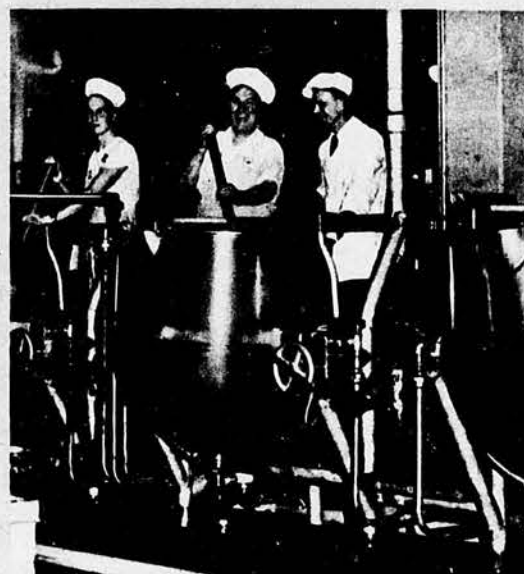
This situation is not accidental. It is the result of well-planned, well-executed programs.

The four pictures shown on this page illustrate just a few of the many ways in which Armour and Company creates new products . . . improved products . . . and then builds new consumer demand for these products with successful advertising and merchandising.



Preparing Frosted Meats

**Frosted Meats Mean More Meat Sales.** Armour and Company first introduced its 8-ounce consumer packages of frosted meats in 1950. They were met with widespread consumer acceptance because they offered the homemaker fine Armour Star meats in handy, convenient packages all ready for her own freezer. And homemakers are finding that with quick-frozen meats on hand at all times . . . they are actually serving more meat — more often.



Preparing Canned Meats

**Canned Meats Keep Livestock Prices Up.** If it were not for canned meats, the demand for cutter and canner cattle would be drastically less and so would be the prices paid to producers. This year, again, Armour Star Canned Meats increased its sales. Among our more than 25 "Pantry-Shelf" items, are such favorites as Treet, Corned Beef Hash, and Chili Con Carne. This year, we introduced two new items: *Gravy and Sliced Beef* and *Gravy and Sliced Pork*.



Preparing Franks

**The Average American Eats 23 Pounds of Sausage a Year.** Sausage also utilizes less tender cuts and grades of meat. The outstanding consumer acceptance of Armour Star sausages comes from their "localized" flavors and freshness. Each of Armour's many sausage kitchens can produce the kinds of sausage most popular in its area. And the nearness of these kitchens to so many markets means that Armour Star Sausage is sold in nearby markets while at the peak of flavor and goodness.

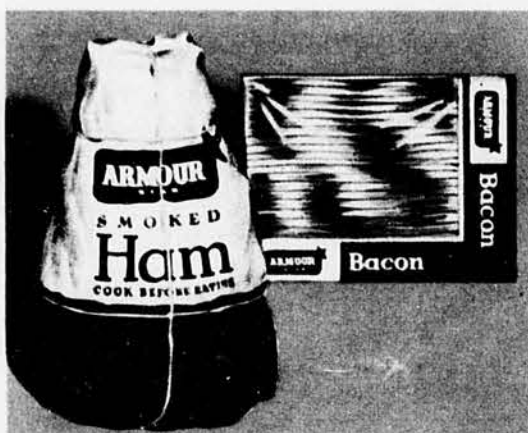
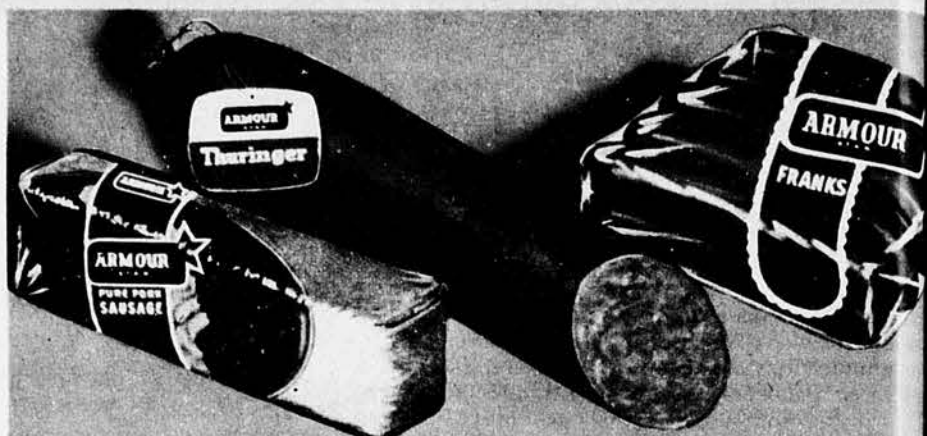


Making The Sale

**Advertising and Merchandising Work For You.** The above picture shows one of the thousands of stores throughout America where Armour merchandising men set up special "Food Festival" posters and displays which made more people stop, look and buy meats and meat products. Every day, in newspapers and magazines . . . on radio or television, Armour and Company reaches millions of consumers with effective advertising which also sells more meats and meat products.

**Armour and Company, Chicago, Illinois**



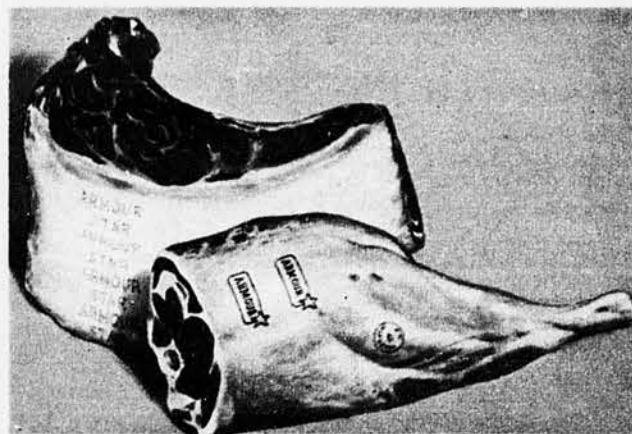
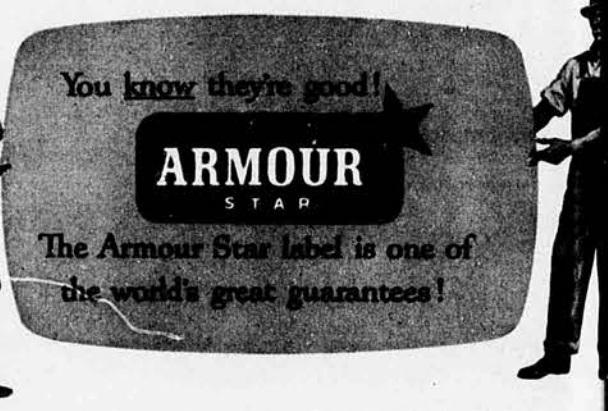


## It takes both of us!

The extra care you give to your work—farming to meet today's constantly rising standards—pays off in bigger markets. The high quality of your "raw materials" gives us a head start in pleasing customers—and winning new ones.

Every finishing touch we add to enhance this quality in our products pays off, too. Our 2,000 (and more) different products for farm, home and industry are making life easier, more enjoyable and more rewarding for millions of Armour customers—more of them every year.

We're sure you'll like what we've done to your "raw materials," too. We hope you'll start looking for the Armour name on products whenever you shop.



## Armour and Company

Buyer of hogs, cattle, calves, sheep, lambs, milk, cream, chickens, turkeys and eggs.

Seller of beef, pork, lamb, veal, butter, cheese, poultry, eggs, lard, shortening, margarine, ham, bacon, sausage, canned meats, canned foods, soaps, pharmaceuticals, tallow and greases, curled hair, chemicals from fats, glue, wool, leather, sandpaper, dog food, veterinary supplies, industrial oils, fertilizers and livestock feeds.



## Petunias, the All-Purpose Flower

By FRANK PAYNE

IF YOU WERE asked, "Which is more valuable, an ounce of pure gold or an ounce of Giant All-Double Petunia seed?" what would your answer be? Please don't say gold because gold is only valued at \$35 an ounce today, and you ordinarily cannot buy any as it is all under U. S. control.

You would be right if you said petunia seed is the more valuable. An ounce of hand-pollinated, Giant All-Double Petunia seed is worth several hundred dollars on the flower seed market today. This seed is produced in Japan, and during World War II it was all grown in Canada, was of excellent quality and brought a tremendous price.

### Buy Good Quality Seed

Now don't get too excited about the low price of just one type of petunia seed. You can buy good-quality seed for only a dime a packet. The single dwarf types are quite reasonable and will answer most purposes for farmstead beautification.

Petunia seed is quite small. A large teaspoonful would be about an ounce—that would be almost 256,000 seeds! It ought to give you an idea of how tiny they are. Please don't sneeze when you get into a packet of petunia seed or you sure won't have any seed left!

In sowing the seed the 2 hard parts of the job are not to sow too deeply and too thickly. Just sow in a flat box on top of finely-prepared soil early in February. Press seed into the soil with a board. When watering use a very fine spray, just a mist and keep a newspaper page over the top of the box so the soil does not get too hard and dry. After plants get a little size you can transplant into a small one-inch pot. This work with a toothpick to handle the baby plants, they are so small and helpless. But what a change they make after you get the plants started and they begin to bloom! There are so many places for petunias to be grown. They will grow in wet places, in places, hot or cool spots, close to buildings, in fact most any place where flowers would fail to live or bloom.

### Petunias Are Beautiful

Petunias will give you a beautiful flowering right up to a hard freeze. You can dig them up before they freeze, cut the tops back a few inches above the soil and plant in a pot, place in a sunny window and make a blooming petunia plant. I do not know of any other plant you can get more bloom from, that you can get more results from a packet of seed. And still I have told you all of their good qualities. As cut flowers they are the tops, keep them in water, are dainty, can strut their stuff in a dining table arrangement, on a coffee table in the living room, in a tiny vase on a dresser. Seems most any place you need flowers, petunias will fill the bill. Their stems are quite tough, have plenty of their own foliage

to take care of that, and look nice, too.

Another good place for petunias is at an amateur flower show. If you can make a lovely flower arrangement, by all means select a good bright petunia, all the same color or type and place in dainty vase or container. Practice making it several times so you will get real good at this arrangement business. I will almost wager you and your petunias will come back from the show wearing a blue first-prize ribbon and smiles. Even if you lose, be a good sport, try again next year or at another show and someday you will win when you get this flower arrangement well mastered.

### Consider These Types

Here are some types of petunias well worth considering. You can get them in the low dwarf, medium height or tall. They come in singles, all double dwarf, large flowering, plain edge, ruffle edged or fringed. All these types are highly recommended and can be bought at a reasonable price from your favorite seed store or flower counters. There are many named varieties, and some I can recommend in the single dwarf type are: Fire Chief, bright red. Rosy Morn, deepest rose pink. Heavenly Blue, light blue. Admiral, dark blue. Violet Queen, rich violet.

Now you can also sow petunia seed outdoors real early in the spring. Be sure to sow thinly. They do well in beds, along walks they will not fall over if you get the dwarf type. I recommend that you use all one color in your plantings in formal beds or along walks. They will look more showy and another reason, when they come up next year the volunteer plants will be the same color you planted. If mixed seed is planted you don't know what colors you will get.

### How to Select Plant

You can save a lot of your time by getting blooming size plants from your favorite greenhouse man. He has them in bloom about Mother's day, and you can select the color you like best. Be sure to select each plant with at least one bloom so you will be sure to get all the same color.

Some petunias have a slightly sweet fragrance, but it is not a strong odor like in some other flowers. If you have some certain problem you want your flowers to help you solve, I will wager petunias will do all that and more too. We just can't get along without petunias at our home. They are the mainstay of our garden and are so useful.

Oh yes, if you have several porch boxes to fill, try one entirely of "balcony-type petunias." They trail or hang down with beautiful, bright-colored single blooms that are sure to be the most outstanding and colorful on your porch. Petunias are a mighty useful flower anywhere you want to beautify on your farmstead.

## HINTS ABOUT CHRONIC AILMENTS

By Charles H. Lerrigo, M. D.

It was a damp, dreary afternoon when Uncle Jake hobbled into my office and said:

"If it ain't one thing it's another. What I've got now seems like a combination of rheumatism, lumbago, gout and stomach-ache. I'm hoping this rain will stop, in spite of the fact that I prayed for it, because one thing is I never feel quite so bad in bright weather."

His remarks led me to the definite conclusion Uncle Jake's feelings had much to do with his various types of illness, which is true enough of many chronic ailments. With chronic sufferers who have a multitude of ailments, my aim is to make particular search for anything that can be the basic trouble. I deal with this in my special letter, "Hints About Chronic Ailments."

This 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.

# Save Money on Phillips 66 Oils and Greases!

Here's all you do: Order your supply of Phillips 66 Motor Oils, Gear Oils and Greases. Set a delivery date between now and May 31, 1954. That's all there is to it.

## Here's How You Benefit

- **Generous Discounts** . . . you start saving money on orders as small as 15 gallons . . . discounts are up to five cents a gallon.
- **Top Quality Products** . . . you get all the special advantages of high quality Phillips 66 products.
- **No Down Payment** . . . you make arrangements for paying later.
- **Assured Supply** . . . you have the products you need when you need them.
- **Price Protection** . . . you are protected from any price increases.

Don't delay in getting your order in. Call your Phillips 66 Distributor today.

PHILLIPS PETROLEUM COMPANY





# Quickly adjustable Massey-Harris Plows



**28** PLOW — 2, 3, 4, 5 furrow sizes, 12, 14, 16-inch bottoms, 17 or 15-inch rolling coulters. Patented X-type frame bracing. Constant clearance lift. Adjustable cone-type wheel bearings.

**Built Stronger for permanent alignment...  
scour cleaner...pull easier...attach faster**

**T**HERE you have the qualities of a good plow... the reason why so many top plow men choose Massey-Harris.

The kind of job you get on your farm is the really important feature of Massey-Harris Plows — the uniform furrows... fewer air pockets... better granulation... the better pulverizing that cuts the cost of discing and rolling.

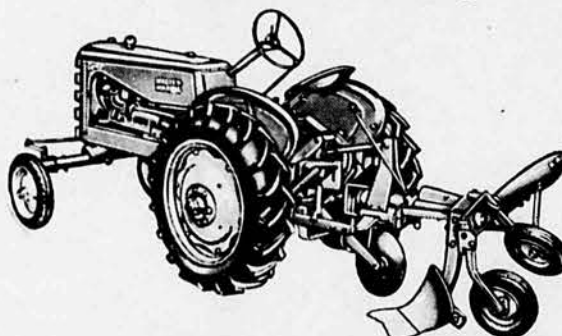
Built from the ground up for tough conditions, Massey-Harris plows are reinforced with patented X-type bracing — stronger, more rigid construction to take heavy continuous going, run true, reduce draft.

As a result, Massey-Harris plows pull easier, require less power, save fuel. They eliminate excessive strain and overloading on your tractor.

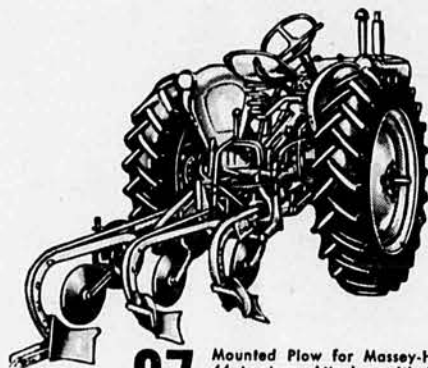
Big coulters slice through trash... cut clean furrows... prevent dragging, make covering easier. Clean scouring moldboards do a complete job of turning heavy sod and grain stubble. You move right along... plowing more acres... building a loose, well ventilated seedbed that gives plant roots a chance to expand and grow.

Easy adjustments let you get into the field sooner, finish faster. Moreover, they help you do a championship job... neat, evenly spaced furrows, evenly lapped to slow run-off.

Get the complete facts on the Massey-Harris moldboard or disc plow to fit your farm and soil. See your Massey-Harris dealer soon. For folder, write The Massey-Harris Company, Inc., Dept. B-75, Racine, Wis.



**34** PLOW... semi-rotating "V" type, 2-way mounted plow with power depth control. Attaches with standard 3-point hitch: 14 and 16-inch bottoms, 16-inch coulters. Easy tilting and leveling adjustments. Manual rotating unit, hydraulically raised and lowered.



**37** Mounted Plow for Massey-Harris 33 and 44 tractors. Attaches with 3-point hitch, raised and lowered hydraulically. A gauge wheel, regulated from the tractor seat, controls depth. X-type frame bracing, 12-, 14-, 16-inch bottoms, 16-inch coulters.

## Make it a Massey-Harris

Parts and Service through more than 2500 authorized dealers



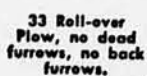
Massey-Harris Disc Plows in 2, 3, 4, 5 furrow sizes.



Mounted Disc Plow, 2 and 3 furrows, 26-inch blades.



27 two-bottom plow, low cost, top value



33 Roll-over Plow, no dead furrows, no back furrows.



Controlled through Massey-Harris 2-way Depth-a-matic System



Two furrow mounted plow, for Pacer Tractor.

**See these outstanding Massey-Harris Plows at your nearby Massey-Harris Dealer**

KANSAS DEALERS		
ALMENA.....Short Implement Co.	DODGE CITY.....Schroeder Implements, Inc.	KINGMAN.....Flickner & Kaufman Implement Co.
ANTHONY.....Farm Welding & Machine Co.	EASTON.....Meinert Hdw. & Impl. Co.	KINSLEY.....Farlow Implement Co.
ARKANSAS CITY.....Peters Implement Co.	ELLIS.....Farm Implement Co.	KIOWA.....Kiowa Implement Co.
ASHLAND.....Smith Implement	ELLISWORTH.....Ellsworth Farm Equip. Co.	KIRWIN.....Charles McDowell Chev. Co.
ATCHISON.....Allen Motor & Impl. Co.	EMPORIA.....Farmers Supply Co.	LA CROSSE.....Weigand Motor & Implement Co.
ATWOOD.....Worthy Implement Co.	EUDORA.....Rothberger Motor Co.	LARNED.....West-Barr, Inc.
AUGUSTA.....Mickle's Service	EUREKA.....Brenton Auto Service	LAWRENCE.....Lawrence Implement Co.
BELLE PLAINE.....Moffitt & Harding	FT. SCOTT.....Hammons Implement Co.	LEOTI.....Lewis Supply Co.
BELLEVILLE.....Swiercinsky Brothers	FRANKFORT.....Kuckelman Motor & Implement Co.	LIBERAL.....Tedford Implement Co.
BELOIT.....Fuller Implement Co.	FREDONIA.....Homer Neill, 432 N. 5th	LINCOLN.....Chard Motor Co.
BIRD CITY.....Bressler Impl. & Service	GARDNER.....Gardner Tractor Co., Inc.	LOUISBURG.....Hink Garage
BONNER SPRINGS.....Frazier-Pruitt Implement Co.	GARNETT.....Davis Sales & Service	LYONS.....Trowbridge & Pickerill Implement Co.
BUCKLIN.....Schellhomer Tractor Service	GOODLAND.....Craig Implement Co.	MANKATO.....Taylor Implement Co.
BUHLER.....E. & J. Super Service	GRAINFIELD.....Fritts Implement Co.	MARION.....Marion Motors & Machinery, Inc.
BURDETT.....Lester Bauer Implement Co.	GREAT BEND.....Walter Sears Store	MARYSVILLE.....Brauchi Brothers
CALDWELL.....Walt-Norton Chevrolet, Inc.	GREENSBURG.....Sundgren Implement Co.	MCPHERSON.....Carlson & Rankin Impl. Co.
CAWKER CITY.....E. C. Riley	HAYS.....Weiler Implement Co.	MEADE.....Meade Implement Co.
CHENEY.....K. & S. Motor Co.	HIAWATHA.....Hixson Implement Co.	MILBERGER.....Herman Radke Implements
CIMARRON.....Walker Sales Co.	HIGHLAND.....McKay Brothers	MINNEAPOLIS.....Gilley's Implement
CLAY CENTER.....Frick Implement Co.	HILL CITY.....Steward Implement Co.	MORRILL.....E. W. Willard Garage
COFFEYVILLE.....Isham Hardware Co.	HOLTON.....Farmers Union Co-op. Bus. Assn.	MOUND CITY.....Carbon Implement Co.
COLBY.....Dougherty Implement Co.	HOXIE.....Schlageck Motor & Equip. Co.	MOUNT HOPE.....Howard's
COLDWATER.....B. J. Herd Implement Co.	HUGOTON.....Garmon Implement Co.	NATOMA.....Natoma Implement Co.
COLUMBUS.....Paul Webb Farm Equip.	HUTCHINSON.....Hutchinson Impl. Co.	NESS CITY.....John Hann Implement Co.
CONCORDIA.....McGinnis Implement Co.	INDEPENDENCE.....Coleman Farm Equipment Co.	NEWTON.....Dey Farm Supply, Inc.
COUNCIL GROVE.....McClintock Motor Co.	IOLA.....Bradford Implement Co.	OAKLEY.....Park Implement Co.
CUNNINGHAM.....Kincheloe Implement	ISABEL.....Isabel Co-op Equity Exchange	OSBERLIN.....Oberlin Motor Co.
DIGHTON.....Dighton Farm Equip. Co.	JAMESTOWN.....Pfister Motor Co.	OSBORNE.....Swank Motor Co.
	JETMORE.....Shlew Motor & Impl. Co.	OSWEGO.....Oswego Implement Co., Inc.
		OTTAWA.....White Implement Co.
		OVERBROOK.....Ross A. Coffman & Sons
		PAOLA.....Egdy & Williams Implement
		PARSONS.....Farmers Co-op Assn.
		PHILLIPSBURG.....Phillipsburg Implement Co., Inc.
		PITTSBURG.....Z. & S. Implement Co.
		PLAINVILLE.....Farm Implement & Supply Co.
		ROSSVILLE.....Rossville Implement Co.
		ST. FRANCIS.....Daniels & Bressler
		ST. JOHN.....Stafford County Impl. Co.
		ST. MARYS.....J. P. Smith, K-F Motors
		SALINA.....Salina Farm Supply
		SATANTA.....Satanta Implement Co.
		SCOTT CITY.....Nickelson-Sawyer Implement Co.
		SCRANTON.....Scranton Implement Co.
		SEDAN.....Bain Motor Co.
		SELDEN.....Anderson Implement Co.
		SENECA.....Kuckelman Implement Co.
		SHAW.....Strange Tractor & Impl. Co.
		SMITH CENTER.....Pounds Motor & Implement Co.
		SYRACUSE.....Salter Implement Co.
		TOPEKA.....Topeka Implement Co., Inc.
		1808 N. Topeka Ave.
		TRIBUNE.....Tribune Sales Co.
		TURON.....Turon Motor & Impl. Co.
		ULYSSES.....Webber Supply Co.
		WAKEENEY.....Rupp Implement Co.
		WAMEGO.....Eddy Implement Co.
		WELLINGTON.....Etter & Harris Bros. Motor Co.
		WHITE CITY.....Brown Motor Co.
		WINFIELD.....Allred Tire & Brake Service

## Got a New Livestock Barn

(Continued from Page 1)

club leaders and older 4-H boys helped put up the building. It was completed on August 18, just in time for the county fair.

