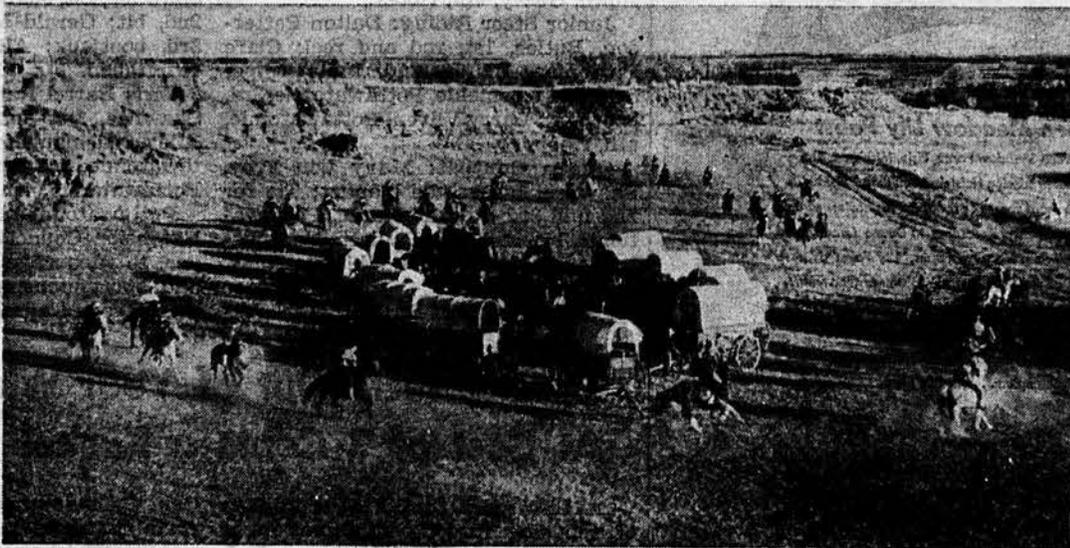


Kansas Farmer



TYPICAL INDIAN RAID (at left) on wagon train, with U. S. Cavalry coming to rescue, was staged at Medicine Lodge event. Too frequently we think of the Indian only in terms of strife. (Picture by Don Richards, KIDC).

DID INDIANS (below) teach white men the modern type of warfare? Yes, says Topeka man. Many Indians have given up their lives fighting for U. S. in 2 World wars. (U. S. Army photo).



The Indians Taught Us Many, Many Things

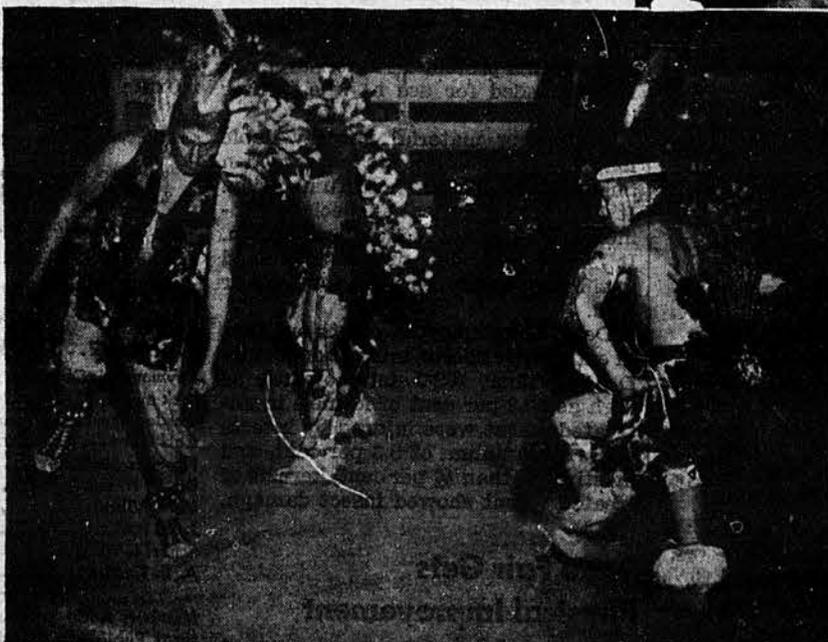
By **DICK MANN**

So what would you think of establishing a national monument in Kansas to the glory of the Red Man?

OH GIVE ME a home, where the buffalo roam; and the deer and the antelope play." Around this theme is composed the official Kansas song, "Home on the Range." No words ever written could better express the nostalgia that must be felt by the remaining Great Plains Indians as they look back to that long-ago time when their ancestors ruled this great prairie empire. [Continued on Page 24]

CHIEF HENRY TANEDOOAH (at right) of Kiowas, was star performer in recent pageant at Medicine Lodge commemorating signing of peace pact in 1867 with 5 Great Plains tribes. (Picture by Don Richards, KIDC).

THOUSANDS OF FOLKS (below) come to Horton each year for the Kickapoo Powwow to watch traditional Indian dances. We are in danger of losing the Indian culture. (Picture courtesy Topeka Daily Capital).



- **Bright Side to Dairy Problem** **Page 4**
- **Thousands of Cannas Bloom** **Page 6**
- **Markets Broilers Every Month** **Page 8**

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Green Meadow Lily Pabst

... of Green Meadow Farms, Elsie, Michigan. The greatest milk producing Holstein of all time. She holds the world's record for milk production regardless of the times milked per day. According to Duane Green, herd manager at Green Meadow Farms, "Lily Pabst" is part of a herd of 350 registered Holsteins. For years, Johnson & Johnson Rapid-Flo FIBRE-BONDED filter disks have been used exclusively to safeguard the production of this outstanding champion... this fine herd.

GRAND CHAMPION Milk Producers Indorse...



The GRAND CHAMPION Filter Disk

Johnson & Johnson RAPID-FLO[®] Fibre-Bonded

Maybe you don't own a champion milk producing cow. But you can protect your milk production just the way the owners of champion cows do—at NO EXTRA COST—with the world's champion filter disk.

A recent survey of over 175,000 farmers shows that Rapid-Flo FIBRE BONDED filter disks outsell any 4 brands combined by more than two to one. Users say Rapid-Flo is "Safer," "More Reliable," "More Retentive," "Better Quality," providing an even more reliable Rapid-Flo Farm Sediment Check-Up.

Producers who want to avoid taking chances, can get the extra protection of Rapid-Flo FIBRE-BONDED filter disks—at no extra cost. All Rapid-Flo filter disks are FIBRE-BONDED—J&J quality at no increase in price, recommended everywhere to aid quality milk production. Buy Rapid-Flo Single-Face or Bonded-Face filter disks from your favorite supplier.

DAIRY FILTERS DEPT. FILTER PRODUCTS DIV Johnson & Johnson 949 N. 65TH STREET CHICAGO 38, ILLINOIS

First Annual Kansas 4-H Rodeo at Onaga May 3 a Big Success

FIRST ANNUAL KANSAS 4-H Rodeo was held at Onaga, May 3, with a large crowd watching 40 boys and girls from 8 counties compete in various events.

Top winners include:

Senior Steer Riding: Galen O'Keeffe, Pottawatomie county, 1st, won a saddle blanket; Clark Wilson, Pottawatomie, 2nd, spurs; Darrell Tanner, Pottawatomie, 3rd, bootjack; Bill Hocken-smith, Geary, 4th, ribbon.

Junior Steer Riding: Dalton Patterson, Butler, 1st, rod and reel; Clare Patterson, Butler, 2nd, lariat rope; Ronnie Grossnickle, Pottawatomie, 3rd, bootjack; Larry Vilven, Pottawatomie, 4th, ribbon.

Queen Contest: Mary Lou Frey, Shawnee, 1st, saddle blanket; Tie for 2nd and 3rd, Rosalie Rezac, Pottawatomie, bit, and Lois Paulsen, Pottawatomie, bootjack; Alice Whitney, Riley, 4th, ribbon.

Break-away Calf Roping: Tom Wat-

kins; Wabaunsee, 1st. He won a blanket. Cutting Horse Contest: Mary Lou Frey, Shawnee, 1st, blanket; Bill James, Clay, 2nd, blanket; Alice Whitney, Riley, 3rd, Lee riders; Clark Wilson, Pottawatomie, 4th, ribbon.

Tie Down Calf Roping: Dale Wilson, Pottawatomie, 1st, trophy buckle; Ronny Grossnickle, Pottawatomie, 2nd, spurs; Bill James, Clay, 3rd rope.

Stock Horse Class: Mary Lou Frey, Shawnee, 1st, blanket; Bill James, Clay, 2nd, bit; Gerald Marten, Wabaunsee, 3rd, bootjack; Alice Whitney, Riley, 4th, ribbon.

Girls Barrel Race: Mary Lou Frey, Shawnee, 1st, spurs; Alice Whitney, Riley, 2nd, blanket; Rosalie Rezac, Pottawatomie, 3rd, bootjack; Helen Hay, Pottawatomie, 4th, ribbon.

Pottawatomie and Wabaunsee county Extension Councils sponsored the rodeo, to encourage good horsemanship and sportsmanship among 4-H Club members in Kansas.

Keep Insects Out of Your Wheat At Cost of 3 Cents a Bushel

A NEW APPROACH to the problem of reducing insect contamination of wheat is gaining popularity, says R. I. Throckmorton, dean emeritus of the school of agriculture at Kansas State College.

"This new approach is one of protecting grain against insects rather than destroying insects after they have infested the wheat," Dean Throckmorton explains.

The material used, he says, is a pyrethrum derivative dispersed in wheat powder. It is applied at the rate of 7½ pounds per 100 bushels as grain is being placed in storage. Cost is 2 to 3 cents a bushel. The protecting powder may be applied evenly to surface of a truckload of newly combined wheat. It should then be cut into the wheat with a shovel to aid mixing. Further mixing will take place when wheat is dumped—again as grain is lifted to bin by blower or auger and finally as wheat and protecting material roll down the cone-shaped pile in bin.

A small additional quantity of powder should be applied to surface of wheat after storage has been completed. This means a double application for about top 3 inches of grain.

"Such a treatment of wheat at time of storage can be expected to protect it against insects for about 6 months, or until temperatures are sufficiently low to stop insect activity," says Dean Throckmorton. "It is doubtful if it would provide protection the following spring. This protectant material is not recommended for use in wheat after it has become heavily infested."

Protecting material now available may be used effectively in loose wooden bins that would not hold fumigation. It does not require use of special equipment, and does not reduce germination. It is non-toxic and processed-treated grain may safely be used for food or feed.

Dean Throckmorton points out that in extensive experiments conducted by D. A. Wilbur, KSC entomologist, as high as 15.2 per cent of kernels in untreated wheat were injured by insects while a maximum of 3.3 per cent, and mostly less than ½ per cent, kernels of treated wheat showed insect damage.

tion. Officials are experimenting with road surfaces, most satisfactory of which will be used on main roads to make the Fair as dust-free as possible.

Superintendents of 1953 Fair departments are: beef, Lot Taylor, Manhattan; dairy, Ralph Bonewitz, Manhattan; dairy products, Rolla Holland, Topeka; horses, R. B. Cathcart, Manhattan; swine, Carl G. Elling, Manhattan; poultry, H. B. Patten, Hutchinson; farm crops, Frank G. Bieberly, Manhattan; horticulture, W. B. Amstein, Manhattan; home economics, Ella M. Meyer, Manhattan; clothing and textiles, Mrs. M. C. Benjamin, Hutchinson; floriculture, W. M. Detter, Hutchinson; agriculture, E. A. Cleavinger, Manhattan; domestic science, Mrs. O. M. Coble, Sedgwick; fine arts, Mrs. J. W. Jarrott, Hutchinson; 4-H, J. Harold Johnson, Manhattan; work of the blind, Mrs. Florence Bond, Kansas City.

Colby Host to Tractor Show

Machinery and farm equipment items were displayed along 8 blocks in Colby April 30 and May 1 and 2, at 21st annual Northwest Kansas Tractor Show. More than one million dollars worth of items were shown. Attendance was more than 100,000 persons. Automobiles and airplanes also were on "show," and Flying Farmers Day was celebrated May 1. Highlights of entertainment was a Tractor Rodeo, a new feature this year, and Indian dancers.

KANSAS FARMER

Continuing Mail & Breeze

ARTHUR CAPPER... Publisher (1893-1951)

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Florence McKinney... Women's Editor

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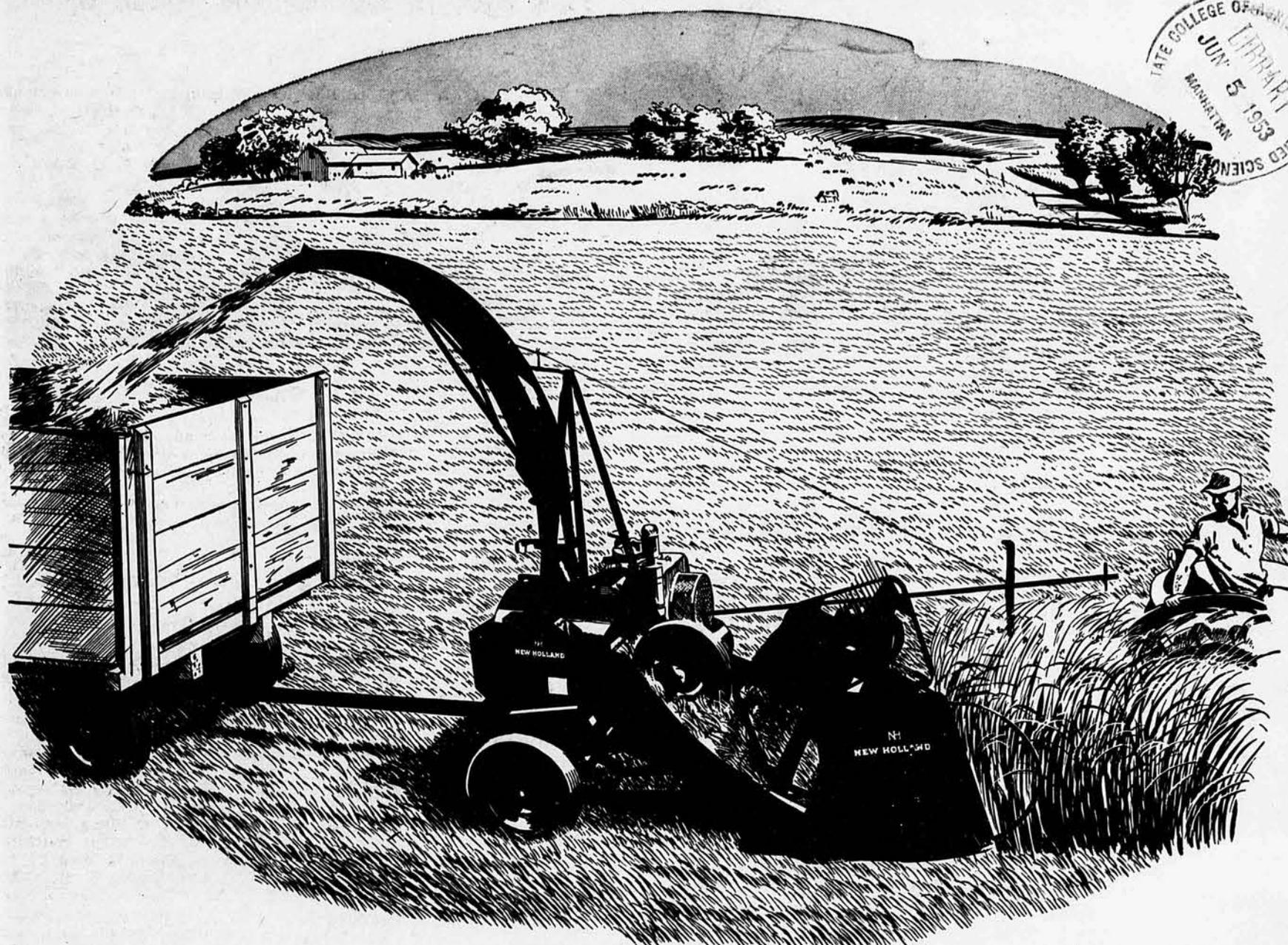
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Three years, \$1; one year, 50 cents. Copy 5c.

State Fair Gets Physical Improvement

Several physical improvements at the Kansas State Fairgrounds, Hutchinson, are announced by Virgil Miller, secretary-manager. A new roof is under construction on the grandstand and a large modern barn, especially designed for horses, is nearing comple-



Makes choice silage in half the time!

New Holland's Forage Harvester with exclusive FLOTRAC feed

Working in heavy broadcast mixtures, New Holland's Forage Harvester with direct-cut attachment fills a 4-ton silage box about every 15 minutes. No mowing, no raking —harvests in half the time. You get a feed second only to pasture in richness!

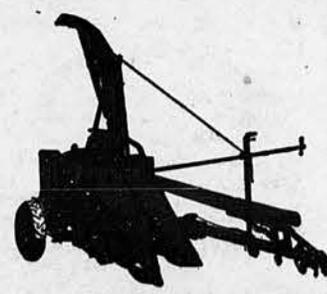
Exclusive Flotrac feed (see right) controls material regardless of variations in bulk. An important New Holland feature that gives you more tons per hour.

You can try before you buy! Your New Holland dealer will demonstrate a harvester and attachments *on your farm* without obligating you in any way! The New Holland Machine Company, subsidiary of The Sperry Corporation.

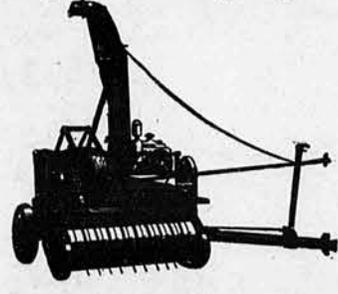


Here's how Flotrac works to maintain steady operation without slugging or jamming. First, the front end rises to meet a wad of material big enough to choke ordinary harvesters. As the wad feeds through, the whole unit rises for maximum pressure without obstructing the flow. When the wad passes into the big, 112-sq. in. throat opening, the Flotrac drops back down to control lighter material.

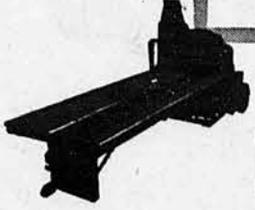
Only New Holland has this time-saving, stop-free feature!



Model 610 power take-off harvester with corn head can be driven by any tractor with 36 h.p. and up.



Model 600 self-powered forage harvester with windrow attachment makes up to 18 tons of grass silage an hour.



Model 680 Tilt-Table Forage Blower moves up to 30 tons of grass and 40 tons of corn silage an hour.



NEW HOLLAND

"First in Grassland Farming"

New Holland, Pa. • Minneapolis • Des Moines
Kansas City • Brantford, Ontario



There's a Bright Side to the Dairy Problem

Everybody in the United States to hear more about value of milk and milk products

THERE is no use kidding ourselves. The dairy industry is faced with many serious problems threatening the welfare of all of us. But there is a bright side, too, and it is the bright side we want to discuss. We are thinking about the work being done by the American Dairy Association to solve some of our dairy problems and improve the dairyman's position.

Ever since its organization in the late 1930's, the American Dairy Association has worked for dairymen on 4 major fronts: Advertising, merchandising, research, and public relations. By working with allied food organizations, ADA has succeeded in getting about \$12 worth of advertising for each dollar put up by the dairyman. Most farmers would be willing to accept those returns on all their farm projects.

Good as they are, results obtained in the past by the American Dairy Association are not good enough. That is the reason why, in its meeting this year, the association voted unanimously to sponsor an industry-wide program of expanded advertising and merchandising for all dairy products; a direct answer to govern-

ment requests for dairymen to work out a self-help program for their industry.

Chester R. Schoby, 1952 president of ADA, says: "We feel this expanded program is evidence of the good faith of dairy farmers who are striving to resolve their own problems with a minimum of government aid."

On a voluntary basis, this greatly expanded program will be financed by dairy farmers on the basis of 1/2 cent a pound butterfat or 2 cents a hundredweight on milk sold. The plan will become effective when ADA state or regional units representing 60 per cent of the Nation's milk production, or 25 states, ratify the program.

In Kansas dairymen do not expect to be in tune with the national program until 1954, because they already had set up their 1953 plans before ADA took action. Harry Dodge, secre-

(All pictures courtesy ADA)

EVERY EFFORT will be made thru advertising to impress upon people they never outgrow their need for milk so far as health is concerned.



HEADING new American Dairy Association's expanding program to sell more dairy products are Merrill N. Warnick, right, president, and Lyman D. McKee, vice-president of ADA.

tary of the Kansas State Dairy Association, says: "This year our association agreed on a 1-cent-a-pound set aside on butterfat for a 60-day period—June and July. This is twice the amount we have contributed in the past. We hope to ratify the national program next year."

Leaders in the dairy industry generally agree ADA never has been financed adequately to meet the challenges faced in today's marketing conditions, even tho its membership now includes 41 states producing more than 90 per cent of the Nation's milk supply. Oleomargarine manufacturers, [Continued on Page 26]

Hook family appetites with these

Cheese Variety Dishes

THE BEST OF CHEESE
Cheese and cottage cheese are good. Use the best. A full-flavored, well-aged cheddar is best. Use 1/2 cup of cottage cheese. Season with 1/2 tsp. of salt. Add 1/4 cup of milk. Add 1/4 cup of butter. Add 1/4 cup of cream. Add 1/4 cup of sugar. Add 1/4 cup of vanilla. Add 1/4 cup of raisins. Add 1/4 cup of nuts. Add 1/4 cup of fruit. Add 1/4 cup of other ingredients.

CHICKEN VARIETY DISH
Cook bone-in, skin-on chicken (1/2 hen) until tender. Remove from oven. Drain. Cut into 1/2-inch cubes. Add 1/2 cup of milk. Add 1/2 cup of butter. Add 1/2 cup of cream. Add 1/2 cup of sugar. Add 1/2 cup of vanilla. Add 1/2 cup of raisins. Add 1/2 cup of nuts. Add 1/2 cup of fruit. Add 1/2 cup of other ingredients.

HERE IS ANOTHER example of how ADA advertising works. Ad points out that cheese and other dairy foods make up 30 per cent of your diet, but cost only 15 cents of each food dollar.

2 Easy Butter Sauces

to make mealless meals SING!

DEVILLED EGGS (DINNER-IN-DISH)
This cooks for you in 10 min. in top of double boiler over 4 tablespoons water. Stir in 4 tablespoons butter. Add gradually 2 cups milk, stirring until smooth. In buttered casserole place six devilled eggs. Cover with half of sauce. Add cooked whole carrots, sliced onions, peas, etc. Add rest of sauce. Garnish with sliced eggs, carrots, grated hard-boiled egg yolk. Enjoy with buttered toast or buttery waffles or baked goods. Easy, delicious!

Waffles with Easy Hollandaise
This cooks for you in 10 min. in top of double boiler over 4 tablespoons water. Stir in 4 tablespoons butter. Add gradually 2 cups milk, stirring until smooth. In buttered waffle iron place waffles. Pour over waffles. Enjoy with buttered toast or buttery waffles or baked goods. Easy, delicious!

SHOWING housewife how to use butter in preparing various recipes will help cut away surplus of butter now being bought up by Uncle Sam. Don't these dishes look appetizing?

ICE CREAM CALENDAR

February

HOORAY!
CHERRY
VANILLA
TIME!

CHERRY ICE CREAM
This cooks for you in 10 min. in top of double boiler over 4 tablespoons water. Stir in 4 tablespoons butter. Add gradually 2 cups milk, stirring until smooth. In buttered waffle iron place waffles. Pour over waffles. Enjoy with buttered toast or buttery waffles or baked goods. Easy, delicious!

ICE CREAM consumption has gone up rapidly with help of ADA advertising but is now threatened by substitutes. ADA research projects are aimed at finding quick test for adulteration.

Kansas Farmer

News and Comment

Good-will Visitors

YOU MEET the most interesting folks in today's small world. A dozen agricultural experts from foreign countries, over here to study our methods, were routed thru Kansas recently. Stopping in Topeka, they were invited to dinner one evening by Henry S. Blake, President of Capper Publications, and editors of *Kansas Farmer* and other Capper papers. Brought to the United States as a trainee group—they are all college graduates—their purpose was to learn as much about our farming and farm statistics as would seem useful in their own countries.

Our visitors included men from Yugoslavia, Pakistan, Israel, Ecuador, Brazil, Mexico, Burma and Colombia. All spoke very understandable English. Visiting with Dancika Nikolic, of Yugoslavia, he said he had been in the United States only 7 months, didn't know any of our language before arriving here. So he astonished us with his large vocabulary. I tried him on longer words as conversation went along. He would stop once-in-awhile but most of the time he understood what was said. I asked how he learned our language so readily. Could I learn his in such a short time? He said to drop yourself in some other country sometime, "You will learn their language. You have to do it to get along."

"One thing puzzled me at first," he laughed. "I know wheat fields, oats fields and corn fields. But these oil fields! I knew very well oil doesn't grow in fields even in the United States."

The group studied soil moisture surveys, wheat quality surveys, Kansas crop reporting service, visited Agronomy Farm at Kansas State College, saw operations at Western Star Milling Company at Salina, went down in the world's largest salt mine near Hutchinson, visited Vocational Agriculture department at Medicine Lodge high school and a big cattle ranch.

Friendliness shown our visitors by Kansans and folks in other states cannot help but make a good impression on them. When they return to their homes, they will take a little bit of the United States with them. And having visited with them around the table, we know they are human beings like ourselves, with the same hopes and ambitions. And all want a peaceful world in which to live.

Our Extra Acres

WHILE IN KANSAS during the week of May 18, Dr. Hugh Hammond Bennett made a remarkably interesting statement. For 20 years he headed the U. S. Soil Conservation Service, was in the state to speak at Old Limestone Day ceremonies in Jewell county, sponsored by Jewell County Soil Conservation District, WIBW, The Topeka Daily Capital and *Kansas Farmer*. Said Doctor Bennett in a Topeka Daily Capi-

tal interview: "Soil conservation increases production about 50 per cent an acre. This is like discovering a new continent. Yet some people voice doom by saying there won't be enough to eat in 1975. That's just not so."

You probably don't have to step off your farm to find proof that soil conservation does improve crop yields by saving soil, fertility and moisture. Doctor Bennett bases his 50 per cent increase on what he has seen happen on 140 million acres of U. S. farm land that have been terraced, contour farmed and protected in other ways.

Doctor Bennett has devoted his mature lifetime to studying the soil. In September, 1933, the Soil Erosion Service was set up with Doctor Bennett as director. Two years later, establishment of a permanent government program for soil defense followed when Congress passed the Soil Conservation Act. A Soil Conservation Service was created as a permanent bureau of the Department of Agriculture, and Doctor Bennett was appointed chief.

Long known as the "father of soil conservation," he has been awarded many high honors. Among them was the Distinguished Service Award presented by the American Agricultural Editors' Association, when your editor was chairman of the awards committee.

Soil conservation has been a part of some Kansas farm programs since time began. But our present knowledge of soil saving and practices being followed promises to keep Kansas producing her full share of foods to meet the increase in population by 1975, or any other year in the future.

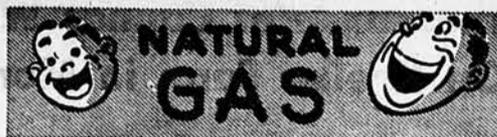
Letters From Overseas

AGAIN THIS SUMMER, 2 Kansas International Farm Youth Exchange delegates will tell about their experiences in letters to *Kansas Farmer*. John Ferrell, of Mt. Hope, goes to India, and Don Weixelman, of Louisville, goes to Lebanon and Syria. They will tell you how people there live and farm, what they have for meals, draw comparisons between their "new life" and the way things are in Kansas.

