

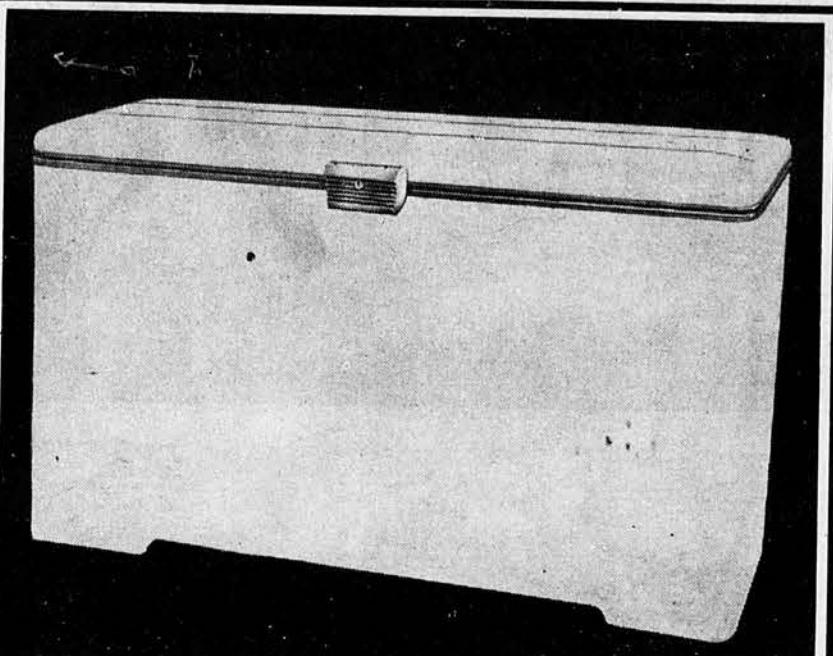
Kansas Farmer

MS KANSAS 33 89:17 Cap. 2

KANSAS STATE FAIR
Hutchinson
Sept. 14 to 19

KANSAS FREE FAIR
Topeka
Sept. 6 to 12

- What You'll See at the Fairs Pages 4 and 8
- Farm Women Seek Help Page 10
- Make Mealtime Happy Page 26



BUY NOW DIRECT FROM FACTORY!

Modern, Compact, Low Operating Cost, Home Freezer Cabinet, 115-Volt Machine. Lingle, long established as Manufacturer of Commercial Refrigeration Units.

Write for catalogue and Prices

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Lingle

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LINGLE REFRIGERATOR CO., INC.

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Does the Work of 3 Men!

Portable All-Steel **MULKEY** FARM ELEVATOR

Fewer farm hands... higher costs... scarce materials make it even more important for farmers to get the finest, longest-wearing, labor-saving farm elevators now! Many thousands of Farmers rely on Mulkey to give them these advantages.

- Portable ● Double Trough
- Balanced ● Custom Built

HEAVY DUTY FEATURES

14 gauge steel trough • 18" across trough • 5' straight sides • No. 55 double chains • 4' and 8' sections for desired lengths • 8' spring lift drag hopper for corn, small grains, or chopped hay hopper, or gravity hopper, optional. Standard equipment includes exclusive Mulkey roller chain speed reduction, motor mount with belt release, "built-in" power take-off, shelled corn screen, safety slip clutch.

**12 MONTH
All-Purpose Use**

Handles
BALED HAY

Handles
EAR CORN

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

See Your Nearest Dealer or
Write for Free Literature and Prices

SAM MULKEY COMPANY

1621-NI LOCUST

KANSAS CITY 8, MO.

Farming "Firsts"

First Library Worker to appreciate needs of rural communities too small to support public libraries, and that would otherwise be deprived of library privileges, was Melvil Dewey, former state librarian of New York, in 1892, who originated first traveling libraries.

First Successful Application of science and business to farming was by Albrecht Thaer, a German, in late 1700's. He opened the way for modern agriculture and agricultural education as his books and experimental results became widely used everywhere.

First Steps Leading to modern conditions of fertilizing were pointed out by de Saussure, Swiss naturalist, of existence in plants of mineral elements of soil, and "mineral theory" of Justus von Liebig, of Germany, in 1843.

First Effective Fertilizer inspection act in U. S. was in Massachusetts in 1872. Other states soon followed.

First Laboratory for analysis of seeds was established by a Doctor Nobbe, at Tharand, Germany, in 1869. Interest in seed testing and seed control dates from his work.

History of Co-operative agricultural banks or co-operative credit societies for farmers dates from about middle of 19th century, limited largely to continental Europe.

First Agricultural Co-operative loan bank (Darlenkasse) was established at Flammersfeld, Germany, in 1849, by F. W. Raiffeisen.

First Organized Effort by farmers against evils in agriculture was in 1858, at convention of the farmers at Centralia, Ill. Such questions as freight charges and monopoly were discussed. One resolution passed stated farmers should have more voice in fixing prices. Program of reform included creation of a federal agricultural bureau for accurate gathering of crop statistics, and formation of wholesale selling and purchasing agencies.

The Grange (officially the Order of Patrons of Husbandry) was organized in Washington, D. C., in December, 1867, by O. H. Kelley and 6 of his friends. Not until 1873 did a National Grange as a delegate body convene, in St. Louis.

Colored Farmers' National Alliance and Cooperative Union was organized in Texas in 1886 and national organization perfected in 1888.

National Farmers' Alliance and Industrial Union had its beginning in Texas about 1874 or 1875, and national organization was perfected in 1887.

First U. S. Convention for discussion of agricultural questions was held in Chicago in 1871, for "friends of agricultural education."

Largest Delegate Convention of farmers in U. S. was the Farmer's National Congress, in 1880.

Farmers Educational and Cooperative Union of America was organized in 1902.

First Cranberry Culture was in 1813, when Henry Hall, of East Dennis, Mass., sanded a primitive marshy bog as wild cranberries grew better that way.

First marked improvement in strawberries in the United States was in (Continued on Page 3)



"I'd like to have a home in Hollywood—with seven gables!"

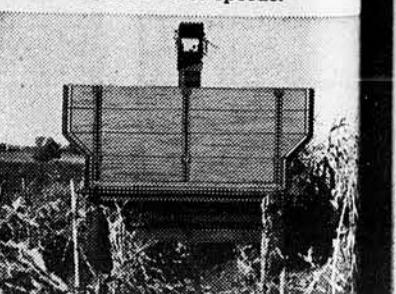
"This Wagon can chase its own tail!"



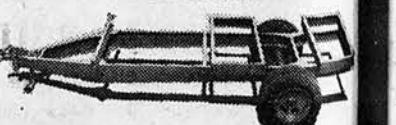
NO TIPPING—no skidding—no back up. "Tail-chasing" Farmhand "90" Wagon actually pivots on rear wheel—takes turns—turns completely around in radius of its own length! Exclusive automotive steering gives constant 4-point support through the most complicated maneuvering. Farmhand "90" Wagon easily, accurately follows row crop tracks. Adjustable reach makes it fit any gear.



PERFECT CARRIER for forage equipment (see "Power-Box" ad on facing page) Farmhand "90" Wagon eliminates breakdowns on rough ground easily, safely. Extra-wide bed (8" to 10" wider than ordinary wagons). Extra-sturdy—channel steel construction, easily carries the biggest forage boxes. Two models, 14,000 and 8,000 lb. load-tested at tractor speeds.



STRADDLES TWO CORN ROWS! Heavy-duty tread provides maximum stability. Heavy-duty Timken Tapered Bearings assure longer service at faster speeds. Quick-Hitch extensible tongue lets you hitch up easily without time-wasting maneuvering. All-steel construction of Farmhand "90" Wagon guarantees minimum upkeep, maximum wagon-life. See your Farmhand Dealer for a demonstration.



FARMHAND Single Axle Trailer. Travels smoothly. Has minimum weight on drawbar. 14,000 lb. load-tested at tractor speeds.

Farmhand
First in farm materials-handlin

**FREE FACT FOLDER
SEND NOW!**

Dept. 1107, The Farmhand Company, Hopkins, Minnesota

Name.....

Address.....

Town..... State.....
A division of Superior Separator Company

1834. Charles Hovey, Boston, Mass., originated the Hovey strawberry. Until then, most varieties grown here were European varieties.

First Establishment of the U. S. Soil Conservation Service was in an act of April 27, 1935.

First Federal Seed Act was August 9, 1939, and it regulated commerce in specified agricultural seeds and prohibited unfair practices.

George Washington and Thomas Jefferson were among first Americans to recognize the importance of replacing plant foods removed from the soil.

First United States Agricultural Society was formed in 1852, and was primarily a pressure group or lobby to direct official interest to the agricultural needs of the time.

First U. S. Establishment of a control group to eradicate animal diseases was in 1884 when the Bureau of Animal Industry was founded by a special act of Congress.

As Early as 1796 George Washington urged the inauguration of agricultural fairs.

First Agricultural Fair in U. S. was 3-day exhibition in Washington, D. C., October 17 to 19, 1804.

Father of Agricultural Fair was Elkanah Watson. He petitioned 26 farmers for a cattle show held in Pittsfield, Mass., in October, 1810.

First Permanent Agricultural fair association in U. S. was Berkshire Agriculture Society, organized in October, 1810.

First State Aid for agricultural fairs, and first substantial state aid for agricultural education, came thru an appropriation in 1819 by the New York legislature; \$20,000 for 2 years, to be divided among county agricultural societies.

First Society Organized in U. S. to promote agriculture was Philadelphia Society for Promoting Agriculture, established in 1785. Members included George Washington and Benjamin Franklin.

First Great National movement for improving agriculture by forming an organization was in 1841, with activities of Agricultural Society of United States, in Washington, D. C.

More 4-H Reporters

Enter Contest

Here is a 7th list of 4-H Club reporters who have written *Kansas Farmer* about the 1952 Kansas 4-H News Writing Contest and for one of our "Suggestion Sheets" of stories to prepare. *Kansas Farmer* is sponsor for the contest.

Reporters and home include: Wendell McHenry, Meriden; Billy Fuller, Wells; Marcus Malm, R. 9, Topeka; Donna Jo Wilson, Moline; Arlan Willich, Piedmont; Janie Henry, Howard; Shirley McIntyre, Howard; Shirley Woods, Longton; Phyllis Friend, Howard, and Jessie Stiles, Howard.

KANSAS FARMER

Continuing Mail & Breeze

ARTHUR CAPPER...Publisher (1893-1951)

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Topeka, Kansas

Vol. 89, No. 17

H. S. BLAKE...President and Publisher
Raymond H. Gilkeson...Editor
Dick Mann...Associate Editor
Gordon West...Associate Editor
Mike Burns...Associate Editor
Florence McKinney...Women's Editor
Dr. C. H. Lerrigo...Medical Department
Mike Wilson...Livestock Editor
J. M. Parks...Protective Service
Roy R. Moore...Advertising Manager
A. E. Carson...Circulation Manager

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Three years, \$1; one year, 50 cents. Copy 5c.

For Better Farming KNOW YOUR DEKALB DEALER!

There's a man in YOUR neighborhood whose business it is to know Corn and Chix. He's your DeKalb Dealer. His knowledge can help you select the right varieties of both DeKalb Seed Corn and Chix to fit your purse, purpose and farm. Get acquainted with him — visit his County DeKalb Research Plot where you'll see many new and old DeKalb varieties of Corn growing on soils like your own. This plot is right in your neighborhood. Stop in when you drive by. Get to know your DeKalb Dealer. It should prove a profitable acquaintance.



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

If You Own a Forage Harvester . . .



One Man
Operated
Fast-Clean
Versatile
Safe-Sure

See this machine at
KANSAS STATE FAIR—Hutchinson
KANSAS FREE FAIR—Topeka

You Need a Pieck Blower

The Pieck Vacuum Blower is an ideal unloading device for anyone who owns a field-chopper, for hay, wet or dry, straw and for corn silage. Its capacity is ample for any forage harvester on the market.

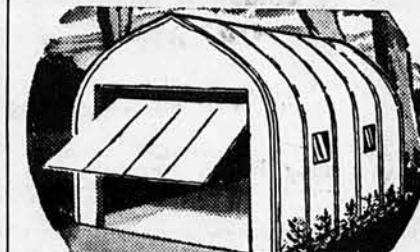
The blower can be used with ordinary farm wagons or trucks. It is a one-man operation. The Pieck Blower eliminates wagon conveyors and dump systems, shoveling, raking and choked feed tables.

It is all but impossible to plug the pipe of the Pieck Blower. There is no feed table to back to or lift out of the way—just drive under the tube and start to unload.

Available with belt pulley for 3-plow tractor or motor mounting.

Proven Machine
That Unloads
by Vacuum

KUCKELMAN IMPLEMENT CO. Seneca, Kansas



NOW! READY-BUILT PRESWOOD GARAGE

Precision-built with rugged Masonite Tempered Preswood on strong wood framing. It's 12 feet wide by 20 feet long. You can make it longer with extra four-foot sections. With a helper you can assemble it completely in one day.

All outside surfaces of 3/16" Tempered Preswood prime-painted. Curved design for greatest wind resistance. Rafters and studding one piece laminated. All sections accurately machined and precision fit for easy bolting and tight fit.

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

DEALERS WANTED

JUNCTION CITY MILL, Inc.
Box 402 Junction City, Kansas

171 MODERN FARM BUILDINGS

FROM THE
WEYERHAEUSER 4-SQUARE
FARM BUILDING SERVICE



16 modern farm homes

TO HELP SAVE CHORE HOURS
AND INCREASE INCOME



For buildings that save chores while increasing farm production, you will want to examine the most complete selection of farm buildings ever assembled! The Weyerhaeuser 4-Square Lumber Dealers listed below will gladly show you scores of ideal farm building designs, complete down to the last detail . . . homes, barns, poultry houses, machine sheds, hog shelters, crop storage buildings and many others. In fact, there are sizes and types of buildings and equipment for most farm needs.

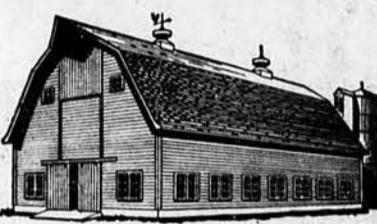
Each of the 171 structures was economically planned and engineered by practical agricultural men . . . to help short-handed farmers secure sound, functional buildings of long life, at reasonable cost.

Before you build, ask your dealer to show you all these buildings—including 16 modern farm homes—or write us for literature.

WEYERHAEUSER SALES CO.
2298 First National Bank Bldg., St. Paul 1, Minn.



Full line of crop storage buildings



A choice of many barn styles



Modern machinery sheds and shops



Clean, efficient milking structures



Many types of hog shelters



A variety of poultry equipment

See Your
WEYERHAEUSER
4-SQUARE
LUMBER DEALER

DEALERS IN KANSAS

Town	Dealer	Town	Dealer
Anthony	Rock Island Lumber Co.	Larned	Clutter-Lindas Lumber Co.
Arkansas City	O. E. Woods Lumber Co.	Lawrence	Shaw Lumber Co.
Arnold	Huxman & Dubbs Lumber Co.	Lenexa	Lenexa Lumber Co.
Ashland	Home Lumber & Supply Co.	Lindsborg	Carlson Lumber Co.
Atchison	Hixon Lumber Co., Inc.	Longford	Longford Grain Co.
Blue Rapids	Burgner-Bowman-Matthews Lumber Co.	Meade	Home Lumber & Supply Co.
Bonner Springs	Bonner Springs Lumber Co.	Ness City	Rock Island Lumber Company
Burlington	Burlington Lumber Co.	Norton	Foster Lumber Company
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Cottonwood Falls	Kansas Lumber Co.		Hodges Brothers
Eureka	Burgner-Bowman Lumber Co.	Onaga	Onaga Lumber & Grain Co.
Fort Scott	Matthews Lumber Co.	Osage City	Lentz Lumber & Supply Co.
Frankfort	Rock Island Lumber Company	Ottawa	Fred R. Nuzman Star Grain & Lumber Co.
Garden City	Gardner Lumber Co.	Pratt	Independent Lumber Co.
Gardner	Garnett Lumber Company	Pretty Prairie	George W. Ulrich Lumber Co.
Garnett	Rock Island Lumber Co.	Saint Mary's	Long's Lumber Yard
Great Bend	Rock Island Lumber Company	Seneca	Koeler Lumber Co.
Harper	Rock Island Lumber Company	Tonganoxie	Hunter Lumber Co.
Holton	Brown-Hedge Lumber Co.	Topeka	Whelan Lumber Company
Horton	Horton Lumber Company	Ulysses	Amsden Lumber Co.
Independence	Rock Island Lumber Company	Waverly	Star Grain and Lumber Company
Junction City	Rock Island Lumber Company	Wichita	Long Bell Lumber Co.
La Crosse	La Crosse Lumber Company		Ortmeyer Lumber Co.
Lakin	J. C. Hart & Company		Stockyards Cash & Carry Lumber
Lancaster	T. E. Snowden Lumber Co.	Zenda	George W. Ulrich Lumber Co.

Officials announce building improvements and see increase in attendance as they . . .

Plan for Big Kansas Free Fair

SINCE MANY FAIRS over Kansas and the Nation report banner attendance, Kansas Free Fair officials are preparing for an upswing of about 15 per cent in attendance this year, September 6 to 12, at Topeka. This will be the 72nd annual exposition in the Capital City.

Among improvements since the 1951 exposition: 6 stone buildings along the Free Fair midway have been enlarged by adding modern stone kitchens; parking space for an additional 400 cars has been provided; a new modern entrance to the office section in the grandstand has been constructed. Maurice Jencks, manager of the Free Fair, recently announced completion of a 20-year expansion program, which was started the 2nd year of his administration. Permanent buildings and other improvements—including sewage, drainage, permanent-type roads and fencing—have required an expenditure of about \$1,000,000. This amount has been paid out of the Fair's earnings. The Free Fair receives no appropriation from the state for its building program.

Livestock entries indicate a strong beef and dairy cattle show. This year the National Angus Show is scheduled for the Nebraska Fair, which precedes the Free Fair. Many of the finest Angus herds will come from Lincoln to Topeka, thus assuring one of the finest Angus shows ever held here.

While some of the national farm

machinery manufacturers are not exhibiting on the Fair circuit this year, local jobbers and dealers have taken up the slack, and farm machinery exhibits are expected to be equally as extensive as in years past.

Entries in all departments are expected to show an over-all increase of 20 per cent over 1951, which felt effects of the history-making floods.

Entertainment programs will be among the Fair's most extensive. They include: Barnes-Carruthers night show in front of the grandstand each evening; auto racing and thrill shows for afternoon entertainment, and on the midway the Royal American shows world's largest carnival attraction. About 1,900 high-school band members from more than 30 towns have made arrangements to be in Topeka.

Opening day, Saturday, September 6, is Children's Day. All entertainment attractions on the midway will reduce all prices for children until 6 p.m. Also, a double feature grandstand show will be offered for Children's Day—both automobile racing, and the one and only appearance of the "Rodeo Kids," 30 juvenile western performers who have appeared at many of the Nation's leading fairs.

Again, every effort is being made by Free Fair officials and others to make the 1952 event the biggest and best, and there will be something for all the family.

LIGHTNING

**Friend of
the Soil**



"OKI OKI I can take a hint! The rods will be up tomorrow!"

LIGHTNING can, and does, strike in the same place twice! Another old legend about Nature's most fearsome phenomenon that isn't true is that lightning causes milk to sour—it's extreme warm temperatures.

The Indians believed lightning and thunderstorms were "male" forces of Nature, that they fertilized the earth and made it more fruitful. Ancient Indian and South American relics show lightning as a "man-God," fertilizing the soil.

What the Indians didn't know was that lightning does fertilize the soil—the air is broken so nitrogen can join the soil.

For centuries it was believed a ring of bare soil in a field ("Fairy Rings") was caused by lightning. The true cause was the work of fungi. Another ancient belief that has been disproved is that "lightning prints" occurred on the skin of a human being or animal when struck by lightning. The "print" is merely a trace of a wound left by the passing of an electrical charge thru body tissues.

Just what is lightning, anyway? It is a bolt or spark, which bursts thru the air from one cloud to another or to the earth.

Keraunophobia is a term meaning morbid fear of lightning. Astraphobia is anxiety amounting to terror during a thunderstorm. These are 2 of the "phobias" arising from fear of lightning. However, there are many ways to protect oneself during an electrical storm.

Here are some valuable tips for protection: (1) Stay away from plumbing in a house as that's the route lightning often takes. (2) Keep away from iron fences, and a golf club held overhead is dangerous as it makes you a living

"lightning rod." (3) Safest place in a house is in the middle of the room, preferably on a bed away from the walls. (4) A car with an all-steel body is safe. (5) Do not stand under trees as lightning often runs down thru a tree to the earth.

Lightning destroys about 20 million dollars worth of farm property each year. Thousands of head of cattle are killed in fields, but today many are saved by lightning rods in trees. Every day in the world there are about 44,000 thunderstorms, and the number of separate lightning flashes is about 100 a second.

Ben Franklin was the earliest to do any extensive "at home" research on lightning, and then write it up for others to use in their studies. His "kite" experiments are world-famous, and many of his theories later were proved by experiments of French scientists.

Refinishing Furniture

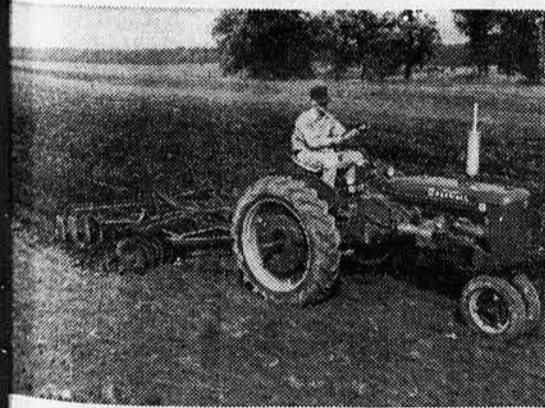
To answer many questions from our subscribers, a leaflet, "Refinishing Furniture," has been prepared. The instructions are easily followed and are reliable. If you have questions about this subject — how to remove old finish, fillers for holes and cracks, stain, varnish, shellac, care of brushes—you will find the answers in this 3-page leaflet. Write Farm Service Editor, Kansas Farmer, Topeka, Kan., for a copy. Price, 3c.

Your IH Dealer invites you to PROVE TO YOURSELF . . .

McCormick FARMALL Super C pull-power

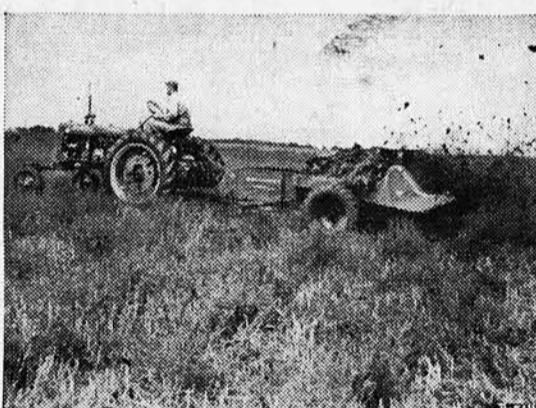


Try Farmall Super C pull-power in soft fields . . . with a McCormick No. 1-PR corn picker. Feel the pull-power that takes you steadily down the field. Ideal power-weight balance gives you power and traction to save fuel on every job!



Prove you can double-disk up to 28 acres a day with a Super C and McCormick 6 or 7-foot tandem disk harrow. Ask your IH dealer for a demonstration. Feel how the big-diameter tires grip the soil to pull the load—and you'll see why you get more pull-power from each engine horsepower with a Super C.

"See you at the polls!"

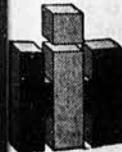


See how easily you can pull heavy loads anywhere. Haul a heavily loaded wagon out of a soft field. Heap a big manure spreader high and pull it on hills or hollows where the going is really tough. On the road or in the field, you'll like Super C pull-power, positive-acting double-disc brakes, and the comfortable ride.

Make a date NOW for your FREE FIELD TEST. Prove to yourself that the Super C is first in its class for pull-power, first in fuel economy, first in easy handling and best

suit to ALL your 2-plow, 2-row work. See your IH dealer now for a free demonstration. You can buy on the Income Purchase Plan and let the Super C pay for itself in use.

Prove you can save up to 25% on fuel. Ask your IH dealer to let you make the "gallon of gas" test. Try the Super C with hydraulic Touch-Control and any matched McCormick equipment. Notice how much more work you do for the fuel you use! Super C fuel economy keeps dollars in your pocket, every season you use it.



INTERNATIONAL HARVESTER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks . . . Crawler Tractors and Power Units . . . Refrigerators and Freezers—General Office, Chicago 1, Illinois.

You Make EXTRA PROFITS From CORNHUSKER HYBRIDS --All Season!



Your Extra Profits Start at
PLANTING TIME . . .

from the **strong, vigorous germination** of CORNHUSKER seed—giving you good stands of **HEALTHY, STURDY PLANTS!**

You're Building Toward Extra Profits
ALL SUMMER . . .

from the **vigor** of CORNHUSKER Hybrids—their **strong roots and stalks**—the resistance to **heat** and **drouth** that's **BRED** into them.

You "Cash In" on These Extra Profits at
PICKING TIME . . .

when your cribs fill fast with **HEAVY YIELDS** of **big, sound ears** that **P-I-C-K E-A-S-Y**, **shell out more than measure**, and **WEIGH HEAVY**. That's when you're really glad you planted CORNHUSKER Hybrids!

Bred and Produced by
CORNHUSKER HYBRID CO.
FREMONT, NEBRASKA

Your Best Buy Today Is U. S. Savings Bonds

BUY DIRECT FROM FACTORY AND SAVE

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

SPECIFICATIONS
Width of Cut—36 in. Bearings—Timken.
Power—3 H.P. Briggs & Stratton.
Frame—Fabricated Electric Welded Steel.
Differential—Auto Type Drives From Both Wheels.
Drive—Standard Auto V-Belts. Gears—Machine Cut.
Tires—400x8 Pneumatic. Self Propelled.

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

Manufacturers of Power Equipment
Foushee & Heckendorf
Cedar Point, Kansas

Recommend 1953 Turnpike Bill

A new idea in highways—toll highways—for Kansas now is receiving careful study by the roads and highways committee of the Legislative Council. A proposal that the 1953 state legislature enact legislation necessary to create a State Turnpike Commission has been presented to the committee.

A proposed turnpike bill, which would authorize a turnpike commission to study, finance and construct a Kansas turnpike, has been drafted and turned over to the committee. Although no site is mentioned in the proposed bill, it is assumed the logical points would be from Kansas City to Topeka to Wichita, feeders for Missouri and Oklahoma roadways.

After a toll road is paid for by charging fares to use it, the road will be turned over to the highway department for administration. A proposed Kansas turnpike would be financed by revenue bonds issued by the turnpike committee, and sold to bonding companies. Only cost to taxpayers of the state would be when they used the road. It would take about 2 years to pay the cost.

Among groups backing the proposed bill for 1953 action are Kansas State Chamber of Commerce and Kansas Truckers Association.

What do you think of the idea?

Set Dates For Wichita 4-H Show

Annual Kansas 4-H Club Fat Stock Show in Wichita will be held October 8 to 10. The Kansas Livestock Association, the Wichita Chamber of Commerce and the Kansas Extension Service are co-operating in this 20th annual show.

Official state judging contests and sheep-shearing contest will be held. Winning livestock team and champion shearer will win trips to International Livestock Show in Chicago. Trip to the American Royal at Kansas City goes to winner of champion meat judging team. Sale of livestock is scheduled for morning of October 10.

Approve Two New Grain Varieties

Two new grain varieties have been approved for distribution in Kansas. They are Dicktoo, a winter barley variety, and MO-O-205, oats variety. Seed will not be available for farmers until next year; there is only enough seed now for seed increases.

Dicktoo has a shorter straw than Reno barley, is slightly earlier and has a higher test weight. MO-O-205 has a high yield and test weight, is highly rust-resistant, is taller than most oats and has a grayish-colored grain.

Firms Give \$4,000 To Sponsor Camp

Commercial firms provided \$4,000 in scholarships for Kansas 4-H members to attend the recent state conservation camp at Rock Springs Ranch. Each county sent one member interested in soil conservation, one in wildlife management, one in conservation of plants, and one adult leader. Kansas State College staff members instructed classes in forestry, geology, wildlife, game management, entomology, outdoor cookery, use of fire-fighting equipment and recreation.