"The nice part about this project," reports Lowell D. Wickham, county club agent, "is that the entire promotion was worked out by farm people, all funds donated or paid into the project were from farm people, and all work donated was by farm people with one exception. The Kansas Gas & Electric Company provided equipment and labor to dig holes for the poles."

Need for the new building was demonstrated by the fact it was filled the first year. "During the fair," says Mr. Wickham, "the new building housed 75 beef animals, 12 horses and 60 swine. This means we already need another similar building. I'm sure it will be built, too, just as soon as these farm people can work out arrangements."

## Need More Fertilizer Despite Recent Gains

Representatives of the fertilizer industry met with Kansas State College officials at Manhattan in December to learn results of fertilizer test plots set out in 1953. The meeting is sponsored by K-State agronomy specialists for industry representatives who sell to fertilizer companies and to the farmer.

Extension Specialist Robert A. Bannan summarized 1953 soil test results and noted use of fertilizer in Kansas has jumped from 7,000 tons in 1932 to 200,000 tons in 1952. The ratio of fertilizer needs is still quite small, he indicated.

C. C. Burkhardt, assistant entomologist, discussed use of insecticides in fertilizer mixes in controlling corn rootworm. Experiments have indicated that where starter fertilizers are used at corn-planting time, the insecticide-fertilizer combinations have proved effective and satisfactory for control of corn rootworms in Kansas.

## Gives Fertilizer Data

Soils Specialist F. W. Smith gave results of fertilizers on small grains, corn and grain sorghums. As a result of drought, wheat yields on the various fertilizer plots were poorest in recent years. Corn crop was only mediocre. Most successful fertilizer trials of 1953 were with grain sorghum crop with some interesting results obtained with pasture fertilization trials. Outlook for 1954 trials is excellent in most areas over the state, according to Doctor Smith.

Fertilization trials in both native and tame pasture grasses generally pointed out that yields were increased with the application of nitrogen, but yields were not significantly increased by the application of phosphorus or potash. Applications may be increased on tame pasture grasses for good results, Roscoe Ellis, Jr., soil chemistry professor believes.

## Seed Dealers Elect

Newly elected officers of the Kansas Seed Dealers Association at annual 2-day convention, held at Wichita this year, include: Manley Casement, Sedan, president; George Knaup, Osborne, first vice-president; F. A. Starr, Atchison, second vice-president.

## Patriotic Party Fun

Party fun and patriotism are combined in our 3 leaflets for February party helps, "A United Nations Party," "Know Your United States," and "Patriotic Music in Story and Song." Send your orders to Home Service Editor, *Kansas Farmer*, Topeka. Each leaflet 3c.



# Thoughts

TO LIVE BY

## "A Broad Base"

WE THOUGHT recently about the self-limitation anything worthwhile requires. According to the old adage, a jack of all trades is master of none. It is true, but it's only half the truth.

A person can become very lopsided. There is another old adage: All work makes Jack a dull boy. And so does. All work is not good for anyone.

General Grant was effective as a military leader, but he had no ear for music. As far as he was concerned, there were only two tunes. One was Yankee Doodle, the other wasn't. In his later years, Charles Darwin acknowledged that his appreciation for music had been neglected, crowded out by his absorption in scientific research. As a result, music meant nothing to him. He couldn't move him because he didn't hear it.

Who would want to miss the stirring strains of the high school band, the romantic influence of an orchestra? Life would be poorer without the beautiful passages found in classical music and the soul-stirring effects of our sacred songs.

And music is but one of the facets of life. There's the world of sports, indoor and outdoor. Art, drama, literature, and nature study also contribute to life. Parents who are too busy making money or running or-

ganizations to play with their children miss something they will live to regret. And the person who is so busy he has no time to worship is so concerned about making a living he misses the meaning of life.

So it is possible to strip life of so much that is worth-while that success is robbed of its joy. What's a fortune without friends? What's a good living if you don't know how to enjoy life?

How then can you have a well-rounded personality and a dynamic purpose in life? Our colleges solve the problem by giving students a broad cultural base for 2 years and then a similar period of concentration upon a chosen subject.

The individual must work out his salvation as a bicycle rider maintains his balance. Lean too far in either direction and you will fall. So it is wise to strive for breadth in the realm of interests and depth in some particular field. Successful business men and political leaders are giving strong leadership in religion. Housewives and mothers keep the wheels of many organizations turning. Professional people have become great patrons of art. It can be done, and when it is, the result is a well-rounded life. It may even remind us of Him who "increased in wisdom and stature, and in favor with God and man."

—Larry Schwarz



**Dwight Hull SAYS . . .**

## Dairymen Showing More Interest in Advertising

IT WAS GRATIFYING to see about 100 dairymen at the annual meeting of the Kansas Dairy Association. Highlighting the report on activities during 1953 was official adoption of the "year-round check-off" on dairy products for advertising on a national basis. This program actually started August 1st last year, so the report of funds received last year showed a substantial increase over previous years.

Ray Alberts, membership director for American Dairy Association, presented a motion picture recently released by ADA, entitled "Turn on the Sales Power." The picture gave a good account of the many ways ADA is using to advertise our product, including brief sketches by Bob Hope and Bob Crosby. The picture was well received as evidenced by the fact the group voted to purchase 4 copies for use in Kansas.

In Mr. Alberts' remarks he told us of the method used to find answers to the question we dairymen all ask, namely, "Does it pay?" I have always believed advertising would pay over a period of years, but did not expect any real proof of the fact in so short a time. According to Mr. Alberts, Rochester, N. Y., and Kansas City, Mo., were used as trial centers. Before the advertising program was started at these places, a survey was taken in which consumers gave their answers to numerous questions about milk. Sixty days after the program had been in operation a similar survey was made. Evidence

was very conclusive that the consumer had a much more favorable attitude toward milk after being exposed to some of the important facts about milk for 60 days. Not only this, but sales of milk in Rochester during the 60-day period set an all-time high record, surpassing the peak consumption year of 1947. Record sales also were set in Kansas City, where it was conservatively estimated producers received \$12,809 in extra money and that each dollar for advertising returned \$4.25.

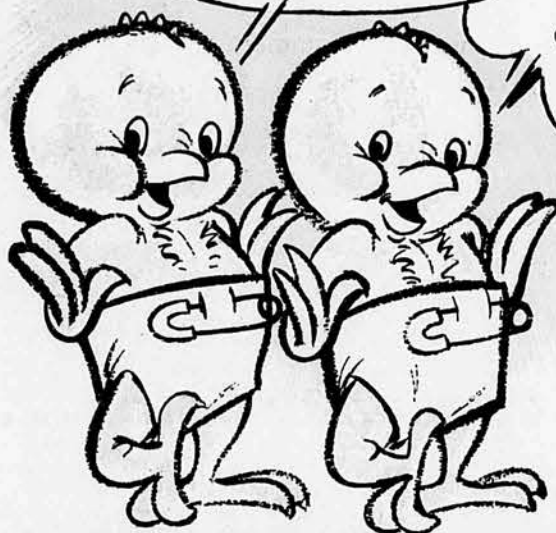
Of course, there actually are many examples showing ample proof of the value of advertising dairy products. One of the finest examples in Kansas I know is the excellent work of the Dairy Council in Wichita. Here the milk producers and handlers have been supporting a unit of the national Dairy Council for 12 years. Two full-time nutritionists with unusual training and ability are employed to tell the story of milk.

This reminds us, we just received word from Merrill H. Werts, director of marketing, Kansas State Board of Agriculture, that the Topeka milk producers and handlers are making progress towards establishing a Dairy Council unit in Topeka. We would like to congratulate them and wish them much success. We realize the National Dairy Council and the American Dairy Association are 2 separate organizations, but both have the same purpose. We believe there is need for both organizations and both should be supported equally as well by dairymen.

# YOU'RE Double Sure with DANNEN CHICK STARTER

Double your money  
back if you aren't

completely  
satisfied!



**See the PLEDGE OF SUPERIORITY  
on every bag of DANNEN  
CHICK STARTER you buy!**

You're Double Sure when you start your chicks on Dannen Chick Starter. You can be sure with Dannen Chick Starter because it's tested and proved at the Dannen Research Farm to give your chicks the important nutrients they need for sturdiness and growth during the first seven weeks of life. And you can be Double Sure because Dannen Chick Starter is backed by the Pledge of Superiority with DOUBLE your money back if you're not completely satisfied.



**So be Double Sure . . .  
Get Dannen Chick Starter  
from your  
Dannen Dealer today!**



**DANNEN MILLS, INC.**  
St. Joseph, Missouri Red Oak, Iowa



# Kansas Farm Home and Family

By FLORENCE McKINNEY



ELK-UNION home demonstration unit ready to serve a community dinner, combination get-together and money-making project for community improvements. Beginning left, Mrs. Frank Frey, Mrs. Jim Ronsick, Mrs. Paul Koegeboehn, Mrs. William McVicker, Mrs. Jim Miller, Mrs. Rodney Symes, Mrs. E. J. Ronsick, Mrs. S. T. Symes, Mrs. G. R. Spain, Mrs. Bruce Umberger.

**It Takes Community Spirit...**

**And They Have It!**



**T**O BELIEVE your community may become the best community is a part of the creed of the Kansas home demonstration units. The 14 members of Elk-Union unit in the ranching country of northwest Chase county, keep busy proving theirs is one of the best.

Their homes are in that section of the Flint Hills country where pioneers homesteaded in the 1850's and 1860's. From 1874 to 1923 this community centered at Elk, a village no longer in existence. With the coming of automobiles and modern roads, and movement of business to larger towns, the post office was closed and when the store burned in 1927, it was never rebuilt. While in operation it supplied farm families with everything from pins to wheat binders and in turn took in eggs, cream and poultry brought to trade for supplies.

These pioneers were men and women of sterling character, honest and generous. They withstood hardships, raised large families and many of the third and fourth generations of these pioneers still live in the Elk community and continue to be ranchers and farmers.

It is this community that is in the hearts and minds of the Elk-Union home demonstration unit. Their school is a large brick structure, first consolidated school in Chase county. Recently the building was remodeled.

Elk-Union unit took under its wing this school kitchen and the Elk cemetery as community service projects. They installed an electric stove with large oven, a 50-cup electric

coffee maker, dishes, silver, trays, dish towels and cooking utensils for serving school lunches and community dinners. New curtains, new paint and linoleum were added.

But there were other things to do to improve their community materially, and a great deal to do which would provide that adhesive quality which makes what is called community spirit. This small group of women sponsored the annual Memorial Day services and made it a reunion for everyone who not only belongs to the community, but their friends as well. Everyone brings a well-filled picnic basket the day the

graves are tended and decorated and old acquaintances are renewed. Those coming from long distances like this feature and last spring 200 folks were served coffee and iced tea by the unit members. They made wreaths and placed them with flags on the graves of veterans buried in the Elk cemetery.

Raising the money for these projects is another activity. Too, they contribute as a group to Red Cross and March of Dimes. How do they do it? For one thing they serve lunches at sales, hold food sales and sell mystery packages at regular [Continued on Page 29]



**SCHOOL LUNCHES** are provided for children since women equipped kitchen. Beginning left, R. T. Symes, Sonja Kohls, Eddie Burnett, Mary Helen Symes, Johnny Umberger, Mrs. G. R. Spain, teacher; Larry Koegeboehn, Roger Kohls, Gene Ronsick.



monthly meetings. When Mrs. E. J. Ronsick was president, she started this mystery package plan which has been a money-maker in a small way as well as a funmaker. She took a wrapped gift with a number inside to meeting, each member contributed to a kitty and in turn drew a number. The winner drew the lucky number and went home with the gift, sometimes a cake or a loaf of bread.

Sometimes they have a gift swapping. One member puts her gift into a basket, takes it to another member who takes out the first, puts in her own and so it goes around the membership. Contributions are slipped into a sealed bank which is opened when the swapping is over. These little ideas raise a little money each time but every penny adds to the grand total.

They have tried the duck walk and waltz dance where square dancing is the evening's entertainment. They even decorated a cake with red candies, and had chances to guess the lucky number.

And when it comes to raising larger sums, they serve a dinner to the Farm Bureau or serve a Christmas dinner with all the fixings, invite in the entire community and ask everyone to put a contribution into the kitty. At a large sale they cleared \$125.

These women are proud of those beautiful Flint Hills, well known to Kansans but not so well known to out-of-state travelers. To remedy this they have big plans for 1954, the Kansas Territorial Centennial year. They have plans to erect large signs on the highway to inform the world.

Officers of this energetic group of women are Mrs. Paul Koegeboehn, president; Mrs. Jim Cauthorn, vice-president; Mrs. Jim Ronsick, secretary-

treasurer and Mrs. E. J. Ronsick, reporter. Mrs. S. T. Symes recently completed 2 terms on the county advisory council, and was chosen to attend a state meeting at Kansas State College to aid in formulation of the 1954 program for home demonstration units.

All of this is a demonstration of how 14 women provide the spirit to hold the rural Elk community of Chase county together. It makes rural living pleasant and keeps young folks down on the farm.

### Try the Chinese Method

One of the tastiest methods of cooking cabbage is the Chinese method. Shred the cabbage fine and put it into a heavy skillet in which a tablespoon of butter or margarine has been melted. Sprinkle the cabbage with salt and cook for 2 minutes, tossing it frequently. Serve immediately.

### For March Parties

If you are planning to entertain at a party in March these 3 leaflets will be helpful for you:

Games for March Parties—6 games and suggested menu. 3c.  
Peggy's St. Patrick's Day Party—playlet of 8 characters; 7 old-time favorite songs. Simple staging and very effective. 5c.

A Bit o' Irish Fun—good suggestions for invitations, decorations, refreshments and games. 3c.

Write to Home Service Editor, Kansas Farmer, Topeka.

## NEEDLE NEWS



554  
SIZES  
2-10



7251

IRON-ON COLOR DESIGNS  
IN GREEN, PINK, BLUE



60 INCHES



IRON-ON COLOR  
IN PINK, BLUE,  
YELLOW 7155

554—Use remnants for this pinafore sundress. No fitting problems for cinches waist. Opens flat for ironing. Children's sizes 2, 4, 6, 8, 10. Embroidery transfer; tissue pattern. State size.

7251—Iron-on pansies in combination of pink, blue, green. Add color to your linens. No embroidery and washable. Transfer of 10 designs, 2 by 2 1/2 by 9 1/2 inches.

7155—Iron-on sparkling motifs in combination of pink, blue, yellow. Transfer of 8 color designs; 2 old-fashioned girls, 4 1/2 by 10; two, 4 1/2 by 4 sprays, 1 1/2 by 2 1/4 inches. No embroidery. Washable.

7014—Magnificent tablecloth measures 60 inches across, the center of at-

traction in any room. Pineapple design to crochet in heavy cotton.

Patterns are 25 cents each. Address Needlework Editor, Kansas Farmer, Topeka.



### BATTER-WAY ROLLS

1 1/2 cups warm water (110°-115°)  
2 pkg. Red Star Special Active Dry Yeast  
4 cups sifted all-purpose flour  
1/4 cup sugar..... 1 1/2 tsp. salt  
1/2 cup soft shortening..... 1 egg

POUR the warm water into a large mixing bowl, and add the yeast. Let stand a few minutes, then stir to dissolve. ADD half the flour, sugar, salt, soft shortening, and egg. Start the mixer on medium speed (or beat by hand) and beat until smooth—1 1/2 to 2 minutes. STOP MIXER. ADD the rest of the flour and stir in by hand until the flour disappears. It will

take about 1 to 1 1/2 minutes. SCRAPE down batter from sides of bowl. Cover bowl with waxed paper and let rise in warm place until doubled—about 30 minutes. Meanwhile grease 1 1/2 dozen large muffin cups. STIR DOWN batter in 20 to 25 strokes and spoon into the muffin cups, filling 1/2 full. Let rise in warm place until batter reaches tops of muffin cups—20 to 30 minutes. BAKE 10 to 15 minutes, or until well browned on sides and tops, in hot oven (425°). Remove from pans and cool on racks.

THE BATTER-WAY IS  
SO EASY, TOO—ANYONE  
CAN DO IT



Your Classified Ad Will Get RESULTS!

## BREAK UP local CONGESTION of KIDS' CHEST COLDS

Relieve Coughs—Aching Muscles Sore Throat

Child's Mild Musterole—made especially for kiddies—is recommended by many baby doctors. Musterole speedily relieves coughs, sore throat, chest colds. It instantly starts right in to break up congestion in nose, throat and upper bronchial tubes.

Musterole creates highly medicated, protective warmth on chest, throat and back bringing long-lasting relief!

There's also Regular and Extra Strong Musterole for adults.

Child's Mild MUSTEROLE

The Story of the Capper Foundation tells of crippled children made whole! Of sad parents made happy! It tells how you may help in this expanding program of healing. Write for your free copy of the story today. THE CAPPER FOUNDATION for CRIPPLED CHILDREN Capper Building : Topeka, Kansas

## NATURE TELLS

When a hen needs calcium nature tells her in no uncertain terms. When Pilot Brand oyster shell is in the hopper she takes only what she needs—no more, no less. There is no waste.

This procedure repeated under control over a two-year period showed consumption of about five cents worth of oyster shell per hen per year, and increased egg production to show an unbelievable percentage of profit.



FOR POULTRY

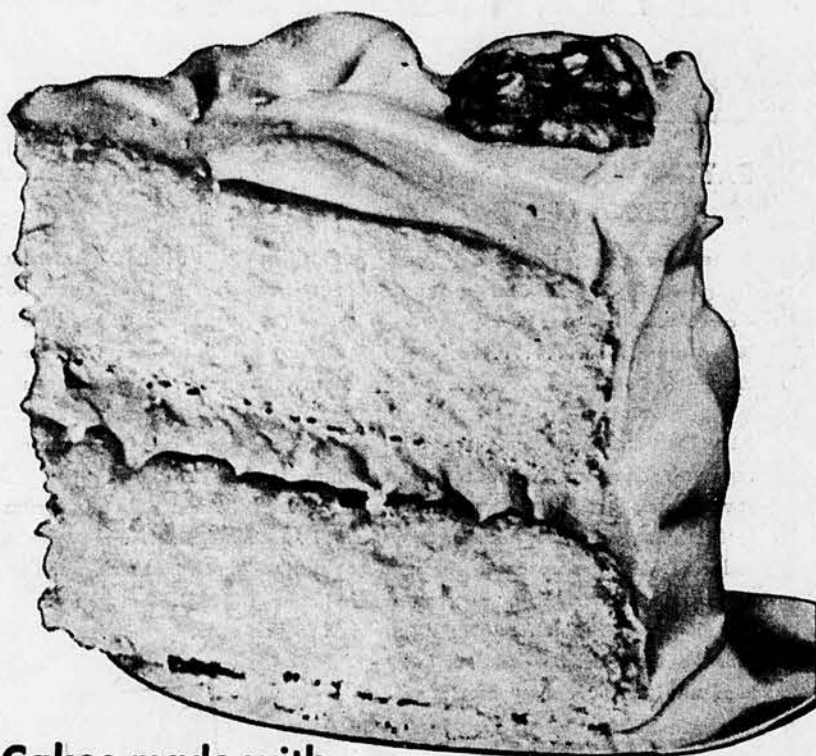
In the bag with the big blue Pilot Wheel At most good feed dealers

OYSTER SHELL PRODUCTS CORP. New Rochelle, N. Y. St. Louis, Mo.