You remember last year and the years before, other outstanding 4-H'ers have written letters to you thru *Kansas Farmer* from Norway, Greece, Switzerland, France, Wales, Finland, Germany, Holland, England, Sweden, Belgium, The Netherlands and Luxemburg. Now watch for equally interesting letters from John Ferrell and Don Weixelman. Don gets away in June and John starts his trip in August. "An interesting sidelight," said John, "is there will be an Indian boy staying at my sister's home for 5 weeks prior to my departure in August."

Eleven 4-H'ers from Kansas will be IFYE delegates this summer. Duane Traylor, Butler county, and Frederick Funk, Marion county, also go to India. Aldean Knoche, Stafford county, to Austria; Alison Saylor, Hodgeman county, to Sweden; Arinetta Bolton, Rice county, to England and Wales; Barbara Jean Buffington, Chase county, to Japan; Paul Whitehair, Dickinson county, to Portugal; Patricia Draney, Brown county, to Germany, and Willis Penner, Marion county, to Tunisia.

J. Harold Johnson, state 4-H Club leader, writes he has a letter from James Circle, Barber county, that he recently returned home from Brazil. Also, a letter that Max Stutz, Atchison county, was to sail from Sidney, Australia, on May 5, and go by way of Marseilles, Paris and London, arriving in London about June 19. He is sailing from Southampton, England, on June 25, aboard the Queen Elizabeth, scheduled to arrive in New York on June 30. This will be the second 4-H'er completing a trip around the



"All good things come to him who hustles while he waits."

"Small student's definition of a laugh: a smile that busted!"

"Sign seen on a grassy lawn: Stop! Your feet are killing me!"

"If you have built castles in the air, your work need not be lost; that is where they should be. Now put foundations under them . . ."—Henry Thoreau.

"Sign in window of neighborhood grocery: Be like Robinson Crusoe—Have most of your shopping done by Friday."

"A teacher is a person who cultivates young people's minds while his is being harrowed."

"People who become wealthy suddenly find they're bothered by friends they never had when they were poor."

"Sign on a drive-in restaurant: You too —we total!"

world on the IFYE program. The other is Keith Burt, of Cloud county. Both of these boys left from the West Coast of the United States, Keith spending his time in Australia, and Max in New Zealand, then returning to the United States from the East.

An additional delegate for next fall and winter, announces Mr. Johnson, is Norman Schlessner, of Dickinson county, who will go to Argentina.

This International Farm Youth Exchange program is no small project. It started in 1948 with one delegate, Armin Samuelson, then of Shawnee county, who went to England, France, Sweden, Belgium, The Netherlands and Luxemburg. Armin now is county 4-H Club agent at Newton, in Harvey county. This year 11 Kansas delegates are going to other countries, and 36 young men and women from other countries will be staying on Kansas farms. *Kansas Farmer* believes the IFYE program is one of the best methods of improving foreign relations.

Larry Is Better

THANK YOU so much for Larry Schwarz and his family for the many kind messages you sent him during his recent serious illness. He is so far along the road to recovery he wrote his "Thoughts to Live by" column for this issue. I wish you could have seen the bright smile on his face when he was first able to read your letters and post cards. Every single one he read with keen appreciation for the time you took to think of him. They helped mightily during those long days in a hospital bed. The editors appreciate your thoughtfulness, too. It is good to have friends like you.



"Tough Grass."



"Fill it up, please!"

Thousands of Cannas Will Bloom On Kneller Farm in Morton County



CANNA-PLANTING project of Ernest K. Kneller, Rolla. He and Mrs. Kneller were one of the 9 farm couples awarded Balanced Farming and Family Living recognition this year. Picture show him starting to plant the 4,000 cannas he planned for this year.

A GORGEOUS SIGHT of 4,000 medium-red cannas blooming against a tall, white lattice backdrop that serves as a windbreak will be seen from late June until early October this year at the Ernest Kneller farm home, near Rolla, Morton county.

It quite likely will be the largest canna planting in Kansas, but that is not Mr. Kneller's objective. Canna growing is his hobby, and he is willing to work long hours hand-setting bulbs, hoeing weeds and, after frost kills the plants, digging each plant and separating bulbs that have grown. He plants the canna bulbs late each April. This year's start was on April 22.

In preparation, furrows are plowed shortly before planting time. Manure that is spread generously on the canna bed each winter is worked into the soil with a lister.

How Bulbs Are Set

Bulbs are set 5 inches below the surface of the ground at 18-inch intervals. After placing a bulb in the left side of the furrow in which he is working, Mr. Kneller plants the next one 18 inches down the furrow in the right side of the furrow. This method results in a double row of cannas in which they are not too thick when grown.

After bulbs are planted, some soil

is pulled over them, but the furrow is not filled as Mr. Kneller wants a ditch for irrigation water.

"It's water that makes cannas," this grower said.

However, he does not start irrigating at once. Bulbs are set in slightly moist soil, and then no water is added for 2 weeks. Too much water rots the bulbs.

In moderate, not-too-hot weather, he irrigates the canna bed at least twice a week. If it is extremely hot the bed is irrigated daily. Soil is never permitted to become dry, and irrigation is continued season long until frost.

Produce More Flowers

It is this grower's experience the larger the bulb planted the better. They produce more flowers and better stalks, in his opinion, than small bulbs.

In fall after plants have frozen, Mr. Kneller cuts tops from them before he digs the roots. To store the 15 to 20 bulbs that grow on each plant, he is building a 14- by 44-foot root cellar as part of a new tenant house. It will be frostproof and will be lined with shelves on which bulbs can be spread to dry.

Mr. Kneller plants the President variety of cannas. Has found it does best under extreme Southwest Kansas conditions.

Mighty Happy to Be Dairying, Hopes to Have Herd of 20 Cows



A WHEAT FIELD that didn't get too good a stand was pastured off this spring by Howard Truelove's Brown Swiss herd, in Coffey county. Mr. Truelove is happy over changing to grade-A production about 18 months ago.

DAIRYING MAY have its troubles but Howard Truelove, of Coffey county, says: "I don't know how some farm folks get along without a milk check. I know we are mighty happy to be in the business."

Mr. Truelove always has milked a few cows but up until 1950 he wasn't seriously interested in dairying. "The

only requirement a cow had to have was the proper number of faucets," says Mr. Truelove.

But, in 1950, things changed. He bought a registered Brown Swiss heifer at the Tri-State Sale, in Topeka and 2 heifers from Wisconsin. He now is milking 13 head, 10 of them registered Brown Swiss and the other 3 cross-

breeds. "I'm culling out the crosses as I build up the herd," says Mr. Truelove, "and hope eventually to have all pure-breeds." Five of his Brown Swiss cows were Wisconsin heifers brought into the county by another farmer and then purchased by Mr. Truelove.

Mr. Truelove sold cream until about 18 months ago, then changed over to grade-A and what he has done he has done well. His milk room is well equipped with a cooler that reduces milk temperature to 60 degrees by the time it hits the can. As a result bac-

teria count has been running around 30,000.

"I hope to build up the herd to 20 cows to use my equipment and labor more efficiently," he says, "but don't want to expand too far." Under present price situation Mr. Truelove thinks he may have paid too much for some of his heifers but says: "Their production plus calves should pay off over a period of years." His small herd has been bringing in an average of \$250 a month above feed costs. This steady income looks good right now.

See your dealer listed below
**FOR FREE BLUEPRINTS
OR CATALOG**



TOWN	DEALER	TOWN	DEALER
Abilene	Badger Lumber Co.	La Crosse	La Crosse Lumber Co.
Almena	Kansas Lumber Co.	La Cygne	Blaker Lumber and Grain Co.
Andale	Foster Lumber Co.	La Harpe	Blaker Lumber and Grain Co.
Anthony	Comley Lumber Co.	Lakin	J. C. Hart and Co.
Argonia	Rock Island Lumber Co.	Lancaster	T. E. Snowden Lumber Co.
Arkansas City	Badger Lumber Co.	Larned	Clutter-Lindas Lumber Co.
Arnold	Comley-Neff Lbr. Co.	Lawrence	Burgner-Bowman-Matthews Lbr. Co.
Ash Grove	A. C. Houston Lumber Co.		Logan-Moore Lumber Co.
Ashland	O. E. Woods Lumber Co.	Lenexa	Shaw Lumber Co.
Atchison	Huxmann & Dubbs Lumber Co.	Leoti	Lenexa Lumber Co.
Atwood	Burgner-Bowman-Matthews Lbr. Co.	Liberal	Foster Lumber Co.
Augusta	Home Lumber & Supply Co.		Liberal Lumber Co.
Axtel	Hixon Lumber Co., Inc.		Star Lumber Co.
Bazine	J. B. Russell, Inc.	Lincoln	Burgner-Bowman-Matthews Lbr. Co.
Bennington	Foster Lumber Co.	Lindsborg	Carlson Lumber Co.
Bison	Rounds & Porter Lumber Co.	Little River	T. M. Deal Lumber Co.
Blue Rapids	Meyer Lumber & Hardware Co.	Longford	Longford Grain Co.
Bogue	Humburg Company, Inc.	Long Island	Foster Lumber Co.
Bolivar	Leidigh & Havens Lbr. Co.	Lucas	Mack-Welling Lbr. & Sup. Co.
Bonner Springs	Humburg Company, Inc.	Lurey	Mack-Welling Lbr. & Sup. Co.
Brewster	Burgner-Bowman-Matthews Lbr. Co.	Mackaville	Home Lumber & Supply Co.
Brownell	Mack-Welling Lbr. & Sup. Co.	Manhattan	E. E. Griffith Coal & Lumber
Bucyrus	Burgner-Bowman-Matthews Lbr. Co.	Marion	Badger Lumber Co.
Burdett	Bonner Springs Lbr. Co.	Marquette	Burgner-Bowman-Matthews Lbr. Co.
Burlington	Foster Lumber Co.	Marysville	Howell Lumber Co.
Cedar Vale	Richardson Lbr. & Hdwe. Co.	McCracken	Humburg Company, Inc.
Centralia	Blaker Lumber and Grain Co.	McDonald	Foster Lumber Co.
Chanute	Burdett Lumber Co.	McPherson	Church Lumber Co.
Cheney	Burlington Lumber Co.		Lake Superior Lumber Co.
Clay Center	Burgner-Bowman-Matthews Lbr. Co.	Meade	Home Lumber & Supply Co.
Coffeyville	Chanute Lumber Co.	Medicine Lake	T. M. Deal Lumber Co.
	Comley Lumber Co.	Minneapolis	Leidigh & Havens Lbr. Co.
	Erickson Bldg. Supply, Inc.	Minneola	T. M. Deal Lumber Co.
	Johnston Lumber Co.	Mission	Mission Lumber Co.
	Kansas Lumber Co.	Morrill	Harpster Lumber Co.
	T. H. Rogers Lumber Co.	Mullinville	T. M. Deal Lumber Co.
Colby	Foster Lumber Co.	Murdock	Comley Lumber Co.
Coldwater	Houston-Doughty Lbr. Co.	Natoma	Mack-Welling Lbr. & Sup. Co.
Collyer	Mack-Welling Lbr. & Sup. Co.	Ness City	Rock Island Lumber Co.
Concordia	Leidigh & Havens Lbr. Co.	Newton	Houston-Doughty Lbr. Co.
Cottonwood Falls	Burgner-Bowman-Matthews Lbr. Co.	Norcatour	Foster Lumber Co.
Council Grove	Burgner-Bowman-Matthews Lbr. Co.	Norton	Foster Lumber Co.
	Rhodes Lumber Co.	Oberlin	Foster Lumber Co.
Courtland	Foster Lumber Co.	Olathe	Cowley Lumber & Hdwe. Co.
Delphos	Leidigh & Havens Lumber Co.		Hodges Bros.
Dighton	Dighton Lumber Co.	Onaga	Onaga Lumber and Grain Co.
Dodge City	Anawalt-Campbell Merc. Co.	Osage City	Lentz Lumber & Supply Co.
El Dorado	O. E. Woods Lumber Co.	Osawatimie	Leidigh & Havens Lbr. Co.
Elkhart	Star Lumber Co.	Ottawa	Fred R. Nuzman
Ellis	Nicholson Bros. Lumber Co.		Ottawa Lumber Co., Inc.
Elyria	Elyria Lumber & Mercantile Co.		Star Grain & Lumber Co.
Emporia	Burgner-Bowman-Matthews Lbr. Co.		Palco Mack-Welling Lumber & Sup. Co.
	Kansas Lumber Co.		Parker
Enterprise	Martin Lumber Co.		Blaker Lumber & Grain Co.
Erie	Johnson & Son Lumber Co.		Parsons
Eureka	A. C. Houston Lumber Co.		C. E. Woods Lumber Co.
Fairview	Rock Island Lumber Co.		Peabody
Fort Scott	Harpster Lumber Co.		Burgner-Bowman-Matthews Lbr. Co.
Fowler	Herrman Lumber Co.		Phillipsburg
Frankfort	T. M. Deal Lumber Co.		Home Lumber Co.
	Andrew Johnson & Son		Plainsville
	Searle & Chapin Lumber Co.		Mack-Welling Lbr. & Sup. Co.
Fredonia	Gilstrap Lumber Co.		Pleasanton
Galesburg	Galesburg Lumber & Oil Co.		Blaker Lumber & Grain Co.
Garden City	Porter Lumber Co.		Pratt
Garden Plain	Comley Lumber Co.		Independent Lumber Co.
Gardener	Gardener Lumber Co.		Ortmeyer Lumber Co.
Garnett	Garnett Lumber Co.		Pretty Prairie
	J. C. Jones Lumber Co.		George W. Ulch Lbr. Co.
Girard	Burgner-Bowman-Matthews Lbr. Co.		Princeton
	Foster Lumber Co.		Star Grain & Lumber Co.
Goodland	Great Bend Lumber Co.		Quinter
Great Bend	Rock Island Lumber Co.		Mack-Welling Lbr. & Sup. Co.
Greensburg	Home Lbr. & Supply Co.		Randolph
Hanover	Burgner-Bowman-Matthews Lbr. Co.		Burgner-Bowman-Matthews Lbr. Co.
Harper	Rock Island Lumber Co.		Star Grain and Lumber Co.
Hays	Treat-Shaffer Lbr. Co.		Reserve
Herington	Badger Lumber Co.		Harpster Lumber Co.
	Clark Lumber Co.		Rexford
Herndon	Foster Lumber Co.		Foster Lumber Co.
Hiawatha	Harpster Lumber Co.		Russell
Hillsboro	Badger Lumber Co.		Mack-Welling Lbr. & Sup. Co.
Hoisington	Foster Lumber Co.		Saint Francis
Holton	Holton Lumber Co.		Foster Lumber Co.
Horton	Horton Lumber Co.		Saint Mary's
Howard	Perkins Lbr. & Hardware		Long's Lumber Yard
Hoxie	Foster Lumber Co.		Leidigh & Havens Lbr. Co.
Hugoton	Star Lumber Co.		Salisbury
Humboldt	Clark Lumber Co.		Logan-Moore Lumber Co.
Hutchinson	Davis Lumber & Hardware		Satanta
	Ortmeyer Lumber Co.		T. M. Deal Lumber Co.
	Rock Island Lumber Co.		Scott City
Independence	Inman Lumber Co.		Drake Lumber Co.
Inman	Clark Lumber Co.		Foster Lumber Co.
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Jennings	Amsden Lumber Co.		Foster Lumber Co.
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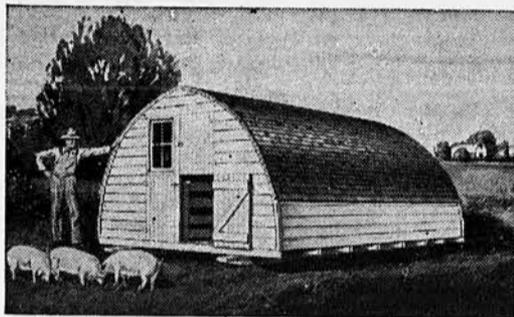
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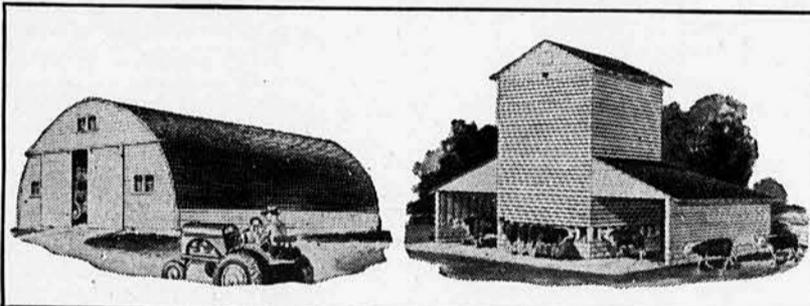
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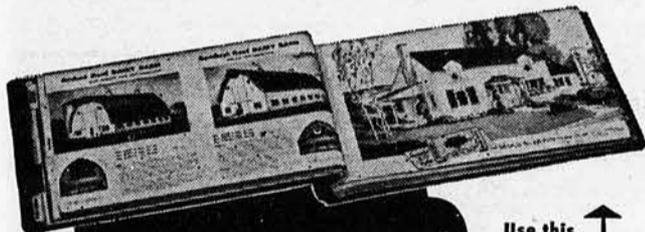


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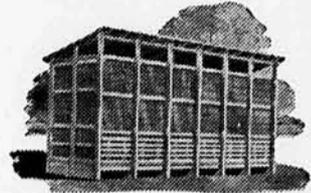
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The Service includes many special buildings such as the eye-catching roadside market stand shown above. You will also see plans for greenhouses, bridges, airplane hangars, gates, fences and a wide variety of special equipment.



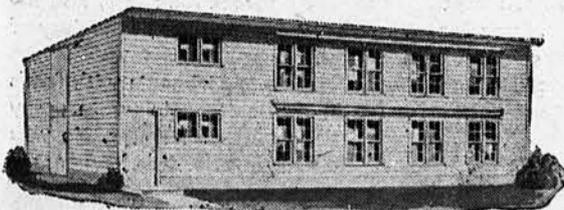
POULTRY STRUCTURES

Whether you have a commercial or a small flock interest in poultry, you will find the Service helpful in planning new buildings. One example is this range shelter for turkeys. Other designs include laying houses, feeders, hovers, sun parlors, roosts, and nests.



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Or mail us catalog checked: Building Catalog Equipment Catalog We will give it to this farmer.

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Dairy Farmers:

Cheap imitations threaten our markets!

Today dairy products are in a life-or-death battle for customers—a battle against cheap imitations that threaten to steal our markets.

What can we do to fight Oléo, Filled Milk, Oil Ice Creams, etc.?

We can keep telling consumers over and over again about the good eating and good health they'll receive from eating the world's finest family of foods—dairy products. We need more and more year-round advertising to answer the propaganda of cheap imitations. We need to keep our dairy foods story constantly before the public—to sell consumers the country over on buying and using lots of our products.

How can this job be done?

You can join the battle against cheap imitations by allowing your dairy plant to make the American Dairy Association set-aside deductions from your milk checks in June and July. Your set-aside funds, together with money from dairy farmers from coast to coast, will support the strong ADA action program of advertising, research and publicity. The American Dairy Association is entirely supported by dairy farmers just like you, and is directed by dairy farmers, too.

Your pennies are needed!

This is no time to let your neighbors carry the ball for you—too much of your own welfare is at stake. You owe it to your neighbors and to yourself to join the American Dairy Association set-aside. The cost is low—only a penny per pound of butterfat during June and July.

Kansas State Dairy Association
American Dairy Association
National Dairy Council

Marketing Broilers Every Month To Smooth Out Price Bumps



BROILERS HAVE BEEN paying off at rate of 9 to 27 cents a bird for T. R. Hunt, Coffey county, shown here adjusting an automatic waterer. He has been raising broilers 3 years and is continuing to expand each year.

WITH BROILER markets expanding westward, Kansas producers are gradually coming into a more favorable marketing situation, thinks T. R. Hunt, of Coffey county.

He started in the broiler business 3 years ago and has learned some of it the hard way. "For instance," he points out, "I started out raising them in three 10- by 12-foot brooder houses. I soon found that was too much work and my volume was too small."

In 1952 he built a new 24- by 80-foot house to hold 3,000 birds. He averages 4 batches yearly, or 12,000 birds. "My volume still is too small," says Mr. Hunt, "and I plan to expand by building 2 more 30- by 100-foot buildings so I can handle 45,000 to 50,000 birds a year."

Birds raised on the Hunt farm have never been contracted. He sells at Topeka, Wichita and McPherson. In the 3 years he has been raising broilers, profits have ranged from 9 to 27 cents a bird.

No fancy equipment is used and Mr. Hunt doesn't think he has any magic formula for raising broilers. "I do start out with the highest-quality chicks I can buy," he says. "I try to avoid overcrowding, vaccinate for Newcastle, see that birds have plenty of feeder space

and plenty of water and good ventilation." An automatic waterer used in the house was made by using eaves troughs with an automatic valve at end where water enters. No automatic feeders are used.

All commercial feeds are used and, says Mr. Hunt, "I try to get birds to a market weight of 2.8 to 2.9 pounds in 10 weeks."

He believes the most important thing he is doing is to expand and arrange his broiler program so he can market birds every month. By doing this he can avoid throwing too much of his production into any one marketing period. "Where you market every 3 months you run 2 risks," he says. "You may hit a low market that will cut deeply into your capital and then have to wait 3 months before you have a chance to recoup. By marketing every month you can smooth out the price bumps."

Altho he is expanding his broiler program, Mr. Hunt is finding time to experiment in other poultry fields. This year he is raising 800 turkeys and 300 capons. "Three thousand broilers will tie you down as much as 10,000 or 12,000," he says, "so you might as well work out a program to fully utilize your labor and equipment." That's just what Mr. Hunt is doing.

No. 12 in series of farm biographies of agricultural "greats" . . .

STEPHEN M. BABCOCK

Stephen Moulton Babcock, founder of Babcock Milk Test, was born at Bridgewater, N. Y., October 22, 1843. In 1866 he was graduated from Tufts College. Then followed extensive education at Cornell University, Rensselaer Polytechnic Institute and the University of Gottingen, Germany, where he received his Ph.D. degree in 1879.

After several years as instructor at Cornell, he became chief chemist for New York experiment station, 1882-88, and chief chemist for Wisconsin experiment station, 1888-1913. From 1901 to 1913 he was assistant director for Wisconsin experiment station, emeritus professor of University of Wisconsin after 1913.

Giving special attention to chemistry of milk and its products, he devised a butterfat test which revolutionized U. S. dairy industry. His method is inexpensive and simple, is used in many parts of the world. He was awarded the Grand Prize at the 1900 Paris Exposition for the Babcock Milk Test, and the same prize at the 1904 St. Louis Exposition. He was a member of the Jury of Awards at the Buffalo Exposition of 1901.

Among his many services to agriculture were his experiments with feeds for animals which led to important research in vitamins. He wrote many articles about dairy problems which aided thousands of farmers. He was joint author of a book on milk chemistry, which has also aided numerous students and researchers.

Stephen M. Babcock died on July 2, 1931.

Good Increase in Grade-A Dairies Last 2 Years in Elk County

BY DOING most of the labor himself, George Fulton, Elk county, in April was able to complete a grade-A milk barn at very low cost. He estimates the barn would have cost him \$2,500 if built on contract but he has only \$1,200 invested in it. Some of his costs included a \$450 cooler, \$64 heater, \$85 for water system, \$99.50 for a new milking unit; \$600 for an old building he tore down and \$250 for other materials. Barn and milk room fully equipped came to \$1,548.50.

Altho Elk county is known as "beef country" it also is an ideal dairy area now because it is in the Wichita milk shed, thinks Mr. Fulton. Apparently others think so too as John Sparkman, county agent, reports in 2 years the number of grade-A dairies in Elk county has jumped from only 3 to 12 dairies.

Mr. Fulton is typical of the kind of

farmer going into dairying. He has only 80 acres and has been milking cows ever since he moved onto the farm in 1946. "I couldn't make a living on this small acreage with any other livestock project," he says.

He operated on grade-C until this April. He has 30 acres of native pasture, 5 acres brome, 13 acres alfalfa, 8 acres Balbo rye and 6 acres of sweet clover. He is milking 9 head of Brown Swiss cows but hopes to have 14 to 15 cows milking. His new milking parlor is a 4-stall backyard type.

Mr. Fulton helped organize the DHIA in his district and is secretary of the local artificial breeding association, which he served for awhile as inseminator. He has reason to be very happy with the artificial insemination program. "Out of the first 14 calves dropped by my cows 13 were heifers," he reports.



A WIRE MESH rack on which to hang dairy equipment helps cut down bacteria count, finds George Fulton, Elk county, who recently completed his new grade-A milk barn.

How to Pick a Power Sprayer

TO STAND UP under almost daily use on the farm "in season," a power sprayer must be of rugged construction. In choosing a sprayer, says Farm Equipment Institute, Chicago, you need to consider several factors:

(1) Economy. Think of the initial cost—low "first" cost may mean poor design or inherent weakness. Consider usefulness, durability under heavy use, efficiency and dependability in spray application, and maintenance and repair costs.

(2) Convenience. A simple, tractor-mounted, low-pressure, low-gallonage sprayer may meet some of your needs. Simplicity and convenience in mounting are essential. As jobs increase, a trailer or self-propelled, high-pressure sprayer may be better. Such units usually are adaptable to low-pressure and low-gallonage applications as well as to jobs that require higher pressures. Also, they handle a wider range of spray materials, including lower-cost, wettable powders. If only one sprayer can be afforded, many farmers prefer it be an all-purpose trailer or self-propelled, high-pressure type. Initial cost may be greater but this type is best selection on many farms because it can be used for more jobs and has many other desirable, practical features.

(3) The pump. The heart of a sprayer—pump—determines to considerable degree what sprayer will do. It needs to be of sturdy construction; built of materials that do not easily corrode; provide a range of pressures adapted to various jobs, and have ability to maintain different pressures under actual working conditions. Positive-type

pumps include both gear and piston pumps. Piston pumps are designed for high pressures, also can be regulated for low pressures. Gear pumps also will provide pressures in range from 25 to 150 pounds needed for a lot of spraying jobs. Positive-type pumps also are suited to any type of material without excessive wear—materials that may vary from clear liquids to suspensions, such as wettable powders. Capacity of pump should be able to discharge several times the amount of spray required by nozzles when working at low gallonage, such as 5 to 10 gallons per acre.

(4) Mechanical agitation. For application of suspension sprays, positive mechanical agitation of spray materials is desirable—this assures uniformity in spray applied at any level in tank. Use non-corrosive materials in spray tank.

(5) Type of hose. Ordinary garden hose will not hold up under heavy use of spraying operations. Many well-engineered sprayers provide hose of such materials as neoprene or other synthetic rubbers—more resistant than natural rubber to oils and other ingredients in sprays.

(6) Nozzles. To avoid clogged nozzles, equip sprayer with strainers or filters—including intake, discharge and nozzle screens. Selection also may be determined to some extent by boom arrangement and construction.

(7) Established manufacturer. You can't go far wrong if you choose a "make" of sprayer that has a firm reputation of several years and assurance of quick delivery on repair parts by local dealer.

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SHUR-RANE
The Pioneer System of Water-Saving, Sprinkler Irrigation

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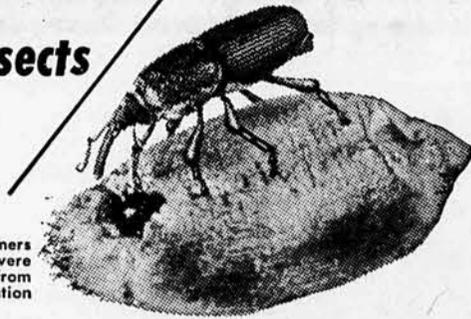
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**Only 75 Pounds Protects 1000 Bushels
For Entire Storage Season**

Stored wheat on your farm can be protected from storage insects like the granary and rice weevils, angoumois grain moth, cadelle and others—even in open bins. Pyrenone Wheat Protectant works entirely differently from anything previously available for this job. Pyrenone protects grain from becoming infested — it is not a cure to kill the bugs after they have infested the grain. Pyrenone is not a fumigant — you don't need airtight bins to use it, and you don't have to worry about it damaging the grain or poisoning livestock. Pyrenone Wheat Protectant has no toxic hazards for you when you apply it, and Pyrenone-treated grain can be used for feed, for food or for seed. The insecticide is in a wheat-product carrier base, so your grain is not "contaminated" by it.