Fertilizer Information

The "Fertilizer Handbook," published by Thurston Chemical Company, includes general fertilizer suggestions for various areas, and answers questions you might have on the subject. It is free. Write for your copy to Farm Service Editor, Kansas Farmer, Topeka.

Name 1952 CROP**Drive Officers**

Named chairman of the 1952 CROP drive is J. D. Smerchek, secretary of the Kansas Farm Bureau.

Other new officers: Miss Georgianna Smurthwaite, Manhattan, vice chairman; Mrs. G. D. Reed, Topeka, secretary; Robert E. Romig, Topeka, treasurer. Goal of 1952 drive is 100 car-loads of commodities, or the money equivalent, for overseas shipment.

Farm commodities and cash contributed to CROP are distributed by church relief agencies in other countries. Donors can name the church agency to distribute their contribution. Cash gifts will be used to purchase wheat, dried milk, rice, beans, soybeans, corn, other commodities. A gift of 2 bushels of wheat, or their cash value, can provide flour for $\frac{1}{4}$ loaf of Italian bread every day for one year.

Wins Soil Award

Outstanding soil conservation district in Kansas for the July 1, 1951-June 30, 1952, period is Brown county. Sponsored by the Goodyear Tire and Rubber Company, Akron, O., the award carries a first-place and grand award in the annual conservation program. Eight persons will receive bronze plaques for their achievements at a state-wide luncheon in Wichita, October 7. The 8 will be eligible for an all-expense paid vacation trip to Wigwam Guest Ranch, Litchfield Park, Ariz.

Members of Brown county's district governing body are N. K. Babcock, chairman, Hiawatha; V. A. Pfister, C. W. Bebermeyer and Dean Kimmell, all of Hiawatha; and Alonzo Lambertson, Fairview.

Resigns State Ag Board Position

Announcement is made of resignation of Kimball Backus, head of marketing division of Kansas State Board of Agriculture. He will devote full attention to his Wyandotte county farm and other interests there.

Since February 1, 1948, when Mr. Backus took over his state position, he helped inaugurate official federal-state grades for fruit and vegetables. He helped establish a voluntary egg-grading program started in 1951 to assure farmers a fair price return for quality, and to make available to consumers eggs of known quality as certified by official grades.

Against Toll Roads

You ask, "What do you think about toll roads?"

I am absolutely against them. We are paying enough gas tax now to get all the road improvement we need if used for that purpose. If we get a toll road in Kansas I think another one of our Freedoms has been lost. — Glenn Grentz, Marion Co.

Sharpen Needles

When your sewing machine needle gets dull, run it thru some ordinary steel wool to sharpen it.—H. L. M.



"Mother, please don't have rice when Mr. Philbrick comes to dinner. I don't want him to think we're dropping any hints."

NOW! Mobiloil's New Super-Detergent Formula Assures—

LESS ENGINE WEAR



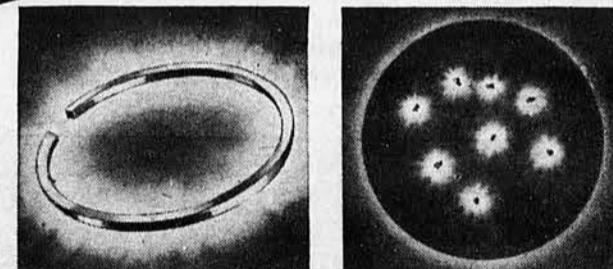
Amazing new combination of ingredients helps give longer engine life—drastically reduces engine wear during periods when most wear occurs: during starts, warm-ups and stop-go driving! Less engine wear means less oil used between oil changes, as your oil bayonet will show!

More than ever, New Mobiloil assures you triple action that gives minimum wear, top protection against corrosion and peak operating economy!

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PROVED IN SENSATIONAL NEW RADIO-ACTIVE TRACER TESTS!



USE of radio-active tracers from the Oak Ridge atomic pile—a startling new and reliable method—measures the wear-reducing qualities of New Mobiloil with new super-detergent formula.

Radio-active piston rings are installed in test engines. "Hot" metal particles, worn off the rings into the motor oil, are then measured by Geiger counters and electronic recording machines. The result—an almost unbelievable cut in costly engine wear!

NEW Mobiloil



MORE THAN 100 high school bands containing some 6,000 young musicians will provide music during Kansas State Fair.



A TOP-NOTCH RODEO will be presented in front of the grandstand Wednesday and Thursday afternoons and a Western Day, featuring Kansas Saddle Clubs, will be presented Friday afternoon at Kansas State Fair.



THIS NIGHT VIEW shows part of big midway at Kansas State Fair last year. You won't want to miss this big event September 14 to 19.

Get Ready to... Play and Learn at 1952 State Fair

By DICK MANN

WE ARE LOOKING forward to the largest beef cattle show in the history of Kansas State Fair," reports Virgil Miller, fair secretary. Two events in other states, says Mr. Miller, are expected to give the cattle show a big boost at Hutchinson, September 14 to 19. First, the national Aberdeen-Angus show will be held at Nebraska State Fair just ahead of the 2 Kansas fairs. Many of these cattle are expected to make both fairs in Kansas this year. Second, the Tulsa fair, always held previously on the same dates as Kansas State Fair, has been changed to another date.

"Always before," says Mr. Miller,

livestock exhibitors interested in both fairs had to make a choice. This year there will be no conflict and we may find a big increase in livestock exhibits as a result. We already are trying to figure how to house the expected increase."

Judging in both beef and dairy classes should run more smoothly this year, due to changes made in the judging pavilion of the old livestock building. "We tore out all the old bleachers and stalls and made one large room in which 3 classes of livestock can be judged at one time," Mr. Miller says. "Present plans call for 2 classes of dairy cattle [Continued on Page 20]



FOR FIRST TIME at Kansas State Fair there will be a top ice show, the Ice Vogues of 1952, which can be seen each night of the fair. This scene is Lollipops in Candyland, a delightful fantasy number in the show.

Kansas Farmer

News and Comment

Big Birthday Party

ONE OF THE BIGGEST birthday parties anywhere this year—12,000 guests in 5 hotels—will be the 40th annual National Safety Congress in Chicago October 20 to 24.

The Congress is the annual convention of members of the National Safety Council, and the Council is planning something special in celebration of 40 years of steady development in accident prevention.

It was in October 1912 a group of safety engineers for various steel companies met in Milwaukee in the first Safety Congress. They were few in number and were regarded with a touch of bewilderment by their colleagues in the steel plants, but they were determined to put a stop to accidents that were happening too often in the steel mills.

Out of their discussions in that 6-day meeting came the National Industrial Safety Council. The Council soon shed the word "industrial" and became the National Safety Council. Your editor is a member of the Farm Safety section.

When the 40th annual Congress convenes, more than 12,000 safety people from all over the world will attend. Some 600 speakers will appear at 200 sessions, covering every conceivable phase of safety. In addition, the Congress exposition will contain about 250 exhibits covering all types of safety aids.

The National Safety Council estimates 500,000 lives have been saved thru combined efforts of thousands of safety people since the organized effort to cut the accident toll began 40 years ago. This figure is based on the accidental death rate in 1913 and the rates for succeeding years. Are you practicing safety on your farm?

Dishing Out the Cash

SOMEONE SUGGESTED that Congress dishes out the taxpayers' money pretty fast. Well, how fast? The House Appropriations Committee gave about 10 weeks only to consideration of the fiscal 1953 budget. Had it given only a single hour's study to each million of the 85 billion dollars requested, the year 1953 would have found the committee still considering the 1953 proposals for spending.

Back to Waterloo

NATIONAL DAIRY CATTLE CONGRESS, to be held at Waterloo, Iowa, September 27 thru October 4, will in reality be a national dairy event. There will be entries from every state in the Union and Canada. Each year the 5 national dairy cattle breed organizations select a site for

their official national shows. This year they all chose Waterloo. Brown Swiss, Guernsey, Holstein and Jersey breeds are returning to the exposition with their national shows, and are being joined by Ayrshires and Milking Shorthorns. About 2,000 head of dairy animals are expected to compete for \$55,000 in premiums, plus numerous trophies and ribbons.

Cheese Festival

OCTOBER is 1952 Cheese Festival month. Dairymen will be interested because a tremendous advertising and publicity campaign will be launched to induce the general public to eat more cheese. There will be an endless array of menu ideas showing how to build whole meals around cheese. More than 200,000 displays featuring cheese will appear in retail stores. Advertising will be carried by newspapers, magazines, radio and television. Undoubtedly you will see some of this publicity. If it makes you want a piece of cheese with your apple pie, or a cheese sandwich, it probably will have the same effect on thousands of other folks. That will help the dairy business.

Change of Scene

INTERNATIONAL Live Stock Exposition at Chicago comes November 29 thru December 6, offering premiums totaling \$100,000. This will be a much different scene than the two recent political conventions which were held in the International Amphitheater. But it will be no less interesting or important. Prize lists of \$10,000 will be offered each of 3 beef breeds—Aberdeen-Angus, Hereford and Shorthorn purebred divisions—and a \$3,500 cash prize list for purebred Polled Shorthorns.

Other awards amounting to thousands of dollars are provided for individual steer classes and carlot fat cattle.

Another outstanding event in Chicago in November is the annual National 4-H Club Congress. Kansas will have her usual fine group there.

Costs go Higher

CHAMBER OF COMMERCE of the United States points out the unreliability of government estimates for government-built water-power projects. They are always too small. The Chamber found that of 31 project estimates submitted to Congress, actual completion costs trebled. The estimates were slightly more than 1½ billion, while actual costs came to more than 5¼ billion. Watch for yourself and see whether this holds true with dams built in Kansas.

How Cow Testing Pays

DAIRY HERD IMPROVEMENT ASSOCIATIONS now number 2,109 in the United States, with 1,166,290 cows on test. This is a slight decrease compared to a year ago, says the Bureau of Dairy Industry. California tops all states in cows on test, New York leads with tested herds. Two states and Hawaii each have well over 1,000 cows average per association.

DHIA work certainly has much to recommend it. Take Kansas as an example. Ralph E. Bonewitz, Extension dairyman at Kansas State College, recently made a study to find how many dairy cows a person would have to keep to produce a \$1,000 labor return.

Using the 200-pound average butterfat production of the 588,000 milk cows in Kansas,



A vacationer knows what a 3-season bed is because he ran into several—one with no spring!

A detour is the roughest distance between two points.

A man can be a convincing talker until he begins to argue with a traffic cop.

If a baby auk flies toward the mother auk, does he fly awkwardly?

If all the autos in the world were laid end to end, it would be Sunday afternoon.

Then there is the man who calls his new home a bungalow—because the job was a bungle and he still owes for it.

"Well, we certainly have had a lot of warm friends this summer."

"Little sister waited in the beauty shop for her mother's hair to dry until her patience was exhausted. Looking at her parent she asked, 'How much longer do you stay under the brooder?'"

"A collision happens when two things come together," said the teacher. "Now who can give me an example?" The answer she got was twins.

Bonewitz found it takes 20 of them to produce a \$1,000 annual labor return. In contrast, he discovered that 6½ cows in Dairy Herd Improvement Associations in the state produce the same \$1,000 labor return.

Average butterfat produce of DHIA cows is 355 pounds. At this rate, 5 DHIA cows will produce 1,775 pounds annually as compared with 1,800 pounds from 9 average cows. Feed costs were 40 cents a hundred less for milk, and 10 cents less for each pound of butterfat in DHIA herds than for all cows in the state.

Your Other Farms

THE FEDERAL GOVERNMENT now is owner of about one acre of land in every four in the United States. Its holdings total nearly a half billion acres. In the 11 western public lands states, the average is 54 per cent. In Nevada it is 87 per cent and in Oregon 73 per cent. Since you are a citizen of the United States you have a share in that land. And you have a share in everything else your government does or owns. Therefore it is important that you take an active interest in your Government.



"Well, he played hard to get. And I played hard to get. So we haven't seen each other since a year ago last August."

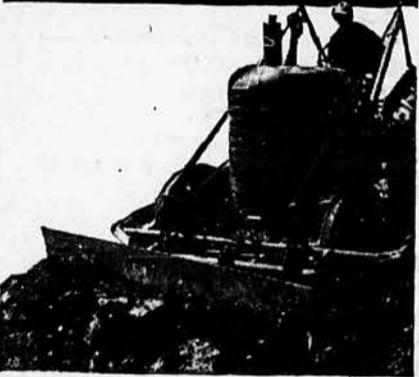


"And for heaven's sake don't act like he's the only fellow who ever comes here. On the other hand, don't act like there are others."

Quickly ends "endless" jobs



NEW IDEA-HORN LOADERS



Every year there are fewer hired hands available to keep day-by-day jobs under control. The NEW IDEA-HORN Hydraulic Loader is the modern one-man tool with enough versatility to handle the many jobs about your farm that other farm machines can't touch. Three models fit over 80 different tractors.

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Kansas Women Seek "Ike's" Help To Save Kansas Valleys

By FRANCES R. WILLIAMS, Marysville, Kansas

TWO BUSLOADS of Kansas women, from every part of the state, journeyed to Denver recently to present to General Eisenhower their idea of flood control in the watershed plan, as against building big dams. They included 82 women, wives and daughters of farmers, business and professional men, living in small towns in the valleys that will be destroyed if Tuttle Creek dam on the Blue River and dams on other streams, 22 planned projects in all, are built.

The women offered their solution, the watershed plan, as the sensible one which will hold water where it falls, save the soil as well as prevent floods. Of the 20 organized watershed associations in Kansas, 13 were represented in the delegation.

Senator Frank Carlson and Congressman Clifford Hope were present during the hour-long conference with General Eisenhower.

Feeling the general public is unacquainted with the facts, the women of the Blue Valley presented their case to President Truman a short time ago, but received no sympathy. The plan to see General Eisenhower was conceived during the return trip from Kansas City.

Farm Women Take Lead

Leading in the organization of women of the Blue Valley and others in the state are a group of young farm home-makers. Mrs. Gaylord Johnson, the former Ruth Salley of Shawnee county, 4-H Club member, graduate of Kansas State, a former home demonstration agent and now a farmer's wife and mother of twins, 22 months old; Mrs. Curtis Phillips and Mrs. Robert Dreith are leaders in the fight as well as Lucile Johnson, Doris and Leona Velen, all of the Blue Valley watershed.

It was a serious group of women who met with General Eisenhower. They attracted considerable attention while in Denver, with their badges of sunflowers. They were interviewed by representatives of the press associations and on the radio. They were not "irate" as they had been dubbed in their interview with President Truman, but sober, thoughtful women, not relying on their own strength but asking Divine help and guidance in their fight to save their homes.

Mrs. Edith Monfort, Reading, Kansas secretary of the Kansas Watershed Association, was key spokesman for the group in presenting the watershed plan. Others who spoke were Mrs. Gaylord Johnson, Cleburne; Mrs. Paul Thompson, Severy; Mrs. Robert Dreith, Leonardville; Mrs. Noble Peterson, Osage City; Mrs. M. E. Gentleman, Glen Elder; Mrs. Harold Roher, Junction City, while Mrs. Curtis Phillips, Manhattan, acted as chairman, and presented General Eisenhower with an honorary membership in the Kansas Watershed Association.

During the conference the General listened with attentive interest. He asked several questions and gave the women assurance that altho at this time he is unable to make a definite statement, he realized the women were troubled by a grave problem, but if he were placed in a position of great responsibility, he would seek every avail-

When Your Home Freezer Stops

What to do when the electric current to your home freezer stops is explained in detail in a new leaflet prepared by the Extension Service of USDA. To get this free leaflet address Home Service Editor, Kansas Farmer, Topeka, Kan. Ask for Leaflet No. 321, "What to Do When Your Home Freezer Stops."



Frances R. Williams

able means he knows of a just solution.

Those present for the conference, other than those mentioned, were: Agnes Clark, Wichita; Mrs. Mary Wingfield, Mrs. Leroy Peterson, Mrs. G. F. and Florence German, Mrs. Saralena Colvin, Manhattan; Mrs. E. E. Peterson, Mrs. Alice Kyellen, Mrs. Charles Kyellen, Mrs. Ina Osborne, Mrs. Paul Jameson, Garrison.

Mrs. Albin Longren, Kathryn Vandahl, Ramona Vandahl, Doris Meyer, Anna Printz, Mrs. Dennis Holt, Mrs. Jesse Yantis, Mrs. Eldon Vandahl, Cleburne; Olive Vawter, Mrs. G. A. Attwood, Mrs. Luella Johnson, Mrs. Robert Johnson, Randolph; Mrs. Glen Stockwell, Leonardville; Mrs. Elof Hanson, Mrs. L. W. Fagerburg, Olsburg.

Mrs. M. E. Elliot, Waterville; Leona Lathrop, Blue Rapids; Mrs. James Hammon, Mrs. Alice Cottrell, Mrs. Alfred Carlson, Mrs. Everett Denton, Mrs. Olin Diberet, Sara and Elizabeth Diebert, Irving; Mrs. Frank Williams, Mrs. Byron Guise, Marysville; Mrs. Irving Niles, Lyndon; Eva Lewis, Mrs. Russell Booth, Osage City; Mrs. Gus Gustason, Junction City.

Mrs. George Verhage, Downs; Mrs. Ray Wanger, Mrs. Ina Brey, Fern Newell, Ozaukee; Mrs. Ralph Nelson, Mrs. Olin Hoet, Cleburne; Marigold Peterson, Garrison; Mrs. K. W. Phillips, Manhattan; Mrs. Paul Nelson, Blue Rapids; Mrs. Frank Fleming, Mrs. Herbert Nelson, Mrs. Harry White, and Mrs. C. H. White, Council Grove.

Name County For Top Farmer

One Kansas county is named for an agricultural leader and farmer. Gray county, organized July 20, 1887, is named for Alfred Gray, first secretary of the Kansas State Board of Agriculture.

A native of New York, Mr. Gray moved to Kansas in 1857 and opened a law office in the village of Quindaro in Wyandotte county. He bought a farm there and later quit his profession of law to devote all his time and efforts to agriculture. He aimed to make a model farm, became an outstanding farmer.

In 1866 he was elected a director of the State Agricultural Society, was re-elected in 1872. When the State Board of Agriculture was organized in 1872 he was chosen its first secretary so sold his farm and moved to Topeka. He died while sitting at his desk working, on January 23, 1880. For 2 years he served as a regent of Kansas State College and helped shape its course. He was mentioned for the position of first U. S. Commissioner of Agriculture but ill health prevented the appointment. Alfred Gray was a tireless worker for the betterment of agriculture and Kansas.

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Northwest Motor Co.

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Emporia
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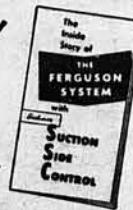
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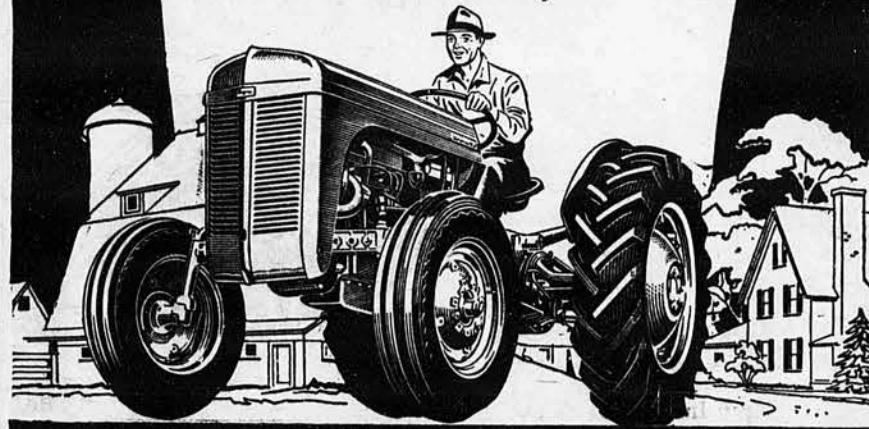
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COMING, SEPTEMBER 20

What would you say is the most important unsolved question affecting rural communities in Kansas? **Kansas Farmer** has picked what it thinks ranks right at the top. Watch for a feature story in the September 20 issue of **Kansas Farmer** outlining this problem from a state-wide standpoint, and giving you a detailed account of the problem in one rural community.

Moving Controls Broom Sedge But Good Grass Needs Fertilizer

BATTLING broom sedge is a tough fight. It's no ordinary battle. Bert Garrett, Cherokee county, will vouch for that. He has crossed swords with the pest several times in the last few years while attempting to provide better grazing for his dairy herd.

Mowing 3 times in one season has helped control broom sedge. But it alone does not provide the complete answer. Mowing alone does not give assurance that plentiful growth of good grass and legumes will follow.

Six years ago Mr. Garrett had corn in a 15-acre field. There was broom sedge in with the corn. Dairy pasture is what he wanted in that field. After applying 3 tons of lime an acre and 100 pounds of 0-20-0, it was seeded to rye grass in fall with lespedeza the following spring. Rye grass just didn't grow. Two years later he seeded a mixture of clovers with timothy. Timothy failed. Clovers did some good but persistent mowing was necessary to keep broom sedge down.

Next field he worked was limed with 3 tons an acre and fertilizer was increased to 150 pounds of 0-20-0. It was seeded to brome and alfalfa. Brome grass failed. Alfalfa came thru and regular clipping held broom sedge down.

Another field was limed, again with 3 tons an acre. Barley was seeded along with an application of 100 pounds of 2-12-6 an acre. The barley was hogged down and a clover mixture was seeded in spring of 1950. Again this patch was used for hog pasture but was mowed only once to control broom sedge. Perhaps the fertilizer was just enough to give the broom sedge a shot in the arm. It came back bigger than ever; a solid stand waist high.

Apparently it takes more lime, more fertilizer to give friendly grasses and legumes a big boost to gain control of broom sedge, Mr. Garrett believes. Mowing helps control the pest, but mowing alone doesn't assure a stand of good grass.



REGULAR MOWING helps keep broom sedge under control in this field which Bert Garrett, Cherokee county, shows to County Agent Frank Stuckey. However, 2 grass seedings failed. Only clovers were able to make growth. Three tons of lime and 100 pounds of 0-20-0 apparently did not supply enough plant food to assure a grass stand.



BROOM SEDGE took over in this field shown by Bert Garrett and Frank Stuckey. After use of 3 tons of lime and 100 pounds of 2-12-6 it was seeded to a clover mixture. It was used for hog pasture and mowed only once last year. Broom sedge, also known as "poverty grass," took over.

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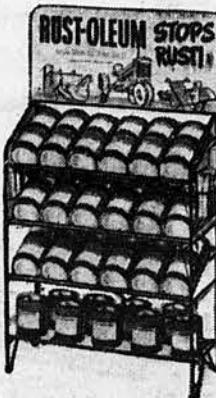
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Thoughts

TO LIVE BY

"What Holds the World Together?"

WHAT DOES HOLD the world together? Physically, of course, it is gravitation. Without gravitation, the centrifugal force would throw every loose object out into space. The concern of the child when he first learns the world is round would have validity. Pity the poor people on the underside of the earth. How can they walk? How can they stay on the world at all? Gravitation takes care of that. Down is always toward the center of the earth, not toward the bottom of the universe—if it has a bottom. This force of gravitation is much like a magnet. It exerts a constant pull, and thus holds things together. Our knowledge of the way in which that force works enables us to speak of the law of gravity.

There also is a force that keeps society together. There must be or we would destroy one another. In the days of the Judges, "every man did that which was right in his own eyes." The result was chaotic. When any individual or nation makes that which is right in his own eyes the standard of conduct, chaos is bound to follow. It is too easy to rationalize, and the law of expediency is too convenient.

Fortunately, there is a God-given righteousness in the world which was expressed by Moses as law. We

but man, not the Creator but the creature. And then the code proceeds to reveal the requirements of righteousness—the terms upon which society can function harmoniously.

It is our belief transgression of this law or opposition to this force brings its own Nemesis. That is why we are confident materialistic Communism is doomed to fail, and why we are so seriously concerned about the secularism which runs rampant in our own country. The law may be compared with the passing mark in school. The love of God far excels his law, for love evokes a desire for perfection. But the minimum requirements of society, which can be found in Exodus and Deuteronomy:

1. *Thou shalt have no other gods before me.*

2. *Thou shalt not make unto thee any graven image, or any likeness of anything that is in heaven above, or that is in the earth beneath, or that is in the water under the earth: Thou shalt not bow down thyself to them, nor serve them: for I the Lord thy God am a jealous God, visiting the iniquity of the fathers upon the children unto the third and fourth generation of them that hate me; And showing mercy unto thousands of them that love me, and keep my commandments.*

3. *Thou shalt not take the name of the Lord thy God in vain: for the Lord will not hold him guiltless that taketh his name in vain.*

4. *Remember the sabbath day, to keep it holy. Six days shalt thou labor and do all thy work: But the seventh day is the sabbath of the Lord thy God: in it thou shalt not do any work, thou, nor thy son, nor thy daughter, thy manservant, nor thy maid-servant, nor thy cattle, nor thy stranger that is within thy gates: For in six days the Lord made heaven and earth, the sea, and all that in them is, and rested the seventh day: wherefore the Lord blessed the seventh day, and hallowed it.*

5. *Honor thy father and thy mother: that thy days may be long upon the land which the Lord thy God giveth thee.*

6. *Thou shalt not kill.*

7. *Thou shalt not commit adultery.*

8. *Thou shalt not steal.*

9. *Thou shalt not bear false witness against thy neighbor.*

10. *Thou shalt not covet thy neighbor's house, thou shalt not covet thy neighbor's wife, nor his manservant, nor his maid-servant, nor his ox, nor his ass, nor anything that is thy neighbor's.*

As the Psalmist meditated upon the divine laws, he observed, "In keeping of them there is great reward." So the world of men is held together.

—Larry Schwarz

WANT A GOOD LIFE?

Why are so many people searching for security in these troubled times? The error lies in our failure to remember the art of living consists in contrast. Things cannot be always hilarious. There is no fun in eating turkey if every day is Thanksgiving. If we seek nothing but pleasure we stand a good chance of losing it all.

—By Dr. Annette C. Washburne.

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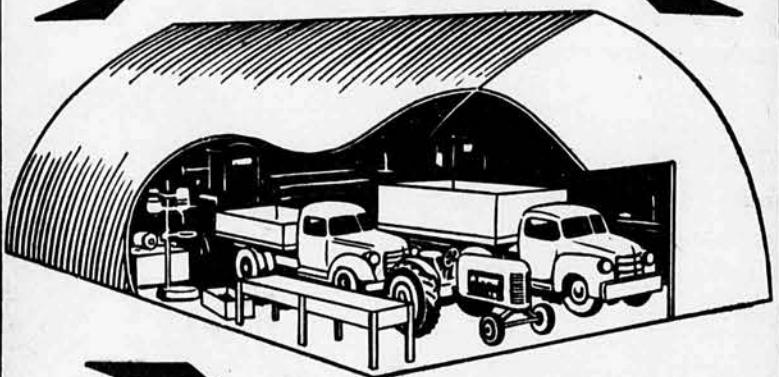
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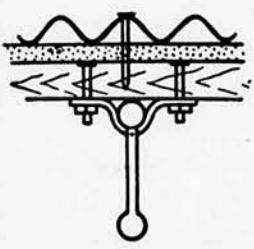
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Will Ask Next State Legislature To Aid in Child Health Crusade

By DICK MANN

Editor's Note: This is the third of 3 articles dealing with child mental health problems in Kansas. Our first article outlined the problem, a second told of the new clinic at Topeka. This article outlines the long-range program for Kansas and what you can do to help.

IT IS EVIDENT from the 2 articles you already have read in *Kansas Farmer* about child mental health that people of Kansas are becoming increasingly aware of the problem. Also, that state officials have recognized the needs and are doing something about them.

At a recent meeting in Topeka of the Kansas Council for Children and Youth, members of that group drafted a proposal to present to the next legislature calling for a State Children's Center, preferably in the Topeka area.

This center, they believe, should be under supervision and administration of the State Board of Social Welfare, with an advisory commission appointed by the governor serving as a governing unit both for the Topeka center and other state children's institutions.

Purpose of the proposed State Children's Center would be to study, diagnose and treat children with social, mental and emotional maladjustments, and to carry on research in this field.