## FEBRUARY IS FOR ST. VALENTINE

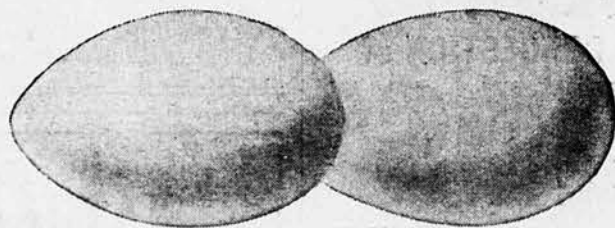
From the first bite to the last... they stay  
**MOIST!**



Cakes made with

# Duncan Hines Cake Mixes\*

You Add Fresh Eggs!

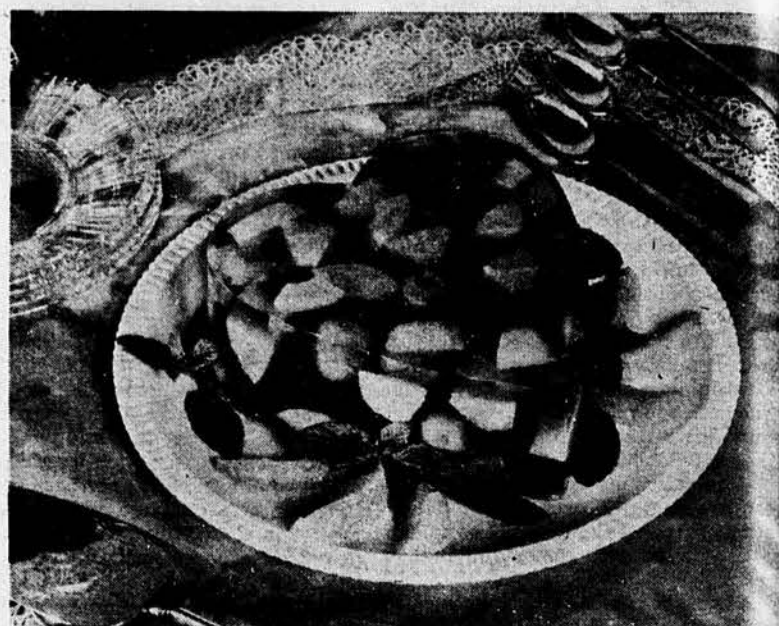


**Duncan Hines says:**

AMERICA'S FOREMOST AUTHORITY ON GOOD EATING

"No good cook would think of using dried eggs in her prized recipes, and yet factory-dried powdered eggs are the only kind that can be put 'right into' a package of mix. That's why I ask you to add your own fresh eggs to my mixes."

Keep all 4 handy on your pantry shelf



**VALENTINE FRUIT MOLD** is for sweetheart time. It's cherry gelatin stuffed with fruit and molded in a big heart.

ALTHO primarily the month for sweethearts, it is good in this work-a-day world to let the loving spirit of St. Valentine include all ages. For special family or party fare, we suggest this Valentine dessert, easy to make with bright, cherry-flavored gelatin and assorted fruits.

Left-over cherries, peaches, grapefruit or pineapple (this last must be canned, of course) are added to the gelatin. If don't have large or small heart-shaped molds, make up the recipe in a large square pan. When firm, unmold on a platter and then, with a sharp knife, carefully cut it in the shape of a heart, using a cardboard cut-out as a guide.

And here's a tip on unmolding gelatin that will make it easier to center the heart on the serving dish. Before unmolding, put a few drops of water on the platter and then, with a sharp knife, carefully cut it in the shape of a heart, using a cardboard cut-out as a guide.

### Valentine Fruit Mold

1 package cherry-flavored gelatin  
1 cup hot water  
1 cup canned pineapple juice  
1 1/2 cups diced fruit (cherries, grapefruit, apples, pears, oranges, etc.)

Dissolve gelatin in hot water. Add

pineapple juice. Chill until slightly thickened. Then fold in fruit. Turn into one large heart mold or small one. Chill until firm.

### Valentine Salad

1/2 cup whipping cream  
1 tablespoon salad dressing  
3 tablespoons coarsely-crushed peppermint candy  
2 large apples  
12 marshmallows  
1/3 cup sliced dates or raisins  
Orange or pineapple juice  
12 jelly candy hearts

Whip cream. Fold in salad dressing and crushed peppermint candy. Wash apples and set one aside. Dice one apple into mixing bowl. Add quartered marshmallows and dates or raisins. Combine fruit mixture with other mixtures and mix lightly. Set aside for 20 minutes in refrigerator.

When ready to serve, line salad plate with salad greens. Slice second apple into 1/2-inch wedges and dip in orange or pineapple juice. Form a ring of apple slices on plates and mound salad mixture in center. Decorate with candy hearts. Serves 3.

### • Spring Back

What's so fatal about mistakes?  
All pencils have erasers;  
All cars have brakes.  
—Ruth King Duerksen.

## Contest Opens Now Cash and Books to Be Awarded

CONTEST BEGINS NOW! *Kansas Farmer* starts its fourth story-writing contest for seventh and eighth graders who live on farms. The subject this year is "Country Things I Like Best." In previous contests we received hundreds of entries on similar subjects. We read every one and prize winners were announced in the home department and their stories printed.

Prizes are as follows:

First award: Winner will receive a personal cash award of \$25, plus \$100 worth of books for his or her school library.

Second award: Winner will receive a personal cash award of \$15, plus \$75 worth of books for his or her school library.

Third award: Winner will receive a personal cash award of \$10, plus \$50 worth of books for his or her school library.

### Rules of Contest

1. Subject shall be, "Country Things I Like Best."
2. Story must not be longer than 500 words.
3. Story must be the student's own

composition, not the teacher's, and of actual experiences of the writer.

4. Story must be written plainly typed on 8 1/2- by 11- inch paper, on one side only.

5. Be certain the name, address, name of school are written at top of each page.

6. Mail your story to Florence Kinney, Home Editor, *Kansas Farmer*, Topeka Kan.

7. Only one entry may be submitted from a school. The teacher will choose the best one.

8. To be eligible for grading by editorial staff, stories must reach above office not later than March 1954.

### Eligibility

1. Seventh and eighth grade boys and girls who attend schools under jurisdiction of the county superintendent or who attend schools in reorganized districts under other superintendents or principals.

2. All who enter must live on a farm of not less than 3 acres.

3. Pupils who won in contest year are not eligible, but other pupils from the same school are eligible.



## She Decorates Her Bedroom In 4-H Room Improvement Project

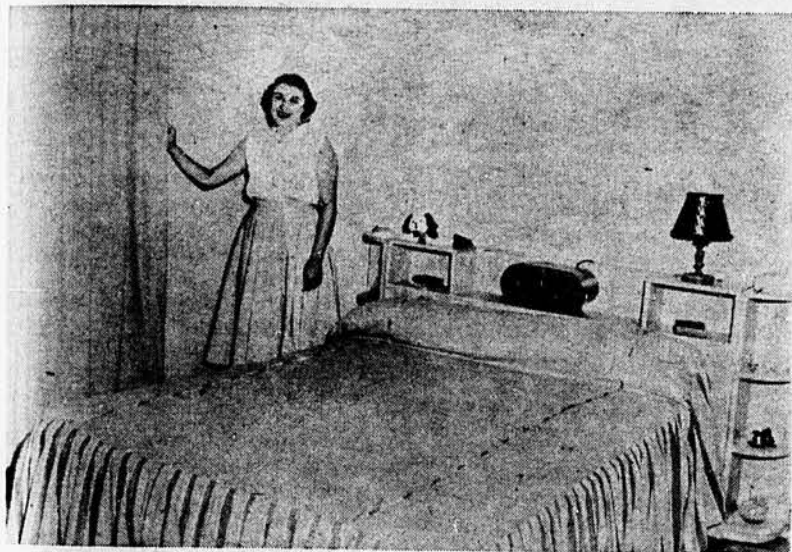
WITH gaily-striped denim trim on a blue background, Carol Rush, of the Milford 4-H Club in Geary county, began the redecoration of her bedroom as her room-improvement project.

For 2 years this project has been underway and only recently completed. Her father, C. L. Rush, made her bed. Carol painted it, and made a blue-centered denim spread with a gold, red and blue-striped skirt. This year she made draperies of the same denim.

Her father also made a chair and ends for the headboard of her bed. She varnished them and upholstered the

seat of the chair as well as her new desk chair.

To complete the decoration program, she made dresser scarves, pillowcases, bought a bedside lamp with red lampshade. In her bedroom she hung a bulletin board which she made of plaster board, edged with a bright red plastic ruffle. She keeps it up-to-date with snapshots of her friends and activities, announcements and invitations. Her room is colorful, modern and just right and moreover it won the grand championship at the Geary county 4-H Club fair.



CAROL RUSH, 17, made both draperies and bedspread of striped denim as part of her home improvement project in 4-H Club work.



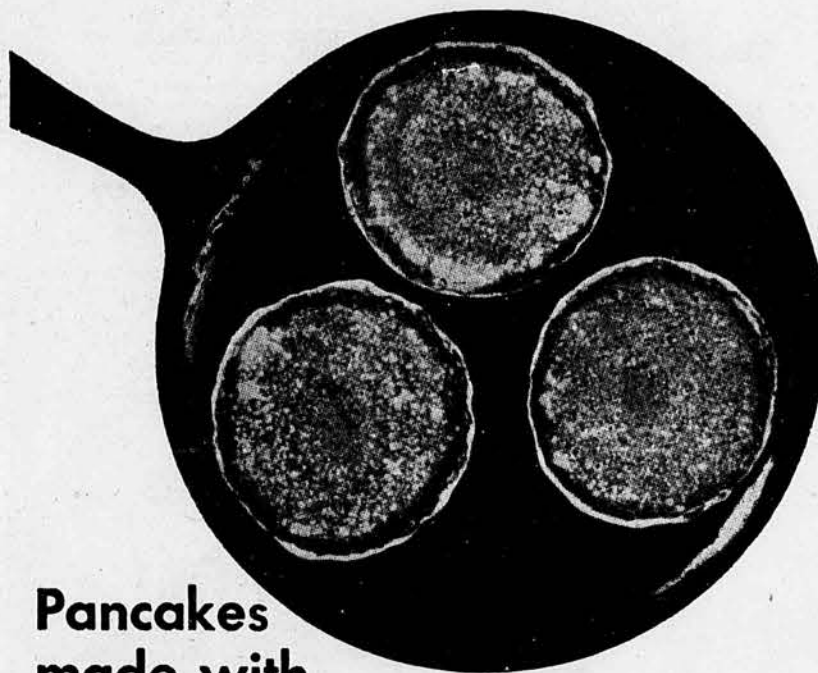
CAROL SITS AT DESK in her bedroom, where she keeps her 4-H Club records. She is enrolled as freshman at Kansas State College this winter.



FROM PLASTER BOARD she made a bulletin board for her bedroom. Red plastic ruffle around edges adds gay color trim. On it she posts snapshots, announcements, invitations and 4-H Club news.

Serve 'em hot off the griddle... Oh they're

# TENDER!



Pancakes  
made with

## Duncan Hines BUTTERMILK Pancake Mix\*

The buttermilk's  
right in the mix!



## FRAGRANT! Muffins made with Duncan Hines BLUEBERRY Muffin Mix\*



Lots of choice  
blueberries  
in can inside  
package



## \*BETTER

because of  
Duncan Hines' knowledge of food and recipes, his  
insistence on use of the finest ingredients, and the  
fact that you add your own fresh eggs.



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Successful poultry raisers find that feeding Arrow "High Efficiency" Chick Starter from the beginning pays off in rapid growth and future egg production. Arrow "High Efficiency" Chick Starter, developed after years of research by Arrow Mills, is fortified to help build strong frames, vital organs—and promotes fast growth.

Arrow "High Efficiency" Chick Starter is famous for getting good results at low cost. See your nearest Arrow feed dealer today for your supply of well-balanced, fortified Arrow Chick Starter.

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- ★ Helps legumes get nitrogen from air
- ★ Helps boost both yield and quality
- ★ Soil benefits may be seen for years
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Tests prove that roughages, such as grass and corn silage, can reduce your cost of gain by as much as 50%. Successful farmers who use Dodson "Red & White Top" Silos to assure them of economical feed in the winter and drought years tell the same story. Many of them also recognize that the McLean Silo Unloader is the best "hired-hand" to come to the farm in many a day. Labor costs are reduced...speed feeding is assured...It's farming that pays a handsome profit.

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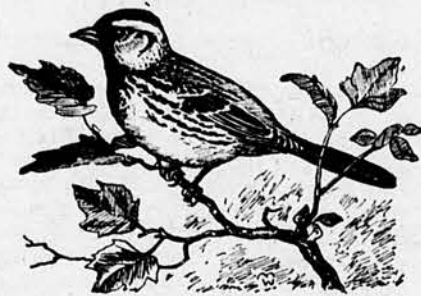
Here's our gift to you. Fifty-two pages of valuable information at no cost. Just write to Dodson for your copy.



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## KNOW YOUR BIRDS

By L. B. CARSON



### The Harris's Sparrow

*Plum thickets, hedges, piles of brush, Bring this sparrow with a rush, For in such spots, he likes to roam While gathering weed seeds, near your home.*

THIS LARGE, pink-billed, pink-footed winter visitor is known to every farm boy in this area. The black face of the adult is distinctive while younger birds show a black crown with irregular blotches of black on breasts and sides, depending on their age. They nest far north in the stunted timber between the Hudsonian Forest and the Arctic tundra where they build well-hidden nests on the ground using moss, stems or leaves usually at the base of a small tree. These nests are so well hidden that only in recent years was one located. Dr. George M. Sutton finally discovered their secret.

Harris's sparrow has a limited migration route, avoiding both forests and short grass prairies, but prefers tangles, hedgerows and brush piles surrounded by weed patches and taller grasses which supply seeds and insects for his winter food. In winter he lives in the area from Nebraska and Iowa,

south to Southern Texas, mostly the Western Missouri and Eastern Kansas. His call consists of a series of plaintive notes which often are heard even in winter, but spring brings a regular chorus for your pleasure.

His large size, friendly disposition and plaintive song, together with distinctive markings, make him a welcome visitor in the Central West and one which we are proud to claim as neighbor.

### The Reader Wants to Know

I have been reading the series, "Know Your Birds," and think it is interesting. I would like to know if it is possible to get a book in color with all birds and their descriptions. I think this would be an interesting book for children too.—Mrs. Arthur A. Wagner.

There are several good books but the less expensive ones do not include birds in your territory, since you have both eastern and western varieties. "Birds of America," gives a concise summary of all American birds with colored plates of both birds and eggs. T. Gilbert Pearson is the editor of the book which costs \$5.95. It is published at Garden City, N. Y.

Richard Pough's "Audubon Bird Guides" covering eastern land birds and water birds are both excellent. They are \$3.50 each. Roger Tory Peterson's "A Field Guide to the Birds, Eastern," and "A Field Guide to Western Birds" each sell for \$3.75. These books can be obtained from the National Audubon Society, 1130 Fifth Avenue, New York 28, N. Y.

If you prize your best crystal glassware, put a folded Turkish towel in the bottom of the dishpan. This prevents chips and danger of rolling glasses.

## SEW 'N SAVE

4766—Make a dress in neutral shade, accessories in print, check or white. Clear classic lines. Misses' sizes 12 to 20. Size 16 dress takes 3½ yards 39-inch fabric.

9126—Look slimmer in this dress designed for the short, fuller figure. Tucks at front and back, 8-gore skirt are fashion news. Half sizes 14½ to 24½. Size 16½ takes 4 yards 39-inch fabric.

4689—Smart and versatile. It's the easy-sew wrap-on. Princess panel, big pockets. Misses' sizes 12 to 20 and 40. Size 16 takes 3½ yards 35-inch fabric.

4766  
SIZES  
12-20



4689  
SIZES  
12-20  
40



9126  
SIZES  
14½-24½

Patterns are 30 cents each. Address Fashion Editor, Kansas Farmer, Topeka.



# Stop Taking Harsh Drugs for Constipation

**Avoid Intestinal Upset! Get Relief This Gentle Vegetable Laxative Way!**

For constipation, never take harsh drugs. They cause brutal cramps and griping, disrupt normal bowel action, make repeated doses seem needed.

When you are temporarily constipated, get sure but gentle relief—without salts, without harsh drugs. Take Dr. Caldwell's Senna Laxative contained in Syrup Pepsin. The extract of Senna in Dr. Caldwell's is one of the finest natural laxatives known to medicine.

Dr. Caldwell's Senna Laxative tastes good, gives gentle, comfortable, satisfying relief of temporary constipation for every member of the family. Helps you get "on schedule" without repeated doses. Even relieves stomach sourness that constipation often brings.

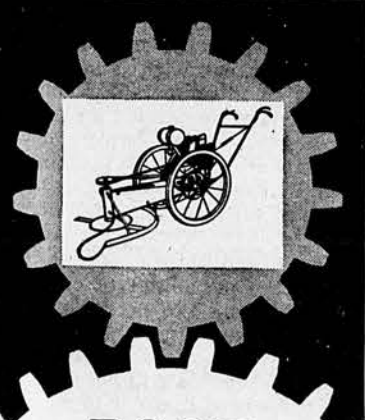
Buy Dr. Caldwell's. Money back if not satisfied.

**MONEY BACK GUARANTEE**

Mail bottle to Box 280, N. Y. 18, N. Y.

**DR. CALDWELL'S SENNA LAXATIVE**

Contained in pleasant-tasting Syrup Pepsin



**ROOF**  
Now offers the **FIRST GEAR DRIVE**  
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Another Roof first! Now you can cut weeds when it's too wet for other work. Absolutely no slippage, regardless of moisture, with the new Roof Gear Drive. Full 26" cut, choice of Clinton 3 h.p. or Wisconsin 6 h.p. motor, fingertip controls, riding cart available for operator. The oldest name in weed cutters, built best for you!

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**ROOF WELDING WORKS**  
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**Personal To Women With Naging Backache**

Naging 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 every condition, such as stress and strain, causes kidney function to slow down, many folks suffer nagging backache—feel miserable. Minor kidney 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!

## Farm Services Available on WIBW—580 kc Capper Radio in Topeka, Kan.

**Monday thru Saturday**

5:40 a.m. Levering's Farm Time, including News, Weather, Farm Sales.  
6:30 a.m. Farm Tips and Topics, Levering.  
6:35 a.m. Weather direct from U. S. Government Forecast Center.  
6:45 a.m. Farm Service Show, Wes Seyler.  
7:00 a.m. Weather and World-wide News.  
7:30 a.m. Levering's Fertilizer Facts (except Saturday).  
11:30 a.m. Weather Bureau and Farm Dinner Hour.  
12:00 Noon Weather and News.  
12:20 p.m. Wes Seyler Noon Market Reports.  
6:25 p.m. Complete weather forecasts (except Saturday).  
10:00 p.m. News with weather report direct from U. S. Government Bureau.

**Saturday only:**

6:30 p.m. "RFD Round Table with Wes Seyler."

**Sunday only:**

6:30 a.m. Airways Weather Report (direct from Weather Bureau).  
7:30 a.m. Kansas News and Farm Sales.  
8:00 a.m. Seyler's "Farmers' Forum."  
8:15 a.m. Farm News and Facts.  
8:25 a.m. U. S. Government Weather Bureau Reports.

## Appoint KSC

### Agricultural Editor

Lowell Brandner, director of Kansas State College news bureau, transferred recently to the office of the dean of agriculture and director of Kansas agricultural experiment stations.

He works under Dr. A. D. Weber, dean of the school and director of experiment stations. His work includes writing articles on agriculture and editing scientific articles and agricultural experiment station bulletins. He will be faculty adviser of the Kansas Agricultural Student magazine, retains academic rank of associate professor of journalism.

Before coming to KSC 6 years ago, Mr. Brandner had published a weekly newspaper in Nebraska; been assistant information agent for the Farm Credit Administration in Kansas, Oklahoma, Colorado, and New Mexico; and magazine editor and assistant manager of the Independent Refiners Service Corporation in Wichita.

## Milk Sanitarians Elect

Newly elected officers of the Kansas Association of Milk Sanitarians chosen at the 24th annual convention, at Kansas State College the middle of last month, include: Frank Kelley, Parsons, president; John Mullinix, Kansas City, first vice-president; Kenneth Tickner, Topeka, second vice-president; Ivan Van Hortwick, Topeka, secretary-treasurer and Roy Mitchell, Winfield, and Ray Fair, Parsons, auditors.

## To Teach

### Farm Journalism

Newly-appointed agricultural journalism professor at Kansas State College is Don Alexander, former editor of the Kinsley Mercury, to replace Stan Creek, resigned to manage his farm at Dearborn, Mo. Mr. Alexander is a 1949 agricultural journalism graduate of the college.

## Don't Take a Chance!

HAVE YOU EVER had a trailer, tractor or other equipment damaged on the highway because they weren't properly equipped with reflectors? Protect them! Don't take a chance!



Ford batteries are sealed in heavy, one-piece, impact-tested outer cases to give protection against extreme temperatures. They are cycled from full charge to discharge hundreds of times to provide proper function and long life.

**Get the Battery that's made right for your FORD**

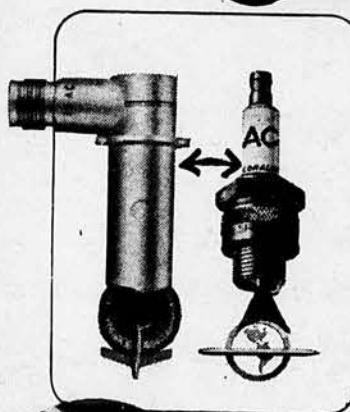
All Genuine Ford Parts—like the battery shown above—are made right... to fit the specifications set by the men who originally built your Ford!