When you put your new crop of wheat into storage, just apply Pyrenone Wheat Protectant. It can be done by a mechanical dispenser on the combine, by sprinkling it into the grain box, by spread-

"My results with Pyrenone Wheat Protectant were excellent. It really prevented insect damage to my stored wheat. It's easier to prevent insect damage than try to cure it." — *Cornie E. Dyck, Route 1, Newton, Kans.*

ing it on the truckload of grain and cutting it in, by sprinkling it on the elevator or conveyor, or by spreading it in the bin as the grain goes in. Whichever way you use it, Pyrenone Wheat Protectant will stop weevil damage to your grain for the entire storage season.

Hundreds of wheat-belt farmers have already used Pyrenone to protect their stored grain and tests on many Kansas farms conducted by Kansas State College proved the effectiveness of Pyrenone control.

You'll find Pyrenone on sale at leading farm supply stores. Ask your dealer today for your supply — the 50-pound bag will treat 666 bushels of wheat at a cost of less than 2½ cents per bushel. Don't let the weevils take your profits — this year's crop is all yours!

ALSO AVAILABLE—Pyrenone Grain Protectant®—is another formulation of Pyrenone for protecting corn, oats, barley, rye, sorghum, rice and other crops in storage. One pound treats 10 bushels of grain and gives season-long protection, even on unshucked corn and on corn in open cribs.



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WILLIE
WEEVIL

Pyrenone*

WHEAT PROTECTANT

See Your Local Dealer for Pyrenone Protectants

- | | |
|---|---|
| <p>COUNTY—Dealer, Town
ALLEN—Humboldt Co-op Assn., Humboldt
ANDERSON—Garnett Elevator Co., Garnett
Spradlin Pharmacy, Garnett
Greeley Cooperative, Greeley
ATCHISON—Farmers Union Co-op Assn.,
Lancaster
BARBER—O. K. Cooperative Grain & Merc.
Co., Kiowa
BARTON—The Clafin Grain Co., Inc.,
Clafin
Milton A. Bosse, Ellinwood
Wolf Milling Co., Ellinwood
Ochs Farm Equipment Co., Hoisington
Farmers Grain & Supply Co., Great Bend
Farmers Grain & Fuel Co., Pawnee Rock
BROWN—Brockhoff & Son Feed Store,
Hiawatha
Robinson Farmers Union Co-op Assn.,
Robinson
BUTLER—Schneider Brothers Grain, Au-
gusta
Douglass Grain Co., Douglass
The Home Grain Co., Inc., El Dorado
W. W. Oil Co., El Dorado
CHAUTAUQUA—Farmers Co-op Elevator,
Cedarvale
CHEROKEE—Farmers Co-op Assn., Colum-
bus
CHEYENNE—Bird City Cooperative, Bird
City
St. Francis Cooperative, St. Francis
Hackney Farmers Union Co-op., Winfield
CLARK—Ashland Coop., Ashland</p> | <p>COUNTY—Dealer, Town
CLAY—Farmers Co-op Shipping Assn., Clif-
ton
CLOUD—Cloud Co. Co-op Elev. Assn., Con-
cordia
Aurora Co-op Assn., Aurora
COFFEY—Burlington Elevator Co., Bur-
lington
J. R. Baxter Prod. Feed, Waverly
Star Grain & Lumber, Waverly
COMANCHE—Protection Coop., Protection
COWLEY—Bartlett & Hunt, Inc., Arkansas
City
Two Rivers Co-op Assn., Arkansas City
The Udall Farmers Union Co-op Assn.,
Udall
CRAWFORD—Frazier's Produce, Girard
Walnut Co-op Elevator, Walnut
DECATUR—Lohofener Grain Co., Oberlin
DICKINSON—Farmers Union Co-op Assn.,
Carlton
Welch Sales Company, Herington
Farmers Union Co-op Business Assn.,
Solomon
Farmers Union Coop., Talmage
DOUGLAS—Barteldes Seed Co., Lawrence
Derby Grain, Inc., Lawrence
Raney Drug Store, Lawrence
EDWARDS—Owstons Store, Offerle
ELLIS—Golden Belt Co-op Assn., Ellis
Farmers Co-op Assn., Hays
Coop Elevator Co., Victoria
ELLSWORTH—Holyrood Co-op Grain &
Supply Co., Holyrood</p> |
|---|---|

- COUNTY—Dealer, Town**
FINNEY—Garden City Cooperative Equity
Exchange, Garden City
Garden City Cooperative, Pierceville
FORD—Dodge City Cooperative, Dodge City
Kingsdown Coop. Exchange, Kingsdown
FRANKLIN—Ottawa Cooperative Assn.,
Ottawa
Farmers Co-op Mercantile Society,
Richmond
GEARY—Junction City Co-op Assn., Junc-
tion City
GOVE—Gove County Co-op Assn., Grainfield
Co-op Union Merc. Co., Grinnell
Quinter Co-op Assn., Quinter
GRAHAM—Penokee Farmers Union Co-op
Assn., Penokee
GRANT—Ulysses Grain Cooperative, Ulysses
GRAY—Garden City Cooperative, Charles-
ton
Cimarron Cooperative Equity Exchange,
Cimarron
Farmer Coop. Grain & Supply Co., Ensign
GREELEY—Greeley County Coop Associa-
tion, Tribune
GREENWOOD—Eureka Mill & Elevator Co.,
Eureka
S & E Feed Co., Madison
Schottler Hardware, Madison
HAMILTON—Farmers Cooperative, Kendall
Syracuse Coop Exchange, Syracuse
HARPER—Farmers Co-op Elevator, An-
thony
Anthony Farm Elevator Co., Anthony
Anthony Farmers Coop Assn., Corwin
Farmers Co-op Business Assn., Corwin
Imperial Mills, Harper
HARVEY—Hensley Feed & Seed Co., Burr-
ton
Buller's Feed Mills, Halstead
Farmers Coop. Grain & Mercantile, Hal-
stead
Newton Mill & Elevator, Newton
Sanner's, Newton
HASKELL—Farmers Elevator & Merchan-
dise Co., Satanta
Cooperative Grain Dealers Union, Sublette
JACKSON—Della Grain Co., Della
Belster Feed & Seed Co., Soldier
JEFFERSON—Meriden Co-op Elevator,
Meriden
JEWELL—Mankato Hatchery, Mankato
JOHNSON—Gardner Grain Co., Gardner
Lenexa Grain & Elevator, Lenexa
KEARNY—Farmers Cooperative, Lakin
KINGMAN—McKenna Grain Co., Kingman
Morton Feed Store, Kingman
KIOWA—Farmers Grain & Supply Co.,
Greensburg
Kiowa County Farm Bureau, Greensburg
The Equity Exchange, Mullinville
LABETTE—Farmers Co-op Elevator, Alta-
mont
Bartlett Co-op Assn., Bartlett
Karnes Grain Products, Oswego
Oswego Co-op Assn., Oswego
Farmers Co-op Elevator Assn., Parsons
LINCOLN—Farmers Co-op Grain Co.,
Denmark
Farmers Elevator, Lincoln
LINN—Walt Grain Co., Centerville
Farmers Exchange, Prescott
LOGAN—Standard Milling Co., Oakley
MARION—Farmers Co-op Equity Union,
Hillsboro
MARSHALL—Farmers Co-op Grain Co.,
Blue Rapids
Herkimer Co-op Business Assn., Herki-
mer
O. W. Dan Hatchery, Marysville
McPHERSON—Canton Elevator Co., Canton
Chase Grain Co., Inman
Farmers Union Elevator Co., Lindsborg
The Coop. Farmers Union Elev. Co., Mar-
quette
Community Feed & Seed, McPherson
Farmers Coop., McPherson
Graves Drug, McPherson
Wall Rozalsky Milling Co., McPherson
Moundridge Coop., Moundridge
Orths Drug Co., Moundridge
Little River Co-op Assn., Little River
MEADE—Fowler Equity Exchange, Fowler
Holmes Motor Co., Plains
The Plains Equity Exchange & Coopera-
tive Union, Plains
MIAMI—Farmers Coop., Osawatomie
Washburn Hatchery, Paola
Miami Co. Co-op Assn., Paola
MITCHELL—Jones Feed & Seed Co., Beloit
Farmers Coop. Elevator, Glen Elder
The Johnson-Thierolf Merc. Co.,
Solomon Rapids
Raney Drug Store, Beloit
Raney Drug Store, Tipton
MONTGOMERY—Cherryvale Grain Co.,
Cherryvale
Reed & Widlick Feed & Implement Co.,
Elk City
MORRIS—J. L. Launderers Milling Co.,
Council Grove
NEMAHA—James Graff, Corning
NESS—Skaggs Grain Co., Brownell
NORTON—Raney Drug Store, Norton
OSBORNE—Voss Grain & Seed Co., Downs
Raney Drug Store, Osborne
OTTAWA—C. L. Cain Grain Co., Delphos
Farmers Elevator Co., Minneapolis
OSAGE—Overbrook Farmers Union Co-op,
Overbrook
PAWNEE—Farmers Grain & Supply Co.
Burdette
Pawnee County Cooperative, Larned
Sanford Coop. Grain & Supply Co., Sanford
POTTAWATOMIE—Farmers Union Coop.,
St. Mary's
PRATT—Helmke & Son, Pratt
RAWLINS—Beardsley Equity Co-op Assn.,
Beardsley
RENO—The Co-op Exchange, Arlington
Midwest Feed Co., Inc., Hutchinson
Reno Consumers Coop. Assn., Hutchinson
Moorman Feed & Seed Co., Inc., Nickerson
Weeks Seed Co., Sylvia
Harrell Supply Co., Hutchinson
Farmers Coop Elevator Co., Nickerson
Nickerson Co-op Elevator, Nickerson

Kansas Ranch Turns Up Rare Fossil

A Kansas ranch—the Andrew Bird Ranch southeast of Quinter in Gove county—has turned up one of the most unusual fossil specimens in the world, and believed to be the only one of its kind.

George Sternberg, curator of the Fort Hays Kansas State College museum, and fossil-hunter of world-wide fame, was collector of a rare 14-foot long fish of the ancient Kansas sea with a 6-foot fish inside it. The large fish is a portheus molossus with a fillicus fish inside. The find now is on display at the museum at Hays, was discovered by professional fossil collector, Walter Sorenson. When he found the specimen, only a small portion of the lower lobe of the tail was exposed. Mr. Sorenson was working for the American Museum of Natural History and was accompanied by Mr. Sternberg who was helping to get a collection of fossils from the Cretaceous chalk of Kansas.

Fossils of the 2 fish are very rare, and double fossil is unique. The large fish is largest scale fish ever known to have existed, and it roamed the Kansas sea 150 million years ago. Mr. Sternberg says the fish are without doubt the best preserved skeletons of their kind known. One British scientist calls it "greatest specimen of its kind in the world."

Honor Kansans With USDA Awards

Several Kansans are among those honored by the U. S. Department of Agriculture in the 1953 group cited for service and achievement.

William J. Sheppard, native of Fort Scott, and who received his education in Kansas, is recipient of the William A. Jump Memorial Foundation Award. His citation reads "For exemplary accomplishment and dedication to effective public service in all administrative aspects of the machinery of government . . . in both domestic and foreign fields; for his grasp of significant elements of inter-relationships of management and program; and for demonstrated awareness to local, state and Federal government interdependence." Mr. Sheppard is assistant director for administration, office of the director for mutual security, executive office of the President of the United States.

Superior Service Awards went to these Kansans: Aaron E. Anderson, native of Eskridge; John E. Hodge, Kansas City; John B. Hurst, Howard, and C. Kyle Randall, native Kansan.

Secretary of Agriculture Ezra Benson presented the awards at special ceremonies in Washington, D.C.

- COUNTY—Dealer, Town**
REPUBLIC—Sis Seed & Fertilizer Co.,
Belleville
RICE—Farmers Co-op Grain Mill & Merc.
Co., Alden
Chase Co-op Union, Chase
Central Kansas Elevator, Lyons
RUSH—The Farmers Cooperative Co.,
Rush Center
SALINA—Salina Feed Co., Salina
Shellaburger Feed Mills, Inc., Salina
SEDGWICK—Andale Farm Coop., Andale
Valley Center Farmers Elevator, Valley
Center
Tyler Co-op Co., Wichita
Farmers Coop Elevator Co., Garden Plain
Farmers Co-op Elevator Co., Mount Hope
SHERIDAN—Hoxie Co-op Oil Co., Hoxie
SHERMAN—Goodland Co-op Equity Ex-
change, Goodland
Terminal Grain Co., Goodland
Finnegan Grain Co., Edson
SMITH—Smith Center Mill & Elevator Co.,
Smith Center
STAFFORD—Soden Implement Co., St. John
Zenith Co-op Grain Co. Zenith
SUMNER—Argonia Drug Co., Argonia
H. H. Hunter Grain Co., Corbin
Mayfield Elevator, Mayfield
Farmers Co-op Grain Co., Caldwell
THOMAS—Coffey Grain Co., Brewster
The Hi-Plains Co-op Assn., Colby
Farmers Co-op Assn., Brewster
Colby Grain Co., Colby
Raney Drug Store, Colby
Hart-Bartlett-Sturdevant Grain Co., Le-
vant
TEGO—Collyer Co-op Assn., Collyer
WALLACE—Stover Grain Co., Sharon
Springs
WILSON—Fredonia Co-op Assn., Fredonia
WOODSON—J. E. Sowder Seed Co., Toronto
Woodson County Co-op Assn., Yates Center

Thoughts TO LIVE BY

"Real Riches"

ONE CHARACTERISTIC of a great book is that a person finds something new in it every time he reads it. New light can be provided by old lamps.

There is a story about a rich young ruler in the synoptic gospels. He came to Jesus asking what good thing he should do to inherit eternal life. The Master replied by reciting the social commandments. Don't kill, steal, commit adultery, bear false witness. This exemplary leader was able to respond: "All these things have I kept from my youth up: What lack I yet?"

Then Jesus said, "If thou wouldst be perfect, go and sell that thou hast, and give to the poor, and thou shalt have treasure in heaven; and come and follow me." But when the young man heard that saying, he went away sorrowful: for he had great possessions.

Many deductions have been drawn from this interview. Here was a young man, aware of a deep, unfilled need. The prescription of Jesus was specifically for him and not for all men. Otherwise, no one could possess private property. Jesus demands a total surrender from prospective disciples. Nothing can be held back. There are undoubtedly many other comments associated with this passage. But in my illness, I found something I never saw in my health. It is the phrase which appears in all three accounts: "and thou shalt have treasure in heaven." What does it mean?

Suppose a southern planter had gone to his banker in the days when Sherman was marching toward the sea. Both men knew the war was nearly over, and defeat would be their portion. The planter had \$100,000 in Confederate currency. He asked whether there was any way

his money might be converted into English pounds or American dollars. The banker told him about an Englishman who was still buying Confederate money but at the rate of 10 to 1. For his \$100,000, the planter could get \$10,000. His first reaction was anger. He would not make such a sacrifice. Fortunately for him, he cooled down and bought the money that was good in the future with currency that was worthless a year later.

There are some riches that cannot be counted in the bank. In my illness, hundreds of cards poured in from this and other states. Many of them were from friends who share my daily life, others from friends I have not yet had the pleasure of meeting. There were so many cut flowers and plants my room looked like a florist's shop. There also were gifts of books, a game, fruit, and money. For blood transfusions, there were more volunteers than could be accepted. The telephone brought countless offers of help. Many of these, my family gratefully accepted.

And to think a few months ago, anxiety ruined some of the moments that should have been filled with happiness. Was I reluctant about some of the sacrifices I was making because they wouldn't bring me as much cash in hand as some of my neighbors had? Envy is such a subtle sin. There are still obligations to meet, more than I had before, but they don't worry me now. I know I have heavenly treasures, real riches, not the least of which is a host of friends. I am now willing to sacrifice the things I can't take with me for the things I can take along. There is a pearl of great price for which a man will give everything he possesses. —Larry Schwarz.

What's at the Bottom of It?

By CHARLES H. LERRIGO, M. D.

IS THERE ANY HELP for a woman of 47 who has heart trouble, kidney trouble, hardening of the arteries and high blood pressure?

I read the inquiry with some dismay for honesty compels me to admit such would be a very serious case. But if a doctor is worthwhile he must be able to give help. His first and most important business is to teach people so to live that such conditions will not come upon them at 47; but since they have come, he is the one to supply help. Let it be understood that many a disease that cannot be cured may still be endured very comfortably and over a long stretch of years by employing methods of aid worked out by conscientious members of the medical profession.

First thing is to find just where the trouble has its origin. One of the most absurd pretenses offered by anyone in healing sick people is to pick out the symptoms that are most prominent and pretend to cure them one by one while the basic trouble remains.

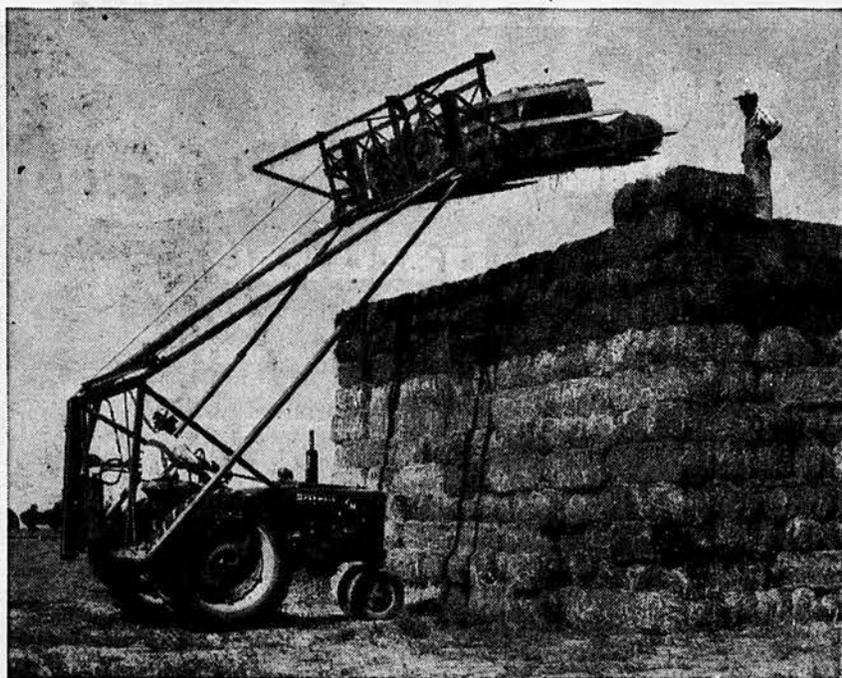
"If I could only get rid of my heart trouble!" cries the patient. But the skillful physician looks deeper. "Why does this patient have poor heart action?" he asks. "Why is there kidney disturbance? Why this hardening of the arteries?" He is content with nothing short of an examination that goes right back into the life history of the

patient and his ancestors, examines the workings of every organ of the body, checks the quality of every secretion and excretion, and searches diligently for evidence of infections, poisons, strain and energy.

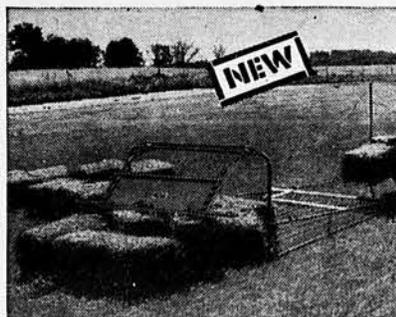
Perhaps he finds the patient suffering a persistent attack from some chronic infection such as abscess of the appendix, disease of the sinuses of the head, suppurating tonsils, infection at the roots of the teeth. He will be glad to find such definite symptoms because he can say with much assurance: "This infection could produce your heart trouble, your kidney trouble and your high blood pressure. We will clean it up and you will improve." He will not promise the patient will be cured, because, when infections have poisoned the body for months and years, the damage may be so great cure will be a very slow process of building up. But chances are, once the trouble is found, something can be done to get rid of it. And once rid of it the patient has a chance to gain; perhaps to win back complete health.

How much more sensible than attempts to take "heart medicine," "kidney medicine," medicine for "high blood pressure"; and meantime leave the seat of the trouble undiscovered. One advantage of modern clinics is to more easily explore all the possibilities that may cause poor health.

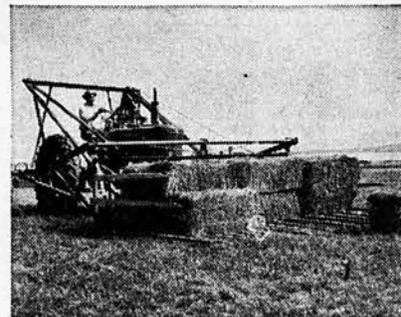
Cut bale handling costs 50% with the FARMHAND Loader-Buncher team!



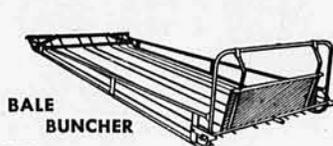
BALING COSTS ARE SHARPLY REDUCED with a Farmhand Hi-Lift Loader and Bale Buncher. The Loader with Hay Basket attachment stacks or loads up to 10 tons of bales per hour. You can build big 21-ft. stacks without wagons, trucks or skids—with less manpower too. You save up to 50% in time and labor costs. And, this versatile Loader with its 9 attachments makes all your farm lifting, loading and moving jobs easier, more economical than ever before.



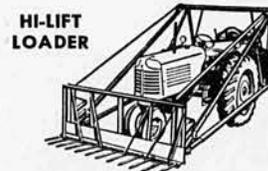
NEW FARMHAND BALE BUNCHER windrows bales for fast, easy pickup . . . a full wagon-load within a 100-ft. area. Bales drop from baler right into Buncher. Operator trips tailgate from tractor seat when Buncher is full . . . up to 7 bales to a load. Windrowing bales cuts loading time 20 minutes per ton.



SWEEP 9 TO 12 BALES at a time with the Hi-Lift Loader. It's an easy, one-man job when the Bale Buncher has windrowed the bales. With two men, one straightening bales, Loader takes 14 to 16 bales in one load. Dependable hydraulic power raises load and holds it steady for a quick run to the stack.



BALE BUNCHER



HI-LIFT LOADER



Farmhand

FIRST IN FARM MATERIALS-HANDLING

Get the Facts about FARMHAND!

Write: THE FARMHAND COMPANY, Dept. 167, Hopkins, Minn.

- Farmhand Hi-Lift Loader Farmhand Bale Buncher
 I am a student, send special material

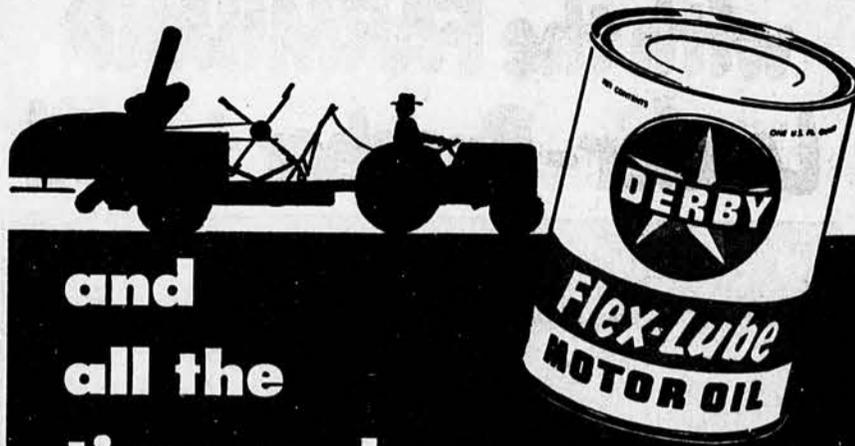
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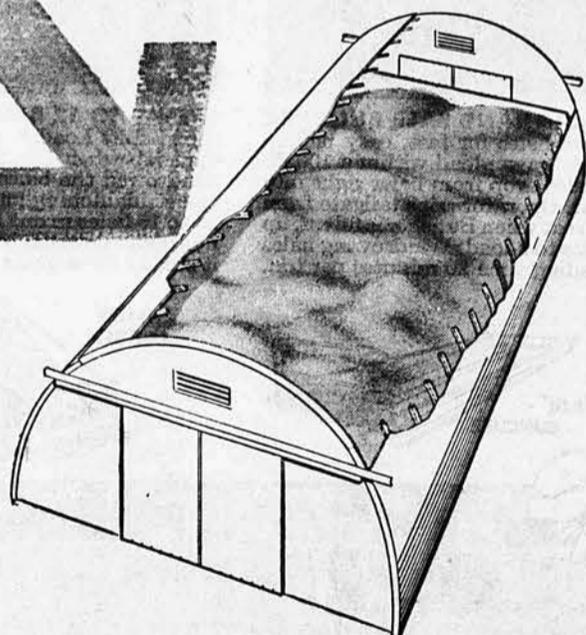
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"Old Limestone Day" Tour Proves Value of Soil Conservation



LOOKING OVER first terraces built in Kansas (in Jewell county) are, left to right: Fred J. Sykes, State Conservationist; Henry S. Blake, president and publisher of Capper Publications; Dr. Hugh H. Bennett, former chief of U. S. Soil Conservation Service, and Clyde Reed, Jewell county work unit conservationist. They toured Old Limestone area of Jewell county on 20th anniversary of building these experimental terraces.—Photo by H. V. Lyle.

MORE THAN HALF of the experimental terraces built in the Old Limestone Creek watershed, in Jewell county, in 1933, are still being maintained by farmers who operate the land. This was one of the impressive facts brought out on "Old Limestone Day" tour, held May 20 as a 20th anniversary of building of these experimental terraces. The tour and other features of the celebration were sponsored jointly by Capper Publications and the Jewell County Soil Conservation Service.

Old Limestone Day was made doubly interesting because of 2 dignitaries who were honored. One was Dr. Hugh H. Bennett, former chief of the U. S. Soil Conservation Service, who is credited with being the "Daddy" of soil conservation work in the U. S. Doctor Bennett was principal speaker at the afternoon program. The other dignitary was Dr. F. L. Duley, of Lincoln, Nebr., who was in charge of the Old Limestone project 20 years ago.

These early experimental terraces were pretty crude affairs and were generally looked upon with scorn by farmers who visited the project during and after construction. Doctor Duley, recalling his experiences building these terraces, says they had nothing to go on at the time in the way of design. "Since then," he adds, "terracing has been greatly refined and modern day terraces are a great improvement."

At one farm, visitors saw 20-year-old terraces that had been properly maintained and combined with contour farming and crop rotation. On this farm wheat has been averaging 20 bushels an acre for many years, and Doctor Bennett says the field is in much better condition now as to soil quality than it was when he first saw it some 20 years ago.

Blake Was Host

The night before Old Limestone Day, Capper Publications gave a dinner at the Mankato high school for about 100 persons in Kansas who are leaders in soil conservation work. Henry Blake, president and publisher of Capper Publications, Inc., was principal speaker. In his talk, Mr. Blake reviewed the support Capper Publications have given soil conservation work in Kansas and pledged continued support to the best interests of agriculture.

Some of the early trials in getting Congressional recognition for soil conservation were recalled by Dr. Hugh

Bennett. "We finally convinced Congress that protecting the U. S. from soil losses was just as much a part of our national defense program as building battleships," said Doctor Bennett.