The superintendent and his staff would determine which children could be served by the center on the referral of courts, teachers, parents or guardians.

What Center Would Offer

Types of services the center should offer would include: thorough physical examinations, appropriate laboratory examinations, psychiatric diagnosis and therapy, psychological testing, psychiatric case work service, occupational and physical therapy, routine schooling and special education, religious guidance, recreation, and rehabilitation.

Cost of the center should be by direct legislative appropriation rather than by taxation, Council members believe. The Council tried to get a \$750,000 appropriation in the 1951 legislature for setting up a state children's center of this kind, but the measure did not pass.

Widespread interest in the need for something of this kind is indicated, however, in that 11 state-wide groups

were represented at the recent Council meeting to decide upon a course of action.

It is the hope of the Council that eventually Kansas will have a child mental health setup that will work something like this:

Children needing some mental health assistance would be referred to local guidance centers located in strategic towns throughout the state. Parents, physicians, social workers, probate judges, schools, foster homes and other agencies could refer children to these guidance centers.

Here the children's problems would be studied during periodic visits by child and parents, as described in our second article. If the child needed more specialized services than were available at the guidance center, he could be sent on to one of 3 or 4 receiving homes and diagnostic and treatment centers in the larger cities. Here he would be kept for whatever time was necessary for treatment. If the case was beyond the facilities of the receiving home the child might be sent on to a children's psychiatric center, say at Topeka or Kansas City.

Would Provide Home Atmosphere

At receiving homes and state center, Council members want to see a system used that will simulate a home atmosphere as much as possible. To do this they think children should be placed in cottages housing not more than 15 children, with some married couple living in the home as supervisors.

In working out a long-range plan of this kind there are several things to consider, says Governor Edward F. Arn. "We must, in the interests of economy, utilize what facilities we have," he explains. "For instance, the best place to put a state children's center would be either on the Topeka State Hospital grounds or near the K. U. Medical Center, in Kansas City.

"At Topeka the center could utilize the services of the Topeka State Hospital staff with consultation services of the Menninger Foundation. There also would be great savings in operation costs. At Kansas City the center could utilize the Medical Center facilities with its training center for psychiatric

(Continued on Page 17)

GRANDMA By Charles Kuhn



workers. You can't just go out anywhere and set up duplicate services somewhere else. We don't have the personnel or money to do it.

"Some folks might feel," the governor continues, "that there is some stigma attached to sending a child to a state center if it is connected with the State Hospital. Actually, there would be no direct connection. It wouldn't really make any difference whether the child center was on a corner of the State Hospital grounds or across the street. It must be close enough, however, so we can use part of the same staffs and other facilities." The Kansas Council for Children and Youth say the Center should not be a part of any mental hospital.

Governor Arn indicates it might be advisable to have as many as 3 centers offering somewhat similar services. He believes services at Topeka and at the K. U. Medical Center might be expanded and a possible third center might be located at Wichita, which already has a guidance center.

Council members would like to see one guidance center for each 100,000 persons in Kansas. These local centers would need to be financed mostly by money raised in local areas served. Some Federal funds are available to get such centers started but they eventually must be self-sustaining or locally supported. The Shawnee Guidance Center, which has an annual budget of \$35,000, has about reached the point where Federal funds are to be withdrawn. This center is looking to the Topeka Community Chest fund for aid.

How You Can Help

Now that we have given you a general outline on a long-range child mental health program for Kansas, what can you do to help? Use these 3 *Kansas Farmer* articles as educational material at your farm group meetings such as home demonstration units. Write B. W. Tucker, Executive Secretary, The Kansas Council for Children and Youth, Masonic Building, Topeka. He will be glad to send you additional educational material or answer specific questions about Kansas mental health problems.

Better yet, organize your group for a planned trip to some Kansas institution for a firsthand study of what many young people are going thru as the result of lack of guidance at the proper time. If this idea is too costly, why not choose a representative from your group to make the study and then report back?

Find out all you can about the problem and what is being done about it. Then, let your legislator know how you and members of your group feel about legislation to start a state-wide mental health program.

A Grand Idea

Dear Editor: Have just finished reading, "Why Not Take Children on Vacation With You?" by Eileen Derr, in *Kansas Farmer*, August 2, 1952, and think it is a grand suggestion.

She says, "Much Easier This Way." I think so too, and it's a pleasure to share with them, also less expensive. They like a little vacation, also.

Of course they get tired sometimes but a 1/2-hour stop for pop or ice cream cones or hamburgers peps the whole gang up and gives "Pop" a rest from driving.

My children were 2 granddaughters, 4 and 8 years old and the "family" took "Grandma" along—a trip thru New York and Pennsylvania. Ah! "Sweet memories!"—Mrs. Letitia Burrows, Franklin Co.

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If protectors for arms and backs of chairs are cut from same material used to cover chair they are inconspicuous. Cut so design matches area where placed. Make large enough to serve a real purpose. To keep protectors from curling up at edges, finish edges with cotton tape, and press. Matching slip cover protectors are easy to laundry, and they'll cut down on times slip cover needs cleaning.—Mrs. S. C.

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Dwight Hull SAYS . . .

Your Local and State Fairs Can Hold Entertainment and Education for You

LET'S GO TO THE FAIR! That is a very popular expression this time of year as many thousands prepare to attend one or more fairs. A fair might be characterized as a combination of a social occasion, a sporting event, an educational opportunity and a business venture. We realize there are many who attend fairs simply as another means of entertainment. However, we believe the farmer and his family attend because they realize the opportunity offered to increase their information and knowledge of some phase of farming practice. To the progressive farmer, it's one opportunity of the year to check up on new developments.

We believe from our experience, that to a large number of farm families the fair is a social occasion. Many old acquaintances are renewed and new ones made. Many valuable friendships that last thru the years are formed. To the exhibitor, at least, the fair is a real sporting event. Each exhibitor leading his animal into the show ring has a real desire to win. He has spent many hours in preparation and in making every effort "to put his best foot forward."

The "Ringside" Knows:

Perhaps nowhere is the evidence of good sportsmanship or poor sportsmanship more in evidence than in the show ring. The ringside, as in all sporting events, is always quick to recognize these qualities. So, to hold a Blue Ribbon may not be the final answer. It is extremely necessary in winning or losing you have been a good sport.

To spectator as well as exhibitor, educational opportunities abound. The extent one's information or knowledge is increased depends largely upon his attitude of mind. For example, rarely does a judge place a class of cattle to the satisfaction of all. To agree or disagree is a good old American privilege; but to agree or disagree is not the point. What one should do is carefully analyze the judge's reasons for making his decision, and from that try to formulate a clear picture of the ideal or desirable type animal.

I recently attended a good county fair in Missouri, and was very much in-

terested in watching a very capable judge tie the ribbon on a very large and close group of Jersey cattle. One exhibitor became so disgruntled because his animals were not placed where he thought they should be before the judging was over. Another exhibitor, showing poor sportsmanship, severely berated the judge because his animal did not place higher. These are extreme and rather unusual cases of not only poor sportsmanship, but where all advantages from an educational standpoint are lost.

Need More Exhibitors

By and large exhibitors are good sports and gain more educationally than any other group. We are inclined to feel, because of this, more breeders should be induced to exhibit at local and state fairs. The district herd idea, adopted by our state fairs, has done a great deal along this line, as many small breeders have been able to exhibit one or two animals. It would have been impossible for him to exhibit at all without such an arrangement.

Another worthwhile educational feature of the dairy division of our State Fair is the judging contest sponsored by *Kansas Farmer*. Many farm folks compete in elimination contests at spring shows for the right to compete at the state show. To actually judge and place classes along with the judge is the most satisfactory way to increase one's ability to properly evaluate the good and bad points of an animal. I feel Kansas dairymen are very appreciative of the opportunity this judging contest sponsored by the *Kansas Farmer*, affords.

The fair is a business venture for the exhibitor as seldom does he collect premium money enough to cover his expenses. He does, however, have an opportunity of showing to a good many potential buyers the type and quality of animal he raises. Sometimes actual sales are made at the fair, but more often contacts are made that lead to sales at some future date. Whether it proves to be a successful business venture depends upon the individual's own ability to make use of the opportunity.

Your Lawn Will Grow Much Better If You Follow These Suggestions

By WILLIAM G. AMSTEIN, Kansas State College

EVERYONE ASKS for a "super" lawn grass that will stay green the year around, not require too frequent mowing, has drought resistance and will not be subject to competition from weeds or shade.

The answer has not been found. Kansas is too large to expect the answer for everyone in any one lawn grass or mixture. Some extra work will be needed in most areas for best results with any lawn grass selected.

At present the principal lawn grasses in use in Kansas are Buffalo grass, Bermuda grass and Kentucky bluegrass. Zoysias, Highland bentgrass, Perennial ryegrass, African Bermuda, U-3 as well as fescues (Kentucky-31) are being tried. Merion bluegrass also is receiving considerable attention. These latter ones are not too well known at present, especially their problems. A joint program on the study of lawn grasses, including many items

now in question, is underway at Kansas State College. The Central Plains Turf Foundation is co-operating in this program. Many answers will be obtained thru it.

Buffalo grass, under natural conditions without extra attention, is best for western counties. Left to take care of itself without irrigation or fertilizer, Buffalo will probably manage best since less trouble will develop with weeds. Buffalo will not do well in shade or where shaded by weeds.

Buffalo grass can be established by using pieces of sod or sowing seed. With improved seed harvest and treatment methods, use of seed as a means of establishing a Buffalo lawn is now in rather common use. On a well-prepared seedbed use of $\frac{1}{4}$ to $\frac{1}{2}$ pound of treated seed to 1,000 square feet will give good results. Middle to late April is a good season to drill the seed. Cover-

(Continued on Page 19)



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ing should be about $\frac{1}{2}$ inch deep. Bermuda grass is commonly used in Southern and Eastern Kansas. It has a short growing season but manages to get in many gardens, flowerbeds and shrubbery rows. Questions on Bermuda grass more often have to do with getting rid of it than establishing it. In many areas a Bermuda lawn is still an answer. It will take dry weather and high summer temperatures, and is not expensive or difficult to establish.

Close mowing late in the season the first fall will often result in severe winterkilling of Bermuda or U-3 Bermuda grass. If left $1\frac{1}{2}$ to 3 inches tall much less winter damage will result. A so-called mild winter is often hard on Bermuda.

Kentucky bluegrass, where adapted, is the best grass in Kansas. However, in many sections of the state, extra attention in fertilizing, watering and weeding, as well as more care in mowing, are needed for success. In Eastern, especially Northeastern Kansas, bluegrass does best. In northwestern counties, many excellent bluegrass lawns are found.

Some of the more common failures are caused by weeds, lack of needed fertility and failure to water thoroly.

When to Seed Bluegrass

Best time to seed bluegrass is early in September in soil free of weeds and well fertilized with nitrogen and phosphate, as well as limed if needed. Seeding a good grade of bluegrass 2 pounds to 1,000 square feet is suggested. The ground should be rolled and kept well-watered. Merion bluegrass is being quite widely used this year.

Keeping the bluegrass lawn in condition requires more attention than is usually realized. Avoid too close mowing. Two to $2\frac{1}{2}$ inches is close enough. In early spring the use of 5 to 10 pounds of a 6-30-0 or a similar material per 1,000 square feet is suggested. Some repeat this treatment in late summer or early fall.

Weed control by keeping a good stand and a little hand weeding is still a good way to maintain a bluegrass lawn. Use of 2,4-D or other chemicals for weed control too often seems to get out-of-hand. Shrubs, flowers and the garden seems to be included in the path of the 2,4-D fumes even though it is unintentional. PMA and KOCN have generally given good results in handling crabgrass in bluegrass lawns.

For Child Health

Dear Mr. Gilkeson: I want to express my appreciation, and that of the Kansas Council for Children and Youth, for the article in your current issue of *Kansas Farmer* written by Dick Mann. Also was pleased for the mention of Kansas Farm Bureau. Both organizations are doing a great deal for Kansas, especially the children, and your recognition of that fact helps us continue our task.

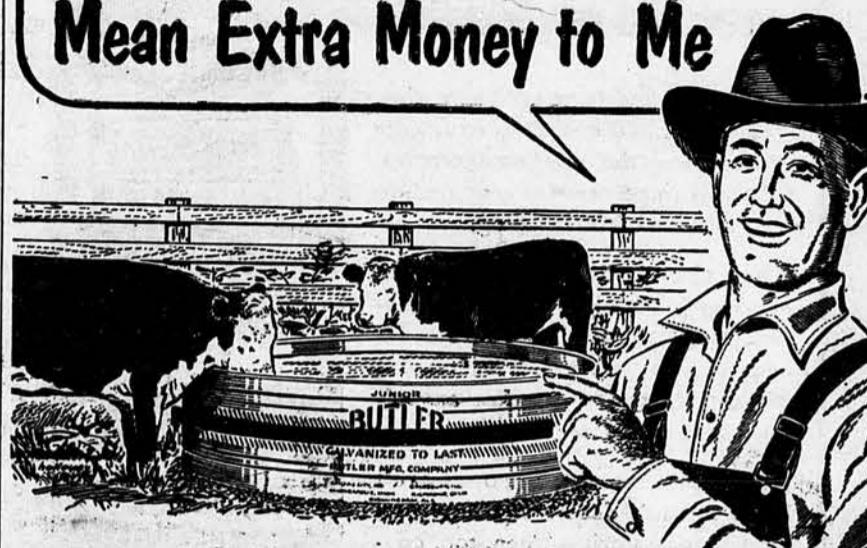
Am looking forward to the other articles, as anything that will help us reach our goals on the mental health program, especially the Children's Center, will mean a great deal.—Mrs. G. W. Bennington, Butler Co.

For the third and final article in this series, please turn to page 16. The other 2 articles appeared in *Kansas Farmer* for August 2 and August 16.—Editor.



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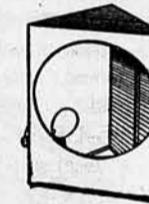
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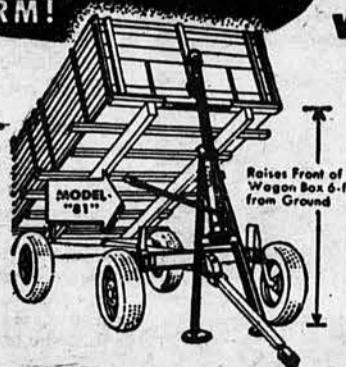
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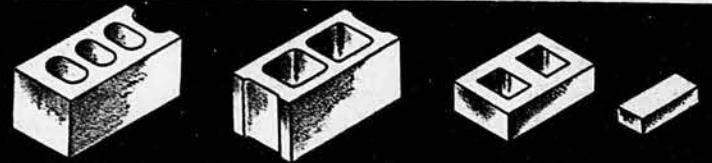
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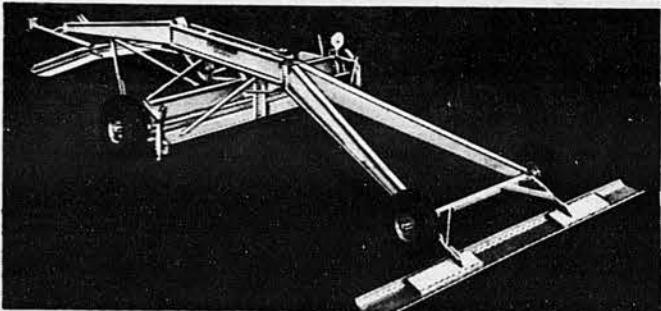
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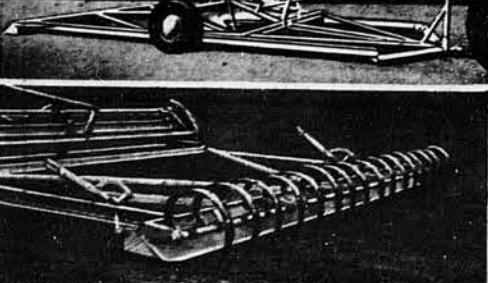


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Plan now to use an Eversman this FALL for needed leveling and dirt moving—get ready for more efficient irrigation—fill those pot holes and gullies—improve drainage. Now you can level and harrow in the same operation with the new Eversman springtooth attachment. Saves a separate harrowing—will ridge fields to prevent blowing—produces a superior seed bed, especially for wheat and alfalfa. Write today for FREE CATALOG.



DANIEL GOES TO GREECE

He visits a friend in a mountain village, tells of life on 2 Grecian farms

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

Dear Mr. Gilkeson: (August 4, 1952) Things have been happening pretty fast the past two weeks, but I'll try to sneak in a little time to tell you what I've been doing. At the present time I am located on a 3,750-acre farm near Larissa, which is in the Thessaly Plains area of Greece. This farm is owned by a Corporation of wealthy people in Greece, and is run strictly as a business enterprise—something that is quite unusual here in Greece. It is all very highly mechanized and efficiently operated, having about 16 full-time workers besides many seasonal workers from nearby villages. They are also carrying on some experiments and practicing many new agricultural developments such as producing their own hybrid seed corn.

Major crops grown here are corn, wheat, cotton, tobacco, potatoes and horsebeans; they also have about 2,000 head of sheep. I have been here about 5 days, and I am scheduled to go to another nearby farm tomorrow. This farm is privately owned and much smaller.

More Like Kansas

I have liked this section of Greece much better than any of the others—perhaps because it is more like Western Kansas. It's almost as hot here as it is at home at this time, and much drier. This is a flat plains area between two chains of mountains, and the principal crop grown is wheat. Farms of this area are much larger and much more highly mechanized than those of Macedonia, and I believe the people live a little better life.

Yesterday I went with some agriculturalists to a village near Larissa where they were having a pasture improvement project. The people of the village had been convinced they could improve the pastures of the village for their sheep, so now they have gone ahead, renovating some of it. This particular village owns about 200 acres together, and they are going to improve about 30 acres to see the results. Yesterday all the farmers in the village took their tractors and plows and plowed this area. It took 25 tractors about an hour to plow it. This fall they are planning on seeding the plot to a mixed pasture. I have been invited to stay in this village for a few days, so I will go there the end of this week.

A week ago last Friday I took a trip from Salonika to Dohmotican, up between the Bulgarian and Turkish Border. I went to visit Petros Toundjis, a Greek boy that had been to the U. S. as an I.F.Y.E. in 1951. I was curious to



Daniel Petracek

know what kind of work he was doing and whether his experiences in America had helped him in any way since his return, so with the help of Bruce Lansdale of the American Farm School, I was able to take 5 days out of my regular schedule and go by bus to this area to see him. It is about a 250-mile trip and it took me two days to make it. Roads are terrible thru all of Greece, and traveling is very slow.

I found Pete working with the Queen's Fund in the mountain villages near the Bulgarian Border, and doing a wonderful job there! The Queen's Fund is a service that was established by the Queen during the Guerrilla warfare to save the young children of the villages from Communists. Up to that time 28,000 children had been taken from their homes and into Communist-controlled countries. The Queen set up homes for children and brought the children from the villages to protect them. While they were there they learned many crafts and trades. This work has continued since then and is now a sort of extension work in many of the villages. Pete was very impressed with work of youth clubs in America, has tried to model much of his training of children on the same ideas.

In many of these mountain villages, people still wear native costumes, and while I was at this village, I was able to see a wedding with all the gaiety and color of the native customs. It certainly made this trip worthwhile, and I also was able to see a great deal of Greece I never would have been able to see otherwise.

Living in Greece is becoming more interesting and fascinating every day, and it is hard to realize I have been here 6 weeks already.

Goodby and Good Luck.—Daniel Petracek.

Get Ready to Play and Learn At 1952 State Fair

(Continued from Page 8)

and one class of beef cattle to be judged in the arena at one time. However, if weather is nice, dairymen may want to judge outside on the lawn again as they did on some classes last year."

A feature of the dairy show will be the *Kansas Farmer* Dairy Judging Contest, in which previous district winners will compete for cash prizes and ribbons in each breed show.

There will be no swine show at the fair this year because of a quarantine on swine shows due to vesicular exanthema disease. Fat hog classes in open and 4-H may be held, however.

The usual large sheep show is anticipated and entries may be increased due to the change in the Tulsa fair. The sheep shearing contest this year will

be a 1-day event, on Thursday, instead of being spread over several days.

"More money for 4-H Club livestock winners will be available this year," Mr. Miller explains. "The reason is the Hutchinson Chamber of Commerce has dropped the annual sale of 4-H Club livestock and instead will give about \$750 in additional cash prizes to winners in the various classes. They believe this plan will give a better distribution of money among competitors," says Mr. Miller.

A state-wide reunion of 4-H Club leaders will be held on Friday of fair week, with a big picnic lunch at noon. This is the day 4-H camp trophy awards are made. The first state-wide

(Continued on Page 21)

Grain Growers!

USE AGROX OR MERGAMMA

for SEED TREATMENT
Get BETTER STANDS
And BIGGER YIELDS

AGROX controls seed-borne diseases such as stinking smut of wheat, covered smut and leaf stripe of barley, covered and loose smut of oats; also seed rot and seedling blights. A proven mercurial seed disinfectant—applied dry or as slurry with standard equipment.

MERGAMMA controls wireworms, false wireworms and seed-borne diseases. Used on wheat, oat and barley seed. Effective two-way protection is due to Mergamma's mercurial-benzene hexachloride content. No special seed treating equipment required.

Write for FREE
SEED TREATMENT
CIRCULARS

CHIPMAN CHEMICAL COMPANY

DEPT. 6, BOUND BROOK, N.J.

NATIONAL Vitrified SILOS
Everlasting TILE
Cheap to install. Trouble Free. Also
Tile Stave Silos. Outside Reinforcing.
Buy Now Erect Early
IMMEDIATE SHIPMENT
LEACH SILO UNLOADERS

Write for prices. Special discounts now.
Good territory open for live agents.

NATIONAL TILE SILO COMPANY
636 Livestock Exchange Building
KANSAS CITY 15, MO.

* SAVE 60 to 90% on your FENCING COSTS

- By using International WEED-CHOPPER® Fencer to put electricity to work for you.
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FOR ONLY \$29.50 you can electrify many miles of fencing... and your stock will remain in bounds—won't stretch or push down fences. See your International Dealer, or write direct for free booklet: "HOW to Build a Good Electric Fence."



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

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

4-H reunion was held last year and proved successful.

The state Who's Who Club also will hold a reunion, on Thursday afternoon at 4 p.m. at the 4-H Club building.

The Kansas Quarter Horse Association will put on a nice show most every day in front of the horse barns across the track from the grandstand. They will have reining classes, halter classes and cutting classes. Finals in the cutting and reining classes will be held Friday, along with horse racing.

Farmers looking for new machinery at the fair will see about as much as usual. Case, Allis-Chalmers and Massey Harris will be represented by local dealers, assisted by neighboring dealers. The Kansas City distributor of Ferguson also will have a display, as will the Krause Plow Co. General Motors is planning a large truck show. Many new or smaller implement companies are coming in with displays and you can be assured of a top-notch machinery show! The FFA machinery show is expected to be even larger than usual.

Big Home Show

The best home furnishing and appliance show in the history of the fair is promised. All concession space in all buildings has been sold. The Army, Air Force, Navy and Marine corps are all coming in with large displays this year. A Marine helicopter will make daily landings on the fairgrounds each morning and jet bombers will put on a sky show each afternoon.

Flying Farmers will have a big day Tuesday with a reception on the landing strip during the morning, a luncheon at noon, followed probably by a program. Cessna and Piper Cub planes will be on exhibit. Kansas Master Farmers and Farm Homemakers will be honored guests of the fair on Wednesday, will be entertained at a banquet Wednesday evening by the Hutchinson Chamber of Commerce.

Bureau of Reclamation and the Corps of Army Engineers will have large educational exhibits of local interest. These should draw much attention, due to controversy raging now over flood control methods.

Parking lots on the fairgrounds have been drained and will be usable now in any kind of weather. Several times in the last 2 years visitors had to park outside the gates.

Concession spaces are all sold and concessions have been closely culled this year to keep out undesirables, says William Wegener, assistant secretary. "We will have some very fine eating places this year," he says.

A feature on the midway will be the giant sky-wheel, making its first appearance in Kansas. This ride takes the passenger 92 feet above the ground!

Variety in Show

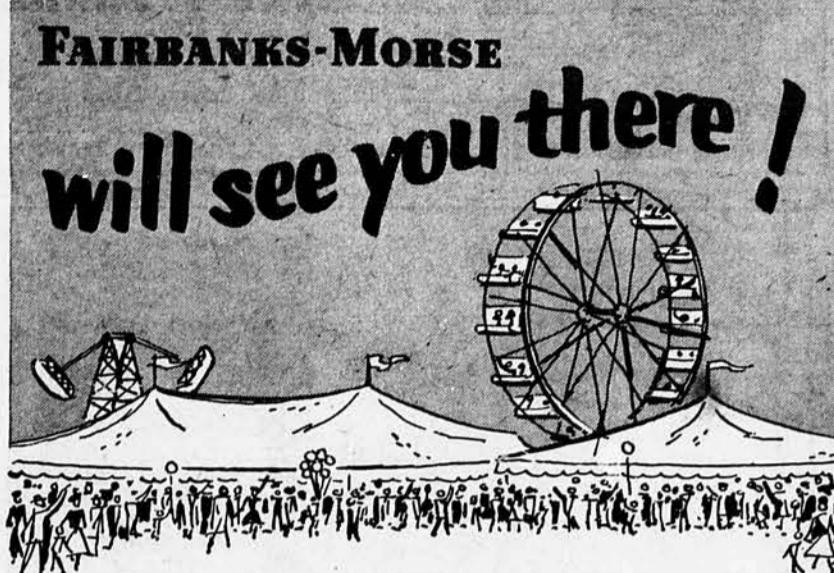
Considerable more variety has been put into the afternoon grandstand attractions with a special attempt to please farm people. On Sunday there will be stock car races, Monday Aut Swenson's Thrillcade, Tuesday speedway auto races. On Wednesday and Thursday afternoons a top-notch rodeo will be presented. On Friday afternoon all saddle clubs in the area will be invited to take part in a Western Day program.

Every night, of course, there will be the big State Fair Revue in front of the grandstand. New this year on the grounds, however, will be a large ice show, the Ice Vogues of 1952, which will be presented each night. This attraction is entirely separate from the grandstand revue.

Drought conditions undoubtedly will cut into some of the farm product exhibits but a good show is expected. Already there are 15 entries in the county collective booths and 4 in the county project exhibits.

More than 6,000 high school students in more than 100 band groups are expected to provide music daily for the fair. A total of 110 bands attended the fair last year.

All in all, the State Fair this year stacks up with the best, so plan to attend. Remember, September 14 to 19.



KANSAS STATE FAIR HUTCHINSON SEPT. 14-19

Fairbanks, Morse & Co. invites you to visit its booth at the Fair this year.

There will be a big working display of the finest equipment for the farm and the farmer's home—including the amazing submersible water system which is taking the country by storm, and the brand new *submersible cellar drainer*!



To every subscriber who properly fills out the coupon shown below, and presents it at the Fairbanks-Morse booth at the Fair personally, we will give a handy thermometer—free!

Fairbanks, Morse & Co.
FAIR HEADQUARTERS

The items I have checked below are the ones I plan to buy next.

- | | |
|--|--|
| <input type="checkbox"/> Shallow well water systems | <input type="checkbox"/> Washing machine |
| <input type="checkbox"/> Deep well water systems | <input type="checkbox"/> Ironer |
| <input type="checkbox"/> Submersible deep well water systems | <input type="checkbox"/> Rotary power mower |
| <input type="checkbox"/> Submersible cellar drainer | <input type="checkbox"/> Reel type power mower |
| <input type="checkbox"/> Standard hammer mill | <input type="checkbox"/> Light plant |
| <input type="checkbox"/> 5 hp. electric hammer mill | <input type="checkbox"/> Water heater (electric) |
| | <input type="checkbox"/> Water heater (gas) |
| | <input type="checkbox"/> Water softener |

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FAIRBANKS-MORSE
a name worth remembering when you want the best

HOME WATER SERVICE AND LAUNDRY EQUIPMENT • ENGINES • GENERATING SETS
HAMMER MILLS • MAGNETOS • MOTORS • MOWERS • PUMPS • SCALES

COMING EVENTS

September 6-12-Kansas Free Fair, Topeka.

September 9—Neosho county, fall field day, Southeastern Experiment Field, Thieler.

September 9-11-American Soybean Association, 32nd annual convention, Purdue Union, Lafayette, Ind.