Why wait for battery failure to stall your car when a quick, simple test, by your dealer can easily determine the condition of your present battery? And if replacement is advisable, he can also recommend the Ford battery with just the right capacity for your car's electrical system. Remember, too, every Ford battery carries a liberal warranty. So be sure you're set for quick, easy starting the whole year through—have your battery checked today and...

**"TRADE" WHERE YOU SEE THIS SIGN**







## ACs with Patented CORALOX Insulator are Built for Both!

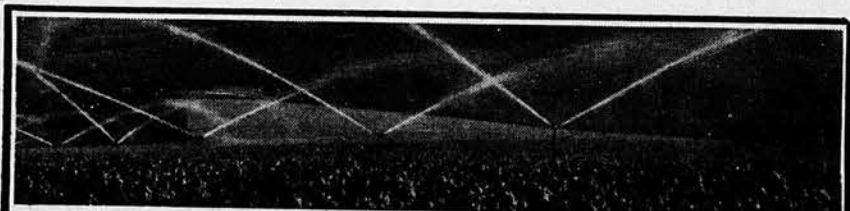
The CORALOX Insulator of the AC starter-plug used in jet planes must withstand terrific temperatures. This fact is important to car owners because the insulator of the AC Spark Plugs used to fire automobile engines is of the same composition as that used in the jet plug.

CORALOX, no matter how high the engine temperature, won't let the current "short" and cause your engine to misfire. And the great strength of CORALOX permits the use of longer, thinner insulator tips which heat up quickly to burn away oil and wet carbon deposits. A new set of ACs can step up power and save fuel for you in any car, truck or tractor.

**ORIGINAL EQUIPMENT ON NEARLY AS MANY NEW  
CARS AND TRUCKS AS ALL OTHER MAKES COMBINED**



AC SPARK PLUG DIVISION GENERAL MOTORS CORPORATION



Even in seasons with normal rainfall, does it always come when you need it? A few 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 SPRINKLER SYSTEM insures your crops against failure due to drought; insures quality and quantity.



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For a Free  
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**JONES & LAUGHLIN STEEL CORPORATION  
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407 N. Main St.

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## FROM A MARKETING VIEWPOINT

Prepared by marketing staff of Kansas State College: Ray M. Hoss, M. E. Jackson, Paul L. Kelley, Joe W. Koudele, Milton L. Manuel, John H. McCoy, Leonard V. Schruben, L. W. Van Meir, Norman V. Whitehair, George W. Gerber, James Hoath

*What is the price outlook for hogs the first half of 1954?—O. G. A.*

Present conditions indicate a rather favorable price for hogs during first half of 1954. Current prices of \$25.50 to \$26 will probably decrease somewhat during March and April as the fall pig crop moves to slaughter. However, this decrease will probably not be over \$2 to \$3 and will likely be followed by the most favorable hog prices since 1948. It is very possible that hog prices could break \$30 in the latter part of June or early in July.

The strength in the hog market arises primarily out of strong demand conditions due to high levels of employment and income, and a reduced market supply of hogs due to a cyclical decrease in hog production.

The 1953 spring pig crop was 11 per cent smaller than the spring pig crop of 1952. In addition to the decrease in size of the pig crop the farrow occurred at earlier dates and hogs were moved to market earlier. With the decreased farm income of 1953, there was less incentive to hold hogs over until after the first of the year for income tax purposes. Consequently, there are few market hogs on farms from the 1953 spring pig crop. The 1953 fall pig crop was 9 per cent smaller than that of 1952 and smallest since 1947. Consequently, market supplies of hogs from the fall pig crop will not be large.

Consumption of pork during 1953 was large enough to draw down cold-storage holdings to a very low level. Quantity of pork products in cold storage November 30, 1953, was 17 per cent smaller than for the same date a year ago and 19 per cent smaller than the 1948-52 average.

Consequently, the market the first half of 1954 will not suffer any bearish influence from large inventories of pork products.—L. W. V. M.

*We would like to go on a grade basis in buying eggs at our produce station. How about it?—N. S. B.*

I am referring your inquiry to the Supervisor, Poultry and Egg Section, Marketing Division of the State Board of Agriculture, at Topeka. The address is 915 Harrison Street. This division was created under provisions of the Kansas Marketing Law of 1947. In carrying out provisions of this act with special reference to the poultry industry of the state, Kansas consumer grades for shell eggs (based on federal standards) were adopted. Official Kansas grade labels (bearing the state seal) are available and may be attached to consumer cartons of eggs by individuals or firms packing and marketing the eggs if they sign a voluntary agreement with the State Board of Agriculture. This agreement provides

for state technical supervision of the grading, sampling and weighing of eggs. You may wish to investigate the possibilities of adopting state egg grades.—J. W. K.

*Should I take out a government loan on my wheat, and what are the possibilities of the market price equaling or exceeding the loan rate?—C. S. M.*

Producers had until January 31 of this year to enter wheat on loan or purchase agreement. Maturity date and final date of repayment of loans on wheat is April 30, 1954.

At the beginning of the new year 1954, producers needed funds for income tax purposes which was reflected in increased offerings of cash wheat in terminal markets. After this flurry of sales, which was smaller than anticipated, the flow of wheat to market has slackened again. December 15 loan tie-up calculations showed 431 million bushels under loan and purchase agreements as compared with 342 million in 1952. This increased loan participation and slackening off in cash sales indicates a tightening in free wheat supplies.

Should the loan participation under the 1953-54 government loan program exceed 450 million, this amount, along with its holding of 425 million bushels of 1952 wheat, indicates an amount equal to or exceeding the anticipated carryover on July 1, 1954. It is highly possible that the loan participation will exceed 450 million bushels because of the present market price discount under the loan rate.

The recent increased sales of cash wheat consisted of higher premium wheat or wheat with a high protein content. In most instances this high quality wheat demanded a price equal to or above the loan return. However, very little ordinary-type protein wheat moved during the recent sales because the going price of this kind of wheat was 10 to 15 cents under loan return.

Present and future market factors indicate the possibility of cash prices reaching within 3 to 5 cents of the loan rate on ordinary-type wheat. The belief is that it will not reach the loan rate because producers will sacrifice a few cents per bushel in order to move the supplies out of storage to make way for the new crop.—N. V. W.

*What are the prospects of exporting our surplus wheat?—G. B.*

From colonial times the export market has provided an outlet for our surplus wheat. This is not to say it always has been a satisfactory market. During this time it has alternately been looked upon as a blessing and a curse from the standpoint of its influence on prices.

(Continued on Page 35)

## JUST RETURNED FROM TRIP

Dear Mr. Gilkeson: Sometime last fall I wrote you a letter asking for suggestions concerning a trip we had in mind. This service had been offered in a recent issue of *Kansas Farmer*. It was referred to Mrs. Williams (who writes our travel articles.)

Just thought you might like to know we enjoy reading about the trips she has made. They are taken like we think we would need to take them. One was. In her suggestions for our vacation we had plenty of plans so we could select what suited us. With some precautions along with lots of hope that this might be right for this time of year, we have just returned from a 2 weeks journey to the Southland.

Thank you so much for offering this service to your subscribers.—Mrs. C. A. Redemake, Shawnee Co.

Editor's note: Are you going to make a vacation trip? Drop *Kansas Farmer* a letter telling where you wish to go, how long you can stay. Mrs. Williams will be glad to make suggestions out of her experiences that may be of great help to you. Simply send a self-addressed, stamped letter for your reply, no other charge.—R. H. G.



During periods of strong export demand, prices tend to be relatively high. However, when export demand is weak, then domestic prices generally are weak.

Prior to the era of price supports the export price tended to set the domestic price whether the quantity exported was large or small. This was a serious point of contention in earlier years. If we were willing to let prices drop we probably could dispose of the surplus. One knows how low they would have gone in order to do the job, but it appears the drop would have to be substantial. It would be far below our level of parity and probably would tend to be low enough to attract sales from the underdeveloped areas of the Near East and Asia.

#### World Market Problems

It is generally believed that demand for wheat in Europe follows about the same pattern as in the United States. This means its chief characteristic is that it takes a substantial cut in price to induce even a small increase in quantity taken. There is not much hope of significantly increasing sales in Europe by moderate price cuts. Our competitors probably would match our price concessions, and the end result would be about the same quantity sold but at lower prices.

Another problem in this connection is that cheap wheat may not be welcomed in some recipient countries. It may be looked upon as "dumping" and detrimental to the incomes of wheat growers in those countries. Governments often exhibit a responsibility toward producers of wheat as well as consumers and have been known to establish barriers to prevent the im-

portation of cheap wheat.—J. H. M.

How will Kansas farm incomes be affected by the decline in business activity in 1954?—N. J.

The decline in business activity in 1954 still has the appearance of a moderate recession, with construction activity, investment in capital goods, and government demands continuing as powerful supporting factors. The farm situation continues to be dominated by agriculture's great and expanded capacity to produce, rather than by a seriously reduced demand.

No substantial decline in domestic demand is expected in 1954. This outlook assumes a moderate decline in business activity. An extreme break, however, would alter such a forecast. Kansas farm incomes are also partially insulated from changing business conditions by government price programs. Little help is expected from foreign demand except that it will stabilize in 1954 rather than continue its 1953 decline.

Production costs may decline some in 1954, but again they are not expected to afford much relief from the cost-price squeeze on net farm income. However, it is unlikely the squeeze will become significantly greater.

Reduced levels of economic activity are being reflected in unemployment. Some estimates indicate that unemployment—always a rather uncertain statistic—may be as high as 2.5 million at present. Probably four fifths of this number draw unemployment benefits, softening the effect of reduced payrolls. Income tax reductions will also bolster disposable personal income and help maintain total demand for farm products.—J. R. H.

## Biggest Fair Season of All Predicted for This Year

KANSAS probably will have its biggest fair season in 1954 because of the Kansas territorial centennial. This was decided by delegates to the 31st Kansas Fair Association meeting in Topeka, January 12 and 13. The board of directors of the association was given the task of setting up rules and regulations for centennial queen contests to be held in many county fairs this year.

Fred Arnold, Cottonwood Falls, heads the association for 1954. C. S. Peck, Abilene, was elected vice-president, and Everett Erhart, Stafford, re-elected secretary-treasurer.

The board of directors for 1954 includes John Keas, Effingham; D. Linn Livers, Barnes; George Dietrich, Richmond; Kenneth Cunningham, Richmond; Lloyd Hittle, Winfield; Dr. V. L. Partridge, Coffeyville; Fred Arnold, Cottonwood Falls; C. S. Peck, Abilene; Virgil Miller, Hutchinson; Earl Simmons, Liberal; Harold Shull, St. Francis; L. H. Galloway, WaKeeney.

During the 2-day meeting memorial services were conducted for John Redmond, Burlington, and Maurice Jencks, Topeka, 2 long-time Kansas fair boosters who died in 1953.

## GRANDMA . . . . . By Charles Kuhn



## SKELGAS IS FINEST BECAUSE OF THESE FACTS!

Back of every cylinder of Skelgas fuel are the entire resources of Skelly Oil Company — and the most modern gas-making equipment. From the vast Skelly gas lands, through every manufacturing process in Skelly's own refineries, nothing is overlooked that contributes to the purity, quality and uniformity of Skelgas — America's best-known "buy-word" for LP Gas! No wonder it pays to insist on genuine Skelgas for your home!

### SKELGAS Service Matches SKELGAS Quality

Service is more than a word with Skelgas Dealers! Why? Because your local Skelgas Dealer is more than just a dealer. He is a Gas Expert — thoroughly schooled in solving all manner of gas-burning problems. He knows his fuel — and he knows his appliances. More important to you — he delights in giving prompt, courteous service to all his customers. He's a good man to know! Get acquainted! You'll be glad you did!



world's finest fuel

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## PROFIT o/r LOSS IN 1954?

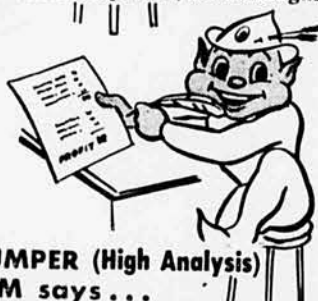
the **BEM BRAND QUARTET**  
of Bonus Fertilizers  
Can Make the Difference!



### BLUE CHIP (Nodulated\*)

**BEM says...**

I find that I'm congratulated,  
Because I am nodulated!  
I'm easy drilled, a cinch to spread,  
I'm Blue Chip BEM, the thoroughbred!



### BUMPER (High Analysis)

**BEM says...**

My "Bumper" stands for bumper yields,  
And fast action on your fields.  
Folks will tell you they can't miss  
With BEM BRAND High Analysis!



### BALANCED (Regular Analysis)

**BEM says...**

The basic plant foods I supply,  
But what makes me a balanced guy  
Are Secondary Elements,  
That come to you without expense!



### BUDGET (Superphosphate)

**BEM says...**

If soil tests show the phosphate's low,  
It's Budget BEM you ought to know.  
You'll find me in oh-twenty-oh,  
Just put me down, and watch 'em grow!

In 1953 the average return to the farmer  
for \$1.00 invested in fertilizer was \$3.75!  
Keep in mind the importance of BEM BRAND  
Fertilizer in determining whether or not you  
will farm with profit in 1954. See your dealer  
first chance you get. He'll be glad to tell you  
more about BEM BRAND's Bonus Quartet of 4  
proved fertilizers... made right here in your  
area to bring extra money on your farm.



At Your Dealer's...  
...Look for BLUE CHIP  
(Nodulated) BEM BRAND  
in this distinctive new bag.



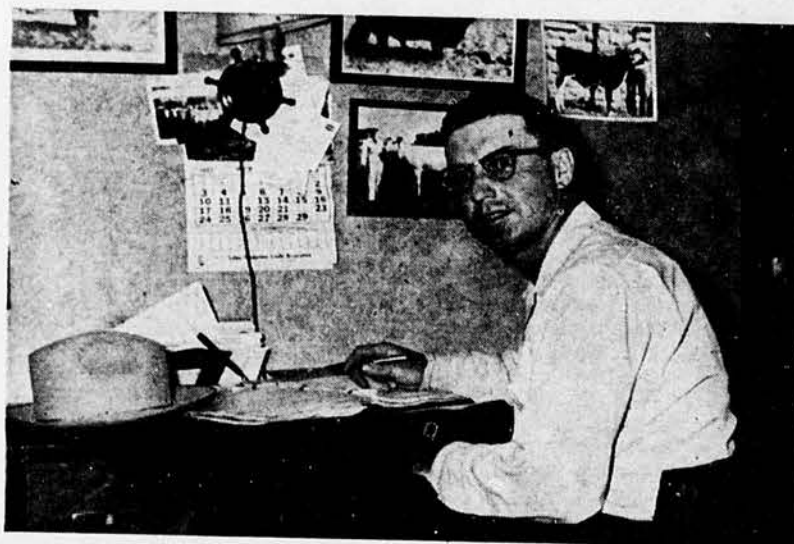
...Look for BUMPER (High Analysis),  
BALANCED (Regular Analysis), and  
BUDGET (Superphosphate) BEM in  
this famous BEM BRAND bag.

\*REGISTERED  
BEM BRAND'S sensational new fertilizer in granular form.

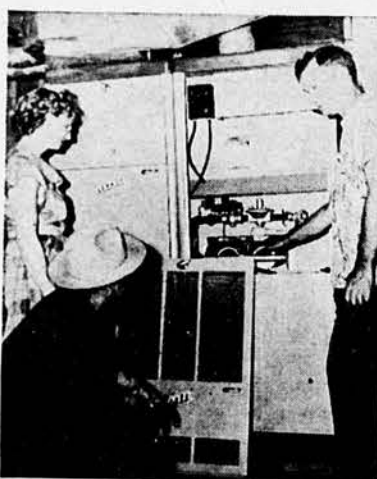
JOPLIN, MO. TULSA, OKLA.  
TRENTON, MO. LAWRENCE, KAN.

## WEATHERPROOF LIVING

Cooling and heating equipment provide vacation-resort climate  
the year around in this Rice county home



**MOST OF THE TIME** Joe Hunter is under that hat—going places and doing things. His office, in the home, is decorated with herd pictures and stock show prize ribbons.



**H. A. CLARK** explains operation of heating unit to Mr. and Mrs. Hunter. Air conditioner is at left.

**BEST BUY** in comfortable living is automatic heat and automatic air conditioning. That's the word from Mr. and Mrs. Joe Hunter, in Rice county. Nothing you can spend your money for, they say, will bring more year-around family enjoyment.

Tailoring home temperatures to weather conditions for the Hunters is now just a matter of shifting a lever and flipping switches. After that, sensitive instruments take over controls. That means warmed humidified air in winter; cooled, dehumidified air in summer; and cleaned air both seasons. No smoke, no soot, no dust, no grit. No sweat-soaking sleep in summer; no marrow-chilling cold in winter. It all adds up to comfortable living.

"Maybe that's why we haven't taken a vacation lately," said Mr. Hunter. "Cool Colorado seems to have lost its appeal for us—especially that long, hot drive between here and there. We can have the same climate without getting out of the house. And we can have it all summer—not just a few days." Then he explained they enjoy the heating as much as the cooling.

### Got Tired of Old Way

The Hunters signed up for machine-made comfort because they got tired of fighting a hand-fired, gravity-type furnace. The old plant put out plenty of heat but it wasn't evenly distributed. And the furnace had to be watched and tended constantly during cold weather.

Here's about the daily schedule, as outlined by Mr. Hunter:

1. First thing in the morning, go to basement, break the bank, clean out clinkers, shake down ashes and fire up.
2. Check at midmorning and fire again if necessary and it usually was.
3. Noon, fire again.
4. Check at midafternoon and fire again, maybe.

5. Fire again about evening chore-time.
6. Check at midevening.
7. Bank fire at bedtime.
8. Carry out ashes and cinders 2 or 3 times a week.

"That," said Mr. Hunter, "was a lot of work—especially for Mrs. Hunter when I was away from home or busy outside. And she had plenty of other things to do." Mr. Hunter is a widely known cattle judge, a member of the Kansas State College council on research and education, a county commissioner, and active in the Milking Shorthorn breed association. So there are plenty of times when he wasn't home to tend the furnace. "Besides," he added, "heat was erratic—sometimes too much; other times not enough."

"Yes, and you'd be surprised how much soot settled on my clothes on washdays when the wind was just right," Mrs. Hunter explained. "We couldn't keep the wallpaper, drapes and curtains clean. There was dust on everything and the basement always was a mess."

### Affords Uniform Temperature

But that's all over now. The new plant is fully automatic. Also, it employs a relatively new principle—perimeter heating. In this system, the heat outlets or diffusers are placed near the outside walls and below windows. Heat under fan pressure bathes the exposed walls and windows as it rises to circulate thruout the room. This affords uniform temperatures all over the house.

When the Hunters ordered the new plant, H. A. Clark, the dealer, suggested the cooling unit be installed at the same time. The trend, he advised them, was toward the dual-purpose equipment and he predicted they would be wanting the air conditioner eventually. "You'll be money ahead," he said, "by putting both in now." That was

(Continued on Page 37)

Kansas Farmer for February 6, 1954

IF YOU COULD  
OWN ONLY **ONE**  
HAND TOOL...



YOU'D  
CHOOSE  
**VISE-GRIP**

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World's  
Most  
**USEFUL**  
Hand Tool

**POSITIVELY**  
Does More  
Jobs Easier  
Than Any Other Tool

IT'S POWERFUL — IT'S HANDY — It's the one tool you can't do without! A squeeze of the hand locks jaws with **Ton-Grip**. Won't slip! Bends, twists, pulls, cuts, ratchets — **REALLY HOLDS**. Actually a whole tool kit in one trim tool — adjustable end wrench, super pliers, vise, clamp, locking wrench, pipe wrench, toggle press — **ALL IN ONE!** Get yours today, plus an extra for your car, truck and tractor. 7" with cutter, \$2.25; 10" with cutter, \$2.60. Other models low as \$1.85. Ask your dealer.

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THE  
NEWS?**

Now there's a **4-way**

to fit the  
**FORDSON MAJOR**

See Advertisement on Page 8

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**SWINGING  
CONVEYOR  
Tilting Hopper**

**MILL FEEDER  
ATTACHMENT**

Saves Work... Increases  
Grinding Capacity of Any Mill  
or Grinder as much as 20%  
Fits most Trailer-type  
P.T.O. Mills, Shellers, etc.



Illustration shows  
**KOYKER** Equip-  
ment on **GEHL**  
Feed Mill.

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complete listings to:  
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Dept. KF, HULL, IOWA

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

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

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



## Engineered for SAND CONDITIONS

... the NEW  
SKINNER S-750  
Sprinkler



... with  
GRIT GUARD  
bearing

power tested in the very worst of  
and conditions and continuously run  
without a stoppage for over 2,000 hrs.

File today for full details

Skinner Irrigation Co.

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for over a half century

**NATIONAL Vitrified SILOS**  
Everlasting TILE  
Cheap to install. Trouble Free. Also  
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Buy Now Erect Early  
IMMEDIATE SHIPMENT

F.H.A. LOANS AVAILABLE  
Write for prices. Special discounts now.  
Good territory open for live agents.