Altho progress of soil conservation work seems slow, quite a lot really has been accomplished in a short time. Doctor Bennett pointed out that from 1933, when the U. S. Soil Conservation Service was organized, until 1937, all work done was experimental. First Soil Conservation district was organized in 1937, Doctor Bennett said, and now there are 2,400 districts in the U. S. He estimates total soil conservation job is 25 per cent complete.

Happy to Introduce New Staff Member



CARL EICHE

New member of *Kansas Farmer* editorial staff is Carl Eiche. He comes to us from daily paper work where he was a reporter. He was graduated from Kansas State College and recently worked with the Kansas City district offices of International Harvester.

Carl was born and reared on his father's farm just south of Atchison, Kan., and attended Atchison high school before joining the Air Force in 1946, where he served 2 years. He received his degree in agricultural administration at Kansas State in May, 1952.

COMING, JUNE 20 . . .

A former airfield now is being used to help research men find answers to crop and dairy problems in Southeast Kansas. You won't want to miss this interesting story on what developments are taking place toward solving some of the area's agricultural problems. It will be in June 20 *Kansas Farmer*.

NEW LOW COST HEALTH PROTECTION PLAN PAYS YOU CASH

12 Ways The PYRAMID PLAN Gives You More Protection at low cost in KANSAS

<p>1. PAYS CASH FOR HOSPITAL BILLS</p> <p>Up to 100 days—up to \$20 a day—for hospital room and board for each sickness or accident. No limit to number of times each year.</p>	<p>2. PAYS DOCTOR BILLS UP TO \$150 for EACH SICKNESS OR INJURY</p> <p>You receive cash payments for the doctor of your choice whether he treats you at home, hospital, or doctor's office.</p>	<p>3. PAYS CASH FOR SURGICAL EXPENSES</p> <p>Includes allowances for Doctor of your choice, Operating Room, Anesthesia, Drugs, Blood Transfusion. Even pays for fractures or minor operations in the home or doctor's office.</p>	<p>4. PAYS CASH FOR HOSPITAL OUT-PATIENT TREATMENT and Other Extras</p> <p>X-ray, Ambulance, Medicine, Metabolism, First Aid, Iron Lung, Oxygen Tents, etc. Not necessary to be confined to the hospital over night.</p>
<p>5. PAYS CASH FOR CHILDBIRTH and POLIO</p> <p>Maternity benefits included at no extra cost after 10 months. Polio benefits may be added to your PYRAMID PLAN.</p>	<p>6. "PAYCHECK" INSURANCE</p> <p>Pays up to \$200 a month when you are unable to work due to sickness or injury, in addition to benefits for hospitals, surgery, or doctor. Money to live on when you need it most!</p>	<p>7. PAYS REGARDLESS OF OTHER BENEFITS</p> <p>The PYRAMID PLAN pays you regardless of other benefits you might receive including Workmen's Compensation.</p>	<p>8. NO RED TAPE TO JOIN</p> <p>No physical examination required if you are in good health. Now is the time to investigate... while you are still eligible.</p>
<p>9. WORLD-WIDE PROTECTION</p> <p>Your PYRAMID PLAN follows you everywhere. Use any licensed hospital or doctor of your choice.</p>	<p>10. AVAILABLE TO INDIVIDUALS AND FAMILIES</p> <p>You do NOT have to be a member of a group to avail yourself of the benefits of the PYRAMID PLAN.</p>	<p>11. NO RATE INCREASE</p> <p>PYRAMID policyholders have NEVER had their rates increased once a plan was issued.</p>	<p>12. COSTS ONLY A FEW PENNIES A DAY</p> <p>Only a few pennies a day will bring the protection of The PYRAMID PLAN to the entire family.</p>

All These BENEFITS are Yours for Only a Few PENNIES a Day!

1 Out Of Every 2 Families Will Have Someone in the Hospital This Year! If you're lucky, it won't be you! But can you afford to face the 50-50 chance unprotected? A single accident or illness could rob you of your life savings...possibly plunge you into debt. Think it over carefully. Is it really worth taking the chance when you can now have PYRAMID'S COMPLETE PROTECTION for as little as a FEW PENNIES A DAY?

Available Even If You Already Have Similar Protection... Perhaps you are already carrying a hospitalization policy...but does it really cover your family completely? Medical costs have increased 100% during the past 10 years. Has your policy kept pace? One of the purposes of the PYRAMID PLAN is to give holders of group or other forms of hospital insurance the extra protection they need. Remember, the PYRAMID PLAN does not have to be taken in its entirety. PYRAMID also includes many important benefits not provided in other plans. For instance—is your INCOME insured? One of the hardest blows that can strike a household is to have the wage-earner's income stopped because of illness or accident. Just when you need the money most, expenses seem to pile up the fastest. A PYRAMID Check for \$200 coming in regularly every month while

you're unable to work could save the day. It's your money—for whatever you choose to do with it. Free from financial worries...recovery is twice as fast!

Doctor's Office and Home Calls Included, Too... Ever try to predict how much of your budget will be spent on visits to the doctor's office or his visits to your home during the year? Pretty hard to say, isn't it...for here is one item that simply can't be determined ahead of time. One thing certain, it's sure to amount to a sizable portion of your budget by the end of the year... could easily throw it completely off balance. NOT, however, if you carry the PYRAMID PLAN, for PYRAMID pays even though you don't go to the hospital! It's a rare family that fails to take advantage of this—one of the most important benefits of the PYRAMID PLAN—DOCTOR'S OFFICE and HOME CALLS! NO RED TAPE... PYRAMID PLAN is so easy to join! No physical examination is required, if you are in good health. You do NOT have to be a member of a group. CLAIMS PAID PROMPTLY IN CASH. YOU tell US where to send the money—to you, the hospital, or the doctor. PYRAMID PLAN is like "money in the bank"—readily available just when you need it most.

Picture Your Own Family... Free from worry about doctor bills hospital expenses, surgical costs or even loss of income from your regular job due to sickness or injury. This is what the PYRAMID PLAN offers you. Learn all the facts about this revolutionary health protection plan TODAY! Tomorrow may be too late!



MAIL THIS COUPON Today!

THE PYRAMID PLAN KF-6-6
 727 Minnesota Avenue
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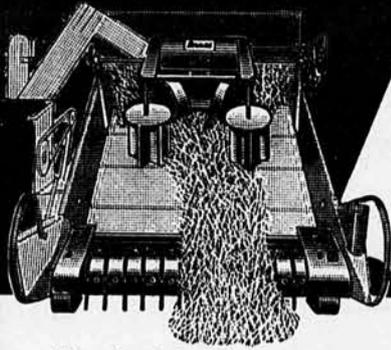
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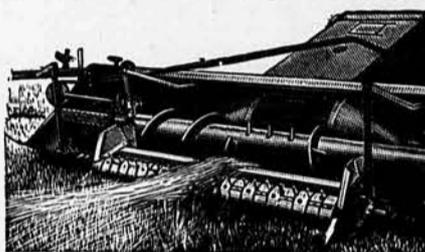
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No other pick-up gets results like an Innes! Its strong, revolving fingers lift the windrow carefully from underneath, like a huge pitchfork. They gently deposit the entire windrow, intact and unshelled, on the combine canvas. Then, on the downstroke, these patented piston fingers automatically strip themselves of entanglements. They draw completely back within the rotor, so that weeds and vines can neither wrap and stop the mechanism, nor get inside to clog the drive.

The Innes Pick-Up is so easy to handle that one man can attach it in a few minutes, without even removing the sickle guards. Stiff and spring finger models fit most combines.

This is the pick-up that gets in the most of your crop with the least time and labor! It can pay for itself the first three hours you use it! FEEDER distributes windrows equally along entire length of wide cylinder combine. Travel 1/3 faster, save up to 50% more grain and seed.

Floating Pick-up
ADJUSTS TO
UNEVEN
GROUND



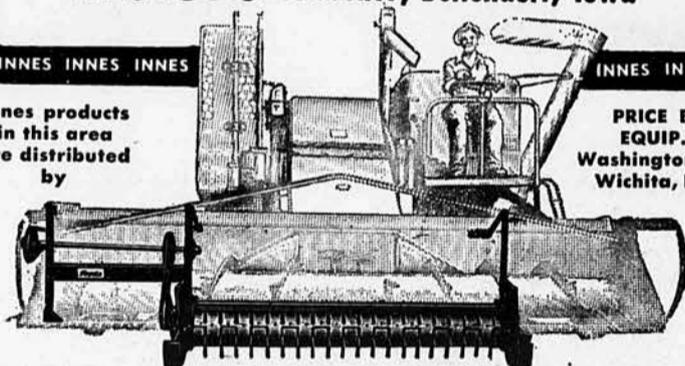
Automatically follows the contour of your field. "Floats out" hills and slopes so that you hardly need to adjust your platform at all. For self-propelled combines: custom fittings in stiff and spring finger models for Deere 55 & 65; Case M-2, K-2, S-P; Gleaner S-P; McC.-D. 125 & 127; M-H 21A, 26, 27, 70, 80, 90; M-M S-P; Oliver 33; Cockshutt S-P.

The above products handle all windrowed crops with equal ease. Precision built of finest materials.

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grain auger buy in this all purpose, built, economy priced machine. Heavy lock joint tubing, helicoid flighting; high speed sealed bearings head and tail. 20 and 26 foot fixed lengths with cable hoist, truck hitch, adjustable motor mount and belt tightener standard equipment. Rugged carrier with motor below upright. You can't beat this quality machine at its low price.

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THE WYATT MFG. CO., INC. 1903 GOLDEN ANNIVERSARY **1953**
B-190 Salina, Kansas



Dwight Hull SAYS . . .

Why Should We Name June Annual Dairy Month?

FOR SEVERAL YEARS, as most everyone knows, June has been designated as DAIRY MONTH. Perhaps we have never stopped to ask ourselves why a month should be set aside as Dairy Month, or what Dairy Month should mean to us.

In my estimation, Dairy Month should have a particular significance for everyone, if for no other reason than the fact we all are interested in good health, and dairy products have always been associated with a healthful diet. Because of the tremendous sales appeal of many products competing for the consumer's dollar, however, many people lose sight of the fact the product of the dairy cow is nature's most perfect food for which there is no real substitute. Apparently there are many people who do not agree or do not appreciate the facts of that statement.

Dairying Affects Many

There are many facts and some misunderstanding about the dairy industry that should be called to the attention of the general public during Dairy Month. For example, how many realize one out of every fifteen persons depend upon the dairy industry in one form or another for their livelihood? That dairy products supply 30 per cent of the food Americans eat for only 15 per cent of their food dollar? That in 1940 a quart of milk cost the average worker 11 minutes work while today, it costs him only 8 minutes work? That Great Britain reduced its mortality rate to its lowest recorded point as a result of a major increase in milk consumption? That we in America have increased our per capita consumption of milk from 340 pounds to 400 pounds in recent years? That cheese consumption per

person reached a new high record of 7.7 pounds in 1952? That despite the impression one gets thru news channels, that the Government is going broke buying butter, the Commodity Credit Corporation reports show that during April the Government had 90 million pounds of butter but it also had 457 million pounds of cottonseed oil, 188 million pounds of linseed oil and 100,000 gallons of olive oil, just to mention a few products purchased under the price-support program. It is estimated purchases under the support program will not exceed 4 per cent of the total dairy production for this year. The present Government holdings are less than 2 per cent.

Don't Tell Whole Story

We may be prejudiced, but it seems to us there is an unjustifiable howl raised when the Government purchases butter as a support to the dairy industry. The size of the dairy industry is such any serious decline in price would not only affect the dairymen, but could have a serious influence on our whole national economy. Then too, it is now true the grain the dairy farmer buys has a support price, and the machinery and equipment he uses has a price protection in one form or another from the Government! Dairy farmers are only asking for a square deal, and the public should have a complete picture of the price-support program.

To dairymen, Dairy Month should be a time when we better inform ourselves regarding the value of the product we produce and the size and importance of the dairy industry. We should use our influence in every way possible to see that the general public knows the true story of milk and milk products.

Garden Insects Can Be Handled In a Few Minutes a Week

By WILLIAM G. AMSTEIN, Kansas State College

DO YOU HAVE your garden pest control program ready and underway? It is time to put it into action. Early control pays best return. A good hand duster and sprayer will be needed to make use of these materials a success.

Garden insects cannot be allowed to go unchecked. This year we need to make garden time pay good returns. Plan to spend a few minutes at least once a week handling bug problems in your garden. This will give good results.

For most common garden insect problems best control material is rotenone. Use it at least once a week. Apply carefully to both upper and lower sides of leaves. Usually there are only a few insects rotenone will not control.

It is an outstanding insect control material in the garden because (1) it is effective on a large number of common garden insects, including both chewing and sucking kinds; (2) it is less poisonous to warm-blooded animals and man than other insecticides; and (3) at recommended dosages, it is

safe to use rotenone on any kind of plant. A 1 per cent rotenone dust is recommended. If 5 per cent rotenone is available, it can be used as a spray at rate of 3 level tablespoons in 1 gallon of water. Rotenone is not effective in controlling grasshoppers and oldsquash bugs.

It can be purchased at stores stocking insect control materials. Many trade names are used, but you will find rotenone in the fine print on the label.

Some insects rotenone will handle are leaf-chewing beetles and caterpillars. Bean leaf beetles, with 4 black spots on their backs, are especially bad some years on bean foliage. They are hard to find but damage they cause is very noticeable. Damage looks like somebody shot the leaves full of holes.

Worms on cabbage, lettuce, cauliflower and broccoli; aphids on turnips; spotted and striped cucumber beetles too commonly found on cucumbers, as well as worms on cucumbers and cantaloupes, will be controlled by the early, thoro, and frequent use of rotenone.

(Continued on Page 15)

COMING NEXT ISSUE . . .

Can you tell a tornado when you see one? Strangely enough, many other cloud formations are similar in appearance to tornado clouds and are often mistaken for them at a distance. In the June 20 issue, **Kansas Farmer** will carry a story on tornadoes with pictures of various cloud formations and many interesting facts about nature's most destructive type of storms.

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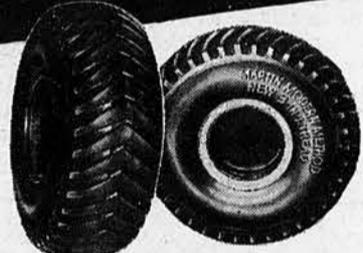
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It is the active ingredients or strength of the material contained in the package that is important in control results. Since percentage of active materials is often shown in very small print on the label, take a little extra time to read it. Find out what you are buying. Look for the decimal point and the numbers with it.

Last winter you may have used rotenone (derris) for cattle grub control. When diluted it is a good garden insect control. It can be diluted with sulfur or flour when used as a dust. Do not use lime.

Waxy aphids on cabbage and broccoli as well as leafhoppers on potatoes and beans are not usually controlled by rotenone.

Where aphids (plant lice) or leafhoppers prove a problem, it may be necessary to use some form of nicotine sulphate such as Black Leaf 40, either as a dust or spray.

Cutworms Are Working

Many are reporting trouble from cutworms this year. Some follow the practice of sinking small cans a few inches in the ground to protect young plants. Others use a paper collar or wrap around the stem that extends an inch or two above and below the ground line. This should be kept about 1/2 inch from the stem of the plant. It is well to plan on this cutworm problem since best plants are usually put out and lost first.

A poison bait can be made up to be scattered thinly over the ground before plants are put out or later if needed.

Squash bugs are often a real problem. Rotenone will handle the young, soft-bodied ones. However, it will not control the old-timers. Hand picking will likely do the job early in the season. Later Sabadilla will do a good control job. Sabadilla also will handle harlequin cabbage bugs and blister beetles. It is not too commonly stocked in some areas. Methoxychlor could be used.

Blister beetle control is often a real problem in some gardens. Double strength DDT is usually effective as a control measure.

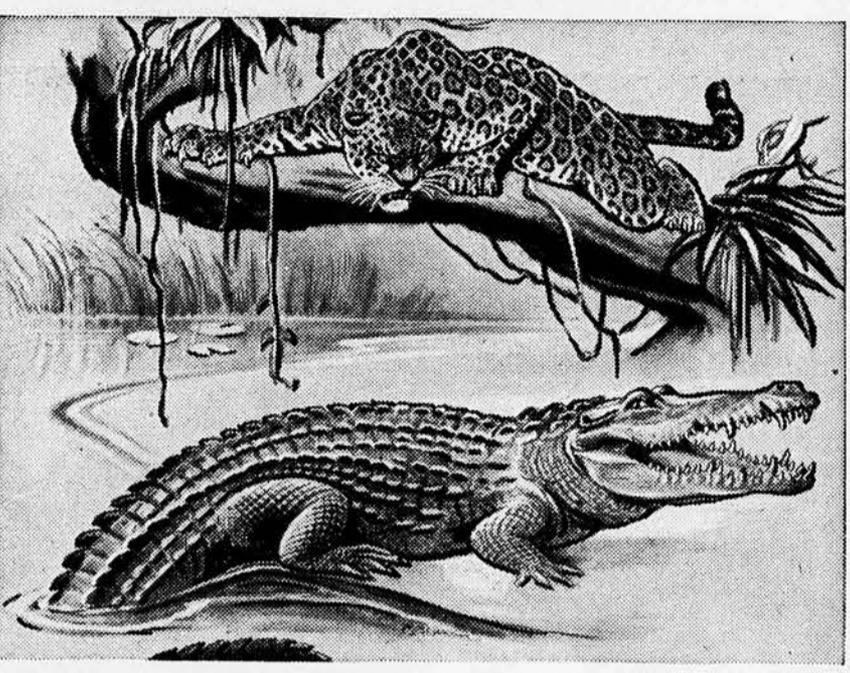
MARKETING VIEWPOINT

By LEONARD W. SCHRUBEN

We read and hear a lot about the quantity of farm products owned by the Government or under price supports. Could you tell me what commodities have been supported?—A. M.

Last time I checked there had been price-support programs, surplus-removal programs, and export or division payments by the U. S. Department of Agriculture on the commodities listed here. I do not believe any new commodities have been added recently. This list includes all support and surplus-disposal programs since the early 1930's which includes periods of depression, war and inflation:

- Almonds, apricots, apples, beans, dry edible; blackberries, canned; butter.
- Castor beans, cheese, cattle and calves, corn and corn products, cotton and cotton products, cottonseed, coffee.
- Dates, eggs, figs, fiber flax, filberts, fish, flaxseed, grain sorghums, grapefruit, grapes.
- Hemp, hempseed, honey, hops, lard and shortening, linseed oil, loganberries, milk.
- Oats, olive oil, oranges, peaches, pears, peas, dry edible; peanuts, peanut butter, pecans, plums, pork, potatoes, Irish; prunes.
- Raisins, rice, resin, rye, seeds, winter cover crop; seeds, hay and pasture; soybeans, starch, sugar, sweet potatoes, sirup.
- Tangerines, tobacco and tobacco products, turkeys, turpentine, tung oil, wheat and wheat products.
- Vegetables, garden: Beans, fresh green; beans, lima; beets, cabbage, carrots, cauliflower, celery, chard, kale, onions, peas, fresh green; spinach, squash, tomatoes, turnips.
- Walnuts, watermelons, wool and mohair.



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 - **Acidproof**—secret process renders AC Aluvac material resistant to acid, gasoline and water.
- There's an AC Aluvac Element designed to fit most any type of oil filter on any make of car. Get AC and get complete engine protection.

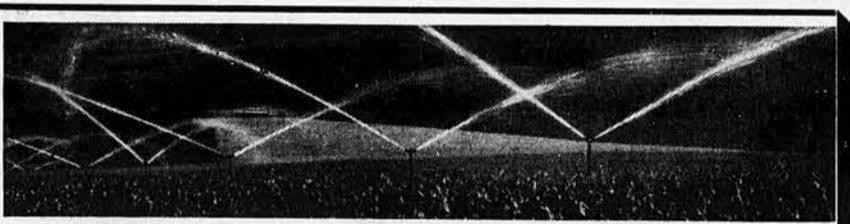


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COMING EVENTS

- June 5-7—16th annual Flint Hills Rodeo, Strong City.
- June 6—Morton county fair board meeting with chairmen and other committeemen, Elkhart City Hall, 8 P. M.
- June 7-10—Montgomery county southeast junior leadership camp, Cedar Bluff Camp, Coffeyville.
- June 7-10—Johnson county 4-H camp, Rock Springs Ranch.
- June 7-10—Neosho county 4-H camp, Rock Springs Ranch.
- June 8—Cheyenne county 4-H judging, fitting and showing school with V. E. McAdams of KSC, St. Francis.
- June 8—Small Grain Field Day, Hutchinson.
- June 8—Doniphan county 4-H livestock judging school, Jackson county.
- June 8—Shawnee county land judging school.
- June 8—Rush county crops tour.
- June 8—Reno county crops tour.
- June 8—Jackson county district 4-H Club livestock judging school, Holton, 9 A. M.
- June 8-9—Kansas Farm Bureau State Dairy meeting, Topeka, Assembly Room, Municipal Auditorium.
- June 8-9—Ottawa county foods and nutrition leader training meeting, Extension room, 10 A. M.
- June 8-9—Kansas Farm Bureau state dairy meeting, Topeka.
- June 8-10—Anderson county 4-H Club camp.
- June 8-10—Anderson county 4-H camp, Rock Springs Ranch.
- June 8-13—Refresher Course for Vocational Agriculture teachers, Manhattan.
- June 9—Morton county North Westola Home Demonstration Unit meeting, afternoon.
- June 9—Anderson county district beef judging school, Franklin county.
- June 9—Kingman county crops field tour.
- June 9—Pawnee county crops and conservation tour.
- June 9—Small Grain Field Day, Kingman.
- June 9—Doniphan county balanced farming tour, 9 A. M. to 4 P. M.
- June 9-11—Seed Dealers Conference, Manhattan.
- June 9-11—Ford county district junior leadership camp, Southwest 4-H camp, Dodge City.
- June 10—Morton county Yucca 4-H Club meeting.
- June 10—Cowley county district 4-H Club livestock judging school, Winfield.
- June 10—Ellis county land judging school, Hays.
- June 10—McPherson county crops and soils tour, McPherson county, and Canton Experiment Station, Canton.
- June 10—Weed Control Field Day, Canton.
- June 10—Osage county home management training school, Lyndon, 10 A. M.
- June 10—Wallace county livestock judging school, 10 A. M.
- June 10-12—Morton county southwest junior leadership camp.
- June 10-12—Finney county junior leadership, Southwest 4-H Club camp, Dodge City.
- June 10-12—Barton county leader training school in health with Martha Brill, of KSC.
- June 10-12—Comanche county junior leadership 4-H camp, Ford county 4-H camp.
- June 10-13—Norton, Decatur, Phillips, Rooks, Graham and Sheridan counties 4-H camp, Rock Springs Ranch.
- June 11—Morton county Richfield Home Demonstration Unit meeting.
- June 11—Rice county 4-H Club leaders meeting, Agricultural building, 8 o'clock.
- June 11—Miami county 4-H Club demonstration school, Paola, 1 to 3 P. M.
- June 11—McPherson county district 4-H Club dairy showing and fitting contest, McPherson 4-H Club building.
- June 11—Osage county farm and home picnic and tour, 12 noon.
- June 11—Small Grain Field Day, Dodge City.
- June 11—Ford county wheat field day, Experimental field south of Dodge City, 2 P. M.
- June 11—McPherson county district artificial breeding meeting, McPherson.
- June 12—Finney county small grain field day, Garden City Experiment Station, 1:30 P. M.
- June 12—Barton county annual crops tour.
- June 12—Cowley county district 4-H Club dairy judging school, Arkansas City.
- June 12—Small Grain Field Day, Garden City.
- June 13—Miami county-wide 4-H Club livestock tour from 10 A. M. to 3 P. M.
- June 13—Woodson county district 4-H judging school with Ralph Bonewitz of KSC, Allen county.
- June 13—Annual Cimarron Crossing celebration, Cimarron.
- June 13-14—Topeka Roundup Club benefit horse show, Topeka Free Fair Grounds. Performances: 8 p. m. Saturday, 2 p. m. Sunday, and 8 p. m. Sunday.
- June 15—Ellis county wheat field day, Hays Experiment Station.
- June 15—Morton county DIY 4-H Club meeting.
- June 15—Johnson county 4-H room improvement tour.
- June 15—Pottawatomie county crops tour with L. E. Willoughby of KSC.
- June 15—Small Grain Field Day, Hays.
- June 15-17—Greenwood county 4-H Club camp, Rock Springs Ranch.
- June 16—Marshall county home economics judging school, Washington.
- June 16—Small Grain Field Day, Tribune.
- June 16—Wallace county Small Grain Field Day.
- June 16—Wabaunsee county agronomy field day.
- June 17—Thomas county small grain field day, Colby Experiment Station.
- June 17—Small Grain Field Day, Colby.
- June 17—Shawnee county crops tour.
- June 17-19—Douglas county 4-H health camp, Rock Springs Ranch, Junction City, Kansas.
- June 17-20—Morton county 4-H Club health camp, Rock Springs.
- June 17-20—Montgomery-Cherokee counties 4-H Club camp, Cedar Bluff Camp, Coffeyville.
- June 17-20—Doniphan county 4-H Health Camp, Rock Springs.
- June 17-21—4-H Health Camp, Rock Springs.
- June 17-21—Barton county 4-H Club health camp, Rock Springs Ranch.
- June 17-24—National 4-H Club Camp, Washington, D. C.
- June 17-24—National 4-H Club Camp, Washington, D. C.
- June 18—Cheyenne county spring wheat field day with Frank Bieberly and Norman Whitehair of KSC, E. W. Underwood farm, Bird City.
- June 18—Greenwood county Harmony 4-H Club tour, Piedmont, 1 P. M.
- June 18—Small Grain Field Day, Mankato.
- June 19—Anderson county district dairy judging school, Franklin county.
- June 19—Small Grain Field Day, Bolleville.
- June 22-24—Douglas county 4-H Club camp, Rock Springs Ranch, Junction City.
- June 24—Doniphan county 4-H Club dairy judging tour, 1 to 4 P. M.
- June 24-27—Rawlins county 4-H Club camp, Rock Springs Ranch.
- June 24-27—Wallace county 4-H Club camp, Rock Springs Ranch.
- June 26—Douglas county 4-H Club dairy school.
- June 26—Nemaha county dairy tour.
- July 1—Barton county home economics advisory meeting, Beaver.
- July 1-4—Jefferson county 4-H Club camp, Rock Springs.
- July 1-4—Woodson county 4-H Club camp, Rock Springs Ranch.
- July 2—Elk county balanced farming and family living tour.

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Association of
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WASHINGTON 6, D. C.

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THAT STARTED

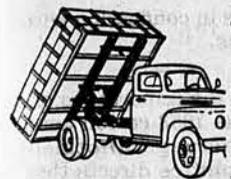
"Mother's Day"

To find beginning of this important event, one goes way back to an ancient Grecian ceremony. Every spring the Greeks held a festival to honor Rhea, the "Mother of the Gods." Centuries passed, and then Christians dedicated the 4th Sunday before Easter to the Mother of Jesus. Living mothers, too, were remembered with gifts. During Civil War days, Julia Ward Howe proposed that Independence Day be recognized as Mother's Day. Our modern-day Mother's Day began at Henderson, Ky., in 1887. Mary Towles Sasseen, a schoolteacher, invited mothers to attend a special musical program in their honor. She made the ceremony an annual event, devoted her life to setting up Mother's Day programs in other states. Anna Jarvis, Philadelphia, did similar work, and in 1914 President Woodrow Wilson signed a congressional resolution setting aside the second Sunday in May as Mother's Day.

(EDITOR'S NOTE: What's your favorite saying? Send it in, we'll try to find its origin, and tell you about it in this box.—R. H. G.)