September 10-Cherokee county, fall field day, Southeastern Experiment Field, Columbus.

September 10-Osage county, A.B.A. board meeting, Lyndon.

September 14-19-Kansas State Fair, Hutchinson.

September 15-16-Kansas Termite Pest Control Association meeting, Topeka.

September 15-18-American Country Life Association annual meeting, University of Wisconsin campus, Madison. Contributions and problems of the family farm is the chosen topic.

September 16-18-American Country Life conference, Wisconsin College of Agriculture, Madison, Wis.

September 17-Barton county sorghum field day, on the Edward Voight and Alvin Ott farms.

September 23-Ellsworth county outlook meeting, Ellsworth Courthouse.

September 24-Reno county, fall field day, South-Central Experiment Field, Hutchinson.

September 24-Ford county, fall field day, Southwestern Experiment Field, Dodge City.

September 24-25-Rawlins county, soil judging school.

September 25-Kingman county, fall field day, South-Central Experiment Field, Kingman.

September 25-26-Shawnee county, Northeast Kansas Extension agents' outlook meeting, Topeka.

September 26-Johnson county, market outlook meeting, with Ray Hoss and Norman Whitehair, KSC specialists, Olathe.

September 27-October 4-National Dairy Cattle Congress for 1952, Waterloo, Ia. Six dairy breeds—Ayrshires, Brown Swiss, Guernsey, Holstein, Jersey, Milking Shorthorn dual-purpose breed compete for nation-wide honors.

September 29-Johnson county, home demonstration unit achievement day, Olathe.

September 29-Cheyenne county, fall crops and soil conservation tour.

September 29-4-H Club Fat Stock Show, Wichita.

September 29-October 3-Sedgwick county, 4-H Fat Stock show, Wichita.

September 29-30-Washington county, foods unit lesson, with Mary Fletcher, KSC specialist.

September 30-Jefferson county-wide housing tour.

September 30-Osage county, home demonstration achievement day, Burlingame, high school.

September 30-Rawlins county, farm management outlook meeting.

October 1-Douglas county, soil conservation field day, Highland, on Harvey Martin farm.

October 1-Greeley county, fall field day, Tribune Experiment Station, Tribune.

October 2-Thomas county, sorghum field day, Colby Experiment Station, Colby, 1 p.m.

October 3-Nemaha county, soil conservation day, Louis Bueuing farm, 1 mile west, 3½ miles south of Baileyville.

October 6-Mitchell county, outlook meeting, Beloit.

October 7-Thomas county, district outlook meeting, Colby.

October 7-Rush county, land judging school.

October 7-Johnson county, clothing and textiles leader training meeting, "The Well Groomed Family," with Christine Wiggins, KSC, Olathe.

October 8-Hamilton county, fall outlook meeting.

October 8-Labette county, greener pastures recognition program banquet, Oswego Community Building, 7 p.m.

October 9-Crawford county dairy tour, with Ralph Bonewitz, KSC Extension dairyman.

October 9-Labette county beef tour.

October 9-Cheyenne county, land judging school.

October 9-Jewell county, fall field day, North-Central Experiment Field, Mankato.

Be Full of Pride...

You have reason to be very proud—you and your brother food producers. You are making this a remarkable crop year, one which may yet set a new high record.

Too early to count all of agriculture's 1952 "chickens." The final measure will not be taken until the last golden ear is safely cribbed. But we're far enough along to know that fewer men, working long hours and with a new high degree of efficiency, have done a great job.

If profits are proving less than you hoped for as the year's first furrows were turned; if our very success as producers now operates to our market disadvantage, there is still full reason for great satisfaction in agriculture's accomplishments. That is our job—to turn out the food. Setting ourselves to that task, we have done more resultful work this crop season than has ever been racked up by any equal number of men anywhere, at any time. I tell you that's a wonderful thing. You do have reason to be full of pride.

FREE ELECTION BOOK!

Want to be "up" on the National Election? Get your FREE copy of the Skelly Election Book! Packed with information needed by intelligent voters. Ask your Skelly Farm Service Man for your free copy—or get it at your Skelly Service Station. Keep informed, too, by listening to Alex Dreier and Skelly's First Network News Analysis of the Day—7:00 A.M. over your local NBC station. Every Saturday morning, hear Lloyd Burlingham. Same time. Same stations.



FILLED WITH CHLOROPHYLL . . .

A ton of green alfalfa will yield two pounds of that modern magic—chlorophyll—so much in demand for so many food and drug products these days. Not bad when you consider that pure chlorophyll is worth about \$80 per pound.

Other chemicals found in a ton of green alfalfa: Xanthophyll which is used in poultry feeds for making birds' legs pleasingly yellow. Carotene for use in pigments. Most surprising is the report that with all these chemicals removed, the hay is still valuable as feed.

Win \$500

Your favorite recipe may win \$5 if it's published here. Print your name and address on your favorite recipe and send it now . . . to Dept. KF-952. Please keep a copy as none can be returned.

SKELLYLAND'S FAVORITE RECIPES

ROASTING EAR CORN BREAD

This is an old Pennsylvania Dutch recipe and a very delicious one for folks who like roasting ears. This seems to be a recipe that is rarely heard about, but we are sure you folks in Skellyland will want to try it and we hope you enjoy it.

Grate 8 ears of roasting corn. Add—
¾ cup sweet milk 3 tps. baking powder
1 tablespoon sugar ¼ cup flour
1½ teaspoons salt 2 eggs, beaten

Mix well and pour into a well-greased pan and bake in a very hot oven, 450° to 500°, and serve hot with butter.

This mixture will be thin in the baking pan.

Mrs. Impson Anderson
Route #2, Stratford, Oklahoma

Is It True?

Is it true the earth is lopsided? The theory that the earth is somewhat lopsided has some basis in research, states the division of extension information of the U. S. Department of Agriculture. This theory "is not entirely scientific fantasy or trivia." Dr. George P. Woolard, of the University of Wisconsin, used a new type gravity meter to make some measurements for the U. S. Navy. His studies brought out some noteworthy differences from officially accepted figures. It's been estimated the new meter measures the gravitational pull with an accuracy of one part in one million.

As everyone knows, the earth has been considered to be almost a sphere but flatter at the poles. Preliminary information was reported by the Wisconsin scientist in December, 1949. At that time, it was thought some evidence was produced by the new measurements that the earth may have 2 axes in the equatorial latitude—one thru the center of the earth from some point in India to the Pacific coast of the U. S., and one considerably shorter from the middle Atlantic to the middle Pacific. If confirmed, this would make the earth lopsided.



LLOYD BURLINGHAM'S

SKELLY FARM NEWS



"SECURITY AND PRICE PROTECTION IN FUTURE ORDER BUYING"

"We've found security and price protection in future order buying," say Mr. G. J. Hurlburt and Mr. R. B. Ballard. "We operate three tractors, a truck and over forty major pieces of farm equipment and it's a mighty nice feeling to know that we will have all the Skelly greases and oils we need, when we need them."

The Hurlburt family, consisting of Mrs. Hurlburt and two sons, along with the Ballard family of three operate a 540-acre farm in the heart of the Corn Belt, Conrad, Iowa, in Grundy county. They have been using Guaranteed Skelly products for over fifteen years and have found that they are important factors in prolonging the life of valuable farm equipment.

Mr. Hurlburt has added much to his community by holding a charter membership in the Farm Bureau,

officiating as President of the Farmer's Saving Bank in Beaman, Iowa and by participating as a member of the county school board. Mr. Ballard also contributes his share through a joint membership with Mr. Hurlburt in the Farm Bureau and as a member of the American Legion.

These two families do a diversified job of farming with 100 acres in oats, 100 acres in soybeans, 200 acres in corn and 140 acres in hay and pasture land. The tall corn of Iowa also adds to their annual development of 100 head of Hereford cattle and 250 head of hogs. The Hurlbutts and the Ballards, like the many other successful farmers in this territory are well pleased with the fine service given them by Skellymen M. C. Caviness and J. D. (Jim) Gould.



HINTS for House and Garden

- Cooking odors in the living room? Try placing a little perfume or cologne on light bulbs of table lamps. Evaporation will do the rest.
- Getting rid of used razor blades is simple when you deposit blades in an inexpensive toy bank. Keep in medicine cabinet in bathroom.
- A slice of lemon peel in dishwater will soften water, neutralize food odors and give dishes a high luster when dry.
- If ink spills on your rug, immediately

cover with common table salt. As salt absorbs ink, scoop up and repeat with fresh salt until salt comes off clean. Then apply more salt and let lie overnight.

**SKELLYMAN
J. D. (Jim)
GOULD
says:**



"Future Order buying time is here again—time to place your Future Order for all the Money-Back Guaranteed Skelly Lubricants you'll be needing for your farm machinery in Spring 1953.

"As all my customers know, there are many advantages to the Skelly Future Order system. You're assured of having all the Skelly Supreme or Fortified Tagolene Heavy-Duty Motor Oil you'll be needing for safe engine lubrication, and all the Skelly Tagolene Long-Life Greases required for tractors, trucks and other farm equipment. Best of all, you're also protected on price. Skelly guarantees delivery at today's prices—or lower if prices go down. So look ahead with confidence! Place your Future Order with your Skelly Tank Station Salesman now!"

DANGER!

School Days Ahead!

Drive with Extra Care!

All roads and highways lead back to school these days—so it's up to every motorist to watch out for the children—especially those who forget the rules of safety. Be prepared for these all-too-common emergencies: the child who dashes out between parked cars, kids who chase baseballs into streets without fear of oncoming traffic . . . bike riders who turn without hand signals. For additional hints that may save a child's life, listen to the special Back-to-School Safety Announcements during September, on the Skelly-Alex Dreier News Analysis, over your local NBC radio station.

See or call your Skelly Farm Serviceman today!



SKELLY OIL COMPANY

P.O. BOX 436, KANSAS CITY, MISSOURI



Occo Cin-Trate Slashes Your Protein Feed Costs

**THEY
SAW
WITH
THEIR
OWN
EYES**

WHAT IS CIN-TRATE?

Cin-Trate is the New, SUPER Product . . . the ONE-BAG Supplement that guarantees you a balanced feeding program while slashing feeding costs. Science proves that it is not the quantity of protein that counts . . . it is the QUALITY. The quality of protein depends on the balanced use of the TEN ESSENTIAL AMINO ACIDS. Cin-Trate gives you the proper balance of all ten Amino Acids (the Protein Building Blocks) . . . plus all the vitamins, antibiotics and other newly discovered nutrients hogs need.

CIN-TRATE . . . THE NEW WAY TO FEED

Thousands of hog raisers are now talking about the balance of Amino Acids instead of proteins. Science proves the right balance of these Amino Acids in Cin-Trate enables you to produce better pigs at only a fraction of the high cost of proteins.

Only ONE BAG of OCCO CIN-TRATE is needed to balance a ton of grain. So, why continue to use four or five bags of protein supplement when only one bag of CIN-TRATE will give you better hogs . . . and much cheaper gains.

4 YEARS ON THE FORMULA—ONE YEAR TO PROVE IT

It took four years to develop Cin-Trate and put into ONE BAG all that science has yet discovered to raise pigs cheaper.

To make sure CIN-TRATE would do everything claimed for it . . . many farmers were selected throughout the corn belt to try Cin-Trate for one year. These hog raisers were given Cin-Trate and told to use it with their own grain and check carefully the results.

After one year's use . . . **EVERY SINGLE FARMER WHO PARTICIPATED IN THESE ON-THE-FARM TESTS BOUGHT OCCO CIN-TRATE AND CONTINUED TO USE IT.** These men saw with their own eyes that there just isn't anything to compare with Occo CIN-TRATE . . . the COMPLETE ONE-BAG SUPPLEMENT . . . THE SUPER PRODUCT that guarantees cheaper balanced feeding.

GET ALL THE FACTS ABOUT CIN-TRATE FROM YOUR OCCO SERVICE MAN

Let the Occo Service Man who lives near you show you why you can save protein dollars and have the cheapest balanced feeding program there is with new proved OCCO CIN-TRATE.

How 1 Bag of OCCO Cin-Trate Balances A Ton of Grain!



ELWELL, IOWA

Dependability
at any depth...

FAIRBANKS-MORSE



POMONA LINE

Depth is no problem when you use Fairbanks-Morse Deep Well Turbine Pumps . . . the Pomona Line! The deeper you go, the more you need an efficient, dependable pump, and this is where Fairbanks-Morse manufacturing know-how pays off for you.

The extra features in Fairbanks-Morse Pumps assure their efficient and long-term service . . . the new, modern impeller design in either semi-open or closed impellers . . . the new rust-repelling process—"Fairmortecting"—developed for all steel parts subject to corrosion . . . and the easy capacity adjustments above the surface.

Yes, these dependable features mean more profit for you, and your local Fairbanks-Morse Dealer is the man who can tell you about them. He's also up to date on the latest irrigation methods . . . drop in and talk with him. Fairbanks, Morse & Co., Chicago 5, Illinois.

FAIRBANKS-MORSE
a name worth remembering when you want the best

PUMPS • DIESEL LOCOMOTIVES AND ENGINES • ELECTRICAL MACHINERY • SCALES • HOME WATER SERVICE EQUIPMENT • RAIL CARS • MAGNETOS • FARM MACHINERY

Be Water Wise - Conservation Pays!

WATER BEARING STRATA

SILAGE makes extra profits for you!

SALINA
Concrete Stave SILO

Prepare now to make extra profits by feeding silage next winter. Save all you raise! A SALINA SILO pays for itself in a few short years of use. Write for facts today!

NO DOWN PAYMENT REQUIRED!
Save up to \$50 With Cash Discounts

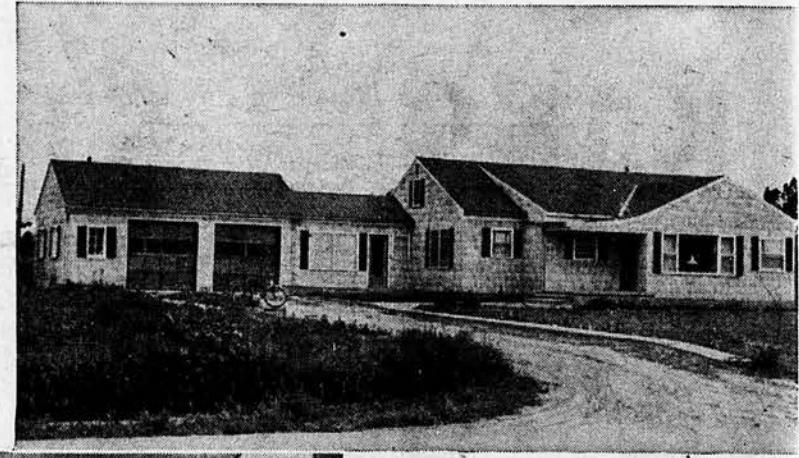
FREE . . . send for this illustrated booklet showing features and construction details. Write today!

SALINA CONCRETE PRODUCTS Company
1104 W. Ash Salina, Kansas

A MAGIC TRANSFORMATION



HERE IS THE old farmhouse the Clifford Preston family, Norton county, decided to remodel. It was a real mansion in its day but didn't fit modern farm living.



THE PRESTON HOME today looks like this. First floor of the old house was used as a starting point in the remodeling and addition job.



HOW ABOUT A SNACK, says Orvis Preston as sister Donna looks for the right answer. This modern U-type kitchen opens into a dining space and sewing center.

*A
Wonderful
Event for the
Entire Family*

KANSAS STATE FAIR

SEPT. 14 - 19

HUTCHINSON

KANSAS' GREATEST FARM & LIVESTOCK SHOW



FUN AND THRILLS

Amazing...thrilling riding devices...clean shows on the FUNLAND MIDWAY. Miles of thrills and miles of smiles.

AMPLE
PARKING
SPACE



EXHIBITS

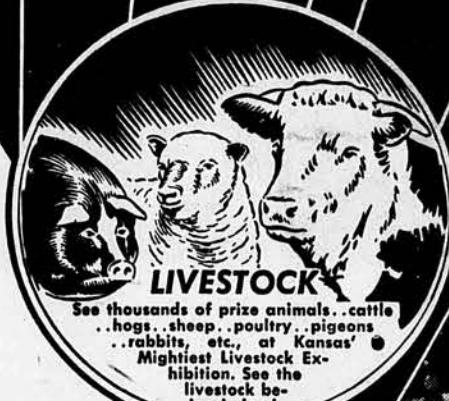
Hundreds of exhibits...the finest products of Kansas fields, orchards and gardens. 30 acres of farm machinery

CAMP OUT
AT THE
STATE FAIR
CAMPING
GROUNDS

ICE VOGUES OF 1952

24 Glamour-
icors!
28 All-Star
Acts!

Sunny, smiling symphony of speed and spectacle...company of 75.



LIVESTOCK

See thousands of prize animals...cattle...hogs...sheep...poultry...pigeons...rabbits, etc., at Kansas' Mightiest Livestock Exhibition. See the livestock being judged.

THE BOYS' AND GIRLS'
STATE FAIR

One of the greatest features...Junior livestock, 4-H Clubs State Encampment, Vocational Agriculture and Future Farmers State Camp. Over 3,000 youngsters exhibiting and demonstrating.

Kansas Farm Home and Family

FLORENCE MCKINNEY, Editor



Make Mealtimes Happy... For a Sick Child

By SALLY CONDIT

MARY, how on earth do you manage to keep Susie so happy when she has the measles? Tommy was a little dickens when he had them, especially at mealtime."

"Susie likes to eat when I fix a tray especially for her. It takes me a little more time, but she just loves it."

A cheerful tray, with appetizing food on it will bring a sparkle to any child's eye, boy or girl, while recuperating from an illness. There are 2 very important ideas to consider when preparing a tray. First, food must taste good, and second it must look cheerful and attractive to the eye.

Simple things that mean little or no extra work for the already busy mother, will bring a smile to the sick child's face. Gay, pretty dishes and colored napkins will make the tray look extra special.

Some small toy or trinket from the dime store, wrapped as a gift, or a pretty flower on the tray will make Junior or his little sister look forward to the next meal with enjoyment.

These little attentions mean a great deal to a child and require little or no extra work for a busy mother. And that's as it should be for her work is increased where there is illness.

When mother has a few minutes to spare she can make a fruit rabbit that will appeal to members of the younger set. Use a firm, round apple for its body and a ripe apricot or plum for its head. Toothpicks are fine to hold these fruits

together. Use fresh figs for the ears and a marshmallow adds a soft white tail to your bunny.

Even more important than food or tray is companionship for the child. If mother or father can stay with the child while he is eating, his meal will be more pleasant.

When your small son or daughter is nearly well, it often helps to invite a small friend in to share the meal. You've no idea the good effect a pretty little girl or a junior-size Van Johnson will have on your offspring. After the meal, the 2 can discuss all the things that small-fry have in common. You must choose wisely and pick someone who will not unduly excite your own child. Time for the visit must be limited so your convalescent won't get overtired.

A change of view often will perk up a child's lagging interest in food. Let him eat from the big chair in the living room for a special treat.

And now, let's talk about the food. In 90 per cent of all children's illnesses, those that have their origin above the neck, there is little or no sense of taste or smell. This fact makes it doubly important for food to look good, so as to interest them in eating it.

Also, as illness slows the digestive process, it is wise to give the child only small servings of food. Large servings often look like too much for the convalescent to tackle!

Hot food should be served hot, and cold foods served cold. Nothing [Continued on Page 27]

SANDRA, daughter of Mr. and Mrs. R. A. Bigsby, Riley county, convalescing from the flu, drank her fruit juice, then opened a gift package of hair ribbons and barrettes.

Ma's Favorite Flowers

My ma picked violets in the spring
And sowed petunia beds.
She planted coxcomb for to bring
A host of feathery heads.
I reckon she knew everything
To brighten old homesteads.

Now, ma was one to fuss a bit
About her favorite flowers.
Oftimes she chose to sit and knit
Thru summer twilight hours
And mark each moth that chanced to flit
Around her favorite bowers.

Her hollyhock had giant stalks,
Her canna grew so tall
Primroses thrived along the walks,
Shrubs hid the garden wall.
Ma's garden was the kind that talks
From early spring 'till fall.

Come fall, ma's dahlias took the prize
Down at the county fair.
They were a sight to bug the eyes,
Most every color there,
And some of them immense in size,
Ma's dahlias sure were rare.

But best I liked ma's hardy mums
That stayed till winter's blast,
Their scent refreshed like camphor-gums,
Their beauty held so fast...
As gay as songs a gypsy strums,
The best is always last!

—By George Nicholas Rees.

THE RECIPE CORNER

PIE FOR A SUNDAY or holiday is this coffee-eggnog pie, garnished with shaved chocolate.

COFFEE-EGGNOG PIE is our top favorite this time. It's a pie for a holiday or Sunday dinner. You may make it ahead of time for it's to be served cold.

Coffee-Eggnog Pie

1 packet unflavored gelatin
1/4 cup cold coffee
1 cup hot coffee
1/4 cup sugar
1 egg, separated
1/2 teaspoon vanilla
1/2 cup heavy cream
dash of salt
1 (8-inch) baked pie shell
1/2 square unsweetened chocolate

Soften gelatin in cold coffee. Then add hot coffee and sugar and stir until dissolved. Beat egg yolk and pour coffee mixture into it. Chill in refrigerator until consistency of unbeaten egg white. Add flavoring. Whip cream and fold in. Beat egg white with salt and fold in. Pour into pie shell and chill until set. Just before serving, garnish lightly with shaved chocolate.

Black Walnut Drop Cookies

1 cup shortening
2 cups brown sugar
2 eggs
3 1/2 cups all-purpose flour, enriched
1 teaspoon baking soda
1 1/2 teaspoons salt
1 teaspoon cinnamon
1/2 teaspoon nutmeg
1/2 teaspoon ginger
1/3 cup milk
2 cups broken walnut meats

Cream shortening well, then add brown sugar gradually, blending well. Add eggs and beat until smooth and fluffy. Sift flour, measure and sift with soda, salt and spices. Add dry ingredients gradually to batter alternately with milk, blending well. Add nuts with last addition of dry ingredients. Blend and drop by teaspoonfuls 2 inches apart on ungreased cookie sheet. Bake in moderately hot oven (400°) for 10 to 12 minutes. Yields approximately 7 dozen 2 1/2-inch cookies.

Happy School Days

Parties in early fall about school days are lots of fun. Our leaflet, "An Old-Time School Days Party," suggests 2 games followed by a short playlet requiring 8 women or girls. Very little rehearsing is necessary.

Another 3-page leaflet, "A Kid School Party for Grown-Ups," contains a clever invitation and suggestions for decorations and several games for a hilarious time. For either leaflet or both, write the Entertainment Editor, Kansas Farmer, Topeka, and enclose 3c for each copy desired.

Molasses Drop Cookies

1 1/4 cups brown sugar
6 tablespoons molasses
1 cup melted fat
2 eggs, beaten
1 cup canned pumpkin
3 1/2 to 4 cups flour
1 1/2 teaspoons baking powder
1 1/2 teaspoons salt
1 teaspoon cinnamon
1/2 teaspoon cloves
1/2 teaspoon ginger
1 1/2 cups raisins
1 cup broken nuts
1 teaspoon soda
1 tablespoon hot water

Combine brown sugar and molasses and stir well. Add melted fat, the eggs and canned pumpkin. Blend together. Sift flour, measure and add salt, baking powder and spices. Sift again. Add gradually to first mixture and blend together. Add raisins and nuts and stir well. Put soda in hot water and beat in mixture. Drop by spoonfuls on ungreased cookie sheet and bake in moderately hot oven (400°) for 10 to 12 minutes.

Hats Need Cleaning, Too

Nothing we can think of gives a new look to last year's hat like a good cleaning and brushing. First step is to remove last year's wilted trimming. Then brush the hat like it's never been brushed before.

Then sponge it with dry cleaning fluid. Sponge the inside hat band the same way with a dry cleaner. Now it's ready for new trimmings you may add yourself or take it to your favorite milliner.

For a Sick Child

(Continued from Page 26)

is more distasteful to a child or grown-up, sick or well, than a "hot" dish that is now cold.

When a child is suffering from a severe cold, liquids play an important part in his diet. Don't overemphasize importance of milk, for it is slower to digest than other liquids. Fruit juices served in pretty glasses with colored straws will tempt many small children.

His favorite ice cream may be pink, strawberry, lime-green or any one of a charming variety of pretty colors. Ice cream, milk and cookies add a party touch to any meal. Colored sugar on cookies to carry out a color scheme will make any party meal complete.

Seasoning must be used sparingly and fried foods not at all. For a convalescing child, baked or mashed potatoes are better than fried. For a very special treat, serve cooked cereal with colored sugar on top. It's good and looks pretty, too.

Remember, small portions, a simple meal plus the surprise feature will make your sick child look forward to his next meal with pleasure. He'll eat it too, if it tastes good and looks pretty.

So Light! So Moist! So Delicious!

GOLDEN DATE CAKE

WITH FRESH ORANGE ICING



Betty Crocker's Double-Quick GOLDEN DATE CAKE

ONLY 4 MINUTES TO MIX!

FOR SUCCESS—do these first:

1. Have ingredients room temperature (70° to 75°). In hot weather, use milk and eggs directly from refrigerator.

2. Preheat oven to 350° (moderate).

3. Grease generously and dust with flour 2 round layer pans, 8 or 9 x 1 1/2-in., or one oblong pan, 13 x 9 1/2 x 2-in.

4. Measure level for accuracy with standard measuring cups and spoons.

5. Sift GOLD MEDAL Flour, then spoon lightly into cup and level off. Do not pack.

Sift together into bowl..... { 2 1/8 cups (2 cups plus 2 tbsp.) sifted GOLD MEDAL Flour

1 1/2 cups sugar
*3 tsp. double-action baking powder

*1 tsp. salt

Add..... { 1/2 cup Crisco
1 cup milk
1 1/2 tsp. vanilla

Beat vigorously with spoon for 2 minutes by clock (about 150 strokes per minute). You may rest a moment when beating by hand; just count actual beating time or strokes. Or mix with electric

mixer on medium speed (middle of dial) for 2 minutes. Scrape sides and bottom of bowl constantly.

Add..... { 1/3 to 1/2 cup unbeaten eggs (2 medium)
1 cup pitted dates, cut up fine after measuring

Continue beating 2 minutes more, scraping bowl constantly.

Fold in..... 1/2 cup coarsely chopped nuts

Pour batter into prepared pans or pan. Bake layers 35 to 45 minutes; oblong 40 to 45 minutes in moderate oven (350°), or until top springs back when lightly touched. When cake is cool, frost with Fresh Orange Icing (recipe below).

*If you use Gold Medal Self-Rising Flour (sold in parts of the South), omit baking powder and salt.

If you live at an altitude over 2,000 ft., write Betty Crocker, General Mills, Inc., Minneapolis, Minn., for recipe adjustments.

FRESH ORANGE ICING

For layer cake: Blend 3 cups sifted confectioners' sugar and 1/3 cup soft Crisco. Stir in 3 tbsp. orange juice and 1 1/2 tbsp. coarsely grated orange rind.

For oblong cake: Use 2 cups sifted confectioners' sugar, 1/4 cup Crisco, 2 tbsp. orange juice and 1 tbsp. orange rind.

This recipe specially made for GOLD MEDAL FLOUR

Yes, Betty Crocker's recipe for Golden Date Cake was tailored to fit the wonderful baking qualities of dependable Gold Medal "Kitchen-tested" Enriched Flour. So when you

use the flour that fits the recipe, you're sure to have a cake that's light, moist and delicious. Get Gold Medal Flour, today!



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MY CHILD IS SHY AND TIMID

By MRS. MARION QUINLAN DAVIS

My 6-year-old son is timid and shy. He does not make friends easily and to his father and me seems much too bashful. This worries us. Can you tell us how to handle this problem? —A Reader.

THE only way we can help any person is to love him, emphasize his good qualities, understand him and put ourselves in his place. He must be confident of our faith in him and we must strengthen that confidence by appreciation and praise for both his efforts and his accomplishments.

Shyness and timidity are refined forms of fear, which show in anxiety and withdrawal. It is his method of protecting himself against a threatening situation he is unable to comprehend and handle.

A Slow Process

Overcoming timidity is a slow process. There is no short cut and no substitute for time and effort. It requires calm silence and an indirect approach on the part of both parents to help a shy child develop self-confidence.