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TRAILER • FEEDER

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Olderly Perfect!

chapped, cracked, itchy feet; massage.

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ointment

Extra-rich in Lanolin. Contains odorless  
antiseptic. For all minor farm healing jobs.

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Make HAY the MEYER way

MEYER WAY is worth more to sell or feed.

Hay dries fast as leaves...leaves stay on...hay

retains color, protein and up to 300% more carotene

(vitamin A). Cuts and conditions hay at same time.

Working time cut in half—hay can be put up same day

as cut. Danger of sun burning, bleaching, rain spoil-

age is reduced. Features Exclusive Floating Rotary

pick-up that raises freely over rocks and terraces.

Write for FREE Folder and Prices Today!



MR. HUNTER can shift from warm to cool air merely by depressing the lever.

good logic and they accepted his recom-  
mendation.

The 2 units are designed to fit into  
the same distribution system. One set  
of pipes serves both and a single fan  
circulates either warmed or cooled air.

A dependable and ample supply of  
water must be available for the air  
conditioner. "I would advise anybody  
to check his supply before buying a  
home cooler that operates on water,"  
said Mr. Hunter. "We have a good well,  
which with a 6- by 20-foot concrete  
reservoir 5 feet deep gave adequate  
supply for household and livestock pur-  
poses. And we measured the flow to  
see whether there was enough for the  
air conditioner. But even so we have  
had to be careful. I'm convinced it will  
be necessary to conserve discharge  
from the air conditioner. That can be  
done by piping the overflow to my stock  
tanks."

Well, windmill and reservoir are on  
high ground above the farmstead. Grav-  
ity pressure was ample for household  
and barnyard outlets until they bought  
an automatic washer.

"Flow just wasn't strong enough for  
the washer, so we put a small pump  
and pressure tank in the basement,"  
Mr. Hunter explained. "When we got  
the air conditioner we just hooked it to  
the pump pressure line, Mr. Clark's  
test indicated the gravity pressure was  
enough for the cooler, except for the  
many other outlets."

### Always Restful Sleep

During hot weather they operate the  
cooler to maintain house temperature  
of 80 degrees. With the house cool at  
sundown, night air brought in by the  
circulating fan, which can be operated  
independently, they rarely find it neces-  
sary to run the cooler for restful sleep.

"We're not only much more comfort-  
able both night and day," said Mrs.  
Hunter, "but because we can keep the  
windows closed, we have less dust in  
the house during dry weather."

"And if you want to take a nap at  
noon or on Sunday," Mr. Hunter added,  
"you can really get a refreshing rest."

Cost of operating the cooling system  
is nominal—only the price of electricity  
to run the fan and pump.

For several years the Hunters have  
used butane from a 500-gallon buried  
tank for cooking and water heating.  
Upon recommendation of Mr. Clark  
they installed a 750-gallon propane  
tank to supply the new furnace. A ten-  
ant house is heated by butane. Mrs.  
Hunter, who keeps the fuel records,  
says the heating bill for both homes is  
about \$1 a day. There are 6 in the ten-  
ant family and were 8 in the Hunter  
home until a daughter married. We  
consider gas the cheapest fuel we have  
used," she said.

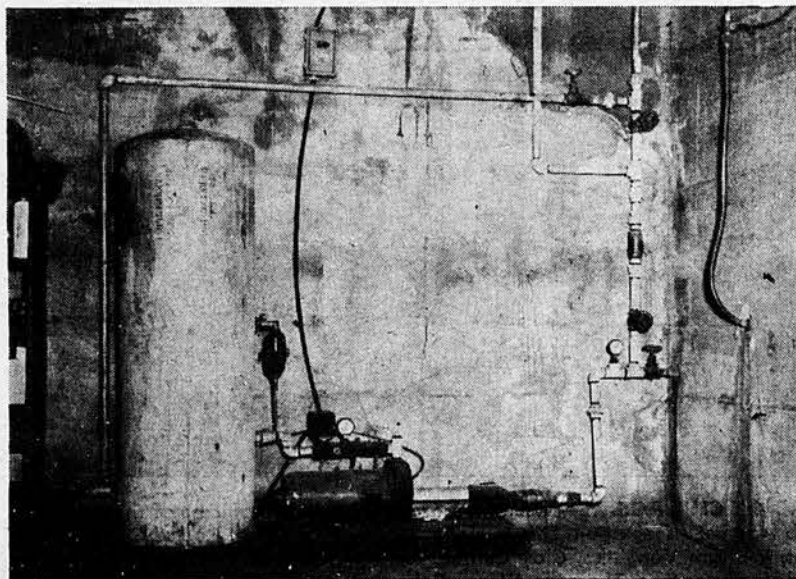
The Hunters operate 1,160 acres.  
From 200 to 400 acres go into feed for  
a herd of about 100 Milking Shorthorns.  
From 400 to 600 acres are in wheat.

Mr. Hunter says the cattle and the  
feed they require are a good balance  
for wheat. And the Milking Shorthorns  
afford safety against the hazards of  
both beef and dairy production.

"I can switch from one to the other  
in a hurry without disrupting my pro-  
gram or without extra investment. And  
I don't have to apologize for my output  
on either market."

### New Farm Book

A Kansas agricultural leader of lo-  
cal, state and national experience has  
authored a fine, new book on the story  
of agriculture in Kansas. Ralph Sny-  
der, farm-reared and a graduate of  
Kansas State College, gives a social  
approach to the farm movement in  
Kansas and relates it to general na-  
tional farm programs. The new book  
is interestingly written and well illus-  
trated. Copies are available from the  
Kansas Cooperative Council, Room 523,  
Garlinghouse Building, Topeka. Price,  
\$2.



A SMALL PUMP installed to boost water pressure for an automatic washer  
also serves the air conditioner.

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give it Faster-Milk Out Drier



One-Motion  
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Hinman  
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Even the most nervous cows  
respond to its

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**10" LOW - VACUUM ACTION**  
**AND YOU DON'T HAVE TO**  
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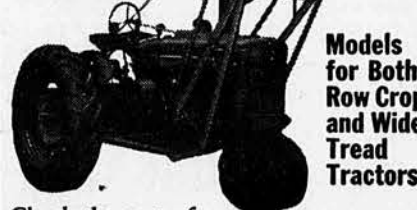
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Models  
for Both  
Row Crop  
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Check the cost of a  
Jayhawk against the time, work and  
money it will save and you'll find it  
economy to order one. None beats it for  
power, easy operation, quick hitch, low  
clearance, rugged construction, low cost.  
Complete with 48" scoop with removable  
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Hydraulic Scoop Control, 18-ft. Hay  
Crane with hydraulic grapple  
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ARE... *Now*  
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**ORDER DIRECT and SAVE!**—Send check or order, and we ship parcel post prepaid, COD, if you prefer. Write—

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INSECTICIDE CONCENTRATE  
Mixes 1 gallon to 20 gals. of oil... \$12.75 per gal.  
Combination OFFER!  
Both For Only **\$3150**

**HURRAY!**

Now I can get a...

**4-way**

for my **FORDSON MAJOR**

See Advertisement on Page 8

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1164 West Ash, Salina, Kan.



## Right Vegetable Varieties Guarantee Your Garden Success

By WILLIAM G. AMSTEIN, Kansas State College

YOUR 1954 CHOICE of vegetable crops and varieties will need to be made very soon. It is a job that if well done helps guarantee success of your entire season's work, plus a stored food supply for your family next fall and winter.

Vegetable varieties are more than pictures on the seed packets and names in the catalogs. Some variety names represent 10 to 20 years or more of experience and satisfaction. Others may be new introductions available for the first time. Since 1953 was for most of us a poor garden year, I doubt whether we will recall many varieties with much favor that were tried only once. Two jobs deserve our attention now: One is to choose adapted or the best available vegetable varieties. The second need is to plan to include a greater number of useful crops in your 1954 garden. This does not mean you have to grow a larger garden, but you can grow a better one by this extra care.

### Here Are Suggestions

This list of extra crops to consider will vary for most gardeners. Here are some suggestions: Head lettuce as well as leaf lettuce, cauliflower and broccoli in addition to cabbage, and onions from seed, as well as from plants and sets. Making more than one planting of a crop is often worth-while.

Tomato varieties are still the most important item. For most locations in Central and Western Kansas, Sioux is the best answer. In a recent leaflet from Oklahoma, I notice Sioux is the variety stressed. Others I hope some of you find and try are: Siouxann, Moreton and Vancross. There are several hybrids from Stokes, Burpee and other firms we plan to test this year.

The following are suggested vegetable crops and varieties for Kansas. Disease-resistant varieties or strains and certified seed always should be used where possible:

Beans: Snap—Topcrop, Bountiful, Stringless Green Pod. Wax—Golden Wax, Pencil Pod Wax. Lima—Bixby, Fordhook 242.

Beets: Early Wonder, Detroit Dark Red.

Cabbage: Yellows Resistant Golden Acre, Marion Market, Badger.

Carrots: Red Cored Chantenay, Danvers Half Long.

Corn: Golden Cross Bantam, Ioana.

Cucumbers: Burpee or other hybrids, Marketer.

Lettuce, Leaf: Black Seeded Simpson, Grand Rapids, Slobolt.

Onion: Sweet Spanish, Bermuda (plants, sets and seed).

Peas: Little Marvel, Wando (heat resisting), Burpeeana.

Irish Potatoes: Irish Cobbler, Red Warba (use certified seed).

Spinach: Bloomsdale Long Standing, America.

Summer Squash: Straightneck, Caserta.

Winter Squash: Uconn, Butternut, Buttercup.

Sweet Potatoes: Nancy Gold, Orlis, Kande.

Swiss Chard: Lucullus.

Tomatoes: Eastern Kansas (wilt resistant) Rutgers, Marglobe, (non-wilt resistant) Valiant, Stokesdale or Sioux. Central and Western Kansas Sioux, Porter, Westernred.

Turnips: Purple Top Globe.

Watermelons: Kansas, Blacklee.

Other crops or varieties that deserve planting include:

Beans: Wade.

Broccoli: De Cicco, Italian Green Sprouting.

Cauliflower: Early Snowball.

Chinese Cabbage: Michilli, Chihli.

Kohlrabi: Early White Vienna.

Tomatoes: Hybrids (select them for early and late maturity).

Hybrid Sweet Corn: Hoosier Gold, Gold Rush, Golden Security, Prosperity, Lochiet.

Onion: Hybrids.

Irish Potatoes: White Cloud.

Asparagus: 500.

Lettuce: Salad Bowl.

Okra: Clemson, Dwarf Green.

Radish: Cherry Belle.

Rhubarb: McDonald, Ruby.

Watermelon: Fairfax, Congo.

## Soil Association Elects Officers

Newly-elected officers of the Kansas Association of Soil Conservation District Supervisors chosen at their annual convention at Salina recently are: Stanley Marr, Esbon, president; Nathan Babcock, Hiawatha, vice-president; Bernard Melia, Ford, secretary-treasurer; C. C. Cunningham, El Dorado, Roger W. Lemon, Viola and Clarence Brown, Collyer, all elected to the state soil conservation commission.

## Farmers Union Elects Officers

Newly-elected officers of the Kansas Farmers Union, chosen at the organization's annual convention at Salina recently include: Martin Byrne, Topeka, president; Homer Spence, McPherson, vice-president; George Reinhart, Parsons, director, southeast district; Alvin Katsenmeier, Ellsworth, director, southwest district.

Named delegates to the national convention in Denver in March, 1954, are Arvin Oelschlager, Clay Center; Mr. Reinhart and Mr. Spence.

## NEW CLUB AGENTS' ASSOCIATION OFFICERS



**HEAD 4-H CLUB AGENTS**—These men are newly-elected officers of the Kansas Club Agents' Association: Left to right, Wayne Chambers, Dodge City, president; William VanSike, Clay Center, secretary-treasurer; J. J. Feight, Winfield, reporter and Thurman Wren, Columbus, vice-president. Election was held as part of the 39th Extension workers conference at Kansas State College November 2 to 6.

## Use Fertilizer

New tips on fertilizers are found in "Fertilizer Application Guide for Major Field Crops," published by the New Idea Farm Equipment Company. There are more than 100 pictures, drawings and charts on how to take care of your soil. For a free copy, write Farm Service Editor, Kansas Farmer, Topeka. These new ideas will help you in making plans for this crop year.

## Good Sweet Clover Crop Produced in 1953

Kansas 1953 sweet clover seed is set at 3,360,000 pounds of clean seed. This compares with 1952 production of 2,970,000 pounds, reports the U. S. Bureau of Agricultural Economics. The State Board of Agriculture, Kansas ranks as 4th largest sweet clover seed producing state. Acreage harvested for 1953 is 28,000 acres, smallest since 1937, and compares with 33,000 acres in 1952. Yields, though, are more favorable, with indicated yield of 120 pounds of clean seed comparing with only 100 in 1952. Much sweet clover was harvested for hay because of demand for hay thruout Kansas.

## Set Price Supports For 1954 Crops

Price supports for oats, barley, and grain sorghums produced in 1954 will be 85 per cent of parity, announced the USDA, same percentages as for 1953 crops. National average rates will be: oats, 75 cents per bushel for grade No. 3 or better; barley, \$1.15 per bushel for grade No. 2 or better (except "mixed" barley); rye, \$1.43 per bushel for grade No. 2 or better or grade No. 3 on test weight factor only but otherwise grading No. 2; grain sorghum, \$2.28 per hundredweight for grade No. 2 or better (except "mixed" grain sorghums).

For details, see your local PMA.

## 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 .....	\$25.00	\$23.50	\$23.00
Hogs .....	27.00	26.00	19.00
Lambs .....	21.50	20.00	21.00
Hens, 4 to 5 lbs. ....	.25	.24	.25
Eggs, Standards .....	.44	.42	.38
Butterfat, No. 1 .....	.58	.56	.54
Wheat, No. 2, Hard .....	2.43	2.52 1/2	2.40
Corn, No. 2, Yellow .....	1.57	1.58	1.50
Oats, No. 2, White .....	.96 1/2	.96	.90
Barley, No. 2 .....	1.34	1.28	1.47
Alfalfa, No. 1 .....	—	—	45.00
Prairie, No. 1 .....	—	—	38.00

## DIAMOND PACKER

Reduces Water Run-off; Holds Soil



No one knows what the season is going to be, when it is going to rain or how much. Is it going to be dry and for how long, or is the wind going to blow and how bad? If we could answer these questions, farming would be very simple. For this reason we say use the Diamond Packer every time you go to the field with a tillage tool. It packs the ground, keeping it from drying out and saving the moisture already there, leaves the diamond shaped holes 42,000 per acre to hold the rain you do get directly where it falls, keeps the topsoil or silt where it belongs and eliminates the chance of soil blowing by leaving the ground rough.

Write for descriptive literature and prices  
**SUNFLOWER MFG. CO.**  
Beloit, Kansas



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Box 562, Wichita, Kansas

## SCHLICHTMAN'S

**EGG BRED—**  
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Also Sexed and Started Chicks

**\$11.90**  
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**R.O.P. FOUNDATION BREEDING SCHLICHTMAN HATCHERY**  
Appleton City, Missouri

Coombs Chicks for real egg production. Raise genuine Hy-Line Chicks from parent stock developed by Pioneer Hi-Bred Corn Company. Hy-Lines averaged 303 dozen extra eggs per 100 birds per year over other chickens in the farm tests. Produced eggs for 5c lower cost per dozen. Coombs strain-crossed White Leghorns. Backed by over 30 years of 322 egg sires. Very few chicks can show this kind of high egg ancestry. These are a kind of Leghorns you need for high egg production. Coombs strain-crossed White Leghorns. Produced by crossing stock from two production ROP strains. For fast growing older chicks with high feed efficiency, get Coombs Silver X Chicks. Write today. Coombs Box 6, Sedgwick, Kan.

50 Per 100 Buys Best AAA Lay-Better chicks with up to 352-egg bloodline. 100% blooded. Official test showed 98.6% livability. Customers report 10% egg production during January. U. S. Approved Pullorum Passed. Large White Rocks, New Hampshires, White Wyandottes, Production Reds, \$8.90. Pullets \$14.90. Chicks \$6.90. White Leghorns, Austrians \$15.90. 90 Pullets \$15.50. Barred cockerels \$2.50. Red cockerels \$4.90. Heavy mixed unsexed 90. Leftovers, our choice \$3.90. F.O.B. Give good choice. Alive delivery. Free catalog. Full Hatchery, Box 6-E, Fulton, Mo.

Wholesale prices, thousands weekly. Assorted Heavies \$6.45. White Barred Rocks, Hampshires, Wyandottes, Red Leghorns, Minorcas, Austrians, hybrids, \$7.45. Leftover surplus or Chicks \$1.99; also other assortments, \$2.95. \$5.95, \$5.95 up to \$12.95 surplus pullets. 2 choice 26 breeds or sex. Send money or we will C.O.D. 100% alive F.O.B. Catalog. Hi-Grade Chicks, Deepwater, Mo.

AA White Leghorns, Straight Run \$10.85. Pullets \$19.95. White Rocks, Barred Rocks, New Hampshire Reds, Straight Run \$10.85. Pullets \$16.90. Heavy Cockerels \$8.95. Barred Cockerels \$2.95. Heavy Assorted \$7.90. Order from us and Add \$1.00 for AAAA grade. F.O.B. Live delivery guaranteed. Free literature. Clinton Hatchery, Box 205-KF, Clinton, Mo.

Chicks, Reds, Hampshires, Wyandottes, \$9.95; pullets \$14.95; Leghorns, Austrians-Whites, Minorcas, \$9.95; pullets \$18.95; Heavies \$8.95; Chicks \$4.95; surplus \$3.95, as available. 26 breeds. Capons, Started Pullets F.O.B. Alive. D. Catalog. Bush Hatchery, Clinton, Missouri.

My Surplus Chicks fresh from the incubators. Guaranteed healthy, and vigorous. Such chicks are only \$8.95 per 100, mixed heavy and light. 95 per 100. Table Specials \$2.95 per 100, all our choice. Gorgeous catalog free. Berry's Farm, Box 5A, Clarinda, Ia.

After Bred Chicks, White Rock, Barred Rock, New Hampshire, Red, Austria-White, Hampshire, White Leghorn, A.A. \$8.95. Super-Lay \$9.75. Assorted \$8.25. Leftovers \$3.95. Live delivery guaranteed. St. Clair Hatchery, St. Clair, Mo.

Wyandottes, Reds, White, Barred Rocks, Hampshires \$8.95, pullets \$13.95. Leghorns, Austrians \$8.95, pullets \$16.95. Heavies \$8.45, mixed \$9.50. Table Specials \$4.95, surplus \$2.95. Catalog. Simpson Chicks, Springfield, Mo.

America's leading pedigree-blooded strains at lowest prices. Leghorns, Rocks, Production Reds, Hampshires, other popular and rare breeds. Eggs and broiler crosses. Catalog free. Mathis Farms, Dept. 7, Parsons, Kan.

Flowers \$1.95. Heavies \$5.95. Rocks, Reds, Hampshires \$7.85. Surplus Pullets \$12.95. Red \$2.95, our choice, 26 breeds, sex, no culls, surplus. C.O.D. F.O.B. Everybody's Chicks, Box 33, Clinton, Mo.

Good Profits—assured with 23 generations breeding from 300 egg hens. Make capon fryers with pellet—so easy—delicious—faster gains. Eckensette's, Sabetha, Kan.

## GOOCH'S BEST SEEDS

Kansas Alfalfa ..... Per Cwt. \$33.00  
Sweet Clover ..... Per Cwt. 17.00  
Seed Oats—Cherokee or Red Texas ..... Per Bu. 1.68

Send Check or Money Order. All f. o. b. Salina, Kansas. We carry a full line of Affidavit Farm Seeds.

**THE KANSAS SEED CO.**  
BOX 877 SALINA, KANSAS

## BABY CHICKS

Hampshires, Wyandottes, Reds, White, Barred Rocks \$8.90, pullets \$13.90. Big Leghorns, Austrians \$8.90, pullets \$16.90. Heavies \$7.90. Mixed \$6.90. Leftover \$4.90, surplus \$2.90. Catalog—Clinton Chick Store, Clinton, Mo.

Special Sale U. S. approved Pullorum passed chicks \$2.95 up. Write for circular. Ideal Hatchery, Garden City, Mo.

## ANCONAS

Best Quality Mottled Anconas, Chicks, eggs. Literature. The Thomas Farms, Pleasanton, Kan.

## JERSEY GIANTS

Superfine Chicks, eggs, White Giants—Black Giants since 1922. Other breeds. Free literature. The Thomas Farms, Pleasanton, Kan.

## MINORCAS

Superfine Golden Buff Minorcas—since 1925. Chicks, eggs, other breeds. Literature. The Thomas Farms, Pleasanton, Kan.

## WYANDOTTES

Best Quality Silverlaced Wyandottes, Chicks, eggs. Other breeds. Literature. The Thomas Farms, Pleasanton, Kan.

## CAPONS

Caponize Cockerels Chemically. 100 pellets \$2.00 with implanter free. Results guaranteed. Circular free. Majors Produce, Manhattan, Kan.

## POULTRY—MISCELLANEOUS

Peafowl, Swans, Guineaes, Bantams, Waterfowl. Thirty varieties Pigeons. John Hass, Bettendorf, Ia.