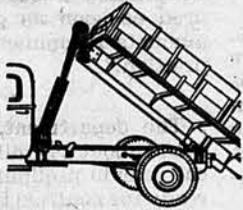
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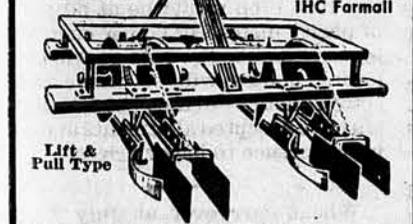
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These Folks Won In Dairy Contest

REPORTS of the following Kansas Farmer dairy judging contests have been received. These contests were held as part of the annual spring dairy shows.

Southern Kansas Guernsey Show, Newton: Floyd E. Hershberger, Newton, 1st; George J. Jost, Hillsboro, 2nd; H. H. Hiebert, Hillsboro, 3rd; Tim Hershberger, Gypsum, 4th, and Bob Hershberger, Sedgwick, 5th.

Southeast Kansas Guernsey Show, Parsons: Merdith Barrager, Oswego, 1st; Roy Nehr, Oswego, 2nd; Lyle Nehr, Oswego, 3rd; Karl Ness, Parsons, 4th, and Ed Dickerson, Parsons, 5th.

Northeast Kansas Guernsey Junior Show, Holton: Jim Bradley, Holton, 1st; Kenneth Gharst, Holton, 2nd; Don Jenkins, Holton, 3rd; Lowell Moser, Powhattan, 4th, and Kaye Moore, Holton, 5th.

Northeast Kansas Guernsey Senior Show, Holton: Keith Wagner, Holton, 1st; Evelyn Wagner, Holton, and Mrs. L. McGiness, Holton, tied for 2nd; Ray Shetron, Soldier, 3rd; Mrs. Alva Lewis, Hiawatha, 4th, and Mrs. Harvey Buehler, Mayetta, 5th.

East Central Kansas Holstein Show, Lawrence: Marcy Kalb, Wellsville, 1st; F. R. Wempe, Lawrence, 2nd; Arthur Jensen, Olathe, 3rd; Margaret DeTau, Olathe, 4th, and Ronald Robb, Lawrence, 5th.

Northeast Kansas Holstein Show, Horton: H. C. Olsen, Everest, 1st; Paul Rottinghaus, Seneca, 2nd; Clarence Torkelson, Willis, 3rd; Mat Reeder, Seneca, 4th, and Frank Rottinghaus, Seneca, 5th.

Capitol Kansas Holstein Show, Topeka: Mrs. Harlan Phillips, Mayetta, 1st; E. C. Coleman, R.F.D. Topeka, 2nd; Robert Hubbard, Emporia, 3rd; Howard Vernon, Admire, 4th, and Glenn Palmer, R.F.D. Topeka, 5th.

North Central Kansas Holstein Show, Linn: Carl Beyer, Belleville, 1st; Martin Ohlde, Linn, 2nd; Waldo Nelson, Waterville, 3rd; Louis Platt, Lebanon, 4th, and Beberly Platt, Lebanon, 5th.

Ark Valley Kansas Holstein Show, Newton: Mrs. Roy Hopkins, Clearwater, 1st; Roy Hopkins, Clearwater, 2nd; Quentin J. Kubin, McPherson, 3rd; Robert Seimens, Burrton, 4th, and Dale Kubin, McPherson, 5th.

Northwest Kansas Holstein Show, Ness City: Frank Zitmark, Ransom, 1st; Emanuel Stenzil, WaKeeney, 2nd; Mrs. Ed Fellers, Hays, 3rd; Richard Degal, Ness City, 4th, and Bill Steiben, Bazine, 5th.

South Central Kansas Holstein Show, Kingman: Morris Redfern, Manchester, Okla., 1st; Leo H. Hostetler, Harper, 2nd; Dale Hughes, Waldron, 3rd; Mrs. Leo Hostetler, Harper, 4th and Luther Shetlar, Conway Springs, 5th.

West Central Kansas Holstein Show, Ellinwood: Vernon DeWerrf, Ellinwood, 1st; Lester Conner, Lyons, 2nd; Chester DeWerrf, Ellinwood, 3rd; Gene Franklin, Hutchinson, 4th, and Harley Martin, Larned, 5th.

Central Kansas Holstein Show, Salina: Mrs. J. W. Carlin, Smolan, 1st; Mrs. Kurt Forsberg, Mentor, 2nd; Mrs. Ted Buhler, Assaria, 3rd; Darrell Beach, Smolan, 4th, and Glen Forsberg, Mentor, 5th.

Southeast Kansas Holstein Show, Iola: Glen Childers, La Harpe, 1st; Roy Conger, Iola, 2nd; Louis Poole, Bronson, 3rd; Joseph Ziba, Moran, 4th, and Earl Benjamin, Garnett, 5th.

Northeast District Ayrshire Show, Effingham: Mrs. Wayne Anderson, Ottawa, 1st; Owen K. Linscott, Effingham, 2nd; Mrs. John C. Keas, Effingham, 3rd; Donald Henry, Nortonville, 4th; John C. Keas, Effingham, 5th.

Southeast District Ayrshire Show, Columbus: Robert Karr, Humboldt, 1st; August Flake, LeRoy, 2nd; Wesley Bailey, Hiattville, 3rd; A. F. Boite, Hepler, 4th; R. C. Hendershot, Hiattville, 5th.

Southeast District Milking Shorthorn Show, Erie: Mrs. Loulla B. McClintick, Walnut, 1st; John Maxwell, Howard, 2nd; Orley Hermon, Waverly, 3rd; S. T. Casey, Waverly, 4th; Mary Ambrose, Fredonia, 5th.

Northeast District Milking Shorthorn Show, Topeka: Nels Torkelson, Everest, 1st; Mrs. John E. Tate, Horton, 2nd; Mrs. Minor Stallard, Onaga, 3rd; John E. Tate, Horton, 4th; Ben Wassenberg, Marysville, 5th.

North Central District Milking Shorthorn Show, Herington: Noel Poersch, Barnes, 1st; W. A. Hegle, Lost Springs, 2nd; Charles Dalquest, Wilsey, 3rd; Weldon Hegle, Lost Springs, 4th; Charles Helnze, Willson, 5th.

South Central District Milking Shorthorn Show, Hutchinson: Mrs. Carl T. Stucky, McPherson, 1st; Mrs. Gus Heidebrecht, Inman, 2nd; J. E. Ediger, Inman, 3rd; Mrs. C. O. Heidebrecht, Inman, 4th; C. O. Heidebrecht, Inman, 5th.

Southwest District Milking Shorthorn Show, Dodge City: Roland Schmidt, Pawnee Rock, 1st; C. L. Alpers, Hudson, 2nd; Howard R. Lucas, Macksville, 3rd; Isom V. Wright, Great Bend, 4th; Mrs. Louise Garetson, Copeland, 5th.

Northwest District Milking Shorthorn Show, Hill City: Eddie Wolf, Quinter, 1st; John Yelek, Rexford, 2nd; Al Weis, Dresden, 3rd; Mrs. A. Weis, Dresden, 4th; Fred Rogers, Menlo, 5th.

For a Smooth Cut
When cutting meringue on a pie, butter the knife to prevent tearing the meringue.—M. E. L.

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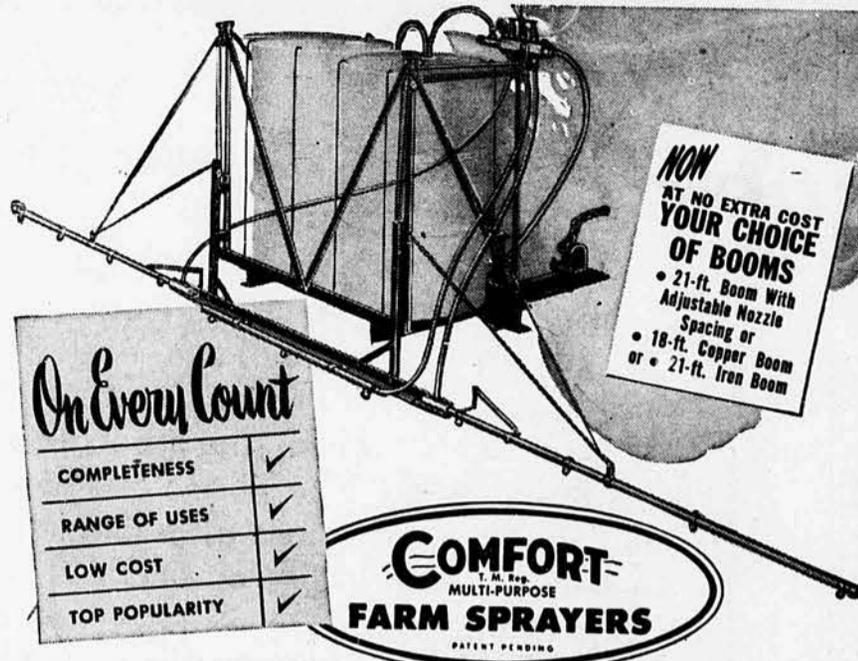
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Make Start on Watershed Program

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

WASHINGTON D. C.—From the long-range view, perhaps the most significant agricultural development in this first session of the 83d Congress is action of the House appropriations committee recommending an appropriation of 5 million dollars to initiate "upstream watershed" programs for 50 projects in 29 states.

All of them are in small watersheds. There is a top limit of 3 million dollars of federal funds for any one project. Justifying the initial appropriation of 5 million dollars—not in either the Truman or the Eisenhower budget, but understood to have White House approval—the committee report states:

"According to information received from the department (of agriculture) there are 99 areas where detailed studies have been completed and where this work is needed.

"Funds included under this heading in the accompanying bill provide for watershed treatment on 50 locations considered as pilot plant areas to determine the ultimate value of this work. Total limit of the federal cost on all 50 projects is 29 million dollars and total expenditures (federal) on any one project will not exceed 3 million dollars.

"Department officials state priority of selection of projects to be undertaken will be based on degree of local interest and ability of local organizations to provide 50 per cent or more of the funds required, in addition to urgency of specific problems involved in such watersheds.

"The program recommended is to be carried out under public law 46—74th Congress, which authorizes the Secretary of Agriculture to conduct surveys, investigations and research relating to the character of soil erosion and preventive measures needed, and to carry out preventive measures, including, but not limited to, engineering operations, methods of cultivation, the growing of vegetation, and changes in the use of land.

"It is the intention of the committee that this program be carried out in accordance with the authority in this act."

A warning to upstream watershed advocates that such programs, while undoubtedly of great value in conserving precious topsoil and in holding water "where it falls," do not necessarily mean none of the big, main-stem dams will be needed for flood protection down stream, is sounded by Gladwin E. Young, field representative of the Department of Agriculture at Lincoln, Nebr., and carried in the committee hearings.

One further statement from the committee report:

"The committee believes the soil is our greatest physical asset and that everything possible must be done to protect and conserve it. Information before the committee shows that, since the founding of this nation, 40 per cent of our crop land has been put out of production by erosion and that erosion is now under way on an additional 20 per cent.

"While loss to the Nation in property damage due to floods is a serious problem, as was demonstrated several years ago in the Kansas-Missouri floods, this loss can be replaced. The loss of the soil itself, on the other hand, is a permanent loss to the entire population of the country."

Also significant is that the appropriation committee added an entirely new item, not recommended in the budget, of \$29,250,000 for anticipated acreage controls on wheat and cotton. Broken down, \$13,781,000 "for establishing controls on wheat, \$15,469,000 for establishing controls on cotton," in addition to \$6,000,000 for continuation of control on peanuts and tobacco, and \$250,000 for assistance to selective serv-

ice authorities in connection with farm labor problems.

"In view of the importance of measurement of the 1953 cotton acreage in establishing acreage allotments for 1954, the committee directs that acreage planted to cotton this year be measured as soon as possible within the amounts recommended in this appropriation."

The department, by the way, will spend about 4½ million dollars this fiscal year in preliminary work. Getting ready for controls is an enormous task. Around 3½ million farms will have to be studied to figure what part of the national allotments will be allotted to each wheat or cotton farm.

Also, barring unusually bad weather or some unexpected world developments that would call for huge exports, farmers producing these 2 crops are in for a jolt when the allotments are announced.

Assuming this year's wheat crop will be about 1,025 million bushels, the formula would call for a 1954 crop of around 700 million bushels. This would mean a reduction from 77 million acres (estimated) for 1953 to about 46 million acres for 1954 crop. However, such an asked-for cut is impossible; the law carries a minimum of 55 million acres. Cut may be somewhere between 25 and 30 per cent, to 56 or 60 million acres.

It is questioned in Washington whether two thirds of the wheat growers will vote for marketing quotas on that basis. However, wheat farmers will face this alternative. If accompanying wheat marketing quotas are voted down, then the price-support for the 1954 crop would be at 50 per cent of parity instead of 90 per cent. Washington guess is the vote on wheat marketing quotas will be closer than on cotton quotas—in the past cotton growers have accepted allotments and quotas in preference to lower prices.

Wheat carryover at July 1, is expected to be around 575 million bushels, most of it owned by the Commodity Credit Corporation. Add that to the expected 1,025 million bushels of 1953 crop, and you have a wheat supply of 1.6 billion bushels, equaling the 1942 record.

Looks right now there will be a record grain jam this year. Huge wheat supply will tax storage and transportation facilities to the limit. There also is a near-record supply of corn in storage. Much grain now in storage in Kansas-Missouri-Colorado area will have to be moved south to make room for 1953 wheat. Railroad officials anticipate serious congestion—car shortages, terminal embargoes.

Commodity Credit Corporation can help some in the East. Already 50 ships, lying idle in Hudson river, are taking on grain cargoes (storage). In the Southwest, USDA is looking for partly-empty warehouses and airplane hangars. And USDA also is putting on an "educational" campaign to get quotas approved by wheat growers. All these ideas are helpful to agriculture.

With all these things hanging over the wheat market, it doesn't require too much imagination by those acquainted with the situation, to visualize what would have happened to the wheat market if the Food and Drug Administration had started its rather senseless "weevilly wheat" program July 1. Fortunately Secretary of Health, Education and Welfare Oveta Culp Hobby, who is a good business woman in her own right, took less than an hour after getting acquainted with the situation to countermand the order.



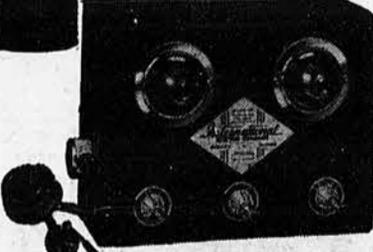
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Our Readers Want to Know

Can you tell me the name of the tiny, tiny bird I have seen around the house. It is still smaller than the house wren, came here earlier, looks a little like a wren but has a white stripe on each wing which shows when wings are closed. He is a lively fellow and I only hear him say "tweet."—Mrs. P. B. Cole

Your little visitor was a kinglet, one of 2 kinds. From your description of the song, you must have seen the golden-crowned kinglet which winters in this area. This bird has no eye ring and except for the young, has a white and black-bordered crown-patch in the female and orange in the male, hence the name.

The ruby-crowned kinglet is found during migrations only and rarely in winter. He has a distinct eye ring and the male has a ruby crown which is not distinct except when flashed by the bird. Both are active birds with much wing flitting. The ruby-crowned has a beautiful song which is amazingly loud for so small a bird.

Last year to my amazement, I saw a red-headed woodpecker taking a walnut up a tree! It was hard to believe my eyes but called my husband to see this piece of work. He had the nut between his breast and his beak, used a push-up method. When about half-way up the tree, the walnut dropped to the ground. We did not continue watching for it was too long a process. Have you ever known this to happen before?

My husband wants to know when we may look for the martins. Our martin box is up and every day, we destroy sparrow nests.—Mrs. Paul Ellis

This is an interesting observation on the habits of the red-headed woodpecker and one which is not often seen. I cannot find any other record of this action. However, woodpeckers often feed on various kinds of nuts, especially acorns and pecans. One woodpecker bears the name acorn woodpecker because of this eating habit. Martins arrive about the third week in March.

Yes, I have a question about birds. I would like to know whether the pelican is an American bird. — Mrs. Lura Michel

Pelicans are definitely American birds, in fact, we have 2 kinds, the white pelican which is the larger and the brown pelican. The white pelican has a wing spread up to 9 feet. This bird often crosses Missouri in migration and a flock of several hundred is an impressive sight.

The brown pelican is smaller and seems to prefer fishing in salt water.

I am very much interested in birds and watch them all I can. I will be very grateful if you can tell me where I can get information about birds and pictures of them.—Frances Koons

There are many good bird books on the market but one of the best for all types of birds in your area is Roger Tory Peterson's "Bird Guide for Eastern United States." This book contains information on both land and water birds and is filled with many colored pictures on which your attention is called to the different markings which help you identify the bird. This book is priced at \$3.75 and can be purchased from the National Audubon Society, 1130 Fifth Avenue, New York 28, N. Y., or from the Pierce Book Company at Winthrop, Ia.

If you are interested only in land birds, the Audubon Bird Guide by Richard Pough is excellent and is priced at \$3.50. Pough has also written a book on water birds. These books may be bought from Pierce's also.

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Use kitchen tongs instead of a fork when turning steak or chops in the broiler. This prevents piercing the surface of the meat which allows the juices to escape.

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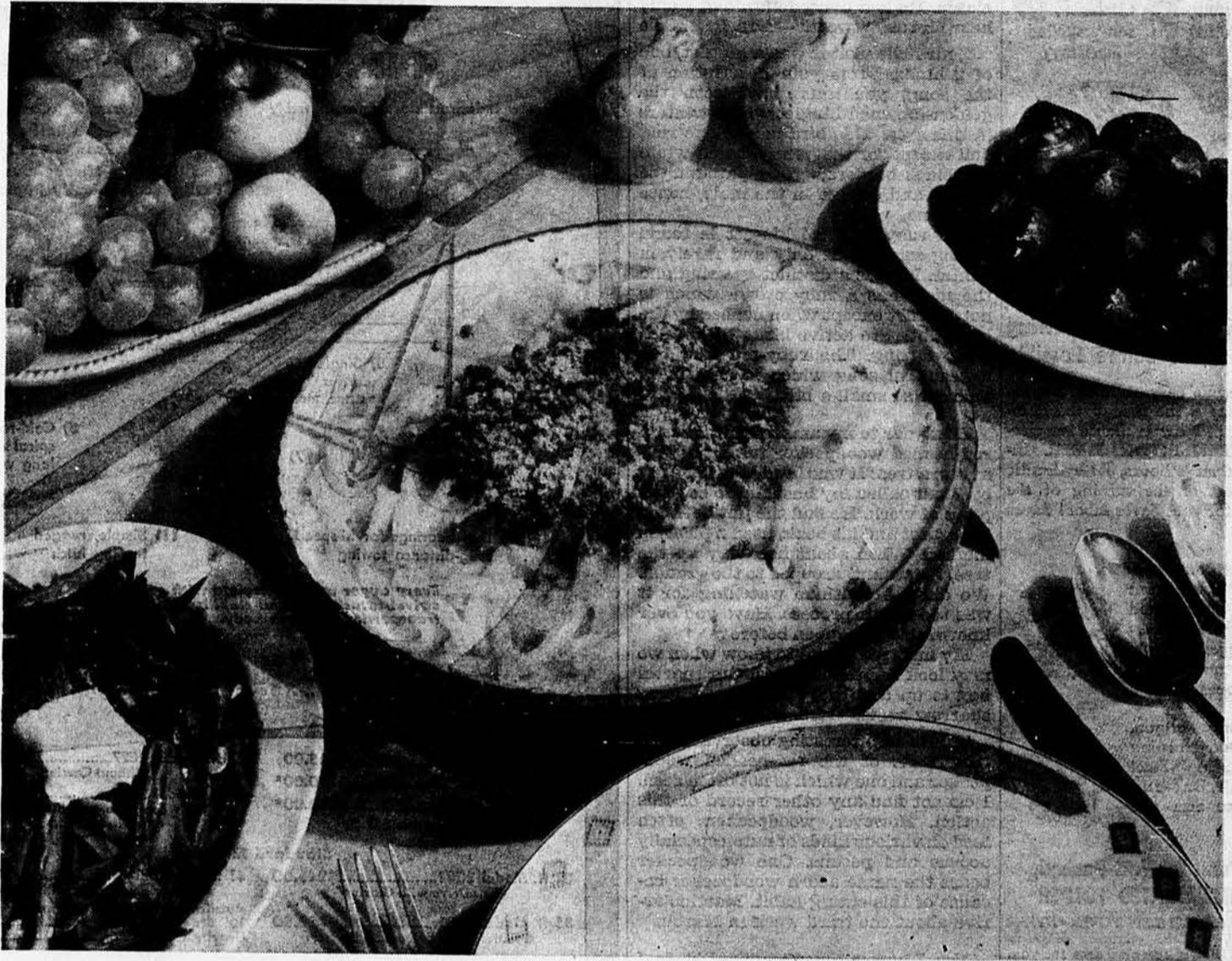
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Kansas Farm Home and Family

By FLORENCE McKINNEY



EVER-POPULAR MACARONI AND CHEESE take on new flavor when a small amount of diced ham is added. If ham is omitted, increase cheese.

Milk, Cream, Butter and Cheese

Go Into Recipes for Dairy Month

THE DAIRY industry is one of the Nation's greatest resources," said President Eisenhower in a recent letter giving official recognition of the observance of June as dairy month. The President added that his administration will co-operate to help the dairy industry work out solutions for greater markets so dairying can continue to make substantial contribution toward the Nation's health.

To add our bit of co-operation we offer the farm homemaker recipes high in milk, cream, butter and cheese.

Macaroni and Cheese with Ham

3 tablespoons butter	2 cups shredded American cheese
4 tablespoons flour	1/2 cup fine, dry bread crumbs
1 1/2 teaspoons salt	1 cup finely chopped, cooked ham
2 cups milk, scalded	
3 cups cooked macaroni	

Melt butter in saucepan, add flour and salt and stir until smooth. Add milk gradually and stir until mixture is smooth and thickened. Cook 5 minutes longer, stirring frequently. Place half the cooked macaroni into a casserole and pour half the white sauce over the top. Sprinkle with half the grated cheese and half the mixture of crumbs and ham. Add another

layer of macaroni and repeat in the same order as for the first layer, topping with bread crumbs. Bake in a moderate oven (350°) for 30 minutes. Makes 6 servings. If desired, the ham may be omitted, and the amount of shredded cheese increased to 2 1/2 cups.

Banana Milk Punch

2/3 cup banana, mashed	1/8 teaspoon almond extract
3 tablespoons orange juice	Dash of salt
3 tablespoons honey or sirup	2 cups milk
	Whipped cream
	Dash of nutmeg

Combine first 6 ingredients, beat well with egg beater. Pour into glasses and garnish with whipped cream and dash of nutmeg. Serves 4.

Cheese Biscuits

2 cups flour	3 tablespoons butter
4 teaspoons baking powder	3/4 cup American cheese, grated
1/2 teaspoon salt	2/3 cup milk

Sift dry ingredients together, work or cut in butter and cheese. Add milk, beat until well mixed. Roll 1/2-inch thick and cut into biscuits. Bake in hot oven (400°) for 15 minutes.

Orange and Date Cake

1/2 cup butter	1 teaspoon baking powder
1 cup brown sugar	1/4 teaspoon salt
2 eggs, well beaten	3/4 cup sour milk
2 cups cake flour, sifted	1 cup dates, ground
1/2 teaspoon soda	1 whole orange, ground

Cream butter and sugar well, add well-beaten eggs. Sift dry ingredients together 3 times, add alternately with sour milk and ground dates and orange. Bake in buttered loaf pan in a moderate oven (350°) 50 to 60 minutes.

Frozen Fruit Salad

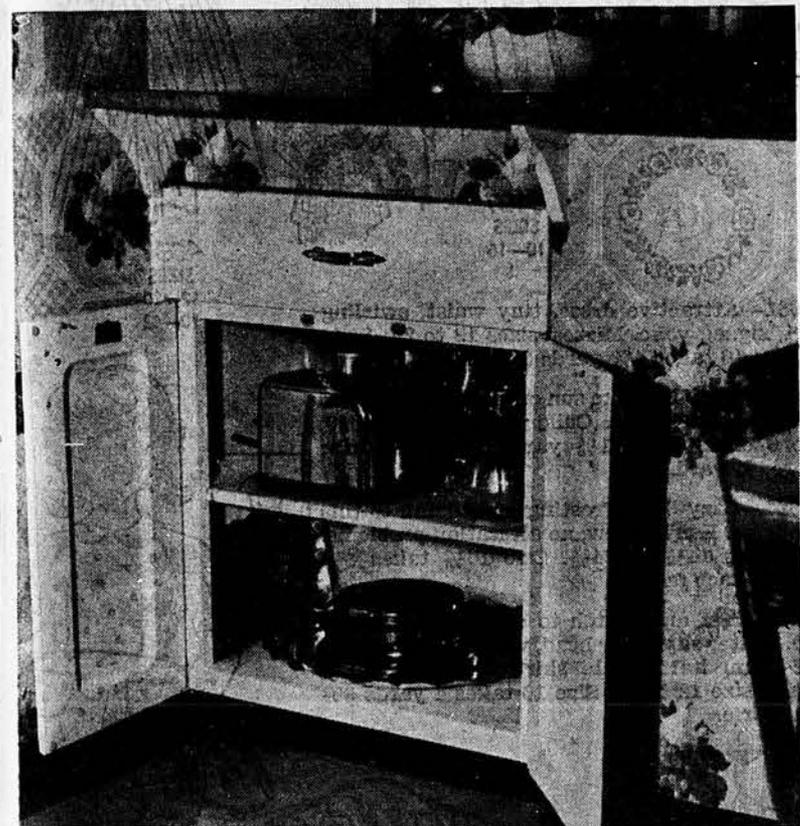
12 marshmallows, quartered	1/2 cup maraschino cherries
1 cup mayonnaise	2 cups canned fruits, cut in half (pears, pineapple or peaches)
1 cup whipping cream, whipped	
3 ounces (1/3 cup) cream cheese	

Combine marshmallows and fruit juice, let stand until marshmallows have softened. Combine mayonnaise, whipped cream and cheese. mix until creamy. Add fruit. Pour into tray and freeze 3 hours. Cut into squares and serve on lettuce with whipped cream. Serves 8.

PICTURES TELL THE STORY



CENTER OF INTEREST in living room of new H. W. Wendorff home, Leavenworth county, is cream colored, marbled glazed tile fireplace. Mrs. Wendorff, shown here, decorated mantel with choice glass, green vines, and large mirror to add space to room.



MODERN METAL KITCHEN units are easy to clean, provide efficient storage. One storage unit is turned toward dinette side and holds trays, toaster, waffle iron and other small equipment used on dining side. Drawer above stores lunch cloths and napkins in the Wendorff home.



LAZY SUSAN in baking center of Wendorff kitchen utilizes all space in its corner, yet eliminates stacking bowls. A slight twirl and any one item is right at her finger tip.

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At most good feed dealers
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**Three Fine Books
We Know You'll Enjoy**

Recently we acquired 3 books, all of them about the life and ways of the people in the Ozarks. All are by the same well-known author, Vance Randolph, who is probably the best known collector of interesting facts about Ozark folklore and people.

"We Always Lie to Strangers" is a collection of "windies," some of which were contributed by elderly folk in the more isolated sections. Here is a collection not only of exaggerations but of fine understatement. It's published by Columbia University Press, Morning-side Heights, New York 27, N. Y.

"Who Blowed Up the Church House" is another of the wry, droll, ribald stories handed down from one generation to the next, passed from one hilltop to another. There is the story that gives the book its name and many others. It is printed by the Columbia University Press.