We can choose our husbands and wives, but the children born to us are a gamble. Every parent secretly hopes for a brave, strong son, but the wise man learns to take what he gets and not to expect perfection. A good parent does not get his feelings hurt or his pride ruffled because his son is not cut to the pattern of his dreams.

A happy and secure home life shared with parents who have a sense of humor and sympathetic common sense is the child's highest safeguard against all forms of fear. Parents who maintain their perspective know that "this too will pass."

The early fears of childhood change with the age. The average 2-year-old exhibits shyness and withdrawal in the presence of strangers. He often puts his finger in his mouth, clings to his mother's hand or hides behind her skirt or the curtains.

At 5 the child's outstanding fear is that he will be deprived of his mother . . . that she may go away or not be there when he awakens or comes home from school. Some even fear that their mothers will leave them forever. Only an irresponsible adult would deliberately prey on these fears by threats, deceit and broken promises.

When a boy becomes 6, the words "sissy" and "coward" loom large in his father's consciousness. Dad is so afraid his son will exhibit these traits that he may emotionally cripple a shy, timid boy by forcibly putting him in a swimming pool, making him participate in games and sports and forcing him to engage in fights. Forcing a child into any situation he fears does immeasurable harm. Calling him a sissy or a coward piles up daily misery and defeat. Timid, cowering, shrinking soldiers are made, not born . . . in the home.

Mother's who overprotect and overcriticize their children are fearful for them to take chances in play normal to childhood.

The example of a calm, steady, fearless parent, whose attitude and bearing express confidence, hope and security is the best preventive for fears in children. A child whose mother loves people, greets them warmly will be on the road to friendliness, no matter how shy he may seem to be. A shy child should never be required to speak to visitors or respond to their effusiveness. Under no circumstances should Johnny be explained or apologized for as shy. Attention should be centered on his accomplishments, not on him.

Lack Self-confidence

Because the shy child lacks self-confidence, it is important to discover his talents and encourage him to do and make the things he can succeed at doing. Never dwell on his moments of fear or his failures. Children hate to have their weaknesses, sayings and questions repeated to their mothers' friends and relatives.

Until he can hold his own in a few games and sports, let his father or older brother coach the boy in some skill he likes best. Make arrangements for him to win and succeed . . . this will take some planning on your part.

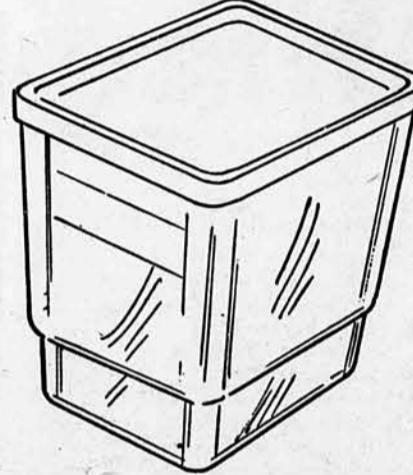
Invite one child at a time to the house, one his age and a like interest. When that contact has brought success, gradually increase the size of the

group. Children's parties are disastrous until the shy child has had practice.

The people we like best are those who make us feel we amount to something. Making fun of or ridiculing the shy child is cruel. Sarcasm is the weapon of a bully. The only reason we ridicule others is to make ourselves superior. Bolstering our own ego at the expense of a child is inexcusable.

Let the shy child talk freely, answer him kindly, listen to him with attention. All human beings need to feel important . . . because to a degree, most folks are shy and timid.

Plastic Boxes For Your Freezer



A freezer box of this type has several advantages, one of which is that it can be used over and over. Too, it has a special space near the top where the name of the contents and the date may be written. It washes off for the next time it is used.

It's made of strong, clear plastic which is fairly rigid, but the top is

flexible and airtight and is peeled off. These boxes come in 2 sizes and stack well in your freezer.

A second use and one which is important is their advantage as refrigerator dishes for leftovers and any other foods which require an odor-proof container. They may be bought at your favorite store.

Popular Leaflets

A Slumber Party—price 3c.
Golden and Silver Wedding Anniversaries—price 3c.

An Anniversary Centerpiece—price 5c. Appropriate service for club or any group.
Surprise Shower for the Prospective Mother—price 3c.

Write to Entertainment Editor, Kansas Farmer, Topeka, for these leaflets. Your order will be given prompt attention.

The Way to His Heart

For years I tried my love to tell
In lovely words poetic.
Unspoken they were beautiful;
Aloud they were pathetic.

Now at long last I've found a way,
And progress I am making.
It's easier my love to tell
With good old-fashioned baking.

—By Marjorie M. Griffiths.

New Honey Recipes

We have just compiled a large number of recipes which use honey. Knowing honey is widely used and enjoyed, we believe you will be interested in having a copy. Send 6 cents to the Home Service Editor, Kansas Farmer, Topeka, Kan. Ask for Honey Leaflet.



QUICK METHOD BREAD

DISSOLVE 2 packages RED STAR Special Active Dry Yeast in ½ cup warm water (110° to 115°F.). Let stand. SCALD 1 ¾ cups milk and pour into large bowl with 3 tbsp. sugar and 1 tbsp. salt. BLEND together and cool to lukewarm. STIR yeast-mixture well and pour into the bowl. MIX IN half the sifted flour (total amount used will be 5 ¾ to 6 ½ cups), with 2 tbsp. soft shortening and beat until smooth. ADD more flour a little at a time, until dough is quite stiff and cleans sides of bowl.

Turn onto lightly floured board. KNEAD 5 to 10 minutes until smooth and very elastic. Place in lightly greased bowl, turning once. Cover with damp cloth and let

rise in warm place about one hour, or until dent remains when finger is pressed deep into side of dough. PUNCH down dough. (To save time, second rising may be omitted.) Turn over and let rise again about 30 minutes, or not quite as high as before.

Turn out onto lightly floured cloth-covered board. Divide in two and shape into loaves. Place in lightly greased bread pans, 5x9x3-in. Cover with damp cloth and let rise in warm place 30 to 45 minutes, or until dent remains when side of dough is pressed gently with the fingers. BAKE in pre-heated hot oven (450°F.) 25 to 30 minutes or until well browned. Remove from pans and cool on racks. Makes 2 loaves.



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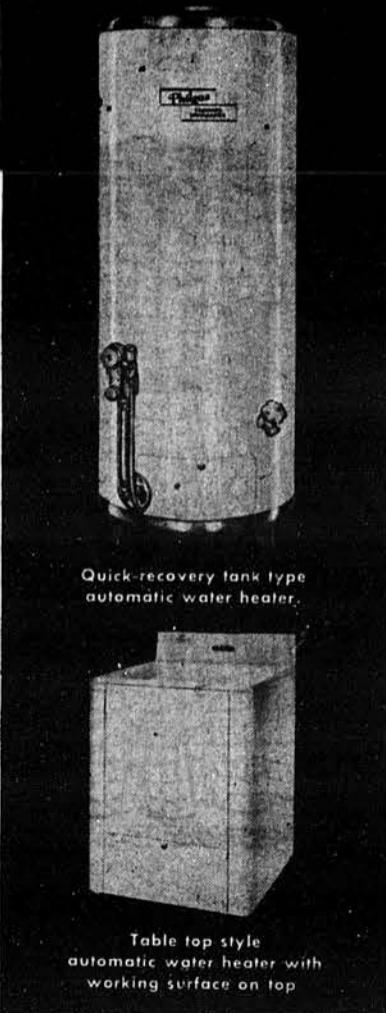


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Marketing Viewpoint

LEONARD W. SCRUBEN, Feed Grains
LAWRENCE W. VAN MEIR, Livestock

How do I sell a warehouse receipt issued by a terminal or sub-terminal elevator and who should handle the sale? Also, how does the warehouse receipt change hands?—O. C.

When a warehouse receipt is issued by a local elevator, and a loan is obtained, the normal process for paying off this loan and selling the wheat to the elevator is to have the check sent directly by the elevator to the bank holding the loan documents. The bank in turn, sends the warehouse receipt to the elevator. Any excess proceeds from the sale of this wheat over the amount of your loan would be credited to your account.

It is customary that wheat stored in a terminal location can be sold by you notifying your local elevator who shipped the grain for you. Usually, the local elevator operator will contact the commission firm to sell your warehouse receipt. The proceeds from this sale can be transferred to your local bank for crediting against the warehouse receipt if the grain happens to be under loan. If the grain is not under loan, the warehouse receipt would merely be mailed by your local elevator man to the commission merchant for purchase.

Where the local elevator man does not offer this service, as you state in your letter, it will be necessary for you to contact the commission firm handling the warehouse receipt.

Because of the dry weather this summer my corn will not materialize. Can you recommend a program that will allow me to utilize the forage?—G. E.

Your corn stover could be utilized in a winter full-feeding program with very little risk of loss. Common feeder cattle weighing 650 to 700 pounds can be bought for \$20 to \$32. These cattle could be fed for 6 months and marketed next April at a weight of 900 to 1,000 pounds.

The price for this grade of cattle next April will be \$23 to \$25 or possibly more depending on whether the animal raised the market grade of the animal. 1952 was the first year in 30 years of prices on record in which the price of common slaughter steers in April was actually lower than the price of common stockers in October. For all other years the price of common slaughter steers in April was from \$1.80 to \$10 above the price of common stocker steers in October. A 6-months winter full-feeding program using common stocker steers should make profitable use of undeveloped corn forage this winter.

Flying Farmers Go To U. S. Meeting

About 25 Kansas Flying Farmer planes made the trip to Auburn, Ala., August 28 to 30, for annual national convention. A total of 58 Flying Farmers made the trip. Mrs. Bud Elkins, Wakefield, Kansas Flying Farmers Queen, competed for national honors.

Lisle Longsdorf Is Honored

A Kansas agricultural editor has been honored for 25 years of service in his field. Lisle Longsdorf, Extension Editor, Kansas State College, received a certificate of service at the recent 1952 annual meeting of the American Association of Agricultural College Editors, at Clemson, S. C.

Enjoyed Information

I enjoyed very much your interesting fertilizer items in your August 16 issue of *Kansas Farmer*.—Glen Frazer, Brown Co.

Likes Remodeled Barn For Grade-A Milk Parlor



LLOYD RINGER, Sedgwick county dairyman, pauses at the door of his newly remodeled milking parlor. Walls are of galvanized iron panels that can be washed with a hose. Mr. Ringer solved his problem of keeping parlor clean with a minimum of work.

MAYBE you would like to remodel an old barn into grade-A milking parlor, but wonder whether you could make it meet grade-A standards. Well, you ought to see what Lloyd Ringer, of Sedgwick county, has done with an old horse barn. This barn originally was a 12-stall affair. He cut the milking parlor part down to 6 stallions, using space formerly taken by the other 6 stalls for a washroom and milk room, including a walk-in-type cooler. The cooler was required because he sells bottled milk.

Solves Big Problem

"My big problem," says Mr. Ringer, "was to find materials that would meet sanitary requirements. I also wanted materials that would meet my standards for keeping the barn clean with a minimum of work."

In milk room and washroom he finally decided on unpainted asbestos board wall panels. They have a slick finish and can be washed down with a hose. "I may have to paint the walls after a year or 2 but they are suitable at this time," says Mr. Ringer. In both of these rooms, too, he used a metal lath baseboard and then concreted over it to give a rounded bottom for easy cleaning. Concrete floors, of course, are in all 3 rooms.

For milking parlor the ceiling was made of plaster board and walls were covered with galvanized-iron panels. "I can clean the whole place now with

a hose," says Mr. Ringer. "It certainly beats the constant job of whitewashing and is better for the cows."

One thing he found was that the remodeled barn was many degrees warmer in winter and cooler in summer.

"But the best part is that we can't produce enough milk now to meet the demand," says Mr. Ringer. "We are on a pickup route and the driver always wants more milk than we have because of the low bacteria count. It was really a worthwhile improvement."

Mr. Ringer's son, Ronnie, is in partnership with him in the business.

Use Salt Spout

For convenient soap dispenser or container for rice for my cupboard, I cut the cardboard top from a salt box which contains a pouring spout, fit it on a pint or quart jar and fasten it with the rim from a 2-piece jar lid. It's so convenient and the jars may be painted if desired.—Mrs. C. W.

Child's Indoor Play

A box of puffed-wheat cereal and toothpicks will keep a child occupied for hours. All sorts of interesting animals and figures can be made by pushing the cereal on the toothpicks, bending and arranging into different shapes and positions.—A. B.

No. 3 in Series of farm biographies
of agricultural "greats" . . .

FREEMAN G. CARY

Freeman Grant Cary, founder of the first American college to give real attention to agricultural matters, was born April 7, 1810, at Cincinnati, O., and died in 1888.

In 1833, at College Hill, O., he founded a college following his graduation. There were 28 pupils the first year, about 300 at the height of its success. In 1846 the college was named Farmers' College. Freeman Cary was its president, serving also as a professor. The institution had support of farmers in the surrounding country. They met and agreed to erect suitable buildings and let Mr. Cary have use of them. They obtained a charter from the state legislature and a great number of its students in the early years were farmers of the area. Laboratories were erected for analysis of soils and fertilizers. Practical demonstrations were given in raising different varieties of trees, shrubs, fruits and vegetables.

Due to Civil War aftereffects the college enrollment gradually diminished. Later its founder moved to a farm near Hamilton, O., where he pursued his own agricultural interests.

Another "first" attributed to Freeman Cary is the first American college journal of agriculture. "The Cincinnatus" was a publication of Farmers' College, came out in 1856. It was a 64-page magazine, devoted to matters of agricultural education, rural economics and rural science and living.

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JACK GOES TO NORWAY

I visit a 4-H Club, see city sights, inspect a home ec school, go to my 2nd farm

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

DEAR MR. GILKESEN: (Trondheim, July 27, 1952)—Here is another letter from an IFYE from Kansas to Norway. I left my first farm in Norway a week ago and am now on my way to my second farm which is located in North Trondelag near Steinkjer, Norway. The day before I left the Asle Ringnes farm the Ringnes family and I visited his father-in-law's farm which is about 8 miles from the Ringnes farm. The son of the family was in America last year with 21 other young Norwegian men. They were classmates at the same agricultural school near his home. Part of the cost of their trip abroad was paid for by various Norwegian farm organizations and their agricultural school. This farm youth and 3 others purchased a car while in the U. S. and drove from New York to Los Angeles and back. During most of his stay in America he lived on different farms in Vermont. He also visited University of Maine for awhile. The farm on which he lives here in Norway is much the same as the Ringnes farm: some timber with the rest being mixed farming.

Like Our Farm Bureau

The next morning Katy Adkins and I took a bus to Gjovik where we met Marjorie Hattan and Robert Miller. That was the first time we 4 American IFYE's in Norway were all together. We were invited to Gjovik to attend the annual meeting of the Norges Bygdeungdomslag, N.B.U., (The Norwegian Rural Youth Union). It was founded in 1945, in close connection with the Norwegian Farmers Union and the Norwegian Country Women's Union, and works much along the same lines as a young Farm Bureau group in Kansas. Objectives of the union are to work for general and vocational education of rural youth and for economic and social programs out in the country. Both young men and women can be members, there is no age limit, neither are they required to be a member of any parent organization. N.B.U. has 140 local clubs, with about 15,000 members with an average age of 20-22 years.

Main activity of N.B.U. has, so far, been in the way of numerous competitions. Rules for such competitions have been prepared for about 20 kinds of practical work, such as plowing with horse and tractor, milking with hands and machines, judging of horses, cattle, sheep, goats, plant seed, and competition in setting of table, weaving, sewing and canning. Also N.B.U. sponsors 4-H Club work.

Many Countries Represented

Friday evening we attended a banquet which was much the same as any large banquet in America. The 4 of us sat at the speakers table with other delegates from Iceland, Netherlands, Denmark, Sweden, Finland, England and Norway. Katy Adkins gave a short speech of appreciation for our group. After attending a dairy cattle judging contest the next morning we were taken to Lillehamer, a small town north of Gjovik where we visited an outdoor museum. Maihaugen museum



Jack Grier

consists of old buildings brought in from a farm up the valley. They were replaced exactly as they had been on the farm, some of the houses being 500 years old.

Sunday evening we visited a 4-H Club near where the National 4-H camp was held. We made a tour of some of their projects and attended a meeting. The name of the club is the "speed" 4-H Club, with enrollment of 16 members. While looking at the secretary's record book I noticed it was like ours in America except for language. The Norwegian 4-H Club pledge is similar to ours; translated it means "I promise to work, to be a good youth, with clear head, warm heart, cleaner hands, and good health." For part of program, 2 girls sang "Mr. and Mississippi," first in Norwegian, then in English.

The next morning we traveled to Oslo by train where we spent 2 days seeing various sights of the city. We stayed at the Viking Hotel, largest hotel in Scandinavia, just completed before last winter's Olympic games.

Peaches 50 Cents Each

Tuesday morning we visited a home economics school on the outskirts of Oslo. At that time there were 130 girls enrolled making up 4 different grades. The school is much the same as a home economics school in America. One of the kitchens we were in is equipped with large cooking utensils to teach girls to cook in hotels and hospitals. They also have many classrooms throughout the building where classes are held. At a research laboratory a girl was checking the vitamin C content of various potatoes which had been sent by an agricultural school. It is important that potatoes have high vitamin C content to offset a deficiency of it during late spring months. This deficiency is due to the lack of fresh fruits and vegetables. I purchased 3 peaches at a fruit stand in Oslo at a cost of 50c apiece. Each girl prepares meals in a small kitchen for a short length of time. This gave them practice in preparing meals in the home, whether in city or country. A nursery gives students an opportunity to learn child care; some children are orphans but most are borrowed from a family for a period of one year.

After we left the home economics school, Miss Ausloug Engnaes took us (Continued on Page 33)

COMING, NEXT ISSUE

A new meat-pie, a new way for preparing garden beets, a blueberry slump and some other new, tested recipes will be included in the home department of the next **Kansas Farmer**. Watch for "Something New for Fall Days." We believe you will add one or more to your permanent file of recipes for future use.

NOTES FROM THE
BEET SUGAR KITCHEN
by Nancy Haven



This relish recipe will get you out—way out in front with flavor. Grand with hamburgers—any meats.

Cucumber-celery Relish

RELISH
2 lbs. (4 med.) cucumbers
1 1/2 lbs. (10 med.) onions
1/2 lb. (2 med.) green peppers
1 lb. (1 med. bunch) celery
1 (4-oz.) can pimiento, drained
3/4 cup salt
4 cups cold water

Wash vegetables; peel onions; remove any blemishes, seeds and cores. Put cucumbers, onions and green peppers through coarse knife of food grinder; measure 4 cups cucumbers, 3 cups onions, 1 cup green pepper. Finely slice celery; measure 3 cups. Dice pimento. In a large bowl dissolve salt in water. Add prepared vegetables. Let stand 4 hours. Drain thoroughly.

SYRUP
7 cups Beet Sugar
4 cups white vinegar
1 tbsp. whole celery seed
1 tbsp. whole mustard seed

Put syrup ingredients in a large preserving kettle. Bring to a boil, stirring until sugar is dissolved. Stir in drained vegetables; simmer 10 minutes. Pack into hot, sterilized jars; seal at once. Makes about 4 pints.

To remove seeds
Cut the cucumbers in half lengthwise; run tip of teaspoon down centers.

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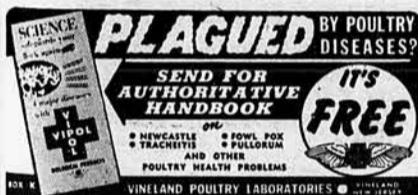
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Hastings, Nebraska Manufacturers

to the agricultural film office where we saw a color film on Norwegian 4-H. When the movie was over we were free to do as we pleased so we attended a theater at which an old American movie was playing.

The day before, a man at the American Embassy had taken us on a tour of the city. We visited the Kon-Tiki museum; since 1947 it has housed the raft on which Thor Heyerdahl and 5 companions drifted, a prey to wind and weather, nearly 5,000 miles across the Pacific Ocean from Callas, Peru, to the Raroia Islands, Polynesia. The expedition proved Mr. Heyerdahl's theory that Polynesia could have been settled by people from South America, and not from Asia as generally believed.

During our last day in Oslo we visited a large creamery located a few blocks from our hotel. It is the largest creamery I have ever seen, is equipped with modern machinery much like any large creamery in America. Milk is hauled in from the farm in 10-gallon milk cans which are picked up by trucks on various milk routes. During the winter when they have a shortage of milk they obtain more by rail from as distant a place as North Trondelag. In the summer when they have a surplus of milk they produce a large amount of various kinds of cheese. Two of the things that amazed me most at the creamery was automatic bottle filler and capping machines and huge wooden churning in which butter was made.

That afternoon Marjorie Hattan left by train, and Katy by boat, to travel to their second farms, located in Southern Norway. Next morning, Robert Miller and I took a main train from Oslo to Trondheim. It took us 12 hours to reach Trondheim after seeing many mountains and a few waterfalls. The train traveled for a distance of about 60 miles above the timber line which made traveling very cool. We also went thru many tunnels, one of which was about $\frac{1}{2}$ mile long. Tomorrow I take a train from Trondheim to Steinkjer to reach my second farm, located about $1\frac{1}{2}$ ° latitude below the Arctic Circle.

So long for now from your Kansas eskimo, Jack Grier.

Hold Model Farm Soil Field Day

A Model Farm Conservation Field Day will be held September 10 at the Carl Gorges farm, about 2 miles south of Andale in Sedgwick county. Event will be from 10 a. m. to 3 p. m.

Mr. Gorges started a complete Soil Conservation program in 1945, practices were applied and expanded, and today he is reaping benefits. Visitors will see all these practices, hear speeches, including one by Secretary of Agriculture Charles Brannan, and one by Mr. Gorges. Other activities will include free airplane rides by the Kansas Flying Farmers, special radio entertainment, other program features.

Loss to Kansas

Kansas lost 2 of her master farmers by death during August. They were G. E. Blasdel, of Sylvia, and J. E. Stout, of Strong City.

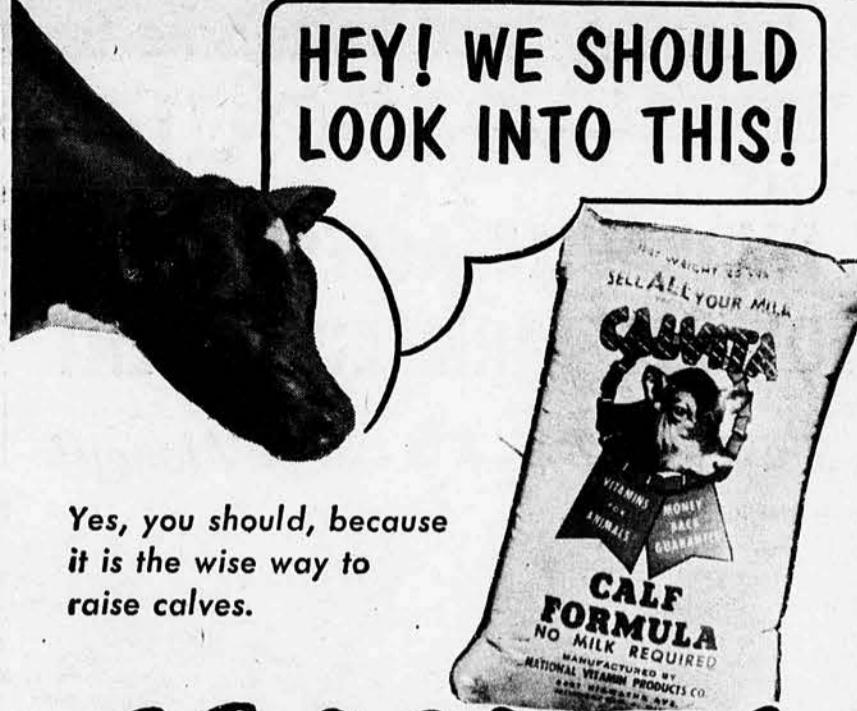
Mr. Blasdel, member of the 1933 class of Master Farmers, was one of the pioneer farmers using the theory that "farming is a systematic business just as is industry."

Mr. Stout, member of the 1932 Master Farmer class, was a former member of the state legislature and at the time of his death was vice-president of the Strong City Bank.

Bigger Grain Profit

How to keep your small grain better with new equipment is told in a new folder on improved farm grain storage thru aeration. Butler Mfg. Co., Kansas City, Mo., makes this folder available to you, with no cost. Write Farm Service Editor, Kansas Farmer, Topeka, Kan.

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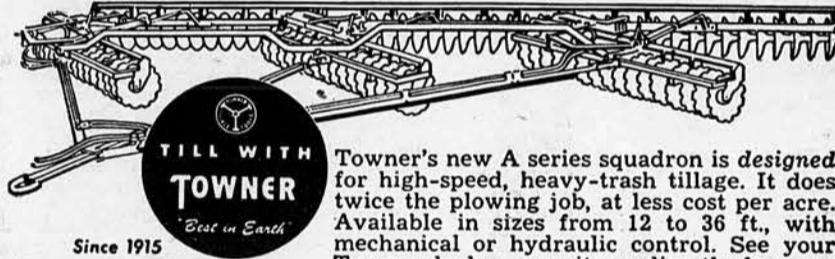
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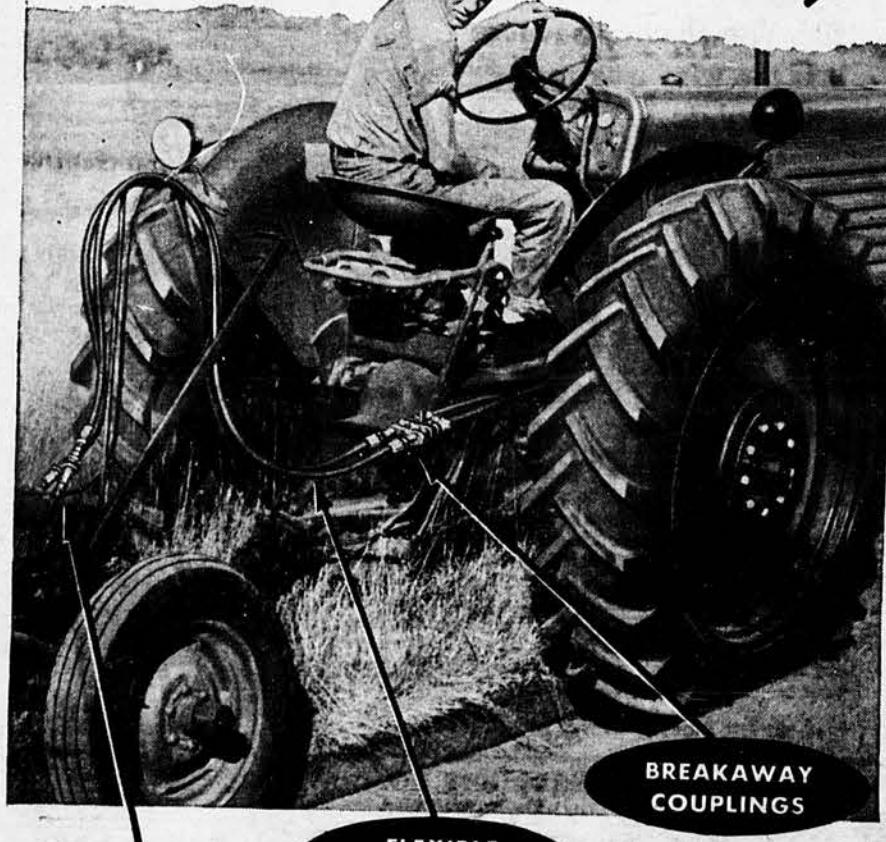
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COMING, SEPTEMBER 20

Old Settlers picnics have played an important part thru the years in making rural life more interesting. In the September 20 issue, Kansas Farmer editors will tell you about a typical Old Settlers picnic in Western Kansas. It will bring back memories of those you have attended. Don't miss it!

Bindweed Is Worst Weed Reports State Supervisor

FIELD BINDWEED still leads as worst weed in Kansas, and seems destined to continue in that spot, according to Vernon Woestemeyer, state weed supervisor. Along with it, Russian Knapweed, hoary cress and Johnson grass top the list as the state's most serious noxious weeds.