## FEATHERS WANTED

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

## DOGS AND SUPPLIES

English Shepherds, Border Collie puppies. All ages, both sexes, choice colors, faithful workers, satisfaction guaranteed. Fairmount Farms, Cedar Falls, Ia.

Wanted to buy good collie and shepherd puppies. Classified Department, Kansas Farmer, Topeka, Kan.

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

## LOST, STRAYED OR STOLEN

\$100 Reward return male Collie Shepherd. Reddish brown and white, fairly tall, thin. Long nose with pink marking. Telephone 5-6042, Topeka, after 6 p. m.

## KANSAS CERTIFIED SEED

### SEED CORN

K1639—K1784—US523  
White yellow flats \$9.00, Rounds \$5.00. White flats \$12.00, Rounds \$7.50. Freight paid on 3 bu. or more.

JOE WASSERBERG & SON, Marysville, Kan. Certified Mo. 0-205 Oats, germination 96%. \$2.00 bu. sacked. Bulk rates. John Hamon, Valley Falls, Kan.

## SEEDS

Sow Seeds Guaranteed to produce better stands than any other seeds of equal quality. Berry's genuine Gro-Coated Brand Seeds sold on this sensational guaranteed basis. Alfalfa \$16.90 bu. Grimm Alfalfa \$17.70. Red Clover \$22.50. Sweet Clover \$8.25. Alsike \$15.30. Timothy \$9.00. Ladino Clover \$36.90. Lespedeza \$16.80. Brome \$19.00 cwt. Write today for complete details of our guarantee and big free catalog of farm, garden seeds, nursery stock. Learn amazing performance of seed with Gro-Coat protection. 160 grades and varieties. Free samples of any seed. Write now while stocks are large and prices lowest. Berry Seed Co., Box 484, Clarinda, Ia.

Range and Pasture Grass Seeds—Native Blue-stems, Switchgrass, Caucasian Bluestem, Blue Grama, Side Oats Grama, Buffalo, Sand Love, and many other grass seeds. Hardy dry land legumes Madelon Vetch, Madrid Sweet Clover, common Yellow and White Sweet Clover. Write today for low direct prices. Your grass seed specialist. Miller Seed Co., Box 1823, Lincoln, Nebr.

Hardy Reclaimed Kansas Alfalfa Seed; certified Buffalo, Ranger, Atlantic Alfalfa; also Sweet Clover, Red Clover, Ladino, Brome, Fescue, Timothy, Lespedeza. Save money. Send postal today for catalog, samples, and low freight paid prices. Quick service, satisfaction guaranteed. Serving growers over 50 years. Jack Bowman, Box 615, Concordia, Kan.

Buy Direct and Save—Hardest, most drought resistant, highest yielding, new Hybrid Rambling Rhizoma Alfalfa; Cossack, Ladak and Ranger Alfalfa; improved pasture and hay grasses. Lowest prices in 21 years. Sam Bober & Sons, Box 751 H, Rapid City, S. D.

Dependable Hybrid seed corn, 9 numbers. Certified seed oats. Also non-certified seed. Grass seeds. Write for catalog. Dealers wanted. Joslin Seed Farms, Holstein, Ia.

Certified Mo. 0-205 oats. \$2.25 per bu. Swinger & Alley, Marshall, Mo.

Seed Corn—Kansas Sunflower. For silage and yield. \$4.00 bu. Free samples. L. C. Feigley, Enterprise, Kan.

Extra Hardy Ranger Alfalfa Seed from unirrigated Nebraska sandhills. Leafier. Longer lived. Market prices. Samples. Cullinan's, Bucktail, Nebr.

For Sale—Four thousand bu. Proso Hog Millet \$9.00 cleaned or \$7.00 uncleaned per hundred. Elmer Malmkar, Grant, Nebr.

Introductory packet hybrid tomato seed, 20c coin. Circular. Fike's, Council Grove, Kan.

## EDUCATIONAL—BOOKS

### AUCTION SCHOOL

Learn Auctioneering America's Leading Auctioneers Teach You. Students sell actual sales. Largest school in world. 20 years in operation. Don't be misled. Term soon. Free catalog. Write REISCH AUCTION SCHOOL, Mason City, Iowa

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Old Books, Know Their Value. Information free. Write Clinton Book Exchange, Box H311, Clinton, Mass.

Learn Auctioneering. Term soon. Write for catalog. Missouri Auction School, Box 8425A9, Kansas City, Mo.

Ft. Smith Auction School, Ft. Smith, Ark. Term soon. Free catalog.

## PLANTS AND NURSERY STOCK

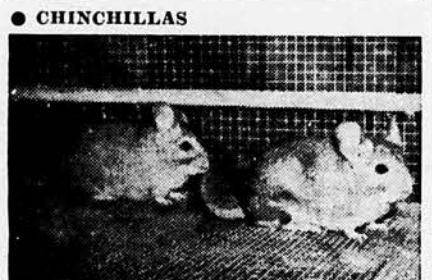
Strawberry Plants—Certified Blakemore, Dunlap Robinson, Premier, Aroma, and Klondike. 50—\$1.00, 100—\$1.75, 200—\$3.00, 500—\$6.50, 1,000—\$12.00. The Great New Armure, 25—\$1.00, 100—\$2.50, 500—\$10.00, 1,000—\$17.50. Everbearing—Gem, Mastodon and Streamliner will bear this year, 25—\$1.00, 50—\$1.75, 100—\$3.00. Twentieth Century America's largest and best everbearing, 25 giant plants \$2.00, 100—\$7.50, 25 Cumberland black raspberry, \$2.00, 25 Latham or sunrise red raspberry, \$2.00. September—New everbearing red raspberry berries this year, 5—\$2.00, 10—\$3.50, 25 Blackberries, \$2.00, 10 Concord or Fredonia grapes \$2.00, 4 gooseberries, \$1.00, 12 rhubarb, \$1.00, 12 asparagus 3 yr., \$1.00. Everything postpaid cash with order or shipped COD for postage extra. Price list free. Ideal Fruit Farm, Stilwell, Okla.

Frostproof Cabbage and Onion Plants—Large, hand selected. Cabbage—Wakefields, Dutch, Copenhagen, 200—75c; 300—\$1.00; 500—\$1.50; 1,000—\$2.50. Onions—White Bermuda, Yellow Bermuda, Sweet Spanish, 500—\$1.25; 1,000—\$2.00; 2,000—\$3.50. All postpaid. Prompt shipment. Satisfaction guaranteed. Culver Plant Farms, Mt. Pleasant, Tex.

Free—Guide to special vegetable plant offers. Write for yours today. Wright Plant Company, Omaha, Tex.

20th Century—America's largest and best everbearing strawberry. 25 giant plants \$2.00, 100—\$7.50. September—New everbearing red raspberry. Large berries until frost. 5—\$2.00, 10—\$3.50. All postpaid. Price list free. Ideal Fruit Farm, Stilwell, Okla.

## CHINCHILLAS



### RAISE CHINCHILLAS

Sure they are valuable, but enjoy rugged health. Clean, odorless, and gentle, their feed costs under \$3 a year. You can raise them in your basement or garage. It's a hobby that can become a sound business for you. We will furnish you with complete information. ALLIED FUR INDUSTRIES, INC., Nebraska Branch Office, 1114 13th St., Auburn, Nebraska

## FUR BEARING ANIMALS

Raise Mink: Free booklet, pen plans, inside "secrets," feed, care. Mink are money makers. Investigate today. Lawrence Molgard, Brigham City 55, Utah.

Chinchillas Are Valuable, profits high. Finest graded Allied Chinchillas. Start in a spare room or basement. They are clean, gentle, vermin free. Feed cost under \$3.00 yearly. Write for free information. Allied Fur Industries, Inc. Nebraska & Kansas Branch Office, 1114 13th Street, Auburn, Nebr.

## FILMS AND PRINTS

20 BILLFOLD SIZE PRINTS \$1  
Doubleweight prints, 3-day service. Send any photo or negative. Include name and address, with cash, check or money order.

HAWKEYE FILM FINISHING  
Dept. C15, Box 812 Des Moines, Iowa

No Charge—for developing roll—same day service—pay for prints only—regular size 3c—Jumbo 4c. Refund on prints not good. Established 25 years. Square Deal Photo, Box 1153 D, Hutchinson, Kan.

20 DECKLEDGE REPRINTS 50c  
6-8 exposure roll developed and printed 25c; 12-exposure, 30c; Jumbo prints, 4c each.

Box 1068-KF Topeka, Kan.

3c Reprints 3c each negative size. Jumbo size 4c. 8-exposure roll developed and printed 25c. Jumbo 35c. 2 each negative size 35c. 10 billfold size pictures of your photo 65c. 6 5x7 enlargements \$1.00.

**SUMMERS STUDIO**  
UNIONVILLE, MO.

Eight-Exposure Roll printed one of each 30c; two each 40c; one each Jumbo 40c. Star Photo, Denver, Colo.

## FOR THE TABLE

**HONEY MIXED FLOWER**  
60-lb. Can F.O.B. \$9.90

Extracted—Pure as bees can make it. 60-lb. Can Clover, F.O.B. \$12.00  
12-lb. Can Clover (Postpaid to 300 mi.) 3.85  
12-lb. Can Mixture (Postpaid to 300 mi.) 3.50

Order Promptly—Supply Limited  
HAHN APIARIES, 1715 Lane St., Topeka, Kan.

Sweet Juicy Florida Valencia oranges \$5.75. Marsh Seedless Grapefruit \$5.50. Mixed \$5.65 bu. Prepaid. Theo. Gau, Fruitland Park, Fla.

Smoked Whitefish (Canadian) 10-lb. carton postpaid \$6.00. Fradet, West Fargo, No. Dak.

## 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, associated condition. Newest scientific procedures. Thornton & Minor Hospital, Suite C206, Kansas City 9, Mo.

Ruptured? Bulbless, beltless, strapless truss. Write for demonstration. No obligation to buy. Brandon, Clinton, Ill.

## HAY AND GRAIN

Alfalfa hay, good quality, price right. Buy direct and save the difference. D. P. Cavender, Wiggins, Colo.

## BUILDING MATERIAL

**PAINT**  
Year End Inventory Closeout

All packed in five-gallon drums. By gallonage: 2200 Flat White, 1.50 Cream, 1100 Gray, 700 Green, 1400 Outside White, 1500 Brown. Price f.o.b. Rahway, \$1.15 per gallon, remittance with order. Commercial Chemical Company, Rahway, New Jersey.

## OF INTEREST TO WOMEN

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.

New Towels, large size, assorted colors. Money back guarantee. 12 for \$1.00. Order now! Murray Hill House, Dept. 336-B, 157 East 31st Street, New York, N. Y.

Good Money in Weaving. Weave rugs at home for neighbors on \$69.50 Union Loom. Thousands doing it. Booklet free. Union Looms, 163 Post St., Boonville, N. Y.

For Sale—Kerosene Burning Kiln for firing hand-painted china. Patterns, paints, mediums included. \$100 plus crating and transportation. Vera Wolf, Almena, Kan.

Be a Licensed Practical Nurse. One-year course. Classroom teaching. Supervised hospital training with pay. Classes start every six months. Write P.N.S.O., University of Kansas Medical Center, Kansas City, Kan.

Bargains, 125 razor blades, superfine double-edge, \$1.00; pinking shears, precision quality, \$2.45; deluxe writing set, fountain pen, ball pen, pencil, gift boxed, \$1.25. Brock-Way Plan, 1145 High, Topeka 4, Kan.

Rogers Silverware 56 pieces. You sell on easy terms, we pay big cash commission. Write Colonial, Box 2556, Salt Lake City, Utah.

Send Wool or Wool Rags. For woollens, batting, blankets. Free circular. North Land Woolen Co., 303 N. Sibley, Litchfield, Mo.

Kitchen Aprons \$1.00, 80 sq. percale drindl style. State color, waist. Apronne Shoppe, Red Rock, Okla.

Quilting? Remnants? Silks, cottons, velvets, suitings, satin; samples 10c—Rainbow, Estill Springs 13X, Tenn.

## OF INTEREST TO ALL

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, Cesspools, Septic Tanks cleaned, deodorized with amazing, safe, harmless powder. Easy, economical to use. Saves digging, pumping. 150,000 customers guarantee satisfaction. Details free. Burson Laboratories, Dept. 0-44, Chicago 22, Ill.

Save Chicken Feed! Don't feed the sparrow a 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.

Money-making Opportunities. Choose from hundreds. Read world's biggest classified medium. Free copy. Popular Mechanics Classified, 200-KF East Ontario, Chicago 11, Ill.

Pin-up Collectors—Hot bargain 240 big pictures—Hollywood models. All different only \$2.00. Photos Ltd., Dept. 34-B, Box 1533, Los Angeles 36, Calif.

Handicraft, all kinds, wanted for Craftshop sales. What can you offer? Want list 3c. Crafts, Loganville, Ky, Wis.

Money-making Homework! Experience unnecessary! Everything furnished! Hirsch, 1301-32 Hoe, New York City 59, N. Y.

100 Double Edge razor blades \$1.00 postpaid. Money back guarantee. Solvex Products, Monticello 6, Ia.

World's Smallest Bible 50c. Three \$1.00. Empire Distributors, Box 301, Amesbury 5, Mass.

## FARM EQUIPMENT

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

Wanted: Dealers and distributors to distribute our nationally advertised, Blue Bow and Blue Circle guaranteed knotless baler and binder twine. Your sales are guaranteed with our contract. We also have Cooperative Advertising Program. Bob Stone Cordage Company, National Twine Distributors, Charleston, Ia.

Don't Miss the Engine Clutch Sale! Limited time only. V-Belt ball bearing, regular \$24.50 clutch with 3" pulley size to fit engines with 1" shaft. Everything complete. Includes shifter handle and engine bracket. While present stock lasts, \$14.95 each. Hodges Manufacturing Co., Julesburg, Colo.

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

Farmers sharpen your oneways and discs on the farm without dismantling with our three way disc grinder. Costs so little and so easy to operate that you cannot afford to use dull discs. Write for circular. Hyatt Mfg. Co., Kimball, Nebr.

Do You Know the advantages of electric fencing? Do you know the famous International Electric 106 weed chopper will not short out by weeds? Free information is available by writing International Fencer Co., Inc., 1105 W. Chicago Avenue, Chicago, Ill.

Gate: The Modern Easy-Opening Spring Gate opens and closes with the pull of a cable. Write for folder. Dealers wanted. Spring Gate Co., Lamont, Kan.

Want 20 used combines in trade on new Massey's, can use cats, dozers, large power plants, turbine pumps, irrigation pipe, also 55 diesels, 3 years to pay. Sheridan Implement, Sutton, Nebr.

For Sale: 1948 L A Case Tractor, 15x30 tires like new, priced \$1,150. Write Glenn Ebberts, Daykin, Nebr.

Better Crops, safer storage, easier handling with Link Grain Cleaners, grain blowers, auger elevators. Link Mfg. Co., Fargo, N. D.

Garden Tractors, \$100, 3HP, including tools. Write: McLean Tractors, 324 West Tenth, Indianapolis 2, Ind.

16 Light Batteries 32 volt. Ed Schmidt, Chapman, Kan.

(Classified Continued on Page 40)

KANSAS STATE UNIVERSITY LIBRARY



# KANSAS FARMER Classified Advertising

## WORD RATE

10c per word each issue.  
Minimum—12 words.  
Names and addresses are part of ad, thus are billed at per-word rate.

**Livestock Ads Not Sold on a Per-Word Basis**

Column	Cost Per Inch	Column	Cost Per Inch
1	\$4.90	2	\$19.60
3	9.50	3	29.40

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Cuts are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.

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

## FARM LANDS

Strout's Farm Catalog. Farms, Homes, Businesses, 33 states. Coast-to-Coast. Describes 3,298 bargains. Mailed free. World's Largest, 54 years service. Strout Realty, 20-V West 9th St., Kansas City 5, Mo.

1040 Acres Lincoln county, Colo. Well improved stock-grain farm. Near No. 94 Highway. Price \$26,000. Favorable terms. Louis Miller, Frankfort, Ind.

## REAL ESTATE FOR SALE

Information Florida Tax Free Homes. Enjoy living upon retirement. Write Ted Gau, San Antonio, Fla.

3 1/2 Acres, six units, furnished apartment house, amidst own orange grove. Thirty varieties fruits. Something fresh daily. Beautifully landscaped grounds. Rare exotic shade trees ornamentals. Healthful climate, no extremes. Center huge industrial expansion, huge payrolls. Four blocks school. \$36,000. Third cash, easy terms. Owner, 424 Sunnyside, Redlands, Calif.

## MACHINERY AND PARTS

Buy Tractor Parts at Wholesale Prices! Free 116-page tractor parts blue book. Lists thousands of parts for most make and models of tractors and implements. Special savings on accessories, farm equipment, tools. All merchandise brand new, fully guaranteed. Farm Stores, Wichita, Salina. For free catalog send postcard to Tractor Supply Co., 2692 North Halsted, Chicago 14. Limited quantity available. Write today!

Tractor Parts. Largest combination of new and used parts in the country. Free 1954 catalog. Central Tractor Parts Co., Des Moines, Ia., or new branch, Hastings, Nebr.

Headquarters for New and Used Tractor Parts, Tires, Tools, Accessories. Free 1954 catalog. Guaranteed merchandise. Low prices. Prompt service. Acme Tractor Supply Company, Lincoln, Neb.

Garden Tractor \$100.00 "McLean." 3 h.p. 1954 model. Universal Mfg. Co., Indianapolis 2, Ind.

## Beef CATTLE

# 3 BREED BEEF CATTLE SALE

Selling 26 Angus, 21 Herefords  
2 Shorthorns

at the Henry County Fairgrounds

**Clinton, Mo.  
Tuesday, Feb. 9**

Sales Offering: 18 Angus Bulls and 8 Angus Heifers from 14 herds; 19 Hereford Bulls and 2 Hereford Heifers from 12 herds; 2 Shorthorn Bulls from 2 herds.

This is the 17th Sale held by breeders from a 9 county area in west Central Missouri. The offering consists of bulls and females that sell in pasture condition. Farmers have been giving this sale excellent support. It will pay you to drive just over the Kansas-Missouri line and attend this sale. We think you will like our beef cattle.

The sale cattle are consigned by members of

**Western Missouri Cattle**

**Breeders Assn., Clinton, Mo.**

Auct.: C. C. McGinnis, Rich Hill, Mo.

Mark Dempsey with Missouri Ruralist

Wesley Hays with Weekly Star Farmer



## In the Field

MIKE WILSON

TOPEKA, KANSAS

Livestock Editor

## Don Washburn Is New

### Duroc Publicity Man

Don Washburn, Lincoln, Neb., has been appointed Director of Public Relations for the United Duroc Record Association of Peoria, Ill.

Durocs and the Duroc business have been instilled into Don since boyhood.



His father, F. M. Washburn, raised registered Durocs since 1904, and the son went into the business as a 4-H boy.

Later in his career, Don became president of the Minnesota Duroc Breeders Association. In 1949 he became western field representative of the United Duroc Record Association.

As Director of Public Relations for the Duroc Association, Don will direct a "farmer level" promotional campaign on a sectional basis with states; work with colleges on experimental programs; develop a closer relationship between packers and the Association; co-ordinate the Association's field service; solicit commercial advertising and be available for type demonstrations and panel discussions. In addition, he will be the assistant general manager of the 1954 National Duroc Congress which will be held in Topeka, Kan., July 30 and 31.

Don is well known to Duroc breeders of Missouri and Kansas.

On Monday, December 14, a good sized crowd attended the 9TH ANNUAL AUCTION SALE of B-K Herefords, at Longford. The sale was held in the Minneapolis Sale Pavilion. This sale was made up mostly of 1953 calves featuring the get of Dandy Larry D 48th, a son of the great breeding Bridwell Bull, MW Larry Domino 30th. Calves were sold in a good healthy growing condition. The 40 head sold for a total of \$6,105 to average \$152.50. Twenty bulls averaged \$184; 20 heifers, \$120. Gail Jones, Scottsville, purchased the top bull for \$500. Ronnie Barkly, Longford, purchased the top heifer for \$160. Francis Breneman, Solomon, purchased 4 animals. Glenn I. Gibbs & Sam Gibbs, Manchester, both old-time Hereford breeders, purchased replacement heifers.

RALPH L. BAYLES, Garrison, writes our office that last summer they visited Shorthorn herds all over Illinois. They purchased Shore Acres Admiral, a 2-year-old bull from Arnold Bros. last fall. Kansas State College exhibited the American Royal Champion Shorthorn Steer this last year, a steer sired by Gregg's Farm Welcome, owned by Mr. Bayles. Flash, as the steer was better known, was a half brother to the 2 bulls Mr. Bayles sold in the Kansas State Sale in Hutchinson. This sire of the champion steer was purchased from Mr. Gregg and was shown in the 1951 Free Fair in Topeka, where he was reserve champion. Championship was won by the \$10,000 bull shown by Wm. E. Thorne, Lancaster. Mr. Bayles now has 40 head of registered Shorthorn cows in his herd. "Flash" will be shown in Denver at the 1954 National Western Livestock Show.

C. R. BEER & SONS, Larned, have a registered Jersey cow that recently completed a 305-day Herd Improvement Registry production record of 9,131 pounds milk containing 510 pounds butterfat at age of 3 years and 1 month.

The official record was made by Bride Design Ida Clara and her tests were supervised by Kansas State College for the American Jersey Cattle Club.