The latest Randolph book is entitled, "Down in the Holler," a Gallery of Ozark Folk Speech." This time he collaborated with George P. Wilson. The book deals with speech of the hill people. Randolph, closely identified with the region for many years, has hunted possums with its residents and shared their tables. His hobby has become a profession and today he is busy jotting down and recording aspects of Ozark life. The reader can spend many pleasant hours with this amusing book. It is published by the University of Oklahoma Press, Norman, Okla. See your bookstore or public library for these books.

**New Book
About Ranch Life**

Alice Marriott, whose earlier books have been mentioned in these pages before, has written another book we think you will enjoy. It's entitled, "Hell on Horses and Women," a book she wrote after 18 months of travel in the cattle country visiting with real ranch folks. Here is a book for Western enthusiasts, for women everywhere and for just good reading. Miss Marriott concludes, "Ranch life can be hard and tough and truly hell for women who live it, but it can also come as close to heaven as any life a woman can live today."

Alice Marriott is one of the truly fine writers of the present day. A trained ethnologist, she has written largely about Indian life and her experiences in the Southwest. Published by University of Oklahoma Press, Norman, Okla. We suggest you see your local library or bookstore.

For Father's Day

Father's Day is June 21 and here is a leaflet suitable for this very special occasion of entertaining fathers in a school, a Sunday school or any other community group. It is a father-son banquet program in which 9 boys of various ages and 2 men take speaking parts. It features a welcome by one of the boys, a response by a father and appropriate music included in the after-dinner program. Send requests for, "What Father's Day Spells," to Home Service Editor, *Kansas Farmer*, Topeka. Price 5c.

**Powdered Bleaches
Come to Front**

Some careful studies have been made in laboratories on the effects of powdered bleaches and they find the results safe and good. When these powdered bleaches containing sodium perborate were used under good washing conditions, excellent whiteness was retained without ill effects on the strength of the fabric. Powdered bleaches of this class are safer to use, do not cause trouble if spilled on clothing accidentally.

Favorite Fashions

9136—Smart sundress, contrast binding on lines neckline. Misses' sizes 12 to 20 and size 16 takes 4 yards 35-inch fabric.

9197—Teen sizes 10 to 16. Size 12 sleeve blouse, 1 1/4 yards 35-inch fabric; skirt, 3 yards; shorts, 1 yard.



9136
SIZES
12-20
40



9197
SIZES
10-16



4631
SIZES
12-20
30-42

4631—Attractive dress, tiny waist, swirling skirt, zigzag yoke. Misses' sizes 12 to 20; 30 to 42. Size 16 takes 4 3/4 yards 35-inch fabric.

9034—Easy to make sun outfit. Halter topped sundress and bolero. Children's sizes 2 to 10. Size 6 dress takes 1 1/2 yards 35-inch fabric; bolero, 5/8 yard.

4624—Lazy-daisy frosting adds detail to this new dress. Easy to sew, no alteration problems. Half sizes 14 1/2 to 24 1/2. Size 16 1/2 takes 4 1/2 yards 39-inch fabric.

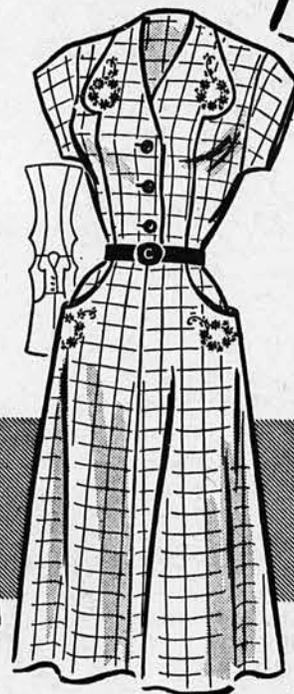
9332—Mix and match to double your wardrobe. Halter slips over head, wraps and buttons. One-seam half-circle skirt with belt band. Misses' size 12 to 20. Size 16 takes 4 yards 35-inch fabric.



9034
SIZES
2-10



9332
SIZES
12-20



4624
SIZES
14 1/2-24 1/2

Pattern Numbers	Size	Name
		Route
		Town
		State

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

KNOW YOUR BIRDS . . . By L. B. CARSON

The Downy Woodpecker

*When he peeks around a limb,
It is not "peek-a-boo" to him
For when he's hidden by a tree,
He feels safe as he can be.*

THIS, the smallest and friendliest of our woodpeckers, is found wherever there are sufficient trees to provide food and shelter. You often find him working on cornstalks where corn borers have taken up residence or digging out larva from weed galls. Any tree living or dead which is infested with wood ants or larva is investigated by this little bird.

The downy woodpecker which is about sparrow size (6 inches), is much like his larger cousin, the hairy woodpecker (9 inches), except he has a much smaller bill and his outer tail feathers show a barred effect where the larger bird shows white. Both are black and white. Males of both species have a red spot on the nape, which is lacking on the female.

The downy is a friendly bird and often travels thru the trees with chickadees, nuthatches, brown creepers or titmice, all busy searching and eating insects which have sought shelter in bark of trees. When feeding, this bird often utters a short, sharp note which can be heard for some distance. Spring and the nesting season brings a series of staccato notes which combined with his drumming on resonant limbs, is no doubt pleasing to the female, which he is trying to woo.

A fence post or a dead limb high in some green tree, either is an acceptable nesting site so long as he can excavate a hole for his home. The entrance is small, only about 1 1/4 inches across while the depth may run from 8 to 12 inches. Chips and dust provide nesting

material for the 3 to 5 eggs. Many downy woodpeckers excavate their nesting holes with the entrance on the underside of a limb gaining protection from rain.

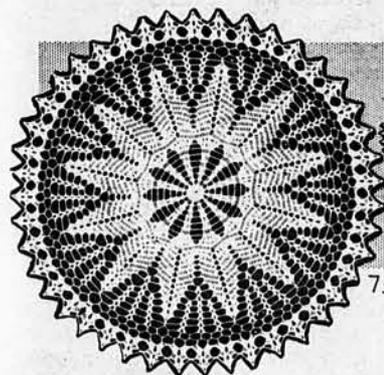
This little woodpecker fills a certain niche in nature's plan and is built to handle the job. The sharp claws can cling to most any sort of tree and the toes are arranged in pairs, 2 in front and 2 behind. One of these toes can be used in either position, which gives a firm anchorage. His spiny tail feathers form a prop and provide enough leverage to give force to the blows which he strikes with his sharp little bill. Most unique part of his special equipment is his tongue which carries a spear on the end and can be extended into the hiding places of various larva. This spear is armed with barbs which hold the larva. It's just that simple . . . he spears them, drags them out and down they go. Suet will bring this bird to your feeder.

This woodpecker provides nesting places for many of our native birds . . . for tree swallows, titmice, wrens or chickadees find his former residence very acceptable spots to raise their families. An old woodpecker nest makes the best birdhouse you can place in your yard for it is sure of having an occupant.

Tree-climbing snakes such as black-snakes, are its worst enemies. They eat many of the eggs and young. Other enemies such as cats, hawks and owls take their share of young birds and an occasional adult, but the mature downy can elude most of his enemies by sliding around the limb just before being caught. If he flies, it is just too bad, for he is not a fast bird on the wing and should have known better.

For bird questions, see page 19.

NEEDLE TIPS



7308

7308—Easy to crochet doilies in modern design of graceful leaves. Large doily, 19 inches in No. 30 cotton. Small, 13 inches.

7124—Iron-on tulips in red and green. Transfer of 10 designs, 1 1/4 by 2 to 4 1/2 by 9 inches.



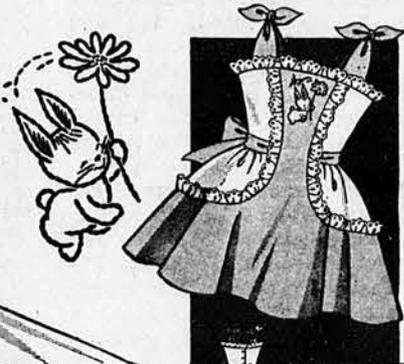
IRON-ON DESIGNS IN GAY COLORS



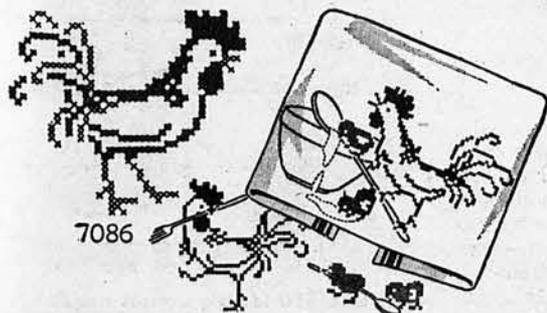
7124

7061—Gay pinafore-sundress for play and parties. Children's sizes 2, 4, 6, 8, 10. Tissue pattern, embroidery transfer. State size.

7086—Embroider chicks in towels or curtains. Simple embroidery, 8 to the inch cross-stitch design. Transfer of 6 designs, 10 by 4 1/4 inches. Directions included.



7061 SIZES 2-10



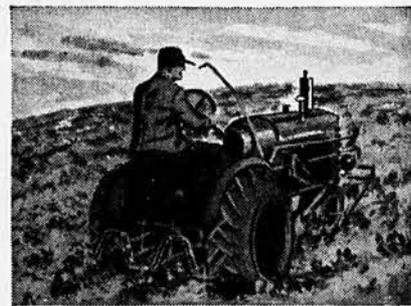
7086

Pattern 25 cents each. Write Needlework Editor, Kansas Farmer, Topeka. Add 5 cents for each pattern if you wish first-class mailing.

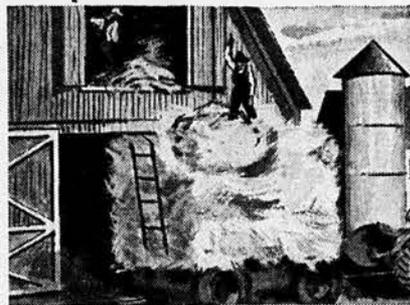
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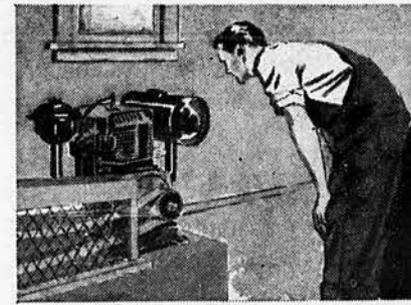
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The Indians Taught Us

(Continued from Page 1)



JIMMY RHODD, 17-year-old St. Joseph, Mo., high school football star, was officially made chief of Iowa Indians in Kansas, Nebraska and Missouri when Chief Ben Sacquat of the Kickapoos put necklace around his neck. (Picture courtesy Topeka Daily Capital).

There still are 253,324 Indians in the 17 Plains States, according to latest census figures. There are only 90,056 Indians in all the other 31 states combined, which means the bulk of all remaining Indians in the United States now live in the Great Plains area.

In Kansas the present official Indian population is only 2,381, although some 5,000 Oklahoma Indians are said to be working in Wichita. Because of declining population, the last Kansas Indian agency, that at Horton, is about to be closed. Under a new program sponsored by the Great White Father in Washington the Indians are to be integrated into the general population.

Whether this move will be good or bad for the Indians remains to be seen. But it definitely means the Indian race is on the way out. To your grandson and mine the word "Indian" may mean only something he reads about in his history books, unless something is done to preserve the glory of the Red Man.

Despoil Indians' Memory

Just as the white man has despoiled the hunting grounds of the Indian, he also has despoiled the memory of the fierce but proud original citizens of this great area. It is to our everlasting shame we think of the Indian as a renegade and a savage, instead of a brave and noble man who resisted aggression with everything he had—just as free men everywhere have always done.

At one time many famous tribes roamed the Great Plains. According to information gathered by Bliss Isely, of Wichita, an authority on Indian history, and reports of the State Historical Society, a complete roster of early and current Indian tribes in the plains area includes all these: Arapaho, Plains Apache, Anadark, Arickaree, Cheyenne, Chippewa, Cherokee, Chickasaw, Choctaw, Comanche, Crow, Caddo, Creek, Dakota, Huron, Iowa, Kickapoo, Kiowa, Kansas (Kaw), Kechi, Mandan, Missouri, Modoc, Munci, Nez Perce, Oto, Ottawa, Osage, Omaha, Pottawatomie, Ponca, Pawnee, Quapaw, Shawnee, Sac & Fox, Sioux, Seneca, Tonkawa, Tawakani, Tejas, Wyandotte, Winnebago, Wichita and Waco. The Utes, a nomadic tribe, roamed from Utah to Eastern Colorado.

Some effort has been made in Kansas in recent years to retain some of the history and color of the Indian period. The Veterans of Foreign Wars at Horton annually sponsor a Kickapoo Powwow, at which members of the Kickapoo tribe put on public performances of their tribal dances. It has become an attraction that brings thousands of visitors to the area at Powwow time.

Every 5 years since October, 1927, folks at Medicine Lodge, in Barber county, have been holding a huge out-

door pageant to commemorate signing of a peace treaty in 1867 with 5 tribes of Plains Indians. Visitors from all over the United States attend.

At the original treaty signing in 1867, chiefs of the Kiowas, Comanches, Apaches, Arapahoes and Cheyennes met with Federal Indian commissioners at Medicine Lodge to affix their marks to an agreement that led to peaceful settlement and development of South-Central Kansas. This famous peace council ended 3 years of constant warfare and was one of the few between Indians and whites that was faithfully kept by both sides.

The treaty eventually led to successful colonization by white men in Colorado, North and South Dakota, New Mexico and Arizona.

Several Indian treaties now are in the courts, where present-day tribe members are claiming their ancestors were "taken for a ride" by the wily whites. In one treaty, now being tested in the courts, it is claimed a tribe of Indians ceded about 6 million acres in 2 states to the Government for about 11 cents an acre. This was a little too cheap, according to current members of the tribe.

"Actually, we owe the Indians a lot more than money," says Phil Zimmerman, a Topekan who has been championing their cause for many years. "We owe them a decent place in history and we owe them credit for the many

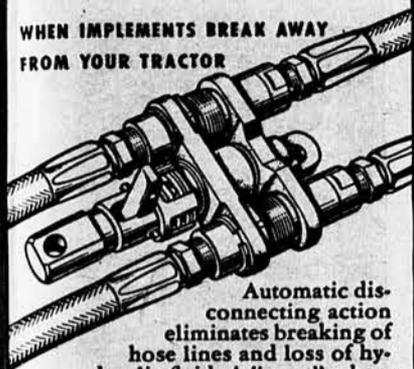
(Continued on Page 25)



ALL DRESSED for big dances are this Kickapoo Indian and his small son, who appeared in the annual Powwow at Horton last year. (Picture courtesy Topeka Daily Capital.)

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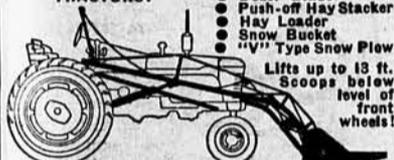
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fine things they have contributed to our civilization."

At least 24 of our states have Indian names, Mr. Zimmerman points out. They are Alabama, Arizona, Arkansas, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Utah and Wisconsin. Wyoming probably is an Indian name.

According to Mr. Zimmerman, who is a Spanish War veteran, thousands and perhaps millions of American boys owe their lives to the Indians. How could that be? Well, let Mr. Zimmerman tell it.

"We owe the Indians our knowledge of modern warfare," he says. "Up to and including our Civil War, the pattern of warfare was the same. The attacking army charged the entrenched enemy by sending each unit forward in 'shoulder-to-shoulder' formation. This solid phalanx made a perfect target for the enemy.

Taught Us How to Fight

"With the closing of the Civil War," Mr. Zimmerman continues, "the regular army was sent to the Plains States, where our armed forces spent the next 20 years chasing and fighting Indians. Our army was officered by such sterling Civil War generals as Miles, Sheridan, Lawton and Scott. Those clever Plains Indians gave them a 'boxing lesson' they never forgot, and what they learned from the Indians has revolutionized warfare.

"This knowledge of warfare was first put into use by the United States Army in the Spanish American War and has since been adopted by all armies. As a result the percentage of soldiers killed in combat has steadily gone down in each war. Historians have never given the Indians credit for their contribution to modern warfare technique."

Chief John H. White Eagle, of the Wisconsin Winnebago Tribe, wrote Mr. Zimmerman in 1952, calling his attention to the fact that our debt extends clear back to the landing of the first pilgrims on American shores. Wrote Chief White Eagle:

Helped Pilgrims Survive

"If the Indians had not taught the Pilgrims how to survive in the wilderness there might not be a United States today." And Chief White Eagle, like many of his brothers, is bitter over treatment by the white men. He continues:

"This Thanksgiving Day (1952) we are celebrating the supposed lasting brotherhood between my ancestors and the Caucasian invaders that settled the first colonies on our Eastern seaboard. The Red Man was sincere in that pipe of peace.

"Yet, beginning with that day, slowly and methodically, the North American Indian has been deprived of every worldly possession given him by the Great Creator, and the beautiful culture of our people has been grossly misrepresented by modern-day writers. We shall always have the beautiful memories of our forefathers, tho we walk daily midst discriminating glances from the same people for whom we laid down our lives in every world conflict to date."

Starts One-man Crusade

Moved deeply by the callousness with which the American people have treated the Indians, particularly those in the Great Plains area, Mr. Zimmerman has started a one-man national crusade to get Waconda Springs, Mitchell county, designated as a national monument to the Great Plains Indians.

Kansas Farmer, in the November 1, 1952, issue gave the historical background of Waconda Springs and told how Indian tribes from all parts of the Great Plains area considered it a spiritual center to which they made annual pilgrimages for worship. These pilgrimages were discontinued in the 1870's.

"Our great government," says Mr. Zimmerman, "now will be given a belated opportunity to confess its sins of omission by erecting an heroic National

Monument in acknowledgment of our debt to those noble Red Men who taught us how to fight—and how to live. And where is there a more fitting locale for such a memorial than in the very heart of the Plains Indians' domain, and on a spot seemingly created for such a noble purpose by their own Great Spirit—Waconda."

Mr. Zimmerman has made an intensive study on national monuments and has found that in this, like in all other respects where the Indians are concerned, our government apparently has been indifferent to the spiritual as well as physical needs of the Indian.

"Did you know," asks Mr. Zimmerman, "that in all America there is not a single national monument to those people who owned this land for countless generations before Columbus discovered it, and to whom we owe so much?"

"Did you know there is no national monument to the Indian race, to any tribe of Indians or to any individual?"

"Did you know there is no national, state or private memorial in Kansas honoring the greatest of all the Plains Indians, the late Charles Curtis, a member of the Kaws, who ascended to the second highest post in our Federal government, the office of vice-president?"

"Did you know the beautiful memorial in Claremore, Okla., to a great Cherokee, Will Rogers, was erected by private funds subscribed by friends?"

"Did you know there are 75 national monuments in the United States but that 11 states, including Kansas, have none? Arizona has 15, New Mexico 8, California 13, Colorado 5, South Dakota 3, Utah 9, Nevada 2, Florida 3, Wyoming 3, New York 2, Georgia 3, Nebraska 2, Ohio 2, South Carolina 2, Tennessee 2, Idaho, Iowa, Maryland, Minnesota, Missouri, Montana, North Dakota, Oregon, Virginia and Washington, one each."

Have Failed Indians

In closing his appeal for the Indian cause, Mr. Zimmerman says: "Perhaps, after more than 160 years of failure to show appreciation to a great race of men for all they have meant and done for America, Uncle Sam now may wake up and erect a fitting national monument to their memory and in honor of those still living.

"Waconda once was to the Plains Indians what Holy Mecca is to the Moslems and Bethlehem is to the Christians—a sacred shrine which they worshiped with religious fervor; a gift to them by the Great Spirit, who filled its reservoir with 'medicine' for the ills of the Red Man.

"Waconda Springs also is one of Kansas' outstanding natural wonders. Aside from its historical interest to both Indians and whites, it was a favorite rendezvous of Pike and other explorers; of U. S. soldiers, missionaries and emigrants. Horace Greeley was fascinated by the Spring and his comments on the subject are well documented in the Historical Society files. Today, thousands of tourists annually stop at Waconda to view the spring and to hear the Indian legends that abound there."

Yes sir, Mr. Zimmerman has quite a crusade going. And it's gaining momentum every day. Most of the remaining tribes of Plains Indians have been contacted by Mr. Zimmerman and are enthusiastically supporting his plan. Numerous individuals and many patriotic organizations have joined the throng and more are coming in as they are made aware of the importance of this project.

Kansas Farmer is glad to help lead the parade because, like Mr. Zimmerman, Kansas Farmer editors believe this Nation could lose by default the historical significance and culture of a great people.

You, too, can have a part. Write your Congressman, giving him the benefit of your thinking in regard to making Waconda Springs a national monument.

We cannot right the many wrongs we have done. But it is not too late to honor those Indians, living and dead, who gave us an outstanding heritage in the Great Plains.

FAST CLEAN CHOPPING COUNTS!

Forage Harvester

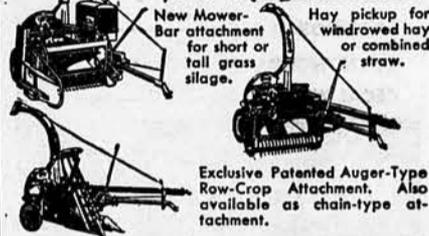
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The F & H heavy duty 24" self-propelled rotary type lawn mower cuts fine grass or large weeds. Powered by a Briggs & Stratton 3 H. P. air-cooled engine. V-belt and roller chain drive. Timken bearing spindle. Electric welded steel frame. No castings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

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Bright Side to Dairy Problem

(Continued from Page 4)

for instance, have been spending more to advertise that one product than dairy interests have been spending to advertise all dairy products.

Ezra T. Benson, secretary of agriculture, says: "There is no over-all surplus of dairy products. What we have is a lack of adjustment to the markets—so that not all of the butter, cheese, and dried milk are being consumed. If adjustments are made, and milk and milk products are backed by the selling their merits justify, the surplus problem will be gone."

"Included in the expanded advertising plans," says Lester J. Will, ADA general manager, "will be a series of advertisements and an integrated merchandising campaign which will tell the story of milk and its countless nutritive values, and of the necessity of milk consumption to maintain our high standard of living. Research and public relations efforts will similarly be stepped up to augment increased advertising."

Need More Dairy Foods

Mr. Will goes on to say: "The diet of people in the United States is below adequate nutritional standards and more dairy foods of all kinds would contribute to improved nutrition. This need for increased use of dairy foods, combined with a rapidly increasing population, should give dairy farmers, processors and distributors an opportunity for steady growth."

In the public relations field, ADA maintains contracts with leading dairy and food trade publications and general press editorial staffs in placement of stories and as a key information service on dairying. Regular press releases are sent to newspapers, magazines, dairy trade, and food publications, house organs, and radio and television station news departments to bring the story of the American Dairy Association, information on dairy foods, and feature material to the public.

Another part of the public relations program is the food page service. New recipes using dairy products, complete with beautiful black and white and color pictures, are sent to hundreds of food page editors across the Nation. This provides a service to the papers and magazines and helps sell dairy products to consumers. *Kansas Farmer* often carries pictures or information on dairy products thru this service.

Fourteen major research projects covering 7 basic problems in the dairy industry are being sponsored by ADA at leading universities and colleges across the Nation and more are being considered. Here are the 7 basic problems, as seen by ADA, and what ADA is doing about them:

Problem No. 1: Vegetable fats are making heavy inroads on the butterfat market. What unique nutritional properties does butterfat have as a human food that competitive fats do not have? ADA-supported research has sought these answers for more than 12 years, but is expanding its efforts this year to 4 special projects.

Problem No. 2: The dairy industry needs a quick, sensitive test for detecting adulteration of ice cream and other dairy foods with fats other than butterfat. Two projects have been placed and 2 others have been investigated. A conference of all scientists working on development of such a test may be called soon.

Problem No. 3: The dairy industry needs a quick, accurate test to determine total solids in milk. ADA-supported research projects are now underway on 2 different approaches to this problem.

Problem No. 4: Dairying is faced with a butterfat surplus and must gain more outlets. A market study is being conducted on selling milk in vending machines. Another study is a merchandising test on a new cream product, plus other market studies.

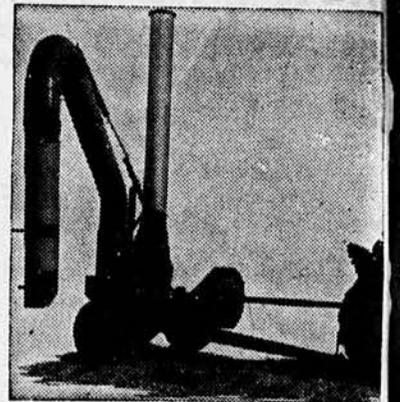
Problem No. 5: Production and use of nonfat dry milk solids is on the increase. A retail study of home package sales has been started in Wisconsin in co-operation with the dry milk industry of that state. This will be a 4-point study to evaluate packages and non-fat dry milk solids for home use.

Problem No. 6: Advice against use of milk and its products in the diet is occasionally made without evidence to support such claims. To combat misinformation and determine true facts with scientific evidence, ADA research is pointed to several lines of investigation.

Problem No. 7: How to use and disseminate available information revealed thru research. Working thru the Evaporated Milk Association and the National Dairy Council, ADA is finding ways to get information out to the public.

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THE SOIL MOVER CO. COLUMBUS, NEBR.

Arthur Capper Award Is Made

Annual Arthur Capper Award in journalism for an outstanding graduating senior at Kansas State College this year goes to Richard Fleming, Paola, agricultural journalist.

Editor of the Agricultural Student magazine, he has won many honors at the College. He became a member of Blue Key, honorary group, worked on several student publications. Prior to his 4th year in college he was one of a few selected college students to do information work for the USDA in Washington, D. C. Last year he won the Kansas City Press Club \$150 scholarship. His name will be engraved on a plaque presented the college by the late Senator Capper to stimulate professional achievement in journalism at the College, and who provided funds for the award 25 years ago.

Top Angus Bull To Friendly Acres Farm

Friendly Acres Angus Farm, at Atlanta, owned by Mr. and Mrs. Carroll C. Cranston, has purchased a new top Aberdeen-Angus herd bull.

After looking at several top herds of cattle and herd bulls over several states, Mr. Cranston stopped at Simons Angus Farms, Madison, and bought Everbest No. 35 of Madison, a very top son of the Old Everbest Prince that has been making Angus history at Simons Angus Farms.

The half brothers and sisters of Everbest No. 35 of Madison have averaged \$4,100 at auction sales and have been winning championships at the big shows all over the United States.

Mr. Cranston invites all of the fellow Angus breeders and friends to stop in at Friendly Acres to see the bull.

Need Wheat Storage

The large carryover of the 1952 Kansas wheat crop may make it impossible for farmers to get storage room for the 1953 crop, unless they provide it themselves, Marvin Clark, Kansas State College economist, points out.

Since there usually is a wide margin between the cash price being paid for wheat at harvest time and the loan rate, farmers might go to considerable expense to provide their own storage—and still be money ahead.

Local elevators report being unable to get promise of wheat storage space for the 1953 crop because large storage elevators at Kansas City, Hutchinson, and Wichita still are using much of their storage for the 1952 crop, Clark said.

Big Dairy Gains

Results of 1952 activities of the Kansas Artificial Breeding Service unit at Kansas State College, Manhattan, show nearly 40,000 dairy cows were bred artificially.

Average fee for service was \$9, and about 10,000 farmers, with average of about 5 cows each, belong to 69 groups over the state. According to the annual report of Earl Farmer, manager of the unit, records of many of the bulls used indicate phenomenal production gains of daughters over their mothers. Only a few counties in Kansas now do not have service from KABSU. Since its start in March, 1950, excellent expansion of activities and service have occurred.

Key to Profits

Good forage is the key to livestock profits—that's the subject of a new booklet by the Massey-Harris Company, Racine, Wis. It's well illustrated and written, and is available free by writing Farm Service Editor, Kansas Farmer, Topeka, Kan.