A big eradication job has been done, but new infestations of bindweed are being established each year, mostly spread in feed and seed. Chlorate and borate are most active control measures known and do a thoro job on about all of the major noxious weeds except hoary cress, which responds better to 2,4-D. County weed supervisors spent, in 1950 alone, \$146,380 for 2,4-D for noxious weed control and nearly as much, \$141,318, on sodium chlorate, \$51,210 on borate. Much more was actually spent by farmers on their own in an effort to restore almost worthless land taken over by these pests. While 2,4-D won't eradicate the weeds in many cases, it helps reduce stands, often to the point they are not an economically limiting factor.

First Thing to Do

But better than eradicating these weeds after they are established, Mr. Woestemeyer emphasized, is stopping infestation before it is established. Bindweed and others are common and serious in states north of Kansas. Noxious weed seed is often brought in feed oats. Buying and using clean seed is probably the biggest thing we can do to control, especially Canada thistle, leafy spurge, and perennial sow thistle, he said. Oklahoma is realizing the importance of this control now and is setting up a bindweed law patterned after ours.

Field bindweed and Johnson grass are pretty general over the state, Johnson grass being confined mostly to bottomlands. Russian knapweed and hoary cress are established in the northeast, along with other unwanted visitors in

cluding Canada thistle, leafy spurge and sow thistle. Dogbane is in scattered patches in the eastern half of the state.

A growing problem in Central and Western Kansas is bur ragweed, often called legume weed. It first appears in depressions in wheat fields and gradually spreads to uplands. 2,4-D will reduce the stand but not eradicate it.

A serious annual weed coming more into public study is goatgrass or jointgrass, common in the Wheat Belt, the expert stated. Like cheat, it ripens and shatters just before wheat harvest, so the annual seeds are carried over each year with the grain. By delaying wheat seeding in Central Kansas and cultivating just before seeding, Mr. Woestemeyer said, goatgrass seedlings are killed and the weed kept under control. Success of this method depends on having enough moisture present to germinate goatgrass seeds in time. A rotation of wheat with a spring-seeded crop—sorghum is good—or clean cultivation 2 years in a row will stop most of the weedy grasses.

Aerial spraying of pastures for weeds such as buckbrush, vervain, ironweed, sumac, blackjack has been given some trials in the state and 2,4-D seems effective, altho not a complete control in one season. Experiments on pasture weed control are being carried on, but no recommendations have been released as yet, Mr. Woestemeyer said. He emphasized that best control is maintaining fertility, avoiding overgrazing and mowing to stop weed growth. In normal years, pasture growth will then crowd out weeds. If in a drouth year weeds win the battle, Mr. Woestemeyer recommends that individual farmers use basal spray treatment or cut woody plants and treat stumps, then reseed and fertilize. Farmers in Southeastern Kansas find it is best to leave some growth on pastures while reseeding is taking place, to hold soil and protect grasses until they can get a start.

ATTRACTIVE WRAPOVER

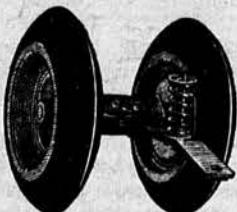


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Where Will We Get It?

FOR THE LAST 10 YEARS, population of the United States has increased 2 million a year. At that rate, says Bureau of Reclamation of U. S. Department of Interior, we will have 20 million more people to feed by 1960, by 1975 there will be 50 million more!

More land will have to be brought into production. Where will we get it? New land can be won in several ways—drainage operations and irrigation are 2 chief ones. Large areas of barren desert are being made fruitful and productive regions. Also, "There are in the 17 Western States some 17 million acres of fertile, irrigable land which are not now irrigated, but for which water could be made available under existing development standards and laws.

Here's Half the Answer

If these areas can be brought into production, they will provide the equivalent of 35 to 50 million acres of ordinary western cropland. It is presently believed much more land can be irrigated and the 'potentially irrigable' area soon may be reckoned at nearer 50 million acres than 17 million. This means the U. S. will reach the half-way mark in the total of 100 million acres of new cropland needed to support those 50 million extra people in 1975." The bright spot here is that if new cropland is irrigated land, acres needed can be sharply reduced because each acre of irrigated land produces, on the average, 2 to 3 times as much as ordinary unirrigated western cropland.

U. S. population is moving westward, and there the battle for new land must be won. From 1940 to 1950, population of Western States increased 24.9 per cent; that of the remainder of the U. S., only 11 per cent.

Be-Busy 4-H Club Is 25 Years Old

Members of Be-Busy 4-H Club in Riley county celebrated with a 25th anniversary reunion picnic-party August 31, at Manhattan City Park.

Kansas Farmer for February 17, 1945, brought you a feature story on this outstanding 4-H Club, told how enterprising members revamped an old schoolhouse into a 4-H Club-Community House.

KABSU Expands Service Program

The Ark Valley Artificial Breeding Association of Arkansas City recently became the 62nd county association to co-operate with the Kansas Artificial Breeding Service Unit, organized only 26 months ago on state-wide basis.

The 62 local organizations have more than 9,000 dairy farmer members with 54,000 dairy cows. The KABSU has a stud of the 6 dairy breeds. Recent KABSU records show artificial service gives 10 per cent higher results than can be expected on the average with natural service. Karl Farmer, manager, states KABSU has hit new highs in volume as well as efficiency this summer.



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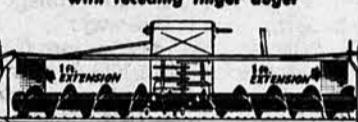


This field-proved attachment extends the sickle ahead and upward six inches, providing ample space for tall stalks to fall into the trough and under the auger. The upward slant prevents heads from falling off in front of the sickle bar. Installation is simple . . . no cutting, welding or holes to drill. Engineered and precision-built to fit your combine.

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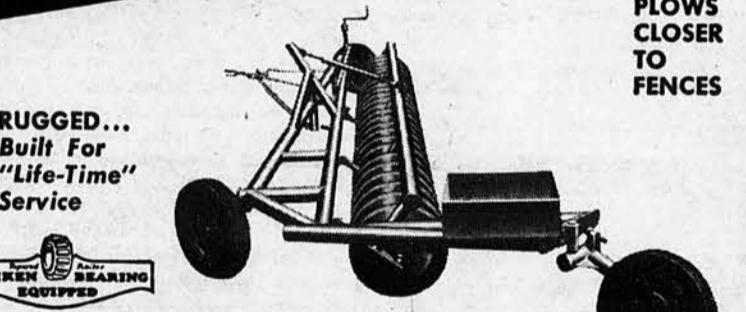
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When Folks "Holler" About Food Prices They Can't Blame Farmers

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

FOOD PRICES, Wall Street Journal reported, get a lot of lift from some non-food influences. And goes on to say at mid-July, retail food prices were highest in history. . . . "There have been some rises since then. Some of the upward pressure certainly springs from the drouth's pinch on farm-animals feed. . . .

"But note the Government index of wholesale prices of farm products—mostly food—is not at any record high. It's 6 per cent under its March, 1951, peak and even a hairline under its July, 1952, level. Much of the retail rise is accounted for by such things as higher handling costs and higher freight rates. The steel price rise may jack up the price of cans a bit in mid-September. It may boost 1953 food prices by raising the cost of farm machinery."

Bureau of Agricultural Economics, in its Marketing and Transportation bulletin, puts it this way:

"Charges for marketing farm-produced food established a new record in June, which was 7 per cent above the level of June, 1951.

"Nearly all this increase was reflected in higher retail prices, as farm prices of food products averaged about the same as a year earlier. Total retail cost of foods in the market basket was 4 per cent higher than a year ago.

"With marketing charges higher and the level of farm prices practically unchanged, the farmer's share of the dollar consumers spent for farm-produced foods was 48 cents in June, 1 cent less than in the same month of 1951."

View Marketing Charges

The BAE looks for marketing charges to continue above the 1951 level. Hourly earnings of employees in food marketing enterprises averaged 6 per cent higher in May than a year earlier. Recent changes in rail freight rates mean higher costs of shipping food products. Freight charges on foods have increased four-fifths of 100 per cent in 6 years; quantity that could be shipped a given distance for one dollar in first half of 1946 now would take \$1.78 (average); if it was meat, the present rate would be \$1.88 cents plus of the 1946 rate.

But freight is not the only food-cost item that has gone up. Actually, it is one of the smaller items.

Take labor costs. "Total cost of all labor engaged in marketing farm-food products was estimated at 13.2 billion dollars in 1951 compared with 9.3 billion dollars in 1946 and an average of 4.2 billion dollars in the period 1935-39," BAE states. "Most of the increase reflected higher wage rates rather than an increase in the number of laborers. In 1951, about 4.6 workers were engaged in marketing farm products, only slightly more than in 1946 and about 28 per cent more than in 1935-39."

Stanley W. Phillips, economic analyst for the BAE, reports on price spreads for white bread. Here is how the consumer's bread dollar was divided in 1951:

	Cents
Farmers	19
Grain elevators, transportation agencies, manufacturers	5
Flour mills	5
Bakeries	60
Grocers	11

"Altho farmers' prices for wheat have declined substantially from the record level reached in January, 1948, prices of bread have risen further and are at an all-time high," Phillips reports. "The increase in price of bread can be traced largely to the higher costs of baking. Cost of milling flour and of transportation also have increased, but these items are of lesser importance in the retail price of bread." General expectation is that living

costs will edge forward in the fourth quarter of this year.

Looks now as if 1952 will set new records for man-days lost thru strikes. The steel strike having been settled at a loss to about everybody concerned, or thinking themselves not concerned, except to labor leaders, who increased their power over employers and their own members.

Strikes believed to be in prospect before the year ends, according to Babson's Washington Forecast, include coal, meat packing, rubber, copper, brass, aircraft, and electrical machinery.

That will mean higher labor costs, higher prices, until products are priced out of the market. Ultimately the balloon will collapse—but not before election, anyway.

Election Time Prediction

One of the best informed observers in Washington predicts confidently there will not be a repeat this fall of the declining farm prices that completed the political wrecking of Tom Dewey in 1948.

In 1948 President Truman charged falling prices to the Republican Eighteenth Congress, asserting the charter of the Commodity Credit Corporation written by that Congress prevented the CCC from acquiring and using storage space, particularly for corn. Investigations since, particularly by Senator Williams of Delaware, have shown the Truman charges were completely false. But Truman kept repeating the charges, and Dewey and his campaign headquarters were trying to escape any connection with the Republican Eighteenth Congress—and Dewey lost enough farm votes to lose the election.

Actually, Commodity Credit Corporation buying and storage policies preceding the election date in 1948 contributed largely to falling grain prices. But Truman was smart enough to realize if he charged it against the Republican Congress, his Republican opponents would be afraid to defend the Congress. And they were. And they didn't.

This time there is no Republican Congress to blame. Also, falling farm prices now could precipitate at least a mild panic. So farm prices will be sustained, rather than allowed to fall.

Incidentally, from the furore in the Eisenhower and Stevenson camps over Sen. Joe McCarthy during the fortnight before the Presidential candidates formally opened their campaigns, one might have thought the Wisconsin Senator, not Adlai nor Ike, was the main political issue this year.

Wisconsin holds its primary election September 9. In that state Democrats can cross the line and vote in the GOP primary if they wish. Left Wingers, Communists, Fellow Travelers, and others in this country who are willing to throw away tens of billions of dollars annually to "contain" Russian Communism abroad, but insist no bar be placed against their infiltration into high government positions inside the United States, have banded together to defeat McCarthy in the Wisconsin primary September 9.

So, the Left Wingers, et al, set out to get the heads of the two major political parties to "disavow" McCarthy and "McCarthyism." Both Eisenhower and Stevenson proved easy picking. But neither mentioned McCarthy by name.

Said Eisenhower in his new York speech to the American Legion—which had just adopted a resolution calling by name for dismissal of Dean Acheson as Secretary of State:

"First, let us never tolerate in any area of our community life those criminal malefactors who by stealth or by subversion or by treasonous betrayal attempt to weaken and destroy the American constitutional system. But,

at the same time, let us forever hew sharply to the fundamental principle that every man is innocent until he is proved guilty. The assassins of character and the promoters of witch hunts are dangerous to our freedom at home and to our world position of leadership."

Said Stevenson two days later:

"There are men among us who use 'patriotism' as a club for attacking other Americans. I give you, as a shocking example, the attacks which have been made upon the loyalty and motives of our great wartime chief of staff, General Marshall."

The Wisconsin senator had charged on June 14, 1951, that since 1942 Marshall had followed policies identical with those advocated by the Kremlin in Moscow. A year earlier he had told the American Society of Newspaper Editors in Washington that Marshall was "pathetic and completely unfit" to hold the job of Secretary of State.

Clean Corn

FOR MORE PROFIT!

COOK SHUCKER picking bed fits Case Model P, Case Model I (two row) New Idea No. 8—Farm Right Single Row and Semi-mounted Single Row Co-op. General Implement, Single Row. Be proud of your cribbed corn! Get the facts and complete information at once.

RUBBER HUSKER ROLLS Minnesota Rubber Corded—for most makes of corn pickers.

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COLUMBUS STEEL FABRICATING CORP.

Dept. KF-5

Columbus, Nebraska

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PEERLESS Portable - Stationary ROLLER MILLS CRIMPS-CRACKS All Feed Grains WITHOUT DUSTING

Giant 10-in. diameter Tuf-Cast, chromed rolls crimp or crack grains better, faster, with less power. 10 Portable and Stationary Models. PTO and V-Belt drive. Farm, Feeder and Mill sizes.

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60 Holes an Hour!

B.M.B. UTILITY DIGGER For all 3-Point hook-up Tractors

Now you can dig a hole without leaving your Tractor seat. This rugged, low-priced auger digs clean straight holes every time—even in the sandiest soils. An exclusive release clutch enables operator to raise the auger from the hole without turning—the hole is not torn down. Digs vertical holes on hillsides. Quickly attached by one man. Built to last. Write for free folder c/o Dept. K-8.

B. M. B. Company, Inc., Holton, Kansas

No. 7 in a series of interesting facts
about Kansas crops . . .

THE STORY OF OATS

By GORDON WEST

THE HISTORY OF OATS dates back to the Bronze Age, and it is believed their "home" is east of the Alps in Europe toward the Caucasus. The crop was cultivated in the temperate countries north of Greece and Italy more than 2,000 years ago.

As civilization advanced, seed was carried westward. Altho China is credited with being among the first to grow many crops, no mention is made of oats in the ancient literature of China, India, or other parts of Southern Asia.

Oats were first grown on United States soil in 1602. In England during the 1200's, oats were known as pilcorn. Today, the crop is grown in most parts of the world, and in nearly all of the United States. Some varieties even have been grown near the Arctic Circle! In Alaska, Golden Rain oats was recommended for general planting in crop-growing areas. Altho released primarily for production of grain, it was grown for hay and silage, too.

Oats belong to the same family of plants as corn, wheat, rice, barley and rye. Among varieties grown over the world are—yellow, white, gray, red and brown. Leading "oats" countries are the United States and Russia.

Herein lies the great importance of the crop as a cereal grain: (1) as a grass it makes excellent forage, fodder or hay; (2) as a grain it is one of the standard feeds for domestic animals, and is widely used as human food (porridge, breakfast foods); (3) by-products are sold to stockmen for mixing with other feeds.

Increase in Production

Oats production in the United States has increased greatly in the last 50 years. Total U. S. production in 1950 was 1,465,134,000 bushels compared to an estimated 1,372,248,000 bushels in 1951 and a total of only 943,389,375 bushels in 1899. In Kansas, oats production in 1950 was 21,120,000 bushels on 1,520,000 acres compared to an estimated 16,288,000 bushels in 1951, and 31,169,982 bushels in 1900 on 1,058,259 acres.

The large Bellwort often is called "wild oats." It is an attractive plant and is easily grown in a wildflower garden. Blossoms are a light tannish-

yellow and hang gracefully from the tips of the forked stem. From the "wild oat" came the term, "sowing his wild oats," and later the saying "feeling his oats," as a spirited horse "feeling his oats today!"

Many "new" products are being found daily from this "old" crop! The 1951 Yearbook of Agriculture of the U. S. Department of Agriculture comments furfural, made from oats hulls, has become a valuable solvent and chemical intermediate for refining mineral and vegetable oils. Using oats flour as an antioxidant or stabilizer in food products is increasing rapidly.

Uses for Oats Gum

"Oats gum, a fraction of the oats grain, has excellent possibilities for use as a stabilizer in ice cream," reports the USDA Yearbook. "Oatmeal has been used separately or with soaps for reducing skin blemishes and alleviating rashes and sunburns." Oats gum is used as a mild detergent—"put into bath water to treat certain skin diseases—a replacement for the oatmeal bag of grandmother's day."

"Oats hulls, in the diet of poultry, serve chiefly as a preventive against slip tendons and also for the development of feathering. They contain a dietary corrective property that checks cannibalism and feather picking in chickens. . . . About as much oats grain is now fed to domestic fowls as was fed to horses in the days before the automobile and tractor."

In the past few years, oats have been clipped in the early, succulent-growth stages—3 to 4 weeks after the plants emerge—for processing into highly nutritive "green-grass products" as feed for animals, pellets for men.

NAME WHO'S WHO 4-H OFFICERS



NEW WHO'S WHO Club officers for Kansas, announced at 4-H Club Round-up in Manhattan recently are, from left, Joan David, Winfield, secretary-treasurer; Byron Bird, Great Bend, president; Linda Rundle, Clay Center, vice-president. Announcement of a new key award for Who's Who 4-H Club members and given by Cities Service Oil Co., was made. Keys are to be presented at county 4-H Achievement banquets.



Classified Advertising Department

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 Inches	Cost Per Issue	Column Inches	Cost Per Issue
1/4	\$4.90	2	\$19.60
1	9.80	3	29.40

Minimum—1/2 inch.
Cuts are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.

Write for special display requirements.

Kansas Farmer, Topeka, Kan.

BABY CHICKS

DeForest Blueblood Chicks, broiler and egg breeds and crosses. Hatching year around. Broad-breasted Bronze, Delaville White Poulets. Guaranteed livability. DeForest Hatcheries, Box E, Peabody, Kan.

Rocks, Reds, Hampshires, Wyandottes, \$8.95: pullets, \$12.95. Leghorns, Austrawhites, Minorcas, \$8.95; pullets, \$14.95. Heavy assorted, \$6.95. Leftovers, \$4.85; Fryers, \$3.95. FOB 100% alive COD. Catalog free. Bush Hatchery, Clinton, Mo.

F FARMS—KANSAS

Extra Nice 160-Acre dairy or stock farm near Parsons. Quick possession, \$20,000. Mrs. Maids, Altamont, Kansas.

F FARMS—MISCELLANEOUS

New Strout Catalog—Just Out! Farms, Homes, Auto Cts., Businesses, 31 States, Coast-to-Coast. Red Cover, over 3400 bargains. Mailed Free. World's Largest. Our 52nd year. Strout Realty, 20-V West 6th St., Kansas City 6, Mo.

F FARM EQUIPMENT

Booms All-Purpose Wagon Unloader. Inexpensive, easily attached to your present wagon. Unloads five tons in seven or fourteen minutes. Free literature. Booms Silo Co., Harbor Beach, Mich.

Wire Winder. Roll and unroll barbed wire with tractor power and speed. Low cost. Free literature. Midwest Wire, Dept. 28, South St. Paul, Minn.

Ford or Ferguson 24" Hus-Kee Tractor tool box. Heavy steel. Low priced. Order from dealer or write Metal Box Co., Valparaiso, Ind.

The Handyman Jack stretches fence any kind, unloads wagons, lifts small buildings, cars, trucks, tractors, guaranteed. Price \$15.75 delivered. R. H. McIntosh, Distributor, Ridgeway, Mo.

Gigantic Surplus equipment sale. Amazing bargains. Savings to 70%. Farm engines, A.C. generators, winches, telephones, air compressors, paint spray outfit, weed spray outfit, water pumps, electric saws-drills, welders, chain saws, battery chargers, binoculars, contour levels, etc. Freight prepaid. Rush card, sale catalog. Burden Sales Company, 377 "O" Street, Lincoln, Nebr.

Cattlemen Use Nowaste cattle mineral, feeders. Dealers wanted. O. Zimmerman, Fairfax, Minn.

M MACHINERY AND PARTS

New and Used Tractor Parts. Write for big, free 1952 catalog; tremendous savings. Satisfaction guaranteed. Central Tractor Parts Co., Des Moines 3, Ia.

Complete Cornpicker Repair Parts Stocks for Farmrite, General Implement and Solstitial cornpickers. Husking beds and parts for Farmrite, G. I. and Case. Write for free catalog and nearest dealer. L. H. Schultz Manufacturing Co., Rochelle, Ill.

Bottle Gas, the Ideal Engine Fuel. Do you realize how much gas you lose by venting your tractor? Learn about the UL approved method of filling tractor tanks economically. Eliminates danger; saves fuel. Send postcard today for complete information, stating local gas dealer's name. No obligation. D. H. Krug Company, Dept. 132, Madison, S. D.

One-Way and Disc Grinder. Can be used in the shop, yard, or while machine is discing in the field. No dismantling. Cheap, simple and easy to operate. Write for circular. Hyatt Mfg. Co., Kimball, Nebr.

E EDUCATIONAL—BOOKS

Missouri Auction School. Term soon. Free catalog. Dept. 22, 3241 Paseo, Kansas City, Mo.

E EDUCATIONAL

AUCTION SCHOOL Learn Auctioneering America's Leading Auctioneers Teach You. Students sell actual Sales. Largest school in world. 19 years in operation. Don't be misled. Term soon. Free catalog. Write REISCH AUCTION SCHOOL, Mason City, Iowa

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F FOR THE TABLE

HONEY Mixed 60-lb. Can \$10.50

Extracted—Pure as bees can make it.
60-lb. Can Clover, FOB \$12.00
60-lb. Can Mixed, FOB 10.50
12-lb. Can Clover (Postpaid to 600 mi.) 3.85
12-lb. Can Mixed (Postpaid to 600 mi.) 3.50
Order Promptly—Supply Limited
HAHN APIARIES, 1715 Lane St., Topeka, Kan.

A AGENTS AND SALESMEN

\$50 For Spare Time selling only 100 exquisite \$1 Christmas Card Assortments. Exciting values sell on sight. Profits to 100% on complete line. Free Samples Personalized Cards, Stationery, Assortments on approval. Stuart Greetings, 325 W. Randolph, Dept. 837, Chicago 6.

D DOGS

Toy Fox Terrier Puppies. Can be registered. J. A. Dort, Pawnee City, Nebr.

Rat Terrier Puppies. Bred for ratters. Crusaders Kennels, Stafford, Kan.

Black English Shepherd Pups. Breeder for 25 years. H. W. Chestnut, Chanute, Kan.

R RABBITS AND PIGEONS

Earn Up to \$400 monthly raising Angora or New Zealand Rabbits. Plenty markets. Particulars free. White's Rabbitry, Newark, O.

P PETS

Young Parrots—Make fine talkers. Reasonable price. Herb Miller, 1911-N, Lubbock, Tex.

● WANTED TO BUY

Cash Paid for many old articles you no longer need. Lists, bargains, 10c. Rebit, Manitowoc, Wis.

Used Cunningham Steel Wheel Cutter Bar Mower. Reasonable. Box 615, Topeka, Kan.

● FILMS AND PRINTS

20 DECKLEDGE REPRINTS 50¢ 6-8 Exposure roll developed and printed 25¢; 12-exposure, 30¢; Jumbo prints 4¢ each. Request complete prices.

TINY'S PHOTO SERVICE Box 1068-KF Topeka, Kan.

Photo Christmas Cards

made from your negative, 16 cards and envelopes \$1.00—100 for \$5.75. If you do not have the negative send your photo and 35¢ extra. Copy and 10 glossy bills from your photo 65¢. 8-exposure rolls developed and printed 25¢; Jumbo size 35¢. Reprints negative size 3¢ each.

SUMMERS STUDIO, Unionville, Mo.

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

Jumbo Prints—8-exposure, 35¢. 12-exposure, 50¢. 16-exposure, 65¢. Reprints, 5¢ each. The Foto Farm, Dept. KF, Box 228, Norfolk, Nebr.

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

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

Your Picture on Photostamps certainly personalizes cards, letters, etc. 100 glossy Photostamps (gummed backs) made from your snapshot or negative. \$1.00 postpaid. Stewart's, 817 South 42nd, Louisville, Kentucky.

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

● SEEDS

Brome Grass Seed Wanted

Send samples stating quantity for sale.

MID-CONTINENT SEEDS, Inc.

422 N. Santa Fe Salina, Kansas

WANTED TO BUY

We are buyers of Brome, Timothy, Sweet Clover and Alfalfa Seed. Please submit samples and advise quantity for immediate bid.

F. A. MANGELSDORF SEED COMPANY 800 Main Street Atchison, Kan.

New Early Pawnee Wheat, usually 4-6 days earlier than Pawnee. \$4 bu. bulk, \$4.15 sacked. Francis Raleigh, Clyde, Kansas.

New Early Kankakee Wheat. Many other good varieties. Write Clark's Seed Farms, Sedgewick, Kan.

● REMEDIES—TREATMENTS

Free Book—Piles, Fistula, Colon-Stomach, associated conditions. Latest methods. Thornton & Minor Hospital, Suite C906, Kansas City 3, Mo.

● OF INTEREST TO WOMEN

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

Thrilling, Profitable Home Business. Make fast-seller, chenille monkey trees, dolls, flowers. Terrific holiday demand. Information free. Velva, Bohemia, 2, N. Y.

Home Sewers—Hobbyists Have fun, save money. Make beautiful handbags at home. It is easy. Results professional. For free literature write for "Home Handbag Construction" pamphlet. The McCord Corporation, Dept. E5, 188 William St., New York 38, N. Y.

Looking for Bargains? Send for Free money-saving catalog from famous 64-year-old mail-order company. Latest New York fashions. Cotton frocks from \$1.98; Rayon dresses from \$3.49; Genuine leather shoes from \$2.29. Everything for your family, home. Satisfaction guaranteed. Write National Bellas Hess, 239-09 Bellas Hess Building, Kansas City 9, Missouri.

● FEATHERS WANTED

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

● OF INTEREST TO ALL

Save Chicken Feed! Don't feed the sparrows high priced chicken-feed. My homemade trap guaranteed to catch them by the dozens. Easy to make. Plans 10¢ and stamp. Sparrowman, 1715 Lane, Topeka, Kan.

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

Livestock Advertising Rates

Effective February 1, 1951

1/2 Column inch (5 lines) \$3.50 per issue
1 Column inch \$9.80 per issue

The ad costing \$3.50 is the smallest accepted.

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

MIKE WILSON, Livestock Editor
912 Kansas Avenue

Kansas Farmer - - Topeka, Kansas

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

2-WAY PRICE PROTECTION FOR 1953!

Sinclair offers you 2-way price protection on the oils and greases you'll need next year. Just *order now*. Sinclair will deliver on the date you specify and give you this 2-way protection:

1. IF PRICES RISE
... You're ahead!

Sinclair protects you against any price increases throughout 1953. What's more, you're protected against any shortage that may develop.

2. IF PRICES DROP
... You're ahead!

If prices are reduced in 1953, you will benefit by the reduction. What's more, Sinclair requires no money down. Terms of payment can be arranged at time of delivery.

It's just smart farm management to order top-quality Sinclair oils and greases. And smarter still to take advantage of Sinclair's two-way price protection plan — now! Contact your local Sinclair representative.

SINCLAIR FARM LUBRICANTS



Keep us happy
with...

Contains Pyrethrum.
Kills stable flies, horse
flies, horn flies, gnats, mosquitoes
— repels most flying insects. Highest rating
"Grade AA" for Kill.

Order now for future delivery. Phone or write
local Sinclair Representative.

SAFE — CONTAINS NO DDT



HAVE YOU HEARD?



Notes on New Products and Folks Who Make Them

Hesse Company, Sioux City, Ia., announce production of their grain roller in 2 models geared to farm-size operations for processing grain. Model 109 has a capacity of 200 bushels per hour and Model 149, 340 bushels per hour.

in diameter, made of heavy, shock-resistant, 9-gauge, high-carbon steel. An 18-inch cut-out coulter and a stabilizer bar are furnished as standard equipment.

A Sturdy 20-Gallon galvanized refuse can makes an ideal rodentproof and moistureproof storage container for feed, says Wheeling Corrugating Company, Wheeling, W. Va. Can takes 100 pounds of feed easily.