National recognition was awarded Heersche Smoky Sarah, registered Holstein show cow owned by HEERSCHE BROS., Mulvane, recently, when she was nominated for All-American honors by a committee of nationally-known cattle judges.

Under sponsorship of the Holstein-Friesian World, national breed journal, the All-American competition is conducted annually in an effort to recognize the continent's top contenders.

Six nominees are chosen from the nation's top show winners and a committee of 22 top judges will pick from these the All-American, Reserve

All-American and Honorable Mention animals in each show class by vote.

Nominees are chosen from first prize winners at state fairs, state breed shows, and first and second prize winners at National Regional shows held during the current season.

Heersche Smoky Sarah is competing as a 4-year-old cow. She was first prize 4-year-old and reserve grand champion at National Dairy Cattle Congress; first in class at Kansas State Fair and second at International Dairy Show. She was selected as an Honorable Mention 3-year-old heifer in 1952.

All-Americans will be chosen in aged bull, 2-year-old bull, senior yearling bull, junior yearling bull, bull calf, aged cow, 4-year-old cow, 3-year-old heifer, 2-year-old heifer, senior yearling heifer, junior yearling heifer, heifer calf, get-of-sire, and produce-of-dam classes, and announced shortly after the first of the year.

The annual meeting and banquet of the NORTHEAST KANSAS BEEF BREEDERS ASSOCIATION will be held Tuesday, February 9, at 7 p. m. in the basement of the Presbyterian Church, 12th and Central, Horton, according to word received from Louis Stolp, Bendena, president. Reservations can be made with the county agent, Harvey E. Goertz, Hiawatha. All purebred beef cattle breeders, cattle feeders, and others may make reservations.

A large crowd was present at Maryville, Mo., December 21, for the J. F. McKENNY & SON Angus sale. Cattle offered were not highly fitted but were of good quality and good bloodlines. Sixty-four lots sold for \$20,825, to average \$326. Two bulls averaged \$370; 62 females, \$323. Top bull of sale was Lot 1 bull, Elleenmere MCK 14th, a January 4, 1952, calf sired by Homeplace Elleenmere 81st. Buyer was Fred Spear, King City, Mo., at \$500. Top female was Lot 34, Juara Eppie Mc of the Juana Erica family, a May 2, 1949, calf sired by Elleenmere 487th. Buyer was Penney & James, Hamilton, Mo., at \$1,575. Second top female was Lot 41, Witch of King City 3d, a bred heifer of the Witch of Endor family. She sold for \$900 to R. L. Woolver & Son, Unionville, Mo. Auctioneer was Roy Johnston and Bill Hagel, assisted by fieldmen of the livestock press.

TOMSON HYBRID SEED CORN, Wakarusa, have announced winners in their recent Shorthorn Club Calf Contest. Each of the three winners will receive a Shorthorn club steer calf. Winners are Carol Fleck, Quenemo, Philip Hampton, Parker, and Hubert Renyer, Wakarusa.

This contest was open to any boy or girl who is eligible for either 4-H or FFA projects, and consisted of writing an essay of 50 words or less on why they would like to win a Shorthorn club calf.

J. L. NELSON, Wichita, has made a Guernsey state champion record in the Performance Register of the American Guernsey Cattle Club with his registered Guernsey cow, Honey's Honora of C. D. Her production of 14,187 pounds of milk and 747 pounds of butterfat is the highest Advanced Registry record in Kansas, made by a junior four, milked two times daily for a 10-month period.

The sire of this cow, St. Albans Actor's Grandee, owned by M. F. A. Artificial Breeding Association, Springfield, Mo., has 27 sons and daughters in the club.

Woodhull Super Hester, a 4-year-old registered Ayrshire in the herd of CHESTER O. UNRUH at Hillsboro, has completed an actual production record of 12,351 pounds of 4.1 per cent milk and 500 pounds of butterfat in 305 days on a strictly twice-a-day milking schedule.

According to Chester C. Putney, Executive Secretary of the Ayrshire Breeders' Association, this record is equal to 13,141 pounds of milk and 532 pounds of butterfat when figured to a mature equivalent basis. The record was made in accordance with the rules of the Ayrshire Herd Test Plan.

A large crowd attended the 7TH ANNUAL COWLEY COUNTY HEREFORD SALE, held at Winfield, November 5. Wallace Hutchinson, Hereford breeder of Newkirk, Okla., judged the show, placing the champion bull on the entry of Tharp Hereford Ranch, Winfield. The reserve champion bull was entered by Jay William, Burden. Champion and top-selling female was consigned by O. Boyd Waite, Winfield. Top-selling bull in the sale was WVHR Domino 44 consigned by Kenneth Waite, Winfield. He was sold to Waite & Alred, Winfield. Champion bull was purchased by John Tallchief, Fairfax, Okla., for \$445. Buchele Brothers, Cedarvale, purchased champion female, for \$400. Wm. Heldenbrand was auctioneer.

A large crowd attended the WILLOW CREEK HEREFORD FARM SALE, held at the ranch near Canton on January 13. Cattle were presented in good breeding condition and many of the offering were of short ages. Lot 8, WCF Prince Larry 15th, by Larry Domino M 3d, was purchased for \$455 by Leroy Dauer, Fulton, for the top price. His sire, Lot 1, was the second top-selling bull, going for \$420 to Winter Bros., Durham. WFC Larryanna 6th was top-selling female, going to Mar-Gus Acres, Leon, for \$290. Col. Gene Watson was auctioneer.

An extremely large crowd attended the WALNUT VALLEY HEREFORD AUCTION of purebred Herefords, at Winfield, January 23. Mild weather and sunshine arrived just in time to make the day very successful. Waite Bros. have very recently completed a new all-modern sale barn at their ranch. The sale offering was fitted and put on display in one section of this new barn, the other half of this building makes ideal sale headquarters. Seventy-three Herefords sold for a total of \$29,115, to average \$400 per head. Top 4 bulls averaged \$1,025. Thirty-seven bulls averaged \$463; 36 females, \$333. Top bull was Lot 17, WVHR Domino Lad 38th, purchased by Carl McCune, Stafford, W. W. Tarrant, Rock, purchased the top female, for \$560. Col. Gene Watson sold the offering, assisted by men of the various livestock presses.

I have a letter from J. HAROLD CARSWELL, Alton, who has managed the Solomon Valley Hereford Sale at Osborne for several years. Harold says it is necessary to cancel the association sale of February 16. It was impossible to get enough cattle from the Solomon Valley area to hold a spring sale.

WASHINGTON COUNTY CATTLEMEN and their wives held their 8th annual banquet and meeting of their association Thursday evening, January 14, at the City Hall in Washington.

The delicious meal was prepared and served by the wives of the cattlemen.

Following the banquet the business meeting was held. George Pannbacker, president, pre-

## Dual-Purpose CATTLE

PILOT KNOB FARM'S

**Registered Milking  
Shorthorn Dispersal**  
**FEBRUARY 23, 1954**

1:00 P. M. at State Fairgrounds

**HUTCHINSON, KANSAS**

**45 HEAD**

3 Ex. and 5 VG Cows.  
Several outstanding 2-year-olds.  
Exceptionally good Bred and Open Heifers.  
Herd Sire Prospects with Excellent sire and dams.

Our show winnings and past records have been quite honorable.

For Catalog Write

**C. C. LEWIS, Owner**  
CULLISON, KANSAS

## Dairy CATTLE

NORTHEAST KANSAS

**Gurnsey Breeders Sale**

MONDAY

**February 22, 1954**

12:00 Noon

**Fairview, Kansas**

Junction of US 36 and 75 Highways

Reg. Guernseys, 20 Cows, 8 Bred Heifers, 8 Open Heifers, 2 Bulls  
10 Grade Bred Heifers.

For catalogs write

**MRS. KEITH VANHORN**  
SABETHA, KANSAS

## REGISTERED HOLSTEINS

Clyde Hill, Triune and Canadian bloodlines. Several serviceable-age bulls for sale, sire by our "Very Good" all Kansas aged bull 1953, from "Very Good" dams with over 500 lbs. fat, two time milking. Come see about our half-interest deal on baby bulls. Our herd DHA tested, officially classified and calfhood vaccinated.

HUGHES BROTHERS

WALDRON, KANSAS. 8 miles west and 10 miles south of Anthony, Kan., Harper Co.

## WISCONSIN DAIRY CATTLE

Choice Holstein, Guernsey and Brown Swiss Calves, Yearlings and Springing Heifers. Deeded to your farm C.O.D.

Dennis R. Grosse, York, Nebr., Bx. 48, Ph. 1



New officers are: president, Lawrence Ham; vice-president, Roy Eversole; secretary-treasurer, J. L. Henderson; directors, George Pannacker, Floyd Carlson, Henry Hilleman and Fred Congelton. Retiring directors are Earl Carter, W. R. Shaw, Elmer Fiser and Walter Jackson.

Rev. Joe Tempfer and his Rotary Band entertained with several novelty musical numbers. George Pannacker explained the "Cow-Club" organization and extended an invitation to the ladies to join the county group. The guest speaker, Don Spalding of the St. Joseph Market Foundation, spoke on "The Livestock Problems of Today." Jim Orton, editor of the Kansas Stockman, talked on taxes and assessments.

A registered Guernsey cow, Sunrise Rita's K. Rita, owned by PERRY H. LAMBERT & X. DICKERSON, Hiawatha, has completed official Advanced Registry record of 8,380 pounds of milk and 416 pounds of butterfat on one-daily milking for a 10-month period, starting her record as a junior 2-year-old, with the American Guernsey Cattle Club. "Rita" is the daughter of the registered Guernsey sire, Meadow Edge Double King, that has 9 daughters in the book's Performance Register.

**GOLDEN WILLOW RANCH SALE** of Polled Herefords was well attended in spite of a cold. The pavilion at the ranch 12 miles east of Osburg and a few miles south of Liberal, Mo., plenty of heat to keep the crowd comfortable. The offering, owned by George K. and Warren Brinkman, was well received; 73 cataloged averaged \$378; 22 bulls, \$600; 51 females, \$3. This offering was in good breeding condition but prices paid in some instances, especially females, appeared somewhat on the conservative side. Bulls, as a whole, sold satisfactory. First 5 bulls to sell averaged \$1,052. Top lot at \$2,075 was Lot 2, 2-year-old son of CHR chief Dom. 30th, was purchased by McLean Herd Hereford Farm, Whitton, Ia. Second high-bred bull, at \$1,135, was a half brother to the selling bull, Eldon Walters, Enid, Okla., bought him. Total of \$850 was paid by O'Bryan, Hiattville, for a May yearling son of R Adv. Domino 19th. A & B Hereford Ranch, Fallon, Mo., paid \$740 for a 2-year-old son of R Mischief Dom. 30th. Missouri and Kansas made many selections of both bulls and females. Lot 31 female, 1st junior yearling, 1953 Missouri State Fair, topped the female sale at \$900; a daughter of Woodrow Mischief 2nd bred to CMR Mischief Dom. 30th. Buyer of heifer was Carrothers Ranch, Jasper, Mo. 23 sold for \$525 to Lloyd Mathis, Parsons. Heifer was a real show heifer. Paul Dick & Mt. Hope, were buyers of Lot 40 at \$525. There is evidence of continued improvement in herd of Polled Herefords. Warren H. Brinkman is in charge of the herd. Jewett Fulkerson cataloged offering. Darwin Johnson sold extra lots and club calves. Press representatives assisted in the ring.

## Public Sales of Livestock

**Hampshire Hogs**  
January 27—R & S Ranch, Halstead, Kan. M. L. (Bus) Westernman, Farm Manager.

**Duroc Hogs**  
January 6—Vern V. Albrecht, Smith Center, Kan.  
January 30-31—National Duroc Congress Show and Sale, Topeka, Kan. United Duroc Record Assn., Managers, Peoria, Ill.

**Poland China Hogs**  
January 19—Bred Sow and Fall Pig Sale, Bauer Bros., Gladstone, Nebr. Sale at Fairbury.  
January 20—Hi Plains Poland China Auction, Colby, Kan. Paul Erickson, Manager, Hern-don, Kan.

**Sheep**  
February 13—Annual Purebred Dorset Sheep, Win-field, Kan. Leonard Steward, Secretary, Grenola, Kan.

## ARCHER & SHULTZ ANGUS SALE

Held at the Maryville Auction Co. on Highway 71

**Maryville, Missouri**  
**Saturday, February 20**

12:00 Noon  
**25 BULLS — 40 FEMALES**

Ten head of coming 2-year-old bulls. Fifteen early yearlings. The bulls are very uniform, heavy boned, good headed with lots of size and quality. Any one needing a bull this spring should look these over. They will improve your calves at prices you can afford to pay. We believe this to be the best group of bulls you will be able to purchase.

Thirty-five head of spring heifers. Five young cows. This is the most outstanding group of females we have ever offered. Of the most popular families consisting of 1 Gammer, 1 Blackcap Bessie, 8 Witch of Endors, 6 Miss Burgesses, 2 Georginas, 2 Maud of Bunnings, 2 Rose-mere Barbara, 1 Jilt, 1 Edwina, 1 Eline, 3 Juanas, 3 Elbas, 4 Ericas, 3 Blackbirds and 1 Blackcap.

A real set of bulls and females. All sired by our Sunbeam bred bulls; Bar Prince of Arch-land, Prince Eric of Archland, grandsons of Ever Prince of Sunbeam and Black Peer 28th of Archland by Black Peer 28th of Angus Valley.

For free catalog address:  
**LEO L. ARCHER, Sale Manager, Conception, Mo.**  
LEO L. ARCHER, Conception, Mo. — Owners — PAUL D. SHULTZ, Rosendale, Mo.  
Auctioneer: Roy Johnston Mark Dempsey with this publication

## Bauer Brothers POLAND CHINA BRED SOW AND FALL PIG SALE

100 HEAD SELL  
**1:00 P. M. FRIDAY, FEBRUARY 19TH,**  
**at the farm, GLADSTONE, NEBRASKA**

**SELECT OFFERING**—of high quality, well grown Bred Glts, Fall Boars and Open Fall Glts. Bred Glts bred for March and April farrow. FARMER'S KIND—these are fast grow-ers, reach market topping weights at early age—do it economically. BIG LITTERS—last spring our sows farrowed an average of almost 10 big, husky pigs per litter with most all raised. **PRIZE WINNERS**—these hogs carry State Fair champion breeding and have won well where ever shown. We bred and sold the top boar of the breed last year. **SPECIAL DIS-COUNTS**—to all 4-H and F. F. A. boys and girls making purchases in this sale.

For complete details write for catalog to  
**BAUER BROS., Gladstone, Nebraska**  
Farm located 9 miles west and 1½ north of Fairbury, Nebr.

**Aberdeen-Angus Cattle**  
February 6—Green Valley Farms Dispersion Summerville Farms Production Sale, Sedalia, Mo. J. B. McCorkle, Sale Manager, Smithville, Mo.  
February 9—Penney & James, Hamilton, Mo. J. B. McCorkle, Sales Manager, Smithville, Mo.  
February 10—Chisholm Trail Angus Breeders, Caldwell, Kan.  
February 20—Leo Archer, Conception, Mo., and Paul Shultz, Rosendale, Mo. Sale at Maryville, Mo. Leo Archer, Sales Manager.  
February 24—Denzil Rice & Son, Liberal, Mo. Sale at Butler, Mo.  
March 10—Gregg Farms herd, Roy G. Johnston, Owner, Belton, Mo.  
March 18—C. E. Reed, Wichita, Kan.  
March 19—Swartz Bros., Everest, Angus Acres, Bern, Sale at Marysville, Kan.  
March 20—Ed Polka, Riverton, Nebr., sale at Franklin, Nebr.  
March 29—Ericson-Thalman Davis, Hutchinson, Kan.  
April 9—Mid-Kansas Association Field Day. Howard Oplinger Farm, Jewell, Kan.  
April 20—Mid-Kansas Angus Sale, Hutchinson, Kan. Phil Sterling, Secretary, Canton, Kan.  
April 26—Northeast Kansas Angus Association, Hiawatha, Kan. Harry Dandiker, Secre-tary.  
May 1—Sun-Up Farm, David & Margaret Miller, Smithville, Mo.

**Hereford Cattle**  
February 6—Dickinson County Association, Abilene, Kan.  
February 9—Kansas Range Bull Sale, Dodge City, Kan.  
February 10—Salina Hereford Sale, Salina, Kan.  
February 22—Kansas Hereford Association, Hutchinson, Kan. Tom Sullivan, Secretary-Manager.  
February 22-23—Round-up Sale, Kansas City, Mo. American Hereford Association, Man-agers, 300 West 11th St., Kansas City, Mo.  
February 24—Sun Ranch Calf Sale, Salina, Kan.  
February 26—Sam Gibbs, Clay Center, Kan.  
March 1—Marshall County, Marysville, Kan.  
March 3—Great Plains Herefords, Hill City, Kan.  
March 17—Salina Hereford Sale, Salina, Kan.  
March 23—Charles Ragland, Hutchinson, Kan.  
April 3—Jay Caraway & Sons, Alton, Kan.  
April 13—Kansas Hereford Association, Em-poria, Kan. Tom Sullivan, Secretary-Man-ager.  
April 14—Salina Hereford Sale, Salina, Kan.  
April 19—Kansas Hereford Association, Iola, Kan. Tom Sullivan, Secretary-Manager.  
May 1—Kansas Hereford Association, Horton, Kan. Tom Sullivan, Secretary-Manager.  
October 14—R. E. Dillion & Son, Hutchinson, Kan.  
October 21—Jones & Watson, Holcomb, Kan.  
October 28—Flint Hills, Cottonwood Falls, Kan. Elmore Stout, Sale Manager.  
November 1—Sumner County Hereford Breed-ers, Wellington, Kan. A. R. Oglesby, Secre-tary.  
November 3—Lincoln County Hereford Associa-tion, Sylvan Grove, Edwin Goldgrave, Secre-tary.  
November 5—Cowley County Hereford Associa-tion, Winfield, Kan. Chas. Cloud, Secretary.

**Polled Hereford Cattle**  
March 22—Kansas Polled Hereford Association Range Bull Sale, Norton, Kan. Vic Roth, Hays, Kan.  
April 5—Real Plato Domino Sale, Hays, Kan. Vic Roth, Sale Manager, Hays, Kan.  
April 10—Mid-West Polled Hereford Association Annual Sale, Deshler, Nebr. Fred C. Duey, Sale Manager, Chester, Nebr.  
April 10—Central Kansas Association Sale, Her-ington, Kan. O. J. Shields, Sale Manager, Lost Springs, Kan.  
April 24—Kansas Polled Hereford Bull Sale, Nor-ton, Kan.  
November 22—Kansas Polled Hereford Associa-tion Sale, Topeka, Kan. Vic Roth, Sale Manager, Hays, Kan.

**Shorthorn Cattle**  
March 3—Southeast Kansas Shorthorn Breeders Association, Girard, Kan. Jim Sturdevant, Sale Manager, Girard, Kan.  
April 6—Kansas-Nebraska Sale, Superior, Nebr.  
April 13—Mid-Kansas Shorthorn Sale, Salina, Kan.

**Beef Cattle — All Breeds**  
February 9—Western Missouri Cattle Breed-ers Association, Clinton, Mo.

**Guernsey Cattle**  
February 22—Northeast Kansas Guernsey Breed-ers, Fairview, Kan. Mrs. Keith VanHorn, Secretary, Sabetha, Kan.

# EIGHTH ANNUAL MARSHALL COUNTY HEREFORD SALE

## Monday, March 1, 1954

## MARYSVILLE, KANSAS

At A. L. Breeding's modern, heated sales pavilion, one-half mile west of Marysville on U. S. Highways 36 and 77.

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



**69 HEAD**  
**37 Bulls — 32 Females**

There will be some real herd bull prospects and foundation females in this offering. Most of the bulls are of serviceable age. The females include open and bred heifers. The best bloodlines of both horned and polled breeding will be represented in this offering.

## CONSIGNORS

Don Breeding, Marysville	Elmer Peterson & Son, Marysville
Gerhardt Dettke & Son, Marysville	Edw. J. Sedlacek, Marysville
Waldemar Hanke, Waterville	Jos. F. Sedlacek, Frankfort
Hawke Hereford Farm, Irving	Henry Sedlacek & Son, Marysville
O. W. Jones & Son, Frankfort	Harold Stump, Blue Rapids
Fred Osterkamp, Waterville	Terry Turner, Waterville

For Catalog Write

**ELMER E. PETERSON, Secretary, Marysville, Kan.**  
Freddie Chandler, Auctioneer

**MARSHALL COUNTY HEREFORD ASSOCIATION**

# YOU CAN CHOOSE FROM 350 BULLS

at the

**Round Up Hereford Sale**  
**Kansas City, Mo.—Feb. 22 & 23**

American Royal Building — Monday and Tuesday

## 50 FEMALES

- Wide Selection
- Bargain Prices
- Many Bloodlines
- Herd, Range, Farm Bulls

Write for Your Catalog

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300 West 11th St.

Kansas City 5, Mo.

## Registered Hereford Sale

### Hutchinson, Kansas

CENTRAL SALES PAVILION

**Monday, Feb. 22, 1:00 P. M.**

**60 Head, Bulls, Cows, Bred Heifers, Open Heifers**

Bulls in ages from calves to serviceable age. The cows and bred heifers carry the service of some of the best bred bulls in the country. The offer-ing will include the entire herd of straight Hazlett bred cows of Mrs. Stirl Smith. There will also be consignments from some of the best herds in the state.