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WF 1 FARMLoader

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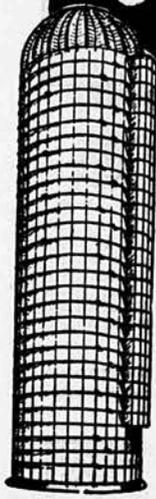
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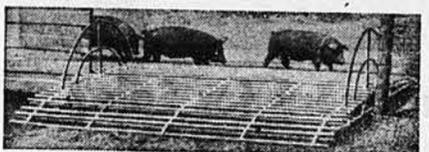
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DEALER INQUIRIES INVITED

You Can Have Fun With a Hobby At Any Age From 6 to 96

Do you have a hobby? If you do, please drop a letter to The Editor, Kansas Farmer, Topeka, telling about it. We would like to help spread the idea of hobby fun all over the state. Here are second group of letters from our readers who want to tell you about their hobbies, all the fun and grand experiences they have with them. First group of letters appeared in May 16, 1953, Kansas Farmer.

DEAR EDITOR: My hobby is collecting old, odd and fancy buttons, buckles and beads. I have something over 2,000 buttons from different states and some from other countries. Lots of them have a history behind them which means much to me. One of my biggest thrills was when I received a box of buttons from a lady 100 years young, from the state of Washington, a stranger whom I never had seen. I find this a very interesting hobby.—Mrs. Lida Brenneke, Harper, Harper county.

DEAR EDITOR: We have been a reader of your paper so long I forget when we first subscribed. I am a hobby fan, too. I have gathered presidential campaign buttons and other buttons from the St. Louis World's Fair. Too, Red Cross buttons down thru the years since I was a girl. I am 70 years old now. Three years ago we made a picture 24 by 30 inches of these buttons and pins. I took it to the county fair as a hobby. Also, I gather rocks, seashells, clam shells and other kinds, large and small. Another hobby is Indian arrow heads and sharks teeth. Also collecting postage stamps. We like our Kansas Farmer very much.—Mrs. C. D. Finkenbinder, Dighton, Lane county.

DEAR EDITOR: Saw your request for hobby articles, in Kansas Farmer. I am a farm wife, aged 73. My hobby is making pictures with buttons (some say painting pictures with buttons). At present, I have completed a farm scene, flower bouquet, stars of sparkling "sel" buttons, Christmas tree, cross, flag and am making U. S. map showing principal products of states in buttons (a real problem as buttons showing cows, sheep, hogs, oil wells are hard to find). Have some pictorial and others, on cards.

My mother, 94 years old, is bedfast requiring care of tiny baby, so I am short on the time needed to work with

pictures, otherwise I would make several more I've sort of planned out. These designs are all original and many people come to see them. It is a very fascinating hobby, and a box of old buttons in the mail, brightens up the day.—Mrs. C. H. Schomp, Paola, Miami county.

DEAR EDITOR: In looking over my Kansas Farmer I found the article about hobbies. I have one that I took up about 15 months ago and it gives me many hours of pleasure besides some pin money. I'm 52 years old.

I paint scenery on mirrors. They are very showy and pretty and help to brighten up a room and make it more interesting. I use artist's colors and I like the round mirrors best for this.

I would like to paint slanting cross sections of tree limbs about 4 to 8 inches in diameter using the bark as a frame, but haven't been able to find the right kind of wood in this section that will not check or the bark peel off. Would appreciate any information as to where and what to get.

We find our Kansas Farmer very interesting and helpful as we are farmers.—Mrs. H. A. Collins, Americus, Lyon county.

DEAR EDITOR: I am a cattle and wheat farmer; my hobby is mixing different things. I kept mixing until I stumbled on a real skin softener. This cleaner I make I mixed about 15 different batches until I got it right. I am still mixing different chemicals. Make this hand cleaner in my basement of my farm home. Have 9 different merchants selling it in Sharon Springs, population about 1,500. . . I say everyone should have a hobby to keep their minds occupied and then they might run into a good item which they made. . . I have different things I am working on as I enjoy it. . .—Ervin A. Theise, Wallace, Wallace county.

Collects Tiny Horses

DEAR EDITOR: As a lover of horses, I am collecting them. The beast of burden no longer is needed on the farm with the exception of the old pinto cow pony and a pint-sized Shetland, belonging to granddaughter. I constructed a large shelf with corral fence around it. The "horses" are placed on the shelf, the saddles are hung on the board fence. This makes a natural scene on the wall. I have more horses in my corral now than back in horse-farming days. My collection includes the finest of stock horses down to old-fashioned plugs, including several pack mules.—A. G. Sanders, Furley, Sedgwick county.

DEAR EDITOR: I have a button collection for a hobby—16,000! This hobby helps me pass the time which otherwise would be lonely. I have been told a hobby keeps one young. I am 69 years old and live with my son and daughter. I would encourage anyone to start a hobby. I know several who have hobbies, from feathers to collecting salt and pepper shakers.—Nettie Thurlow, Hill City, Graham county.

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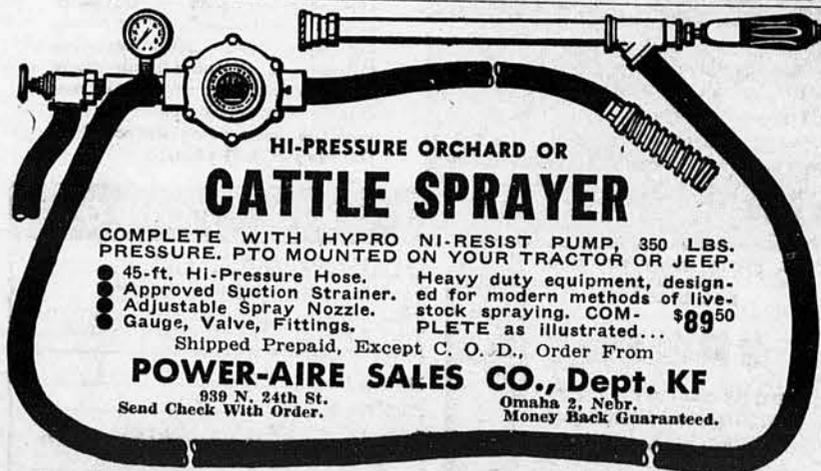
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Superior Chicks, eggs, since 1920. Jersey White or Black Giants, Buff Minorcas, Buff Orpingtons, Anconas, Silverlaced Wyandottes and other breeds. Free literature. The Thomas Farms, Pleasanton, Kan.

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Best quality AAA and AAAA Chicks. 100% pullorum tested. New Hampshire Whites, Rocks, Barred Rocks, Austral Whites, White Leghorns, \$9.95 per 100. Heavy pullets, \$14.95. Heavy cocks, \$7.90. White Leghorn and Austral White pullets, \$18.95. Hybrid Cockerels, \$3.95. Cockerets, \$2.95. Mixed cockerels, \$1.95. 100% live. Free catalog. Pleasant View Hatchery, Gerald, Mo.

Better Bred Chicks, White Rocks, Barred Rocks, New Hampshire Reds, Production Reds, Hamp Whites, Austral Whites, White Leghorns, Buff Leghorns, AAA \$9.95, Super-Lay \$11.75. Assorted \$9.25. Leftovers \$3.95. Live delivery guaranteed. St. Clair Hatchery, St. Clair, Mo.

Rocks, Reds, Hampshire, Wyandottes, \$8.95; pullets, \$12.95. Leghorns, Australwhites, Minorcas, \$8.95; pullets, \$17.95. Heavy, \$6.95; leftovers, \$3.95. FOB. Alive. COD. Catalog. Bush Hatchery, Clinton, Mo.

DeForest Blueblood Chicks, broiler and egg breeds. Hatching year around. Broadbreasted Bronze Poults. Guaranteed livability. DeForest Hatcheries, Box E, Peabody, Kan.

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J. S. Approved, Pullorum clean "Nebraskan" turkeys. Beltsville White Poults. Priced very reasonable. Eggs also available. Free literature. Walthers Turkey Farm, Moundridge, Kan.

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White Kings, Racing Homers and Fancy Pigeons. Rouen Ducks, Golden Wyandottes and Silver Hamburg Chickens. Donald Roscoe, Pipestone, Minn.

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Eggs, Ringneck, Mutant, 20c; white, golden, silver, 30c; Barrens, 10c up. O'Dells Pheasantry, Newton, Kan.

FLOWERS AND BULBS

Geraniums: 2 doz. strong young plants that will brighten up your home wonderfully this summer. Postpaid \$2.25. Any color or mixed. Buckley Geranium Company, Springfield, Ill.

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Certified Seed — 3,000 bags for sale by WARD W. SULLIVAN & SON P. O. Box 603, Hays, Kansas

Ellis Sorgo—Yellow tag. Purity 99.20%, germination 92%. Clarence Brown, Collyer, Kan.

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Certified Midland Milo, 82% germination, \$6.50 cwt. Howard Nelson, Culver, Kan.

SEEDS

Atlas Sorgo Seed—Field approved by Kansas Crop. Grown from certified seed. Selected from stalks of high sugar content. Germination 80%; Purity 99.5%. Price \$10.00 cwt. Warranted same as certified seed. M. J. Hansen, Hillsboro, Kan.

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PLANTS AND NURSERY STOCK

Sweet Potato Plants—Yellow yams and Red Porto Ricans. Highest quality. 100—\$1.50; 200—\$2.80; 300—\$3.60; 400—\$4.00; 500—\$4.50; 1,000—\$8.00. Roots wrapped in peat moss. Postpaid. Harvey's Plant Gardens, 4009 Sheridan Road, Chicago 13, Ill.

Sweet Potato Plants: Porto Rico, Nancy Hall. 150, strong, well rooted plants. Full count. 200—\$1.50; 500—\$2.50; 1,000—\$4.00; 5,000—\$18.75. Cash with order. D & C Plant, Gleason, Tenn.

Millions Sweet Potato Plants: Portoricos, Nancy Hall, Yellow Yams. Highest quality. Prompt shipments. 100—\$1.50; 200—\$2.80; 300—\$3.60; 500—\$4.50; 1,000—\$8.00; 2,000—\$11.65; 5,000—\$28.00. Postpaid. Harvey's Plant Gardens, 4009 Sheridan Road, Chicago 13, Ill.

Tomato and Pepper Plants—Large, hand selected, roots mossed. Tomatoes—Earliana, John Baer, Marglobe Rutgers 200—75c; 300—\$1.00; 500—\$1.25; 1,000—\$2.25. Pepper—California Wonder, Chinese Giant, 100—60c; 200—\$1.00; 500—\$2.00; 1,000—\$3.50. Postpaid. Prompt shipment. Culver Plant Farms, Mt. Pleasant, Tex.

Sweet Potato Plants: Nancy Hall and Yellow Yams, 300—\$2.25; 500—\$3.00; 1,000—\$5.50. Prompt shipment. Farmers Exchange, Dresden, Tenn.

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Factory Closeout two carloads world's finest row crop weed spray outfits. Tremendous savings. Complete, ready to use. Deluxe 7-row 20-foot stainless steel boom with finest pump, push button selector valve, pressure gauge, etc. Regular \$250.00. Sale \$129.50 prepaid. Guaranteed to satisfy or money back. Hundreds tool and equipment surplus items. Card for catalog. Surplus Center, Dept. K-1, Lincoln, Nebr.

NCM or NCM-T Case Baler Owners: Increase the value of your baler to \$3,000.00 by adding a U. S. Ausherman Automatic Wire Tyer. Twine Tiers also available. Also, why not prevent accidents by modernizing your tractor with U. S. Topping Effortless Power Steering. Write for information. United States Implement Corporation, N.B.C. Building, Cleveland 14, O.

Wholesale Price, Weed Sprayers. Must reduce inventory. Five row, \$82.50, complete. Seven Row, \$99.50, complete. Quality make, guaranteed. Send check or money order today. Farm & Service Supply Co., Wholesale Department, Columbus, Nebr.

Hydraulic unit for jeeps, trucks, tractors or combines. You can build a first class lifting unit for snowplows, loaders, buckrakes, cutters, etc., for a fraction of cost of other systems, mostly of scrap parts. Send dollar bill for plans to Box 46, Trout Creek, Mont.

After cutting 350 acres here, we will have several 90 combines for sale. Be through approx. July first. Call or write Elmer McClafflin, Medford, Okla.

Irrigation Plastic Pipe with plastic gates, our gates fit pipe you are using. Master Plumbers, Grand Island, Nebr.

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1952 WD Allis-Chalmers tractor, 2-row mounted picker and sled kirlin. William Ralston, Hiawatha, Kan. Phone 103.

Camp Grain Elevators—new repair parts. Write: Berry Machine Shop, Washington, Ill.

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GALVANIZED CORRUGATED ROOFING

28 gauge, prime.square \$8.95
2x8's No. 1, 35% No. 2.100 bd. ft. 9.50
2x4's 50% No. 2, 18 & 20'100 bd. ft. 8.95

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North Kansas City, Mo.

Do You Know the advantages of electric fencing? Do you know the famous International Electric 106 weed chopper will not short out by weeds? Free information is available by writing International Fencer Co., Inc., 1105 W. Chicago Avenue, Chicago, Ill.

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

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

New \$300 Milking Machines, portable floor models, complete and ready to milk \$85.00. F. M. Barber, Bryan, Ohio.

HD, 10-W, with Baker hyd. dozer, just completely rebuilt, motor, new electrical, and final drives; \$3,500. Duane Showalter, Craig, Mo.

A Big Saving: Farmall model H tractor equipped with Auburn trencher. A. E. Hudson Co., R150, Morton, Ill.

FARM LANDS

Two Hundred Acres on U. S. 40, 14 miles west of Washington, or 16 miles east of Wheeling, W. Va., 8-room brick house, electricity, hot and cold water; 4-room tenant house with running water. Large bank barn, 25 cow stalls, 4 box stalls; 12x30 silo; 2 chicken houses for 600 layers; brooder house. Large machinery shed; corn crib; 2-car garage. 40 acres alfalfa. One of the best farms in Washington county. Large crops annually and in good state of cultivation. J. E. Emsley, Rt. 2, West Alexander, Pa., Phone 4821.

22,000-acre ranch, 25 miles S. E. Lamar, Colo. 19,000 deeded, 4,600 acres of ranch under oil and gas lease, negotiating now for lease on balance of acreage, 1/2 royalty goes with sale, 16 wells and many springs scattered over ranch. Price \$400,000. George W. Long, Arkansas City, Kan.

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99 Acres, 79 in cultivation, all fenced, real nice 4-room house, some outbuildings, electric, 2 ponds, chicken, mail and milk route by door school 1/2 mile, 7 miles from Licking, Mo. Good road, \$4,500.00. Frank Triplet Real Estate, Licking, Mo.

Strout Farm Catalog Free! Farms, Homes, Businesses, etc. Over 3,200 bargains described, 31 states. World's largest, 53 years service. Strout Realty, 20-V West 9th St., Kansas City 6, Mo.

REAL ESTATE FOR SALE

Motion Picture Theater, in good Oklahoma town. Shown profit since opening 1936. Selling account of health. George W. Long, Arkansas City, Kan.

PATENTS AND INVENTIONS

A. H. Sturges, 317 Sunderland Bldg., Omaha, Nebr., Registered Patent Attorney, U. S. Patent Office. Procedure information, evidence of invention form and patent book sent on request.

BUSINESS OPPORTUNITY

Start Venetian Blind Laundry. Profitable lifetime business. New Machine. Free booklet. A. B. Co., 422 N. Seneca, Wichita 12, Kansas.

Will Sacrifice because of health. Tourist Court, located east city limits, Marysville, Kan. Doing good business. \$10,000 down will carry balance, at 5%. J. W. McMahon, Marysville, Kan.

Raise Earthworms—Easy, profitable. Free information. Earthworm Gardens, 224 West Valley, El Monte, Calif.

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

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Giant Chinchilla Rabbits, beef type. Pedigreed. Juniors and bred does. Diamond-Chin Rabbitry, Fort Laramie, Wyo.

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Stainless Steel Vaporizer 18-8 2-quart sauce pan, \$7.50; 3 1/2 quart, \$8.50; 4-quart, \$10.50; 6-quart, \$13.50; 8-quart, \$14.50. Pressure cookers, 10 1/2" skillet, \$12.50. Major Co., 71 Milford, Springfield, Mass.

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.

Fairmount Maternity Hospital—Seclusion and delivery service for unmarried girls. Adoptions arranged; low rates; confidential. 4911 E. 27th St., Kansas City, Mo.

Upholstering Remnants, Quilts, rugs, pillows, odd chair pieces, 5-lb. bundle, \$1.25; 10-lb. bundle, \$2.25, plus postage. Dels Upholstering Shop, Box 168, Lisle, Ill.

Women make money at home, spare time. Sew ready-cut RAP-A-ROUND. Easy, profitable. Hollywood Mfg. Co., Dept. AF Hollywood 46, Calif.

Send 5 lbs. Used Woolens for 3 lb. Rag Batt, \$2.00; cheesecloth covered, \$4.00. Litchfield Woolen Co., 303 N. Sibley, Litchfield, Minn.

Nylon Corsages: All essentials for making 10 to 15. Prepaid, \$1. Quantities wholesale. A & T Sales, Dept. V. P. O. Box 1973, Greensboro, N. C.

OF INTEREST TO ALL

Free Farm Catalog—packed with values—send today for your 1953 Trading Post bargain catalog. Over 60 pages of savings on goods for farm and home. Barbed wire and fencing, paints and varnishes, agricultural chemicals, tools, hardware, household goods, and thousands of items at "below-market" prices. Free bonus coupons and free gifts. This bargain catalog sent to you absolutely free. The Trading Post has a warehouse near you! Your free catalog will be rushed to you; just write Trading Post, 1800 Q Burlington, North Kansas City, Mo.

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

Buy 20% to 50% off; thousands nationally advertised articles, appliances, etc. Write for free details about our big illustrated catalog. Distributor Sales Co., Box 6041C, Kansas City, Mo.

Adding Machine—Subtract and add long columns at once. New desk model portable machine for only \$14.95 postpaid. Money back guarantee. 7th Avenue Mall order, 620 7th Avenue Northeast, Brainerd, Minn.

Dead Rats From Live Ones! New cheaper, safer, easier method. Use both liquid and dry Warfarin. Send card for free information. Wilco Sales Co., Box 294, Danville, Ill.

Your Name, address printed on 100 assorted Scripture Verse correspondence envelopes \$1.25 postpaid. Country Press, Route 3, Box 486A, San Jose, Calif.

Enjoy New Lin-O-Fun Game, 10c. Joker novelty descriptions included. J. R. Short, Box 162, Alviso, Calif.

Outdoor Toilets, Septic Tanks, Cesspools cleaned, deodorized. Saves digging, pumping. Details free. Solvex, Monticello, Ia.

Boots and Shoes—High grade, fancy, handmade. Western style. Made to your measurement. Latest catalog. Criche Boot Company, El Paso, Tex.

Writers — Sell birthday, valentine, Christmas verses. Send for free details; Laura Dickson, 401 Montague St., Dept. J. Anderson, S. C.

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Arthritis and Rheumatism sufferers: Read "Crude Black Masses" by Cyril Scott. One dollar, postpaid. Harmony Book Shop, New Castle, Penn.

Free Book — Files, Fistula, Colon-Stomach, associated conditions, Latest methods. Thornton & Minor Hospital, Suite C606, Kansas City 9, Mo.

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HONEY Mixed Flower \$9.90
Not Strong
(Extracted) 60-lb. Can FOB
12-lbs. Postpaid \$3.50
to 600 ml.
It must please you. — Order today.

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Agents Wanted. Make money and satisfied customers. Buy sell and install lightning rods. Write Reliance Company, Box 512, Sycamore, Ill.

FILMS AND PRINTS

3c Deckledge Reprints 3c
Reprints size as negative 3c and oversize prints 4c. 6- or 8-exposure roll developed and printed one each 25c or two each for 35c. Three 5x7 enlargements for 50c. Four 8x10 for \$1.00. Your favorite photo copied and 10 billfold pictures 65c. Summers Studio, Unionville, Mo.

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

TINY'S PHOTO SERVICE
Topeka, Kan.
Wisconsin Film, West Salem, Wisc., include a roll of film, same size you send, with below offers, 8 Beautiful 4x8 glossy enlargements from your 8 exposure roll 40c. 12 snappy 4x4 enlargements from your 12 exposure roll 60c. You must enclose advertisement.

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

Two Prints each good negatives, 8-exposure, 35c; 12-exposure, 50c; 16-exposure, 65c; reprints, 4c. Mayfair Photo Service, Box 617-B, Toledo, O.
12 Jumbos, 35c; 8 Jumbos, 25c; 16 Jumbos, 50c, from roll or negatives with this ad. I. Skrudland, Lake Geneva, Wis.

EDUCATIONAL—BOOKS

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

Learn Auctioneering. Term soon. Write for catalog. Missouri Auction School, Box 4746, Kansas City, Mo.

FT. Smith Auction School, Fort Smith, Ark. Term soon. Free catalog.

HELP WANTED

URGENT

HOTEL CLERK WANTED

M. G. M. Shirk

Town Tavern Hotel
McPherson, Kansas

Announce Vegetable Growers' Contest

Annual National Junior Vegetable Growers' Association contest is announced. Young people from 13 to 22 years old who are interested in gardening are eligible to join. Enrollment cards may be obtained from county 4-H Club agent, agricultural agent or Vocational Agriculture teacher.

Wins U. S. Award

A U. S. farm award has been made to a Kansan. Wilbur E. Hunter, FHA county supervisor at Oberlin has received a superior service award from Secretary of Agriculture Ezra Benson. He and 17 others in the U. S. received the award in Washington, D. C. While there they visited the USDA Agricultural Research Center, Beltsville, Md.

Add Statistician

A new statistician has been added to the staff of the office of agricultural statistician of the USDA Bureau of Agricultural Economics and the Kansas State Board of Agriculture division of statistics at Topeka. He is Eldon Johnson, 1953 Kansas State College agricultural economics graduate from Marquette.

New 4-H Workbook

Kansas 4-H Club members enrolled in the rural electrification project are helped by a Rural Electrification Workbook, recently developed by Harold E. Stover, Extension agricultural engineer.

Material is divided into 6 lessons—types of electric service, electrical terms, wire, using electricity safely, splices, connections and making a test lamp.

Name Men to Grain Advisory Group

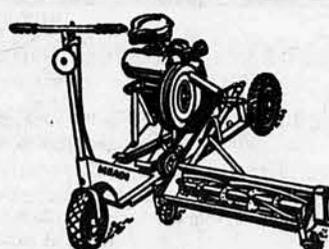
Appointments are announced for the new State Grain Advisory Commission, created by 1953 State Legislature and appointed by Governor Ed Arn. They are Russell Sites, Grinnell; J. Harm Voss, Downs; Paul Woods, Wichita; R. C. Davidson, Sr., Hutchinson, and John Briggs, Protection.

The group will hear complaints concerning handling of grain trade and advise the chief state grain inspector.

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	\$23.25	\$23.50	\$33.00
Hogs	25.00	24.00	21.25
Lamb	27.50	27.00	31.00
Eggs, 4 to 5 lbs.	.25	.27	.20
Eggs, Standards	.43 1/2	.45 1/2	.33 1/2
Butterfat, No. 1	.56	.56	.63
Wheat, No. 2, Hard	2.36 1/2	2.43	2.49 1/2
Corn, No. 2, Yellow	1.63 1/2	1.64 1/2	1.91
Oats, No. 2, White	.84 1/2	.87	.91
Barley, No. 2	1.24	1.35	1.32
Alfalfa, No. 1	—	—	35.00
Prairie, No. 1	—	—	25.00



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Dairy CATTLE

WISCONSIN DAIRY CATTLE

Choice Holstein, Guernsey and Brown Swiss Calves, Yearlings and Springing Heifers. Delivered to your farm C.O.D. Dennis R. Grosse, York, Nebr., Bx. 48, Ph. 1419

FOR SALE REG. HOLSTEIN BULL CALF

Born 11-4-52 Grandson of the 108 lbs. fat plus proven sire. The dam of this calf's sire has 898 lbs. fat at 3 years of age and the calf's own dam has 678 lbs. fat, with a 3.9% test, in 353 days. Triune and Maytag breeding.

RONALD SCHREINER Larned, Kan. Route 1

Your Next Herd Sire

We have the best set of young Holstein bulls we have ever raised, for type and records. Well grown, from our best cow families representing 30 years of breeding, records 500 to 616 fat, and sired by our good sires. Three ready for service.

Visit the farm. McVAYS', Nickerson, Kansas

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HOGS

30 BUROC BRED GILTS

They sell at the purebred livestock sales pavilion in

South St. Joseph, Mo. on Monday, June 15-1:30 P.M.

Most of these gilts will farrow the last of July and early in August. They are bred to Red Cap our great Junior yearling prospect and a few to the 48er. They are sired by the 48er, Star Velvet, Red Dutch and we have several outstanding gilts from the Simpson Brothers herd sired by Exceptionals Equal and Starlight. The Red Cap boar is sired by the 1952 Iowa grand champion Coronation. This is an offering you will like. The gilts are in very firm flesh and they are being hand fed while on good green pasture.

For sale catalog write to EARL MARTIN & SON, DeKalb, Mo. Auctioneer: Bert Powell, Topeka, Kan.

REGISTERED HAMPSHIRE BOARS REGISTERED BRED GILTS GILTS AND SOWS WITH LITTERS BOAR AND GILT PIGS ROTH BROS., Green, Kansas

REGISTERED HAMPSHIRE WEANER PIGS For Sale, Last Fall Gilts, bred or open, Young Boars. Prices and bloodline on request. Special prices to FFA or 4-H Club members. T. E. Duncan, Ft. Morgan, Colorado



In the Field

MIKE WILSON TOPEKA, KANSAS Livestock Editor

This year's "NO MONEY" CALF AUCTION at CK Ranch Field Day, at Brookville, will be held July 25th. J. J. Vanier, owner, is donating 30 top quality calves for the auction to stimulate interest in good cattle breeding practices among farm youth in America. The Gooch Red Circle "No Money" Auction is a special event of the annual CK Ranch Field Day. Letters from last year's winners tell of winning high awards in recent Midwestern Livestock shows.

AMONG REGISTERED HOLSTEIN-FRIESIAN cows in Kansas whose recently completed production records were recorded by the Herd Improvement Registry Department of The Holstein-Friesian Association of America are the following:

Owned by Jake Zarnowski, Newton—Zarnowski Reburke Rag Apple, 535 pounds butterfat, 14,274 pounds milk, 365 days, 2 milkings daily, 2 years of age.

R. C. Beezley, Girard—Beezley Farm Mistress Luetta, 653 pounds butterfat, 17,535 pounds milk, 365 days, 3 milkings daily, 7 years 9 months.

J. W. Carlin, Smolan—Carlin's Hilltop Tidy Adeen, 569 pounds butterfat, 14,984 pounds milk, 291 days, 2 milkings daily, 5 years 5 months.

Grover C. Meyer, Basehor—EOH Triune Fanny, 414 pounds butterfat, 14,128 pounds milk, 303 days, 2 milkings daily, 5 years 2 months.

Ernest A. Reed & Sons, Lyons—Thonoma Triune Duchess, 732 pounds butterfat, 19,763 pounds milk, 322 days, 2 milkings daily, 7 years 4 months.

Harry C. M. Burger, Seneca—Nemaha Repride Glenda, 541 pounds butterfat, 14,675 pounds milk, 365 days, 2 milkings daily, 2 years 9 months.

H. C. Bauer & G. J. Parks, Lawrence—Jayhawk Ormsby, Fobes Midge, 408 pounds butterfat, 10,630 pounds milk, 295 days, 2 milkings daily, 3 years 2 months.