Litchfield Model 90M Manure Spreader, tractor-drawn, has improved widespread design providing maximum pulverizing action and producing wide,



Both models are available in 3 different mountings to fit individual needs—stationary unit; portable skid unit and portable trailer unit. Hesse grain rollers may be driven by electric motor, gas engine or tractor PTO. Threshed or shelled grains can be rolled, cracked, crimped or crumpled into palatable feed for livestock. Eliminates dust and makes grains go further.

The 2-row Case Model "I" Corn Picker has new big capacity for hybrid fields. The company says the picker has these improvements to handle extra-long ears of hybrid and extra bushels per acre they produce—new improved studs, new gathering chains, new ear deflectors and big wide wagon elevator.

A One Way Plow has been added to the Dearborn line of farm equipment.

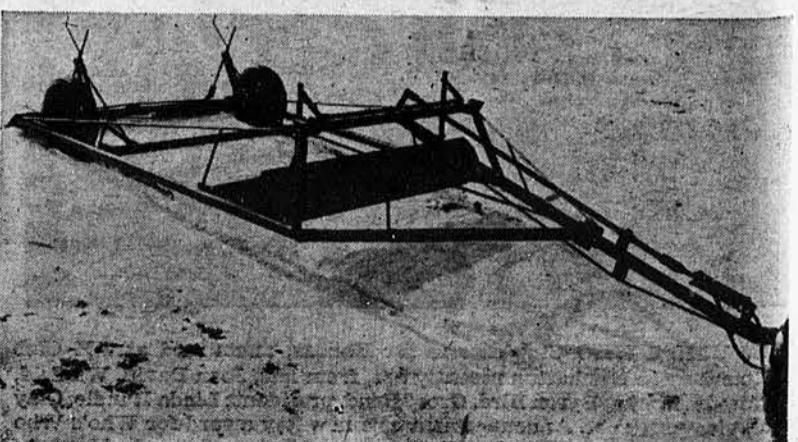
uniform spreading in all types of material. A wide, deeper box for increased capacity is another advantage, according to L. H. Schultz Mfg. Co., Rochelle, Ill., and Waterloo, Iowa. Model 90M has a low loading height with protected sides designed especially for manure loaders. Bottom is chemically treated to resist rot, swelling and warping.

Mobil-Disc Wheel-type tandem disc harrow is a new product of Farm Tools, Inc., Mansfield, O. It is a heavy, versatile harrow that provides profitable advantages. The 1600-pound weight of the unit and cut-out or grooved discs



provide complete depth control and superior trash-cutting qualities under the most difficult operation conditions. Mobil-disc performs successfully in sandy and loose soil. There are hydraulic-powered, pneumatic-tired wheels.

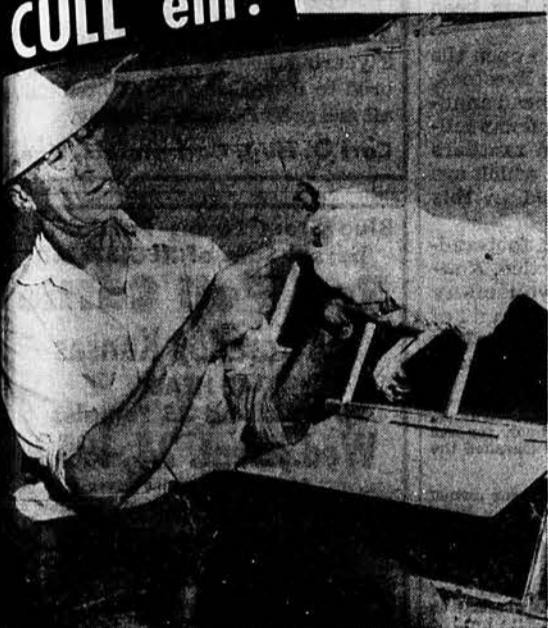
Soil Plane of Soil Mover Corp., Columbus, Nebr., is available in 2 sizes—No. 8 has 8-foot size leveling blade; No. 10 has 10-foot size blade. Both sizes are 24 feet long. Adjustable rear feather edger permits floating and finishing wet fields. Light draft means less power required to pull, says company. Hydraulic-operated leveling blade operates from tractor seat. Soil Plane uses ball hitch on swinging drawbar for short turns.



SOIL PLANE

How CULLING and GOOCHing Plan made 210 HENS Out-Produce 270!

CULL 'em!



CULLING CAN BE EASY!

—if you use the simple "Color-Culling" guide. You've probably wanted to "cull closely" but dreaded the job. But culling can be made simpler and surer now: Color of beak, shanks and eyes gives you a quick guide to how your hens are laying. Ask your nearest GOOCH dealer to give you the easy-to-use "Color-Culling" guide, that helps you judge hens at a glance.

GOOCH 'em! for Elmer Holmes, Plevna, Kansas!



GOOCHing Helps Them Lay

—because GOOCHing means feeding your hens the Feeder-Proved egg producer — GOOCH'S BEST. If you will cull the "non-layers" and GOOCH the rest you will be amazed at the production record your flock can reach. For GOOCH'S BEST Layer Feeds provide the protein, mineral, vitamin and antibiotic levels needed by your birds to produce up to the top of their bred-in egg laying capacity.

We'll Pay You to Prove to Yourself What CULLING and GOOCHing Can Do for You!

You have seen at the right what this simple "Cull 'em and GOOCH 'em" plan did for Elmer Holmes and other flock owners. These capable poultry raisers had all the important "big three" factors it takes to make egg production really profitable: Good birds, good culling to get out the "non-layers," and above all good GOOCH'S BEST Layer Feed. You, too, can do as well if you make use of this same combination, and have similar conditions.

And we will pay you to prove it! Here's what we will do: Your GOOCH dealer will give you 40 lbs. of GOOCH'S BEST Feeder-Proved Laying Feed for every hundred birds in your laying flock, if in return you will do these simple, profitable things:

DON'T FORGET YOUR
GOOCH
"RED CIRCLE!"

They are the bonus you get with every bag of GOOCH'S BEST Feed. Collect those "red circles" and trade them for valuable merchandise.



1. Agree to keep egg production records on your layers for 90 days after your flock gets into normal production.
2. To give continuous attention to Culling — and promptly remove the "loafers" and "non-layers" from your flock.
3. Start your hens with the purchase of 150 lbs. or more of GOOCH'S BEST Layer Feed per 100 layers.

Your dealer will give you your "bonus feed" (40 lbs. per 100 layers) immediately at the time you join up. He will also give you the official record forms to make recording easy, and the helpful GOOCH "Color-Culling" guide to take the guess work out of culling.

How can you lose with a program like this? We'll actually pay you to follow the sound Feeder-Proved Cull 'em and GOOCH 'em program that is bound to save you feed and help you get more eggs per layer. The average record keeper last year saved more than 210 pounds of feed per 100 birds, and still got more eggs. You should save more than 250 lbs. of feed per 100 birds, and still get more eggs. Don't forget in addition we give you 40 lbs. of feed per 100 birds. You, too, will agree that "Culling and GOOCHing" is the most profitable program for your laying flock this fall.

So... CULL 'em and GOOCH 'em with
GOOCH'S BEST
Feeder-Proved LAYING FEEDS

Lincoln, Nebraska

GOOCH FEED MILL COMPANY
Council Bluffs, Iowa

Salina, Kansas

Dalhart, Texas

Elmer Holmes' Record Shows:

He was getting only 65 eggs a day from 270 hens when he started "Culling and GOOCHing." Some of his hens were pullets. He did not cull heavily until they were in production, at around 150 eggs a day. Then he started to cull. At the end of his 90 day test he had reduced his flock to 210 hens, and the last week of the test he got an average of 183 eggs a day. Here's an amazing 87% production record which only culling, good birds, and fine feed could have made possible.



Read More Typical Records of these 2650 Flock Owners

Mrs. R. J. Magner, Galesburg, Kansas, started with 300 hens and pullets and finally got into full production at about 145 eggs a day average for a 48% production. She culled down to 240 and in the last week of the test after a 20% cull, was getting 168 eggs a day, boosting her hens' production to 70%.

Mrs. Carl D. Peters of Aurora, Nebraska, put 318 pullets in the laying house in September. Three weeks later those pullets were in production at 139 eggs a day. However, Mrs. Peters started culling and even though she brought her flock clear down to 280 hens the last week, she got an average of better than 200 eggs daily, for 72% production.

Mrs. Dale Cottrell, Melrose, Iowa, started with 195 pullets which got into regular production at about 61 eggs a day for only 32% production. However, she culled systematically down to 141 hens, and wound up getting an average of 79 eggs a day—18 more eggs daily from 44 fewer hens—a good reward for good management, culling, and GOOCHing.

Carl Bower, Eskridge, Kansas, kept production records on 240 hens. He was getting 129 eggs a day when he started Culling and GOOCHing . . . Culled steadily and systematically and finished with 192 hens and an average of 133 eggs a day for 69% production.

Of Course—These Successful Flock Owners Not Only Culled Their Flocks

— THEY GOOCHED THEM!



DUEY & KILMER POLLED HEREFORD PRODUCTION SALE

At the Hebron Sales Company Sale Barn

HEBRON, NEBRASKA



September 20, 1952

1:00 P.M.

62 HEAD

14 bulls. Many herd prospects and many range bulls. Also 11 bull calves. 24 cows and 13 open and bred heifers. Included in the cow group is good foundation stock carrying the service of Alpine Anxiety a polled son of F. F. Alpine Domino 7th. Cow group consists of Advance Domino Fairview and Anxiety breeding. All individuals are vaccinated for Bang's and not one has ever been a Tb. reactor. The entire group of cattle merits the breeder's time and inspection. We are selling our Real Leskan Domino herd sire. Our Real Plato Anxiety will be on display sale day.

For Catalogs and Other Information Write

E. F. and MABEL A. KILMER
Hebron, Nebraska

FRED C. DUEY & SONS
Chester, Nebraska

Charles Corkle, auctioneer

Mike Wilson for Kansas Farmer

Hereford Herd Reduction Sale SEPTEMBER 29, 1952 MARYSVILLE, KANSAS

SELLING 101 HEAD



25 Bulls, including bulls of serviceable age as well as a number of top calf prospects. You will want to look them over September 29. Females. A large selection of top breeding matrons from our cow herd are being sold because of drought conditions. Bloodlines are predominantly of Real Prince ancestry. Some excellent bred and open heifers are included in the offering, and there are a few select open Polled Hereford heifers. The bulls represented are Super Larry D. 95th; CK Crusty 70th, by the register of merit CK Cruiser D. 34th and CK Royal Duke 3d. His get and service will be a feature of the sale.

For catalog write Straight Creek Farms,

JOHN W. SPENCER, Whiting, Kansas

Freddie Chandler, Auctioneer

Mike Wilson for Kansas Farmer

Attend The RED POLL CATTLE Shows
KANSAS FREE FAIR, TOPEKA, SEPTEMBER 6-12
Judging Monday, September 8, 1 P. M.
M. J. Regan, Missouri University Judge
KANSAS STATE FAIR, HUTCHINSON, SEPT. 14-19
Judging Wednesday, September 17, 1 P. M.
R. L. Fetzer, Winnebago, Ill.
KANSAS RED POLL BREEDERS' ASSOCIATION

The Livestock & Classified Departments

In this issue of the Kansas Farmer merit your attention. You will find a world of useful information as well as bargains you can't afford to pass up!



In the Field

MIKE WILSON
TOPEKA, KANSAS
Livestock Editor

Lift Ban on Cattle Trade

After 6 years of fighting foot-and-mouth disease in Mexico, the ban against cattle trade between that country and the United States has been lifted.

Lifting the quarantine will open the border to imports of Mexican livestock. These totaled about 500,000 head annually before the ban. It also means millions of dollars to American ranchers who own thousands of head which are grazed in Mexico, then sold in this country.

Since the big outbreak of foot-and-mouth disease in 1946 in Mexico, *Kansas Farmer* has brought you many stories on eradication progress, and of the new laboratory to be built in the East to fight this dangerous disease.

JOHN E. AND THELMA TATE, Horton, recently sold a bull calf to Eugene F. Kramer, Easton. Bill Dixon, livestock fieldman for the Milking Shorthorn Society, recently classified the Tate's herd of Milking Shorthorns.

Thirteen registered Milking Shorthorns owned by RETNUH FARMS, Geneseo, recently have been classified by the American Milking Shorthorn Society. Animals were rated as follows: 1 Excellent, 8 Very Good, and 4 Good Plus.

Aim Raleigh Minnie, registered Jersey cow owned by RAY E. CUDNEY, Trousdale, has been awarded a Ton of Gold Certificate by The American Jersey Cattle Club. She produced 2,077 pounds butterfat more than a ton in 4 years, twice as much as the average dairy cow in the United States.

J. L. NELSON, Wichita, has made a Guernsey state champion record with his registered cow, Lola's Lois of C. D., with the American Guernsey Cattle Club. Her production of 10,996 pounds of milk and 584 pounds of butterfat is the highest Advanced Registry record in Kansas made by a junior 2-year-old milked twice daily for 305C days.

R. L. EVANS & SON, Hutchinson, are owners of Paw Line Dolly Whitey Gem, a registered Holstein-Friesian cow, who has completed a 365-day production test with the Holstein-Friesian Association of America. Her production was 609 pounds of butterfat and 17,439 pounds of milk. She was milked 2 times daily, was 6 years 7 months of age when testing period began.

Bo-Lan Mabel Korndyke Fobes, registered Holstein Friesian cow owned by HUGH BOWMAN, Larned, has completed a 348-day production test with the Holstein-Friesian Association of America. Her record was 636 pounds butterfat and 19,284 pounds of milk. She was milked 2 times daily, was 5 years, 7 months when she began her test period.

C. L. E. EDWARDS, Topeka, is owner of 3 registered Holstein-Friesian cows which recently closed their long lifetimes of high production totaling more than 100,000 pounds of milk for each cow.

Jolly Acres Queen Elba produced 101,659 pounds milk and 3,675 pounds butterfat on 2 milkings daily, in 2,668 days. Sunnymeade Kathryn Bessie produced 103,204 pounds milk and 3,649 pounds butterfat on 2 milkings daily, in 2,582 days. Sunnymeade Princess Count produced 118,163 pounds milk and 4,147 pounds butterfat on 2 milkings daily, in 2,937 days.

THE NEBRASKA REGISTERED SHEEP BREEDERS' 16TH ANNUAL SALE, August 1, was well attended and quite successful: 118 head of ewes were sold for \$7,460 making an average of \$41.21 per head; 82 rams averaged \$36.62 per head. Sale included Southdown, Cheviot, Shropshire, Hampshire and Corriedale sheep. Rams and ewes were distributed over quite a large area. This was probably one of the good sheep sales held in the Nebraska trade territory.

The EARL E. STOFFER registered and commercial Shorthorn sale at Abilene August 26 was considered quite successful. Cattle were sold off grass and were in rather thin flesh. Registered cattle averaged \$316 per head. Commercial cows and heifers sold from \$225 down per head. It was thought by everyone who attended that the feed situation in the Abilene territory was somewhat a disadvantage to the sale. Colonel J. E. Halsey, Des Moines, Iowa, was auctioneer.

THE AMERICAN SHORTHORN BREEDERS' ASSOCIATION, Chicago, is wanting to bring seller and buyer of feeder calves closer together. They are compiling a file of names and addresses of people who are raising straight or crossbred Shorthorns; and a file for people who like to feed Shorthorns. Producers and feeders of Shorthorn cattle are asked to report their names to the American Shorthorn Breeders' Association, Chicago 9, Ill. "So many people complain about their inability to buy Shorthorn feeder calves. We are going to try to facilitate better marketing for these cattle that will be advantageous for all concerned," reports Allan C. Atkinson, association secretary.

MR. AND MRS. WILLIAM THORNE, Lancaster, reports the recent sale of their Shorthorn herd sire Mercury's Jasper 2nd. This bull was bred and raised by Mr. and Mrs. Thorne, was purchased by Nathan Holmes II, Marshall, Va., for \$10,000. Mr. and Mrs. Thorne are well known throughout the Midwest for their high quality Shorthorn cattle. For a number of years they have been breeding state show and sale champions.

Beef Cattle

REG. ANGUS Cows and Heifers for sale. Bred to or sired by Prince Eric a good breeding grandson of Prince of Sunbeam. CHESTNUT & RAILSBACK, Quinter, Kansas

REG. HEREFORD BULLS

10 to 18 months old. Sired by: OJR Jupiter Star 12th, Domino Lad KTO 11th and F. Elation 22. Top range and herd bull prospects.

WAITE BROS., Winfield, Kansas

Bull—Registered Hereford

2 years old October. Call or write BUD FANNING, Zarah, Kansas 10 mi. west Kansas City on Hi-Way No. 10

Registered Hereford Heifers

8 yearling heifers, 5 two-year-olds, bred to Royal Domino 43 bred bull, all are good Domino breeding.

Carl O. Hug, Carbondale, Kan.

Blue Stem Farms Partial Dispersal Sale of REGISTERED

Red Poll Cattle

El Dorado, Kansas

40 HEAD

5 Bulls and 35 Females

Wed., Sept. 24, 1952

at 12 noon, under cover

Offering consists of 26 head of cows and bred heifers, some will have calves by sale date that will also sell. 6 open heifers. Several of these cows are A. R. Several of these sale entries will be in our show herd at Kansas Free Fair, Topeka, and Kansas State Fair, Hutchinson, this fall. These cattle are the results of 38 years of selective breeding, always keeping in mind the importance of the best herd sires obtainable. Come and see these cattle or write for catalogue.

G. W. LOCKE

El Dorado, Kansas Route 4

Choice 2-Year-Old Bred Box Brand HEIFERS

Located near Cottonwood Falls, Kan. Write or call EVAN KOGER, ROBBINS RANCH Cottonwood Fall, Kan., Phone 451

Registered Shorthorns

On account of health we are offering our select herd of registered Shorthorn cattle, consisting of herd sire, bred by Kansas State College, and fourteen females.



RALPH LUPFER

Larned, Kansas Phone 21F13

Established in 1907

BANBURY'S HORLESS SHORTHORNS

Senior herd sire Cherry Hill Hallmark, third in get of sire at Kansas State Fair in 1950. Scotch blood through Royal Clipper. For sale some of the choice of the herd, 20 young bulls and 20 young females. Some will be at the Kansas State Fair. Calfhood vaccinated. 9 miles southwest of Hutchinson, then 14 miles west on blacktop road.

J. C. BANBURY & SONS

Plevna, Kansas

FOR SALE

POLLED HEREFORD bulls and heifers from 8 to 16 months old, also 10 cows with calves and heavy springers. These cows are the same breeding as the 1950 and 1951 champion bulls at the State Fair. We will sell 'one on all.'

GEORGE L. RIFFEL & SON

Hope, Kansas Phone: Woodbine 1404

SCOTCH SHORTHORNS

Bulls for sale: Dark roan and reds, 8 to 16 months old. You will like the calves by our Tri-State Champion M V Prince Peter 15th. Watch for them at the fall fairs.

GLENN E. LACY & SON, Miltonvale, Kan.

TREND OF THE MARKETS

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

	Week Ago	Month Ago	Year Ago
Fed Steers	\$34.50	\$34.00	\$38.00
Hogs	21.50	23.35	22.35
Lambs	28.50	29.50	31.00
Hens, 4 to 5 lbs.	.22	.22	.24
Eggs, Standards	.43	.42	.52
Butterfat, No. 1	.70	.65	.63
Wheat, No. 2, Hard	2.41 1/4	2.36 1/4	2.47 1/4
Corn, No. 2, Yellow	1.85 1/4	1.87 1/4	1.73
Oats, No. 2, White	.98 1/4	.95 1/4	.89 1/4
Barley, No. 2	1.55	1.40	1.29
Alfalfa, No. 1	36.00	30.00	30.00
Prairie, No. 1	30.00	28.00	18.00

A well-planned farmstead
in Rawlins county is story of how . . .

A DREAM BECAME A REALITY



AERIAL VIEW of the new, practical, modern farmstead of Mr. and Mrs. Frank Spicka, 18 miles northwest of Atwood. Both farm-reared, this enterprising couple worked hard to reach their goal of a good farm.

EIGHT YEARS of careful planning by Mr. and Mrs. Frank Spicka made a dream come true—a beautiful, practical, all-white modern farmstead. The farm is located 18 miles northwest of Atwood in Rawlins county.

Frank Spicka came to Kansas in 1938 from Nebraska, viewed his fertile land of 320 acres. He dreamed to establish his home on this land in the near future, but first wanted to build a complete farmstead. Born at Weston, Nebr., he early learned to farm and accepted many responsibilities. In Kansas, he worked 3 years for an uncle, John Skolout, and learned many things about farming here. Ready now to farm, he tilled about 640 acres, 320 of his own and 320 belonging to his father. In 1941 he was married to Lenora Searl, farm-reared girl from Chase county, Nebr. Together, this young couple dreamed of making a complete farm a reality.

Face Many Problems

Hailstorms, war and hard work were among the problems faced during the 8 years of building. Due to lumber shortages, construction was not started when planned, so there was time for planning location of buildings and plantings. A miniature farmstead was erected, and studied on winter evenings. Plans for buildings are original, were drawn up by Mr. and Mrs. Spicka.

The farmstead consists of a 6-room house, with a basement of 4 rooms, modern in every respect. Cooking and heating are done with gas, and electrical power is supplied by the REA. Mr. Spicka feels he cut down on farming expenses when he purchased a propane tractor last year. In addition to raising wheat, he has from 50 to 70 head of cattle. A feeder barn holds around 100 tons of feed. A large, 3-car garage, 2 granaries and one insulated brooder house complete the buildings.

This farm couple decided to lay aside each year money for buildings, and no structure was started without complete funds to pay for it. When the farmstead was completed in 1949, it was paid for, with no financial worries in the future to bother the Spickas.

Landscaping has been done in the past year, with many evergreens being set out near the house, and in the yard. There is a nice windbreak north of



MRS. FRANK SPICKA stands at entrance of her newly-completed modern farm home in Rawlins county which she helped plan.

Wins \$150 Award

Winner of a \$150 Sears-Roebuck Foundation college scholarship is David Murdie, Meriden, Jefferson county.

The award is made for outstanding FFA work and high school leadership. The winner was president of his FFA chapter his senior year, also ranked in the Silver Division at the 1952 State High School judging contest at Kansas State College. In addition to high scholastic standing in high school, he was captain of both football and basketball teams. He has developed a herd of 9 registered Angus cattle and annually puts up 50 tons of hay as part of his FFA farming program. He plans to teach Vocational Agriculture.

FINE BOOKS AND PLANNED READING

Farm families, now more than ever, need the information and inspiration which can be found in fine books and planned reading.

—Theodore Waller.

CASH IN ON TOP POLLED BLOODLINES

Kerbs Partnership Dissolution
175 HEAD — 150 LOTS
SEPTEMBER 18, 1952

Sale will be at the ranch at

OTIS, KANSAS

Featuring our Herd Header, he sells as Lot 1



REAL PLATO DOMINO JR.

Real Plato Domino 123565-2839531	Plato Domino 1 97347-2350712	Victor Domino 14 Belle Domino 39
	Real's Lass 8 2488134	Real Prince Domino WHR R. Heiress 66
	Mischief Aster 74 2447829	Jealous Aster Domino Lass 7
Angila Aster 140322-3066794	Angila Domino 111876-2599030	Prince Domino 91 Victory Gem

We believe we have the ideal for a modern-type Polled Hereford bull in this 100% dehorner, Real Plato Domino Jr. Last December, a senior calf by him set a new high of \$12,500 at the Kansas Polled Hereford Association sale after winning the championship of the association show. As suits the needs of present day polled breeding, "Junior" sires only smooth headed calves. 24 bulls, 20 sired by Real Plato Jr. 40 bull and heifer calves, 3 to 7 months old. 37 yearling heifers most of them open. 50 heifers including 25 2-year-olds bred to Real Plato Jr., Captain Plato Jr. 1, and our junior herd sire Beau Mixer Demand. The heifer group are mostly sired by our chief sired "Jr." Captain Plato, Captain Plato 5, and Captain Plato 45. 22 cows, some with calves by Real Plato Domino Jr., and Captain Plato 45.

For catalog write VIC ROTH, Sale Manager, Box 702, Hays, Kan.

FRITZ KERBS & SONS, OTIS, KANSAS

Freddie Chandler, Auctioneer

Mike Wilson for Kansas Farmer

O'BRYAN RANCH

Registered Hereford and 4-H Club Auction

**Saturday, Sept. 27, 1952
Hiattville, Kansas**



Sale will be held at the home ranch located in the heart of the Midwest. It is about 125 miles south of Kansas City. Ranch headquarters 25 miles west of Fort Scott or 25 miles east of Chanute on Kansas Highway 39. Phone Helper 1226.

Selling 61 Registered Hereford Heifers

15 of these are polled and we will offer breeding service to some of our famous O'Bryan Polled Hereford sires. 50 Top Quality commercial heifers. 50 Steer Calves of choice quality that will make good projects. Young FFA and 4-H Club members are invited to attend this sale. 25 bulls—20 of these are polled. We are selling Noe's Baca Duke 105. He is a 1/4 brother to the \$65,000 Baca Duke 2nd.

Remember our Annual Registered Polled Hereford Production Sale, on October 28th

For Sale Information Write to the

O'Bryan Ranch, Hiattville, Kansas

Fulkerson & Watson auctioneers

Mike Wilson for Kansas Farmer

**Announcing Green Valley's
"TV" ANGUS SALE
Tuesday, Sept. 23—Liberty, Mo.**

(9 miles north of Kansas City, Mo.)

Selling 6 Bulls—58 Females

The females include 5 Maid of Burmers, 3 Blackcap Bessies, 5 Missouri Barbaras, 2 Jills, 1 Eulima, 2 Juanita Ericas, 1 Witch of Endor, 1 Georgina, 1 Zara, 1 Karana, and 1 Essay heifer. Sale Headquarters, Phillips Hotel, Kansas City, Mo.

Write Now for Sale Catalog to GEORGE DeHAVEN
526 Law Bldg., 1207 Grand Ave., Kansas City, Mo.
Auctioneers—Johnston and Sims
Mark Dempsey with this publication

**ANNOUNCING BLACKRIDGE & SUN-UP FARMS****ABERDEEN ANGUS
"PASTURE TO PROFIT" SALE**

at the Miller Farm at
Smithville, Missouri
19 miles north of Kansas City,
September 27, 1952

The offering includes 30 open heifers by sons and grandsons of Eileenmore 487th, 35 cows with calves or close to calving by Homeplace Eileenmore 34th, Eileenmore 37th, and Eileen-Barbara, Cridlan Evergreen, Blackcap, Blackbird and Queen Mother. For catalog write either: BLACKRIDGE STOCK FARMS, Wayne Ukena, Everest, Kansas, or SUN-UP FARMS, David & Margaret Miller, Smithville, Missouri

Two Big GUERNSEY SALES in NEBRASKA

LINCOLN
Sept. 19th



THE 2ND
Cornhusker Consignment Sale

50 HEAD

2 Bulls—20 Cows—28 Top Heifers
From the Top Herds in Iowa, Illinois,
Kansas & Nebraska

This sale features PRODUCTION and every animal has a Good Record. They were selected for Good Type. Some Top Club Heifers for next year's Projects.

Many Fresh & Springing Cows & Heifers.
MILK — MILK — MILK — MILK — MILK

Sponsored by
**THE NEBRASKA GUERNSEY
BREEDER'S ASSN.**

Write for Catalogues — E. E. (Al) VARY

Rt. 2

Sales Manager

Sterling, Ill.

BEATRICE
Sept. 20th

COMPLETE DISPERSAL**Wildhaven Farm Herd****60 HEAD—PUREBREDS**

4 Bulls—28 Cows—28 Heifers
Rich in McDonald Farms Breeding being

Lined up to
**FOREMOST PREDICTION &
NYHAVEN KING**

PRODUCTION TESTED—Good Records
Calves Vaccinated for Bang's

25 HEAD—GRADE

Cows & Heifers
Fresh & Springing Cows & Heifers
Calves for GLUB PROJECTS with WINNING

McDonald Inheritance
Plan to Attend these Sales

Milk — Milk — Milk — Milk — Milk

Sponsored by
**THE NEBRASKA GUERNSEY
BREEDER'S ASSN.**

Write for Catalogues — E. E. (Al) VARY

Sales Manager

Sterling, Ill.