For information, catalogs, etc., contact

**KANSAS HEREFORD ASSOCIATION**

TOM SULLIVANT, Secy.-Treas., 137 East 11th St., Hutchinson, Kan.



**SAVE TIME!  
SAVE WORK!  
SAVE MONEY!**  
with the...

**VanDale  
SILO UNLOADER**



**MECHANICALLY DELIVERS**

- Corn or Grass Silage
- Packed or Frozen
- In Perfect Feeding Condition

Now you can unload your silage with just the flip of a switch. No more time-taking, back-breaking pitching and lifting. The VanDale Silo Unloader cuts and chops the hardest packed or frozen silage and delivers it to your silo chute in a steady stream without lumps, chunks or pads. Operates in out-of-round silos... keeps walls clean. Reduces spoilage... increases feed value.

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**NOW TWICE  
the HAY  
HALF  
the COST**



**CARLSON POWER MOWER DRIVE**

Double cutting capacity of any ground-driven mower. Cut fuel costs in half. CARLSON Power Mower Drive converts your mower to power machinery. Eliminates gears, pinions... transmits power direct from PTO. Sickle bar lifts from tractor seat. Thousands in use. Safe—Inexpensive—Dependable.

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**GOOD SEEDING PAYS**



**IT PACKS IT SEEDS**

**NEW COMBINATION**

Famous Western Sprucker Packer and New Western Precision built Seeder. Reasonably priced. Combines two operations in one. Pays for itself in saving seed, especially Alfalfa, Clover or any Grass Seed, sown mixed or separately. Even, accurate seeding of all seeds.

Seed drops ahead of Packer and is pressed firmly into soil by both Packer and Mulcher wheels. Leaves surface mulch without grooves. Helps prevent washing and crusting. Holds the moisture. Gives every seed best chance to grow. Seeder mounted or removed quickly. Write for full information on combined unit of Seeder or Packer separate.

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**KILL RATS WITH**

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**The SOIL MOVER!**  
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Now, do all your soil-moving jobs so easily, swiftly, cheaply! Improved Soil Mover is rugged, wheeled, hydraulically operated. Front pick-up, rear dump. Leveling, harrow, spreads dirt as desired. Ideal for leveling fields, filling gullies, building terraces—dams, maintaining ditches, etc. "Soil Mover" paid for itself the first week! Moves more dirt cheaper than any other... writes R. M. T. models—1 to 2 1/2 cu. yds.—size for all tractors. Most popular scraper built!

**FREE** folder, full details, money-saving prices, name of nearest dealer. Rush card today!

**THE SOIL MOVER CO., Dept. K2, Columbus, Nebr.**  
World's Largest Mfr. of Soil Moving Equipment

## Kansas Farm Youth Wins U. S. Prize Of \$2,500 in Corn-Growing Contest



**LOREN E. WHIPPS**, left, Kansas State College education department, congratulates **Jimmy Torrey**, Marshall county, center, on winning U. S. grand championship prize of \$2,500 college scholarship in United-Hagie Hybrids, Inc. 1953 Corn-Growing Contest. Others shown above are Jimmy's parents, Mr. and Mrs. Nelson Torrey and a brother, Gerald.

A KANSAS farm youth has won a \$2,500 college scholarship as grand championship prize in the National Youth Corn Growing Contest, sponsored by United-Hagie Hybrids, Inc., of Des Moines, Ia. Jimmy Torrey, Atter, won over contestants of 7 Midwest states.

His score was based on his yield of

331.5 per cent above his local county 5-year average corn yield. One point was earned for each percentage point above his county average. His written story of his project counted, too. Actual yield per acre on his field of 10 acres of BBF 50 hybrid was 126 bushels. All known soil-conserving practices applicable were carried out.

## Here's How New Farm Program Would Work for Crops, Livestock

By **CLIF STRATTON**, Kansas Farmer's National Affairs Editor

THE PROPOSED new farm program, as sent to Congress by President Eisenhower, would continue largely the present farm programs, including price supports, with this radical difference: Instead of rigid 90 per cent mandatory price supports for basic commodities, and discretionary 90 per cent supports for some dairy and other non-basic crops, the program would allow the flexible (75 to 90 per cent) supports, provided in the Hope-Aiken Act of 1949, go into effect in 1955.

This with the idea that 90 per cent price supports were put into effect as a war measure, to obtain excessive production. Now that need for excess production of these commodities is past, the time has come to make a transition—but gradually so as not to disrupt the farm and entire national economy—to more nearly normal times.

It is pointed out that continuation of high price supports results only in unmanageable surpluses. Proof: By the end of this crop year, the CCC will own or have under loan (with certainty of that under loan becoming owned) close to 8 billion dollars worth of wheat, cotton, dairy and some other commodities.

Continuance of high, rigid price supports for these selected commodities can mean only the production of still more surpluses to pile up in hands of the CCC. Producers of these commodities will produce for sale to the Government, for storage instead of consumption. And the guarantee of 90 per cent of parity on these commodities will tempt growers of other products to switch to these commodities, as offering "security" in a sure customer—Uncle Sam—at the assured price.

In the case of wheat and cotton, that assured price will be 90 per cent of parity based on 1909-14, which is about one-fifth higher than it would be if wheat and cotton parity were figured on the "modern parity" formula; that

is, the relation of prices paid and prices received over the latest 10-year period instead of the 1909-14 base period. All other farm commodity parity figures, it further is pointed out, are arrived at by the "modern" formula.

So it is proposed that in addition to moving to sliding, or flexible, support prices—high as 90 per cent when total supply is low, down as low as 75 when supplies are large—that wheat and cotton also take the modern formula. But only gradually, reduction in support price to be not more than 5 per cent in one year.

Appearing before the Senate Agriculture Committee, Secretary Benson pointed out that CCC owns or has loans on nearly 8 million bales of cotton—more than a year's total supply. And, posing "an even more difficult problem" . . . our July 1 wheat carryover is estimated at 800 million bushels and the prospect is that the CCC will own virtually all of it. Last count showed CCC owned outright more than 436 million bushels, with loans outstanding on another 431 bushels. The butter fiasco is fast approaching the potato fiasco of a few years ago, which resulted in Congress practically prohibiting support price loans on potatoes.

### Ask Some Questions

"All of this," Secretary Benson says, "emphasizes the fact that we have reached a stage in our farm price support operations where we need to ask ourselves a few pointed questions:

"1. How far are we prepared to go in making additional billions available primarily for the support of a few selected farm commodities?

"2. What assurance is there that if CCC borrowing authority is increased to 8.5 billion dollars this year, further increases will not be required next year and the year after?

"3. How shall we reconcile demands

for a balanced budget, lower taxes, over-all government spending and tight rein on the national debt limitation with heavy farm price support expenditures which show every indication of growing progressively greater.

"4. At what point will the 140 million Americans who do not live on farms rise up—as they did in the potato fiasco of a few years ago—demand not revision but outright elimination of all direct aid to agriculture?

"I do not have the answers to the questions. But I firmly believe they must be answered by anyone who proposes, without substantial change, continuation of the present U. S. farm program.

"Our mounting surpluses and need for additional operating funds both argue that the rigid price support system is not functioning properly. The fact that we have been unable to maintain prices of the 6 basic commodities except rice, at 90 per cent of parity even with government loans at that level—is also eloquent testimony at this point. . . . Certainly present farm prices for the basic commodities are evidence of the fact that high support prices mean high prices in the marketplace."

**CHANGE A  
SICKLE SECTION  
IN LESS THAN  
1 MIN.!**



—with a **JOHNSON  
SICKLE TOOL**  
FOR USE ON ALL MOWER  
AND COMBINE SICKLES

This amazing tool removes sickle sections and re-rivets in less than 20 minutes. Three easy field operations and the sickle is back at work. Ends time-consuming rivet sheering and bending of sickles when removing old sections. Gives a better-than-factory re-riveting job. Practical, saves time, increasing profits. Everlasting.

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**JOHNSON** FARM MACHINERY CO.  
DAVIS, CALIF.

**CHUTE  
GATE**



Enables you to quickly restrain and safely hold animals for inspection, treatment, dehorning, vaccination, ear marking, etc. Makes cattle handling easier, safer, faster. Every stock farm needs and should have this low-cost stock-holding gate.

Accept This  
"FREE TRIAL" OFFER  
Try this Gate at our risk!  
Write for Illustrated Literature and "30-Day Trial Plan"  
**Farnam Co., Dept. CGS** Omaha, Neb.

**SEARLE**  
Farm Duty  
**LUBRICANTS**

**ATTENTION!**



**ALL  
FORDSON  
MAJOR  
OWNERS**

Now you too can use  
an all 'round

**AMERICAN 4-way**

See Advertisement on Page 8



## Cattle Sale Set New Record At Western Stock Show

MANY KANSAS stockmen participated in the National Western Stock Show in Denver, January 16 to 23. Timers say it was one of the best with number of entries down slightly from last year. Big surprise sale results. Livestock offered during the week brought more than 8 million dollars to set a new record. The Hereford show was judged by A. D. Dean, dean of the school of agriculture, Kansas State College.

Kansas State College also won the livestock judging contest. Members of the winning team were Larry Key, Sterling; John R. Brethour, Center; Eldon B. Johnson, Asa; Leonard E. Slyter, Paola; and J. Tuma, Narka.

Several Kansas breeders made a showing. Among the winners were Rex Farms, Rexford; BK Hereford, Burr Oak; CK Ranch, Brookville; Woody Hereford Ranch, Barnard; J. Mudd & Son, Gorham, was the Kansas breeder represented in the Hereford feeder cattle show. CK Ranch, Brookville, had the reserve champion carload of Hereford

### Make Good Showing

the Angus show, Simon Angus, Madison, had reserve champion for female. Other Kansas breeders made a good showing at Denver WRS Angus Farm, Hutchinson; Tatge & Sons, Ramona; Black Ranch, Olathe; Chester Bare & Protection, and James B. Holter, Chapman.

Kansans had entries in the Short-horn breeding class show, but Kansas College had the reserve champion fat Shorthorn steer and Kuhrt Edson, had the best group of Shorthorn steers.

the sheep show Valley View Ranch, had champion Southdown ram placed well in several classes. David William Good, Barnard, had place light steer in the junior fat Shorthorn show.

Kansas breeders made the following sales and purchases in the cattle, sheep and hog sales following the various

Herefords: CK Ranch, Brookville, made the following sales—CK Cameo 150 to Ellis Merrill, Emporia, Mo., for \$1,950; CK Saucy Lass Greenhill Farm, Tulsa, for \$650; CK Car-2 to HG Hereford Farm, Colby, for \$1,000; Clara Belle 39 to C. W. Cannon, Boulder, for \$1,475; CK Saucy Lass 18 to Greenhill Farm, Okla., for \$2,850; CK Crusty J 1 Schoen & Sons, Leonora, joint owner, to Reed, for \$3,500; CK Crusty 160 to Mathi-Alexandria, S. D., for \$1,700; CK Cascade J. C. Tucker, Canada, for \$2,000; CK Cascade 42 to C. W. Cannon, Boulder, for \$1,000; CK Crusty 18, to Forrestel Hereford, Medina, N. Y., for \$2,900; CK Cascade to Tyler & Sons, for \$1,000; CK Crusty 157 Hammervold Brothers, Carlyle, Mont., for \$450.

Other Kansas sales included WH Duchess 4 by Hill Hereford Ranch, Great Bend, to Tarrant, Rock, Kan., for \$600; WH Duchess by Walnut Hill to R. A. Hoover, Poncha, Colo., for \$490; W. Miss Double Mixer, L. Welsh, Abilene, to Bill Purse, Denver, for \$400; Prince Larry C 3 by Woody Hereford Ranch, Barnard, to J. M. Hoss, Lyons, for \$400; FF Flashy Domino 10 by Foster Farms, to F. Dorset, Fairview, S. D., for \$700; Fidelus Tone 17 by Wayne Blum, to Grimwood, Blanca, Colo., for \$300; Real Prince 236 by Harold Norvell, Barnard, to Thomas Turner & Sons, Raton, N. M., for \$400; W. Crusty Cascade by T. L. Welsh, to Juan Saura, Mexico, for \$650.

Kansans also bought the following Hereford stock from out of state: CH Princess 14 by Hereford Ranch, Barnard, from Darrington, Amherst, Colo., for \$1,075; PHR Crusty 20 by W. W. Tarrant, Rock, from Arnold Ranches, Houston, Tex., for \$420; Kato Heir 30 by Stelbar Ranch, Wichita, Alex Horn & Sons, Pollett, Tex., for \$5,700; Royal Regent 55 by Stelbar Ranch from E. F. Romeo, Mich., for \$2,650; GH Prince 35 by Brown, Ft. Scott, from Greenhill Farm, for \$660; FLC Royal Mixer 26 by Berli

Berry Herefords, Stanley, from Field Land & Cattle Co., Gunnison, Colo., for \$3,025.

Aberdeen-Angus: Kansas breeders made the following sales—BPR Blackcap Verna 2 by Blackpost Ranch, Olathe, to Virg's Angus Farm, Brookings, S. D., for \$600; Miss Burgess of Wheatland 29 by Wheatland Farms, Chapman, to Virg's Angus Farm, for \$465; Edwina of Wheatland 26 by Wheatland Farm to Lester Ljungdahl, Manhattan, for \$1,200; Blackbird Blossom of Wheatland 2 by Wheatland Farm to W. J. Harrer & Sons, Helena, Mont., for \$900; BPR Black Pride 680 by Blackpost Ranch, Olathe, to Bryan Corbett & Sons, Choteau, Mont., for \$1,550; BPR Bandolier 1851 by Blackpost Ranch to George Doll, Ft. Morgan, Colo., for \$1,350; Elleenmere E T 112 by E. J. Tatge & Son, Ramona, to W. D. Fortner, Biddle, Mont., for \$1,550; Elleenmere E T 113 by E. J. Tatge to Burtell Ranch, Cascade, Mont., for \$610; Grenadier of Wheatland 28 by Wheatland Farm, Chapman, to Homer Hoffman, Gilmore, Nebr., for \$750; pen of 5 bulls, Wheatland Farm, Chapman, to Arnold Christensen, Marysville, Calif., for \$460 a head; pen of 3 bulls, R. S. Stone, Olathe, to Peltzer Bros., Bartlett, Nebr., for \$215 a head.

The following Angus breeding stock was purchased by Kansas breeders—Eric Energy O Blue Loch 5 by Brigma & Sons, Goodland, from Kent Craford & Sons, Iowa, for \$550; Imperial Errant Model 42, by Anton Horinek & Sons, Atwood, from Max H. Hoffmeister, Imperial, Nebr., for \$775; Bandolier 259 of Wilton by L. W. Bailey, Manter, from Wilton Farms, Davenport, Ia., for \$1,000; Bandolier 273 of Wilton, by Bailey, Manter, from Wilton Farms for \$560.

Kansas Shorthorn breeders sold one and purchased 2 animals. R. R. Walker & Son, Osborne, sold Royal Leader 4 to H. E. Sabin, Noda, Wyo., for \$450. Arlie Christensen, Brewster, paid \$440 for Green Valley Common from Edward R. Hoyt, Denver, and Claren Ralston, Mullinville, paid \$1,000 for Edelyn Grand Knight from Thos. E. Wilson, Wilson, Ill.

Harold Tonn, Haven, sold a bred Southdown ewe to R. B. Broad, Ft. Collins, Colo., for \$100, and a second to H. G. Chipman, Burlington, Colo., for \$75.

In the carload fat hog sale Vernon Worcester, Mill City, had 1st heavy hogs with an average weight of 256. They sold for \$27.70 a hundredweight. Ernest L. Anderson, Norcat, had 3rd place heavy hogs and 4th place medium hogs.

### 4-H CLUB NEWS

Meriden 4-H Club, in Jefferson county, has some active junior leaders. Daryl Becker, reporter, writes us that he and Tom Frisbie held a judging school for younger members recently, with classes in beef, swine and sheep. Robert Welton and Elmer Becker assisted. The 2 boys have been on the county livestock team for 4 years. Eight junior leaders met recently at the home of Karen Crawford, to make yearbooks for the coming year's programs. Also, Hazel Hodges and Edith Orr are assigning classes to older club girls who are working for credit in junior leadership.

Humboldt Stitch and Mix 4-H clothing girls gave a tea recently at the Humboldt community center. Thirty-three persons attended. Bonnie Schmedemann, Frances Steinfert, and Sharon Hartung showed aprons they had made. They also displayed tea towels, hand towels, needlebooks, and sewing boxes. Shirley Harris showed her wool coat, suit, jackets, dresses, and skirts. Kathleen Hartung demonstrated "How to Measure," writes Sharon Hartung.

Riverview 4-H Club in Riley county entertained Fort Riley soldiers at 1953 4-H Sunday activities, writes Diane Kientz, reporter. Boys all had been 4-H members and one was a leader once. "They were right at home in the Hunter's Island schoolhouse where the meeting was held as most of them had attended such a schoolhouse back home. . . . When guests were introduced we found we had boys from Maine to California." Riverview 4-Hers gave a pageant, "My 4-H Club." Shirley Bessey, KSC Extension recreation specialist, led in singing and gave a reading, "Song of Peace."

County Pals 4-H Club in Thomas county celebrated their Achievement Party for 1953 with receipt of their 8th consecutive purple seal, 3 Who's Who Key Award winners, and a trophy from the State Board of Agriculture for having champion booth at 1953 State Fair. Project awards went to several members, and leaders' recognition to Mr. and Mrs. Clem Bremenkamp, writes Kenneth Rohm, reporter.

Decatur County 4-Hers northwest of Norcat have started a fund for a polio victim. He is recovering from his attack, but is unable to walk yet.

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## They've discovered the secret of "perpetual motion" for tractors!

At the left, Fred H. Coburn of McAllen, Tex., takes a look at the broccoli crop along with Phillip Boeye, his Conoco agent. Above, Fred and his partner, Wayne Greier, see how the oranges are coming along. Variety is the secret of the farm's success!

Down in the Rio Grande Valley of Texas, Fred H. Coburn and his partner, Wayne Greier, run a 500-acre farm of irrigated valley land. Because of the warm climate, their rich soil grows crops the year round; there's no winter lay-off to overhaul equipment. The partners solve that problem by using Conoco lubricants exclusively—keeping their equipment on the go 12 months of the year without costly delay!

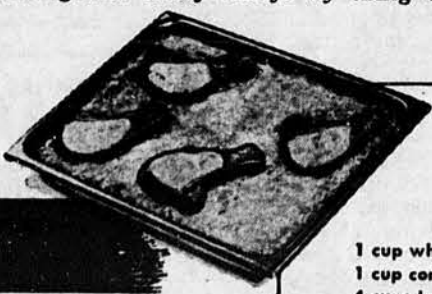
The partners raise a great variety of crops including sweet corn, beets, broccoli, string beans, carrots, tomatoes, broom corn, citrus fruit and cotton. Since the disastrous freeze several years back their citrus activity has declined in im-

portance and cotton is the main cash crop. However, they've replanted a large acreage in Ruby Red grapefruit and they're betting that citrus fruit will again be an important source of income!

The partners' equipment consists of four tractors, three trucks, a pick-up and two cars. Says Mr. Coburn: "Here in the Valley we're on the go for 12 months of the year. We insure ourselves against costly delays by using Conoco

products and changing both oil and filter regularly. Our long years of trouble-free experience make us enthusiastic boosters of Conoco oil and greases."

The Texas partners sure have a point there. If you want to keep your equipment going under tough conditions with a minimum of repair bills, use Conoco products! Why not give your Conoco man a ring—today, while you think of it?



Use Conoco Super Motor Oil and forget winter wear! For Conoco Super, with patented Oil-Plating®, fastens a tough film of lubricant to moving engine parts such as cylinders and bearings. Thus they stay "Oil-Plated," even when engine is not running. You're sure of easier starting—engine wear is reduced!

### Pork Chops with Corn Dressing

by Mrs. Marian Conn, RFD 3, Kalispell, Montana

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1 cup whole-grain corn, drained | 1 tablespoon chopped onion      |
| 1 cup corn juice                | ¼ teaspoon sage                 |
| 4 cups bread crumbs             | ¼ cup chopped celery            |
| 1 cup all-bran                  | 1 teaspoon salt, dash of pepper |
|                                 | 2 tablespoons butter            |

Mix ingredients thoroughly, adding milk to make of dressing consistency. Place in buttered baking dish. Over the dressing arrange 4 pork chops and sprinkle with salt. Cover and bake in moderate oven 45 minutes. Remove cover; bake 15 minutes more.

**SHEARS FOR RECIPES!** Send your favorite recipes to Mrs. Annie Lee Wheeler, Dept. E, Conoco Cafeteria, Ponca City, Oklahoma. An \$8.95 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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"½" or ⅝" rod 2' or 2½' long, shaped and secured by a piece of chain as shown, makes wire gate fastening easy—especially for a one-armed person," says Joe Kombol, Roundup, Montana. "End of rod that hooks over wire should be flattened before shaping the catch."



Send your original ideas to *The Tank Truck*, Dept. E, Continental Oil Company, Ponca City, Oklahoma, and get a genuine \$10.25, D-15, Henry Disston Hand Saw for every idea that's printed! All ideas become the property of Continental Oil Company.



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