**"REMEMBER"—This Date—SEPTEMBER 15 and 16
M.F.A. ARTIFICIALLY-SIRED
DAIRY CONSIGNMENT SALE**

200 Head Selling 200

JERSEY — GUERNSEY — HOLSTEIN

Both Grade and Registered Dairy Cattle Are Selling

Almost 50% of the sales offering are in production. Remainder of offering are bred heifers and open heifers over 8 months of age.

HEALTH—All Bang's and Tb. tested

SALE STARTS AT 10 A. M.

Ozark Empire Fairgrounds

Springfield, Mo. on Sept. 15 & 16

For Sale Catalog Write at Once to Sale Sponsors

M.F.A. ARTIFICIAL BREEDING ASSOCIATION

Telephone 62733
Auctioneers: Bert Powell and Tony Thornton

Box 591, Springfield, Mo.
J. Warren Nordyke, Manager

Selling One of "Burke's" Greatest Sons and Offspring

★
Monday

OCT. 6th

At Fairgrounds

Sale Pavilion

TOPEKA

Kansas

★

Watch for Large
Illustrated Ad in
Next Issue

The C. L. E. Edwards DISPERSAL

This is complete dispersal of every salable animal in the highly regarded Sunnymeade Herd developed for many years by Mr. Edwards. Herd is Tb. Accredited, Bang's tested, calfhood vaccinated, and is backed by 21 consecutive years in HIR Testing, with individual records running up to 712 lbs. on 2x. A rich opportunity in Foundation Holsteins.

65 REGISTERED HOLSTEINS

The main herd sire, Pabst Burke Lad Star (VG), a great plus-proven son of "Burke," from 735-lb. great transmitting dam in the famous Pabst Farms Herd. He, thirty of his offspring, and many females carrying his calves, all selling.

The junior herd sire, Pabst Roburine Admiral, 3-year-old son of Pabst Roamer from 730-lb. daughter of "Burke" and famous Lone Valley Senorita. Also selling: Daughters of Pabst Roamer and Pabst Roamer Dean Walker Lad. The Catalog sent by 1st Cl. Mail at 50c per copy.

A. W. PETERSEN, Sale Manager
OCONOMOWOO, WIS.

**Study Electricity
in Clay 4-H Clubs**

Electricity on the farm is getting workshop study by Clay county 4-H Club members, in a program similar to that many counties have planned for tractor maintenance. In fact, the electrical workshop class alternates Saturday night meeting dates with tractor maintenance classes, Bill Van Skike, 4-H Club agent, states.

Electrical safety, appliance operation and repair, fundamentals of wiring and specifications, lighting requirements including proper sizes and types of bulbs and shades—all of the practical phases of electricity—are studied.

In this, its first year in the county, the course has 16 enrollees, both boys and girls. Local appliance dealers and the C & W Electric Co-operative are assisting with the program in providing information and display materials. The local REA is having workbooks printed for the course and plans to award prizes for the best class record kept by one boy and one girl.

**Name New Who's
Who 4-H Members**

Names of 32 Kansas 4-H Club members elected to Kansas Who's Who 4-H Club are announced. Selected for outstanding activities, they were initiated into the club at the recent State 4-H Roundup.

New members are: Joan Trimmell, Garnett; Maurice Cashman, Jr., Powhattan; Raymond Olson, Willis; Ann Riggs, McCune; Lois Erickson, Leona; Virgil Norton and Marjorie Hargitt, Quinter; Alice Dengenhart, Dwight Dunham and Donald Moore, Copeland; Dale Bandy and Helen Sterling, Canton; Darlene Nelson, Bridgeport; Donna Bloomberg, Assaria; Carol Brost, Independence; Kay Hutchinson, Elaine Burns and Robert Peterson, Delevan; Bill Olson and Donna Schoof, Council Grove; Carol Thielen, Chanute; Mary Fickel, Earlington; Ray Schooley, Stark; Kenneth Folkerts, Timken; Betty Zweifel and Patty Shaffer, Waldo; Mary Harberer, Russell; Berta Olson, Luray; Lucille Attaway, Viola; Donald Hamilton, Wellington and Suzanne Dean, Bethel.

New officers are pictured on page 37 of this issue.

Pasture in Contest

Pastures will be in competition in Jackson county this next year for County Bankers Association awards. Dry weather has shown up need for better pastures, so in an effort to develop more carrying capacity, the association is sponsoring the pasture improvement program, starting with a survey this fall. Pastures entered in competition are to be reseeded this fall, using recommended seed mixtures, the land tested and treated accordingly and grazing properly managed. Plaques for 3 best pasture improvement jobs will be awarded on a tour next spring.

Four-man sponsoring committee includes Orian Williams, Hoyt, Leo Jensen, Whiting, bankers, and 2 state extension representatives yet to be named, County Agent William Guy announced.

New Water-Repellent

The new Ranetite No. 11 silicone-base water-repellent is for surface application to exterior, above-grade masonry and offers these and other advantages: easy to apply, quick to develop repellency after applying, clear and invisible, penetrates deeply to insure durability. Made by Ranetite Mfg. Co., St. Louis, Mo. For a booklet on this new material, write Farm Service Editor, Kansas Farmer, Topeka, Kan. No charge. Ask for Circular on Ranetite No. 11.

Dairy CATTLE**Ayrshire Dispersal
October 1, 1952**

Sale at 1:00 P.M.—State Fairgrounds

Hutchinson, Kan.
Owner, CHAS. ZIMMERMAN
Sterling, Kansas

50 HEAD

Herd has been on Herd Test and is classified. An Approved Dam that just finished a record of 13,391 lbs. milk and 551 lbs. fat and 4 of her daughters are selling as are a number of daughters of APPROVED sires. More Approved breeding than has ever been offered in any sale in the west. 21 cows and first calf heifers. 8 heifers close to calving, 8 yearlings and the rest heifer calves from 12 months to baby calves. Tb. and Bang's tested.

For catalogs write
G. FRED WILLIAMS
Rt. 2, Hutchinson, Kansas
Mike Wilson, auctioneer

**202 REGISTERED
AYSHIRES**

One of the largest Ayrshire Sales ever held in the Middle West. Sale dates September 29-30. These cattle have—

PRODUCTION—TYPE—BREEDING
All cattle Tb. and Bang's tested—Calves Vaccinated.

Owners
CLARK & BOYD
West Liberty, Ohio
For Sale Catalog write Sale Managers
AYRSIRE SALES OF AMERICA
Frank F. Dickey, Pedigrees, New Bremen, O.

For Sale — 5 Coming 3-year-old
AYRSIRE HEIFERS
To freshen first part of Sept. and Oct. A heifer calf and a bull calf out of an approved cow.
CHET-AYR FARM, Hillsboro, Kan.

A. Lewis Oswald
John C. Oswald

**Rotherwood
JERSEYS**

Hutchinson, Kansas

For Sale — Registered Jersey Bull
KNOLLWOOD DANDY SULTAN
Due to a change in breeding plans, we are offering for sale Knollwood Dandy Sultan, dropped Feb. 23, 1949. Sire: Philidor Standard Junior: Excellent Superior Sire. 17 tested daus. avg. 487 lbs. fat, 8,363 miles, 5.8% 20 class, daus. avg. 855. Dam: Pompus Dandy Sultan: Excellent R. M. 4-6,305, 11,378, 5.24%, 596. Tested dam, 3 daus. avg. 9,023, 5.8%, 530, D.H.I.A. 9 year avg. of 528 lbs. of fat. Price and pedigree on request.

SUNNY SLOPE JERSEY FARM
Thomas Tollefson & Son, Willis, Kan.

WISCONSIN DAIRY CATTLE

Choice Holstein, Guernsey and Brown Swiss Calves, Yearlings and Springing Heifers. Delivered to your farm C.O.D.
Dennis R. Grosse, York, Nebr., Bx. 48, Ph. 1415

WANTED
25 Head of purebred and high grade
BROWN SWISS SPRINGERS
Give breeding and production backing.
STEARNS FARM, Broomfield, Colorado

**CLOSING OUT SALE
September 24, 1952**

85—69 Highway

Overland Park, Kansas

South Edge of Kansas City

180 HOLSTEINS

40 cows, 60 springer heifers, balance all age heifers. 2 Registered bulls.

HUGH WHITE
Overland Park, Kansas. Phone HE2352

AUCTIONEERS

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

Get Your Entries in for These Sales at Beverly Stockyards, Salina, Kan.

September 24—Salina Registered Hereford Heifer Sale
October 1—Salina Hereford Feeder Calf Sale
October 29—Salina Hereford Feeder Calf Sale
November 5—Salina Registered Cow and Calf Sale
November 12—Salina Registered Hereford Bull Sale
December 2—Salina Registered Hereford Bull Sale

Salina is at the center of the nation's cattle industry and an ideal spot for buyers and sellers of cattle to get together.

For information on one or more of the above listed sales call or write:

GENE SUNDGREN, Sales Manager

Phone 7-2848

SALINA, KANSAS

P. O. Box 144

Dual-Purpose CATTLE

Dispersal Sale

OF

REG. MILKING SHORTHORNS

Saturday, September 27

1:00 P. M.—Fairgrounds

Hutchinson, Kansas

45 HEAD

Cows—Heifers
—Bulls—



This herd was started in 1941. The young cattle in this sale are sired by Wyncrest Robin, a son of the noted Flintstone Robin Hood.

Remember—This is a complete dispersal.

J. E. Kraus & Sons, Owners
Pretty Prairie, Kansas

For catalog write

C. O. Heidebrecht, Inman, Kan.

Public Sales of Livestock

Aberdeen-Angus Cattle

September 23—Green Valley T.V. Sale, George DeHaven, Liberty, Mo.
September 27—Pasture to Profit Sale, Smithville, Mo., Blackridge Stock Farm, Everest, Kan., and Sun-Up Farm, Smithville, Mo.
October 22—Blackpost Ranch, Olath, Kan. J. B. McCorkle, Sales Manager, Suite 3500 AIU Building, Columbus 15, O.
October 29—Kansas Breeders' Association Sale, Hutchinson, Kan. Don Good, Sale Manager, Manhattan, Kan.
December 8—Annual Commercial and Purebred Sale, Dodge City, Kan. Chester I. Bare, Sale Manager, Protection, Kan.
March 30, 1953—Kansas Special Registered Aberdeen-Angus Sale. Ericson, Thalman & Davis, Hutchinson, Kan.
April 9, 1953—Mid-Kansas Aberdeen-Angus Association, Hutchinson, Kan. Phil Sterling, Secretary, Canton, Kan.

Ayrshire Cattle

September 29 and 30—Clark & Boyd, West Liberty, Ia. Ayrshire Sales of America, Managers, New Bremen, O.
October 1—Charles Zimmerman, Sterling, Kan. Sale at Hutchinson fairgrounds, G. Fred Williams, Sale Manager, Hutchinson, Kan.
October 17—Kansas Ayrshire Breeders Production Sale, Hutchinson, Kan.

Brown Swiss Cattle

October 15—Tri-State Brown Swiss Association, Topeka, Kan. Ross Zimmerman, Sale secretary, Abbyville, Kan.

Dairy Cattle—All Breeds

September 15 & 16—M.F.A. Artificially sired female sale, Springfield, Mo. J. Warren Nordyke, Manager.

Guernsey Cattle

September 19—Second Cornhusker Consignment Sale, Lincoln, Nebr. Al Vary, Sales Manager, Sterling, Ill.
September 20—Wildhaven Farm Dispersal, Beloit, Nebr. Al Vary, Sales Manager, Sterling, Ill.
October 21—Kansas Guernsey Breeders' Association, Hutchinson, Kan. C. J. Gruber, Secretary, Newton, Kan.

Hereford Cattle

September 16—Clyde E. Holman, Registered Hereford Herd Reduction Sale, Richmond, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.
September 18—Fritz Kerbs & Sons, Otis, Kan.
September 27—O'Bryan Ranch Annual 4-H and Hereford Calf Sale, Hiattville, Kan.
September 29—John W. Spencer, Straight Creek Farms, Whiting, Kan. Sale at Marysville, Kan.

Shorthorn Cattle

September 29—C. M. Sheehy & Son, Richards, Mo.
October 2—Wendell Intermill, Mankato, Kan.
October 3—Frazer Hereford Farm Production Sale, Stet, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.
October 3—North Central Kansas Hereford Breeders' Show and Sale, Belleville, Kan. George C. Wreath, Sale Manager, Belleville, Kan.

Hilland Stock Farms

September 6—Hilland Stock Farms, Superior, Nebr. Melvin Schlemeyer, Owner.
October 6—Longmeadow Farm, Lee's Summit, Mo. Roy Buell, Cattle Superintendent.
October 7—Elise-Flinn, Garden City, Mo.
October 9—Bell Acres Ranch, Paxico, Kan.
October 13—Alva W. Creach, Warrensburg, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

Overstreet Cattle

October 16—J. R. Overstreet, Newton, Kan. (Larry Calf Sale at Eureka, Kan.)
October 18—CK Ranch, Brookville, Kan.
October 22—Twin Oak Farm, Moundridge, Kan.
October 25—Belden & Scheutz, Horton, Kan.
October 28—O'Bryan Ranch Annual Polled Hereford Sale, Hiattville, Kan.

Flint Hills Association

October 30—Flint Hills Association, Cottonwood Falls, Kan.
October 31—Ely Hereford Ranch, Attica, Kan.
November 1—4-K Sale, Hutchinson, Kan.
November 6—Lincoln County, Sylvan Grove, Kan.
November 7—Cowley County Hereford Breeders' Association Sale, Arkansas City, Kan. Charles H. Cloud, Sale Manager, Winfield, Kan.
November 11—Tonn & Fishburn, Haven, Kan.

November 11—Solomon Valley Hereford Sale, Osborne, Kan.
November 12—Central Kansas Polled Hereford Sale, Herington, Kan.

November 15—C. C. Tucker & C. A. Freese, Rochport, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

November 18 and 19—Sunflower Futurity, Hutchinson, Kan.
November 21—Golden Willow Polled Hereford Sale, Pittsburg, Kan.

November 24—Sumner County Hereford Breeders' Association Sale, Wellington, Kan. Paul M. Phillipi, Secretary-Treasurer, Argonia, Kan.

November 25—Frank Matheson, Natoma, Kan., and Jake Reich & Son, Paradise, Kan. Sale at Natoma.

December 5—South Central Kansas Hereford Association, Newton, Kan. Phil H. Adrain, Sale Manager, Moundridge, Kan.

December 6—A. R. Schlickau & Sons, Haven, Kan.

December 10—B-K Herefords, Longford, Kan. Sale at Minneapolis, Kan.

February 7, 1953—Dickinson County Hereford Association, Abilene, Kan.

Polled Hereford Cattle

September 20—Duey & Kilmer, sale at Hebron, Nebr.

October 8—Wm. Hargis, Belton, Mo.

October 20—Cowgirl Polled Hereford Ranch, Milan, Mo.

November 14—Mid-West Polled Hereford Association Show & Sale, Deshler, Nebr. Fred C. Duey, Manager, Chester, Neb.

Polled Shorthorn Cattle

October 27—Missouri Breeders' Association, Sedalia, Mo. Rollie E. Singleton, Secretary, Jefferson City, Mo.

Jersey Cattle

October 11—Kansas Jersey Breeders' Association All Heifer Sale, John Weir, Jr., Chairman, Guedo Springs, Kan.

October 13—Dispersal Sale, H. D. Plummer, Elk City, Kan.

Holstein Cattle

September 24—Hugh White, Overland Park, Kan.

September 29—C. M. Sheehy & Son, Richards, Mo.

October 6—C. L. E. Edwards Complete Dispersal, Topeka, Kan. A. W. Petersen, Sales Manager, Oconomowoc, Wis.

October 8—Kansas State Holstein Association Sale, Herington, Kan. R. L. Evans, Hutchinson, Kan. Chairman, State Sales Committee.

October 23—Central Kansas Breeders' Fall Consignment Sale, Hutchinson, Kan. T. Hobart McVey, Sale Manager, Nickerson, Kan.

October 24—Missouri State Breeders' Association, Lee's Summit, Mo. John Cooper, Secretary, Blue Springs, Mo.

October 27—North Central Kansas Holstein Sale, Washington, Kan. Earl N. Phillips, Chairman, Manhattan, Kan.

October 29—Nebraska State Holstein Association Sale, Lincoln, Nebr. Robt. Koehler, Fremont, Secretary. T. Hobart McVay, Sale Manager, Nickerson, Kan.

December 9—Lloyd C. Bacon High Grade Dispersal Sale, Cameron, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

Milking Shorthorn Cattle

September 27—J. E. Kraus & Sons Dispersal, Pretty Prairie, Kan. C. O. Heidebrecht, Sale Manager, Inman, Kan.

October 31—Kansas State Milking Shorthorn Society Annual Sale, State Fairgrounds, Hutchinson, Kan.

November 13—McPherson County Milking Shorthorn Breeders' Association Sale, C. O. Heidebrecht, Sale Manager, Inman.

Red Poll Cattle

September 24—G. W. Locke, El Dorado, Kan.

October 31—Annual Kansas and Missouri Red Poll Sale, Topeka, Kan.

Shorthorn Cattle

October 9—Guy Chapin Dispersion & Robert Crockett Reduction, Kinsley, Kan.

October 31—Mid-Kansas Shorthorn Breeders' Show and Sale, Salina, Kan. Mervin Aegeerter, Sale Manager, Seward, Nebr.

November 6—State Polled Shorthorn Sale, Hutchinson, Kan.

November 7—State Shorthorn Sale, Hutchinson, Kan.

Hampshire Hogs

October 21—C. E. McClure, Republic, Kan. (night sale), Bellevue, fairgrounds.

Poland China Hogs

October 20—C. R. Rowe & Sons, Scranton, Kan.

Duroc Hogs

September 29—C. M. Sheehy & Son, Richards, Mo.

October 11—Willis Huston, Americus, Kan.

Berkshire Hogs

October 13—Dean Funston and T. E. Frain & Sons, sale at Abilene.

Sheep

November 17—North American Suffolk Bred Sale, Oskaloosa, Ia.

October 13—Shropshire Sheep, H. D. Plummer, Elk City, Kan.

Good for Soil

Use of sawdust, shavings or chips for mulch, bedding and soil building is growing. The U. S. Department of Agriculture has 2 publications available on this subject. Address your inquiry to the Farm Service Editor, *Kansas Farmer*, Topeka, Kan., for a free copy of:

USDA Circular 891, "Use of Sawdust for Mulches."

USDA Leaflet 323, "Wood Chips for the Land."

Cowbird Is Worst

Bird Parasite

Altho his food consists mainly of insects and weed seeds, the cowbird is worst of all bird "parasites" and is little liked by bird lovers and farmers.

Because cowbirds often are seen in fields with cattle, watching for insects on animals and near them, this bird has obtained his unusual name. In early days cowbirds followed buffalo herds, so became known by Indians as buffalo birds.

Worst fault of cowbirds is habit of laying eggs in other birds' nests, then leaving them to foster parents. Cowbird eggs hatch sooner than those of the sitting bird, and young "adopted" bird is a big, greedy, rowdy who soon crowds out or starves real owners. Sometimes birds will leave an invaded nest containing cowbird eggs, or will seal it over and build new nest on top.

Cowbird is a member of blackbird family, usually is native of North America altho there are species inhabiting Central and South America. Males are a shiny black, with a chocolate brown head and neck. Females are a dull, brownish-gray color. Cowbirds do not pair, but live in flocks, never building a nest. Over 100 species of birds are burdened with more or less frequency by cowbirds.

Call of the cowbird is a shrill, grating whistle, sometimes followed by a few sharp notes. And with their habit of letting other birds rear their young, cowbirds appear to be assured of a permanent part of the agricultural scene.

Kansans Win U. S.

Skelly Ag Award

W. G. Skelly Agricultural Achievement Award for week ending August 30 went to Marvin and Beulah Pauley, Westmoreland, in Pottawatomie county. They received a \$100 U. S. Savings Bond, a gold lapel pin and a scroll.

The Pauley 200-acre farm is chiefly a meat-producing operation. Last year 37,520 pounds of beef were sold and 23,000 pounds of pork. Other productions include over 8,800 pounds of lamb and mutton and 1,600 dozen eggs. Since taking over the farm 16 years ago, the Pauleys have advanced soil conservation measures, other recommended farm practices. Both are active in civic and community affairs, also. A daughter, Mrs. Mervin Nord, was an active 4-H'er, helped organize the Cloverleaf 4-H Club.

For the Children

Why not have a circus party for the children? As much care and thought should be given to a children's party as when planning a grown-up affair. Our leaflet, "Suggestions for a Circus Party," will be found interesting and helpful for such a party. A clever invitation is included as well as several games and suggestions for refreshments. For a copy of the leaflet, write Entertainment Editor, *Kansas Farmer*, Topeka. Price 3c.

Get Good Paint

To prolong life of farm buildings and improve appearance of farmstead, apply good paint properly.

Leo T. Wendling, Kansas State College Extension engineer, advises careful inspection of paint labels before buying. One of first things to note on label is percentages of pigment and liquid in mixture. Durable paints should contain not less than 60 per cent pigment and no more than 40 per cent liquid by weight.

These percentages should not contain excessive amounts of low grade and transparent pigments and liquids. Best pigments include, for white paints, white lead, zinc oxide, leaded zinc oxide and titanium. For colored pigments, look for iron oxide, umber and Venetian red. Liquid used in paint should be most (preferably 90 per cent) linseed oil.

HOGS

Kansas Duroc Breeders' Assn.

BOAR & GILT SALE

4-H Barn Free Fairgrounds

TOPEKA, KANSAS

October 5, 1952

Show at 10 A. M.—Sale at 1 P. M.

50 TOP-NOTCH boars and gilts from disease-free herds.

For Catalog Write:

DEAN BELL, Secretary

Lebanon, Kansas

Bert Powell, Auctioneer

FOR SALE—200 head medium type

DUROC BOARS and GILTS

Willard Waldo, DeWitt, Nebraska

Berkshire Hogs Increase Net Profits

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

AMERICAN BURKSHIRE ASSOCIATION

601-M West Monroe, Springfield, Illinois

PUREBRED REGISTERED HAMPSHIRE

Bred and Open Gilts. A few very good spring

boards. Coccidioides immune and very good blood lines.

Priced right. JOHN GAREIS & SONS



THE TANK TRUCK



Left—Charley Robinson watches wranglers Tom Cassidy and John R. Steinhagen tie a yearling.

Right—Charley says Conoco HD Oil saved him more than \$250 in repair bills on one tractor!



What Can You Do With 15¢?

WHEN Charley Robinson arrived in Clyde Park, Montana from Ekalaka, Montana in 1937, he had 15 cents in his pocket.

He became a farm hand, and in eight years had saved more than a thousand dollars. Renting a farm, he invested his savings in machinery and stock. Soon he had bought his own farm. He started to lease additional acres.

Today, 15 years later, Charley Robinson has parlayed his 15 cents into 4,480 acres! Recently he produced 15,000 bushels of wheat and 5,000 bushels of barley in one season. He has 27 pure-bred Hereford heifers he is crossing with a Black-Angus bull. He also has about 100 grade cows. And his ma-

chine equipment now includes 3 tractors, a combine, 3 trucks, an automobile, and 7 other major pieces of farm machinery.

And that's what you can do with 15 cents... and with a lot of hard work and know-how!

You can see why his Conoco agent, Chester Barrow, was mighty proud to receive a recent letter from Mr. Robinson. It went like this:

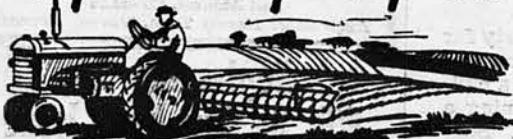
"I have never used anything but Conoco in all my equipment, and have had marvelous results.

"After using my 1944 WD9 IHC Diesel tractor for two seasons, without an overhaul,

I felt it was probably advisable to replace the rings and sleeves, so I took it into the dealer's. It developed it didn't need rings or sleeves... the dealer advised it would be money thrown away! This alone meant a saving of approximately \$250 to \$350! I give Conoco HD Oil credit for this saving!"

Think of it! Conoco HD Oil saved Mr. Robinson from \$250 to \$350, on one tractor in two years! And you, too, will find that you can save money... by changing to Conoco Products! Why not call Your Conoco Man, right now, for some great Conoco Super Motor Oil, Conoco HD Oil, and the other fine Conoco Products?

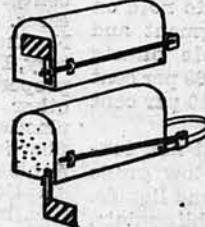
Why a "Heavy Duty" Oil?



When your tractor is plowing or doing other heavy duty work, the engine operates at very high temperatures and gummy resins are formed. So you need the "cleaning" action of a "heavy duty", detergent oil to keep the resins from being deposited as lacquer on rings and pistons. On the other hand, even when your tractor is doing light work like powering a hammer mill, you still need a heavy duty oil. And here's why: Because your engine is running cool, moisture condenses and, because fuel is not completely burned up, a gummy residue forms inside your engine. The heavy duty detergents in Conoco HD Oil and Conoco Super Motor Oil disperse moisture, stop the accumulation of sludge, and prevent ring sticking. Remember—they're both Heavy Duty—will help keep your engine clean.

E-Z-See Flag

If you live a long distance from your mail box, you can tell whether carrier has left anything by installing this automatic flag raiser. Use #9 wire for rod. Make tin flag round or square, paint it, and turn it to best angle for visibility, suggests Edward C. Schlipmann, R. 2, Ursa, Illinois.



SAWS FOR IDEAS!

Send your original ideas to *The Tank Truck*, Dep't E, Continental Oil Company, Ponca City, Oklahoma, and get a genuine \$10.25 D-15 Henry Disston Hand Saw for every idea that's printed!

Pineapple Bran Bread



...by Mrs. Harry T. Cooper
R. 4, Mt. Pleasant, Iowa

$\frac{2}{3}$ cup pineapple syrup | 2 t. baking powder
 $\frac{2}{3}$ cup All Bran | $\frac{1}{4}$ t. baking soda
 $\frac{2}{3}$ cup sifted flour | 1 t. salt
 $\frac{1}{2}$ cup sugar | $\frac{1}{2}$ cup chopped walnuts
 $\frac{1}{2}$ cup drained, canned, | 1 egg, well beaten
crushed pineapple | 2 T. melted shortening

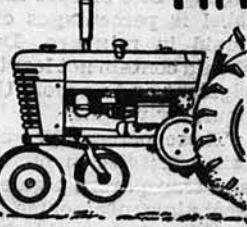
Measure pineapple syrup, add water if necessary to make $\frac{2}{3}$ cup. Pour over bran, let stand 15 minutes. Sift together flour, sugar, baking powder, soda and salt. Add walnuts, crushed pineapple, egg and melted fat, to bran mixture. Add to sifted dry ingredients. Mix until just blended. Turn into greased 9 x 5 loaf pan. Bake in moderate oven (325°) one hour and 15 minutes. Fine with cheese spreads!

SHEARS FOR RECIPES!

Send your favorite recipes to Mrs. Annie Lee Wheeler, Dep't E, Conoco Cafeteria, Ponca City, Oklahoma. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

Fifth Wheel

This 30-gallon drum, attached 3" higher and about 3" behind front wheels of tractor, prevents front wheels miring in wet or soft fields, helps tractor turn easier and go over rough ground better, reports Francis White, Littlefork, Minnesota.



And Now— NEW Conoco Anti-Freeze!

This year, Conoco introduces its own new dependable anti-freeze solutions, to protect all your water-cooled engines... cars, tractors, trucks, power... from damage due to freezing and rusting. Here are two great new anti-freezes—Conoco Permanent Type Anti-Freeze and Conoco Anti-Freeze—that are anti-rust... will not attack or corrode metal... do not harm hose connections... and protect your engines against the costly damage of freeze-ups. To be safe, put Conoco Anti-Freeze in your engines at the first killing frost. To be ready, order Conoco Anti-Freeze or Conoco Permanent Type Anti-Freeze from Your Conoco Man now!



CONOCO

YOUR CONOCO MAN

Has a Full Line of Farm Products Including
CONOCO GASOLINES • CONOCO HD OIL
CONOCO KEROSENE • CONOCO TRANSMISSION OIL
CONOCO TRACTOR FUEL • CONOCO PRESSURE LUBRICANT
CONOCO DIESEL FUEL and CONOCO Super MOTOR OIL
CONTINENTAL OIL COMPANY