THE EILEENMERE ABERDEEN-ANGUS SALE CIRCUIT included 7 sales in Missouri and Iowa. In these sales 460 lots of registered Angus were sold with Eileenmere bloodlines predominating. Total of the 7 sales was just a little over \$500,000, and average per lot was about \$1,100. We give you the date, place, number of head sold, average and top-selling animal in each sale: A-Bar-A Dispersal, Belton, May 1—102 lots, average \$410—top on female, at \$1,000; David & Margaret Miller, Smithville, May 2—56 lots, average \$282—top on female at \$1,060; Goose Creek Farm, Columbus Junction, Ia., May 2—59 lots, average \$643—top on bull at \$3,725; Fenney & James, Hamilton, May 4—71 lots, \$3,907—top was \$30,000 for a half interest in a bull; Marycrest Farm, Maloy, Ia., May 5—55 lots, average \$1,342—top on bull \$9,500; Harken Farm, Osceola, Ia., May 6—71 lots, average \$462—top on bull \$1,400 and Pagemere Farms, Clarinda, Ia., May 7—46 lots, average \$576—top on female \$3,150.

The 3rd HYER QUALITY JERSEY CLASSIC SALE was held on May 16 at the Fair Grounds, Springfield, Mo. Eleven females and 3 bulls came from the well-known School-of-the-Ozarks herd, at Point Lookout, Mo. Thirty head came from breeders in Kansas, Missouri, Oklahoma, Texas, Georgia, Kentucky, New Jersey, Arkansas and Iowa. This classic is open only to consignors that have herds that have bloodlines that trace back to the School-of-the-Ozark herd or to herd from which the School-of-the-Ozarks have purchased foundation stock. Fifty-four were sold for an average of \$593. Top of the sale was a female consigned by W. N. Burney Jersey Farm, Aurora, Mo. This "Excellent" 3-year-old sold for \$2,450 to Randleigh Farms, Lockport, N. Y. High-selling bull at \$1,175 went to J. Earl Stubbs, Provo, Utah. Three bulls sold for \$1,000, \$1,125 and \$1,175. The offering was distributed as follows—Missouri, 29 head; Utah, 9 head; Texas, 5 head; New York, 3 head; 2 head each to Arkansas, Louisiana and Iowa; 1 head to Kansas; 1 head to Canada.

COVE CREEK VALLEY FARM ANGUS SALE, Ulrich, Mo., averaged \$360 on 14 bulls and \$286 on 23 females. Average on 37 lots was \$314. Top of sale and top-selling bull was Lot 1. This bull was Estamer's Bandolier, a 5-year-old son of Eva's Bandolier Lad. He sold for \$2,000 to Leo Parker, Stanley, Kan. Top female was a daughter of the Lot 1 bull and sold for \$480 to Lyon Croft, Grinnell, Ia. The offering was not highly fitted and the cows with calves were not carrying sufficient flesh to sell to best advantage. Cove Creek Valley Angus Farm is owned by Mr. and Mrs. Ervin R. Ewing and this was their first sale. The sale was held on May 14, at their farm 12 miles southwest of Ulrich. Roy Johnston, assisted by press representatives, conducted sale.

Several registered Guernsey cattle in Kansas have completed production tests with American Guernsey Cattle Club.

KEITH W. VAN HORN, Sabetha, is owner of Vansdale Reliance's Frolic, with record of 9,655 pounds milk and 503 pounds butterfat on twice daily milking for a 10-month period, starting record as a Junior 4-year-old.

W. O. AND GERALD BOEHLE, Lawrence, are owners of 2 Guernseys completing tests—Boehle's Bab's Dor's 5-year-old, milked 716 times, produced 10,476 pounds milk and 629 pounds butterfat; Boehle's Damsel's Maxine, 9-year-old, milked 730 times, produced 10,698 pounds milk and 655 pounds butterfat.

EST. W. G. RANSOM, Homewood, is owner of Ransom Lotus' Lena, Junior 3-year-old, milked twice daily, produced 8,779 pounds of milk and 426 pounds butterfat over 10-month period.

HARVEY BECHTELHEIMER, Sabetha, for the 3rd year has qualified for the Progressive Breeders' Award, presented by the Holstein-

Friesian Association of America. Highest recognition bestowed upon a breeder of registered Holstein-Friesian dairy cattle, it has been achieved by only 235 breeding establishments in the U. S. He is one of 7 in Kansas to be so honored over the years.

The Bechtelheimer herd has been tested in production in official Herd Improvement Registry for 16 consecutive years. Last test year completed April 30, 1952, with the 19-cow herd averaging 428 pounds butterfat and 12,108 pounds of milk in 305 days on 2 milkings daily. Bechtelheimer has received a certificate of award and a bronze year plate to be added to the bronze plaque awarded when this herd first achieved honors.

THIEMAN'S POLLED SHORTHORN SALE, Concordia, Mo., held late in April, made an average of \$478 on 66 lots. This sale marked the 50 years of Polled Shorthorn breeding for Thieman. High-selling bull at \$2,500 went to Creek Land Farms, Clinton, S. C. The 1952 grand champion female of the Missouri State Fair sold for \$2,000 to Avenel Farms, Bethesda, Md. Buyers made selections from 12 states. Kansas buyers in this auction were J. A. Scholz, Huron D. L. Ziller & Son, Hiawatha; C. L. E. Edwar, Topeka; Wallace Brothers, Barnard; Herb Reynolds & Son, Cuba, Mervin F. Aegerter, the sales manager with J. E. Halsey and C. Swaffer as auctioneers.

L. L. BYRD'S POLLED HEREFORD SALE, Clinton, Mo., May 12, averaged \$241 on 55 lots. Seventeen bulls, mostly service age, averaged \$265, with a top of \$420. Thirty-eight females, including some cows with calves, averaged \$225. Sale top was an 8-year-old cow with bull calf that sold for \$500. R. W. Ray, Dearborn, Mo., was the buyer. Most of the offering went to buyers in West Central Missouri. A few lots went to Oklahoma. The offering was in past condition and many sold to old customers of the breeder who started his herd in 1918. Auctioneers were C. C. McGennis, Bert Powell and W. Jones.

TWO HOLSTEIN HERDS in Kansas recently have completed a year of production testing in the Official Herd Improvement Registry program of the Holstein-Friesian Association of America.

Ernest A. Reed & Son, Reed's Farm Dairy, Lyons—18 cows averaged 623 pounds butterfat and 15,701 pounds 4.0% milk in 326 days on milkings daily.

Higher View Dairy Farms, Hays—27 cows average 391 pounds butterfat and 10,597 pounds milk in 306 days on 2 milkings daily.

C. L. E. EDWARDS, Topeka, is owner of "Pabst Burke Lad Star, registered Holstein-Friesian bull who has been honored as a "Silver Medal Type Sire" by the Holstein-Friesian Association of America. Of 31 daughters of this bull born 3 or more years ago or that are known to have calved, 20 have been officially classified type by an official inspector of the national association. They have an average score of 82 points.

GROVER G. MEYER, Basehor, is owner of Odell Ajax Owana, registered Holstein-Friesian cow recently completing a production test with the Holstein-Friesian Association of America. Her record was 452 pounds butterfat and 13,400 pounds of milk. She was milked 2 times daily for 3 years 7 months when she began her testing period.

H. C. BAUER, Lawrence, is owner of Jayhawk New Model Aristocrat, registered Holstein-Friesian bull who has been rated a Preferred Pedigree Sire by the national association. Honor is based on achievements in both milk production and body conformation of parents on both sides of the bull's pedigree.

A. BEUMELER, Arkansas City, has been named a member of the American Jersey Cattle Club. He is a breeder of registered Jersey cattle now is a member of America's oldest dairy breed registry organization. It was organized in 1868 with national headquarters at Columbus, O.

On May 13, the 34 Angus sold in FRED CHILEN sale held at Salina, made a general average of \$205. Twenty-five bulls averaged \$181; 9 females averaged \$274. Two bulls reached the top of \$300. Lot 33, Sultannah Lad 2nd, sold to Ann and Carl Anderson, Jamestown, and Lot 23, Sultannah C 52nd, sold to Lloyd Ericson, Marquette; each brought the \$300 figure. Top female was Lot 27, Princess Rosebud 3rd, and sold for \$300 to C. A. Murnis, Garland, Colorado. Roy Johnston sold the offering.

E. P. GODDARD, Penokee, and a senior member of the Goddard and Sons partnership, suffered a heart attack May 13. He was taken to Hadley Hospital at Hays, where he was kept until May 23. Last reports indicated Mr. Goddard was recovering satisfactorily. However his doctors warned him he must spend a very quiet 3-month convalescence.

THE FLINT HILLS HEREFORD ASSOCIATION held their very successful meeting at the City Hall in Marion the evening of May 16. Dr. R. R. Melton, Marion, very able secretary of the group, had a full and interesting program lined up for the group. President Ted Tucker, Eureka, was in charge of the evening's program and did an excellent job of getting everyone acquainted and entertained. President Tucker announced that the "Flint Hills Tour" will be held this year on July 15 and 16. I hope everyone who can, plans to go on this year's tour as it is always one of the most scenic and fruitful from the standpoint of seeing lots of good cattle.

C. T. McNELIS, secretary of the Southeast Kansas Hereford Association, has announced the cancellation of this year's tour of Southeast Kansas breeders. This decision was made necessary by the adverse weather conditions that have persisted thruout the year in that section.

HODGEMAN COUNTY HEREFORD BREEDERS held their spring show at Jetmore, May 18. This group of breeders brought out some cattle of excellent quality. Joe Lewis, of Alfalfa Law Farm, Larned, placed classes. Mr. Lewis is one of the country's most effective judges and always holds the interest of the crowd by his excellent explanations for his placings.

The Hodgeman county group made tentative selections for their county show herd, and they promised to offer real competition to all the competing counties for the coveted award at this year's State Fair at Hutchinson.

The annual LINCOLN COUNTY HEREFORD SHOW, which was held at the Floyd Blainfield farm near Barnard on Saturday, April 18, at

Third Annual Dairy Heifer Auction

Wednesday, June 10, 1953

at 1:00 o'clock MST.

118 Head of 2-Year-Old Holstein Heifers

Will start calving July 15 — Bred to Purebred Bulls

EXCELLENT QUALITY, NATIVE, HIGH ALTITUDE, COLORADO HEIFERS, WEIGHING ABOUT 1,100 LBS.

9 miles west of

Fort Morgan, Colorado

on U. S. Highways 6 and 34

B. H. & R. K. McCONNELL, Owners

C. E. Reed, Fort Morgan, Colo.; Bob Amen, Brush, Colo.—Auctioneers

The Land Has Been Sold — the Herd Must Sell COMPLETE HOLSTEIN DISPERSAL SALE

Monday, June 8, 1953—10:30 A. M.

Sale will be held in tent at the Park College Farm at the north edge of PARKVILLE, MISSOURI

45 Head of Holsteins Sell in Complete Dispersal. Due to the fact that practically all the Park College Farm land has been sold the herd must be completely dispersed. 10 HEAD OF REG. HOLSTEINS: 4 Cows, 3 Bred Heifers, 3 Open Heifers, 35 HEAD OF HIGH GRADE HOLSTEINS: 16 Cows, 7 Bred Heifers, 12 Open Heifers. The cows are mostly all under 6 years old. Most of them are sired by the registered bull U-Mo. Chieftain Posch, a son of the 69th. The heifers are sired by Hershey Beauty Dan and 3 MFA bulls: Regal Burke Gold, Sir Aggie Fayne Brocelet; and Fobes Clyde Hill Jr. Rock. This herd has been on DHIA test for almost 4 years with cows as high as 577 lbs. of F. in 305 days. Calves are officially calfhood vaccinated for Bang's. All cattle tested for TB and Bang's within 21 days of sale date. Don't overlook this top herd. ALL MILKING EQUIPMENT, FARM MACHINERY AND MISCELLANEOUS SELLS — STARTING AT 10:30 A. M. 3-unit DeLaval Milkers, stainless steel pails and other miscellaneous dairy equipment. 1 Farmall H Tractor; 1 Farmall M Tractor; plows, cultivators and other tractor equipment. Grain drill; Massey-Harris combine; 2 wagons on rubber; E-Z Flo fertilizer spreader; IHC manure spreader and many other miscellaneous articles. For further information write DONALD J. BOWMAN, Sales Manager, Hamilton, Mo. Auctions: Don Bowman and Harvey Hartvigsen Mark Dempsey for Missouri Ruralist



Ninth Annual MIDWEST STUD RAM SHOW AND SALE

Sedalia, Missouri, (State Fair Grounds) June 15-16

SHOW 8 A. M. C.S.T., JUNE 15—Judge, Alex McKenzie, Stillwater, Okla. SALE 9 A. M. C.S.T., JUNE 16

186 HEAD OF CORRIEALES, HAMPSHIRE, OXFORDS, SHROPSHIRE AND SUFFOLKS SELL

9 Corriedale Breeders sell 4 Aged Rams, 17 Yearling Rams and Yearling Ewes. 31 Hampshire Breeders sell 10 Aged Rams, 49 Yearling Rams, 17 Ram Lambs, 26 Yearling Ewes and 9 Ewe Lambs. 3 Oxford Breeders sell 4 Yearling Rams and 2 Ewe Lambs. 4 Shropshire Breeders sell 2 Aged Rams and 9 Yearling Rams. 7 Suffolk Breeders sell 2 Aged Rams, 10 Yearling Rams, 3 Ram Lambs, 8 Yearling Ewes and 2 Ewe Lambs.

Banquet at Hotel Bothwell 6:30 P. M., Monday, June 15.

The "Tops" of Each Breed Can Be Purchased in This Auction

For sale catalog write to ROLLO E. SINGLETON, Sales Mgr.

Department of Agriculture, Jefferson City, Mo. Auctioneer: H. Earl Wright, Mt. Giload, O. Mark Dempsey with Missouri Ruralist

BUY THE BEST AT THE National Cornbelt Stud Ram and Ewe Show and Sale

IOWA STATE FAIRGROUNDS Des Moines, Iowa — Show June 23rd — The Sale June 24th

The best in the land when it comes to

Hampshires — Shropshires — Southdowns — Columbias Corriedales — Cheviots — Oxfords

Be with us on sale day to buy the Ram to head your flock and the ewes to build up your flock.

Write at once for illustrated catalog to

DONALD PULLIN, Chairman, Rt. 1, Waterloo, Iowa

SUTOR HEREFORD FARMS FIELD DAY, May 18, attracted nearly 200 persons from 5 counties. This Hereford establishment owned by Earl Sutor, Plattville, and son Darrell, Zurich, had everything in readiness for the visitors who found a full program waiting for them. A 4-H and FFA judging contest was the center of interest thruout the day.

The Sutors' new herd site raised many a compliment as cattlemen and students alike examined BP Proud Mixer 20th and found him very much to their liking. This bull is an extremely meaty, well-covered bull that is nicely balanced with lots of type. He is a very worthy addition to this organization.

JOE LEWELLEN, El Dorado, and a young Hereford breeder who is getting the job done in a very satisfactory manner, recently showed me his calf crop by Royal Tredway J. This son of WHP Tredway 8 is quite an impressive appearing sire. Yellow, with plenty of bone, a very deep, loose-headed, good-headed bull, he is not only an excellent specimen but is proving by fine calves he is a dependable breeder of popular type cattle. At last year's Futurity, Joe had the champion heifer. She was sired by this bull. From all indications, Lewellen has the material available to make a strong bid for further championships if the calves at hand develop as they suggest they will at this time.

Beef CATTLE

NOW OFFERING SERVICABLE AGE BULLS

Heavy boned, well grown for farmers, ranchers or purebred breeders of Polled Herefords.

PLAIN VIEW FARMS JESSE RIFFEL & SONS, Enterprise, Kansas

High Quality POLLED HEREFORD BULLS OF SERVICABLE AGES



Sired by Polled sons of C. K. Cadet bloodlines intensely Polled thru 40 years of constructive breeding.

REASONABLY PRICED

GOERNANDT BROS.

Ames, (near Concordia) Kansas

POLLED HEREFORDS

Good bull calves 8-12 months old. Your choice, \$165. Females of all ages at \$150 up.

EARL BOHLING, Florence, Kan.

Reg. Hereford Bulls

Bocaldo Breeding, 15 to 18 months old.

Reasonably Priced

W. J. BRINK

Lawrence, Kansas Phone 4088K3

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

POLLED SHORTHORNS

Established - 1907. Banburys over 150 in herd. Cherry Hill - Oakwood - Coronet blood. None better. For sale: One choice young sire. Club calves, bulls and females. Some of all ages. Including the show herd. No public sale. Prices reduced. You can save \$25 to \$100.

BANBURY & SONS

Plevna, Kansas 9 miles southwest of Hutchinson, then west 14 miles on blacktop.

SHORTHORN BULLS

Registered, ready for service. Sire, Millhill Excellent, imported, M. D. WHIMPLE, Rt. 3, 1st house north KFEQ towers on 71. St. Joseph, Mo.

1/2 Blood Charbray Bull Calf

7 months - tops in quality - best of breeding.

Young Reg. Brahman Bulls

At Stud: Palomino Stock Horse. Intelligent and beautiful.

BOB MCGINNESS, Lathrop, Mo., Phone 500

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BERT POWELL

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



HAROLD TONN

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

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. The smallest public sale ad accepted is 1 column by 2 inches, costing \$19.60.

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

MIKE WILSON, Livestock Editor

8th & Jackson

Kansas Farmer - - Topeka, Kansas

June 20

Will Be Our Next Issue

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

Tuesday, June 9

If your ad is late, send it in Special Delivery to 8th & Jackson Kansas Farmer, Topeka, Kan.

tracted a large crowd and an unusually fine display of Herefords. The show was one of the best the Hereford association has held.

Competition was keen in all classes. Jim Wright was awarded the championship in the bull show, and George Murray's bull won reserve championship. George Murray's heifer was judged champion, and J. G. and H. E. Miller showed reserve champion heifer.

THE APPLEWOOD ANGUS FARM SALE held at Franklin, Nebr., Saturday, May 10, totaled \$18,805 on 49 lots to make a general average of \$385. Fourteen bulls sold for an average of \$541; 35 females, \$320. Top-selling bull was Applewood A. Bardolier 43rd, and sold for \$1,275 to Bernard Becker, Beaver City, Nebr. Top-selling female was Applewood Queen 166th, and sold for \$550 to Fairmount Valley Farm, El Reno, Okla. Applewood Angus Farms is owned and operated by Ed Polka, Riverton, Nebr. Ham James sold the sale.

THE BELDEN-SCHUTZ HEREFORD SALE on May 10, was held in the Civic Center Building at Horton. Fifty-two lots totaled \$9,530 to make a general average of \$183. The 18 bulls averaged \$188; 34 females, \$181. This offering were calves and young aged cattle. Top bull was Lot 4, Prince Treadway 48th, and sold for \$375 to Ralph Rogers, Horton. Top female was Miss Premier Cadet 4th, with a young bull calf at side and brought \$325, selling to Merle Hossford, Horton. Colonel Gene Watson sold the offering.

THE VALLEY VIEW RANCH, at Haven, owned and operated by Harold Tonn, held their recent sale of Southdown wethers and Shropshire wethers, May 16. Wayne Buch, Noble, Okla., purchased the top Southdown lamb for \$61 and Charles McAtte, also of Noble, purchased the top Shropshire lamb. Top-priced female was purchased by Janis Schoof, Council Grove. General average of all lambs sold was Southdowns \$30 and the Shropshires \$23.70. Local demand was good. Sixty-eight head of sheep were sold in this sale. Colonel Harold Tonn was auctioneer.

On May 4, the KANSAS JERSEY CATTLE CLUB held their sale at Hutchinson. Fifty-three head of Jerseys were sold in this consignment sale. Seven bred heifers averaged \$229; 11 open heifers averaged \$123, 10 cows sold for \$246 down. A. L. Miller, Partridge, sold the top cow for \$350 to Harry Kautzes, Pretty Prairie. John Weir, Jr., Gueda Springs, consigned the top-selling heifer, going to Hobart Campbell, Cleveland, for \$350. James E. Berry, Ottawa, is secretary of this association. Jim Coleman, Arlington, was chairman of the sale committee.

Public Sales of Livestock

June 8—Park College Farm Complete Dispersal, Parkville, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

Holstein Cattle

June 10—B. H. & R. K. McConnell, Fort Morgan, Colo.

Aberdeen-Angus Cattle

July 20—Simon Angus Farm, Madison, Kan. September 21—WRS Angus Ranch, Hutchinson. September 24—National Aberdeen-Angus Sale, Hutchinson.

October 7—Kansas Aberdeen-Angus Association Feeder Calf Sale, Salina.

Hereford Cattle

June 10—L. J. Navran, Belton, Mo. Sale at F. Owens Pavilion, Belton. Donald J. Bowman, Sales Manager, Hamilton, Mo.

June 13—P. J. Sullivan Dispersal, Horton.

September 5—Jay L. Carswell & Sons Dissolution Sale, Alton, Kan.

September 7—Lee M. Smith, Claremore, Okla. Complete Hereford dispersal.

September 28—4E Ranch, Topeka, Kan.

October 1—Broken Winecup Ranch, Marlon, Kan.

October 5—Beeks & Cleland, Baldwin, Kan.

October 7—Brown Bros. & Streeter Funk, Fall River, Kan.

October 10—BK Ranch, Burr Oak.

October 16—Delford Ranch, El Dorado.

October 17—CK Ranch, Brookville.

October 29—Kansas Flint Hills Association, Cottonwood Falls, Kan.

November 2—Sumner County Hereford Breeders, Wellington.

November 4—Lincoln County Hereford Association, Sylvan Grove, Kan.

November 6—Cowley County Hereford Breeders' Association, Arkansas City, Kan.

November 9-10—Sunflower Futurity, Hutchinson.

November 11—W. H. Tonn & Son, Haven, Kan.

November 18—Bellyacres Ranch, Paxico.

November 23—Solomon Valley Hereford Association Sale, Osborne, Kan.

December 4—South Central Hereford Association, Newton, Kan.

Guernsey Cattle

June 10—H. J. Regier Dispersal of Guernsey Herd, registered and grade, Hillsboro, Kan.

Polled Hereford Cattle

July 11—Joe O'Bryan Polled Hereford Sale, Hiattville, Kan.

September 4—Mar-Don Farm Reg. Polled Hereford Complete Dispersal Sale, Don S. Myer, Columbia, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

September 28—4E Ranch, Topeka, Kan.

October 12—Ferry Hedrick & Sons Registered Polled Hereford Production Sale, Anutt, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

November 2—Frank Matheson, Natoma, Kan., and Jake Reich & Son, Paradise, Kan. Sale at Natoma.

November 7—O'Bryan Ranch, Registered Calf Sale, Hiattville.

November 17—O'Bryan Ranch Polled Herefords, Hiattville.

November 20—Central Kansas Polled Hereford Association, Herington, Kan. O. J. Shields, Sales Manager, Lost Springs, Kan.

November 21—Jesse Riffel & Sons, Enterprise.

Red Poll Cattle

November 11 & 12—Annual meeting and National Sale, Topeka, Kan. F. A. Sloan, Secretary, 3275 Holdrege St., Lincoln, Nebr.

Shorthorn Cattle

October 14—Feeder Calf Sale, Salina.

October 19—Shorthorn and Polled Shorthorn Sale, Cambridge, Nebr. Thos. Andrews, Sale Manager, Cambridge, Nebr.

November 13—Kansas Polled Shorthorn Sale, Hutchinson.

November 14—Kansas Shorthorn Sale, Hutchinson.

Corriedale Sheep

July 27-28—All-American Corriedale Breeders Show and Sale, Columbia, Mo. Rollo E. Singleton, Secretary-Manager, 108 Parkhill Ave., Columbia, Mo.

Duroc Hogs

June 15—Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.

Suffolk Sheep

June 8—Warrick & Rock, Oskaloosa, Ia.

Sheep—All Breeds

June 19-20—Midwest Stud Ram Show and Sale, Sedalia, Mo. Rollo E. Singleton, Sales Manager, care State Department of Agriculture, Jefferson City, Mo.

REGISTERED HEREFORD DISPERSAL

at the Civic Center

HORTON, KANSAS

JUNE 13, 1953

Starts at 12 Noon

Horton is 30 miles south of Falls City, Nebr., 40 miles west of St. Joseph, Mo.



73 LOTS - 114 HEAD

Due to illness, I must dispose of my herd of cattle consisting of 2 HERD BULLS. PRINCE TREADWAY 5TH, 5970284 (grandson of WHR Treadway 8th), HR DUKE MIXER, 6679019 (grandson of WHR Duke Pride). 40 cows with calves at foot sired by the 2 bulls mentioned above. 12 2-year-old heifers, bred to Prince Treadway 5th. 13 yearling heifers bred to Prince Treadway 5th. 6 yearling bulls.

These cattle are in healthy, pasture condition, having been out on grass all winter. Health certificates furnished with every animal.

Write for catalog

P. J. SULLIVAN

Mercier, Kansas

Attention! REG. HEREFORD BREEDERS—COMMERCIAL MEN—FARMERS Make Your Plans Now to Attend the Big Complete Dispersion Sale of the

L. J. Navran Stock Farm REGISTERED HEREFORD HERD

181 HEAD SELL

Rich in Plus Lamplighter, Larry Domino, and other popular bloodlines

WED., JUNE 10

12 O'CLOCK NOON

The sale will be held at the new modern Ferd Owens Sale Pavilion on U. S. Highway 71 (formerly known as the great Pickering Hereford Farm).

Belton, Missouri



"PLUS LAMPLIGHTER"

Three Well Bred Herd Bulls—Belton Lamplighter, calved February 3, 1949, and Dominator Plus, calved March 12, 1948, both sons of Plus Lamplighter, the noted Rolla Jones bull who in turn is a grandson of the well known Dan Thornton sire, Domino Plus 2nd. Super Larry Donald, calved April 10, 1949, a double grandson of Larry Domino 50th out of a top Beau Caston 315th. His sire, Super Larry D. 39th was bred by J. S. Bridwell, Wichita Falls, Tex. 65 Good Brood Cows, mostly under 7 years old with 44 calves at side. A number to calve soon.

17 Head of Bred Heifers - 21 Open Heifers

Many of these 103 females would make good foundation animals. \$1 Head of 1930, 1931 and 1932 Rugged Bulls, mostly ready for heavy service. All cattle in pasture condition. The herd has been tested within 30 days of sale date for Tb. and Bang's; individual health papers will be furnished.

Don't Miss this Big Complete Dispersion. Write today for sale catalog to

DONALD J. BOWMAN, Sales Manager, Hamilton, Mo.

Auctioneers: Freddie Chandler and Don Bowman Mr. Barker, Farm Manager Clerks: Mrs. Donald Bowman and Mrs. Robert Eklund

MAC



1 Farm + 4 Nelsons = 4 Businesses!

The four Nelson brothers, Ted, Bud, Dick and Howard. Since their Dad passed away in 1947, they have had complete charge of their 610-acre farm, north of Cedar City, Utah.

Yes, four businesses—all of them located right on the Nelson farm! The farming operation itself consists of growing such crops as hay, barley, corn, wheat and oats. And the energetic brothers also raise cattle, sheep and turkeys. But that's only part of the story! They also operate a butcher business which serves customers from Cedar City to St. George, Utah. Last year they slaughtered and sold 1,385 beef cattle, 1,730 hogs, and 520 sheep. It all added up to a \$327,000 business! In addition they operate an animal by-products plant for poultry feed and, to top it all off, run a sawmill on the farm, too!

At present, brother Howard is building a house almost at the corner of one piece of their farm land. The other three brothers also plan to build on their land, for they feel there's plenty of elbow room and scenic beauty for all! Before World War II, the Nelsons bought from several oil companies. But in 1940 they tried Conoco and have never since bought another oil. Here's how Howard Nelson explains it: "We recommend CONOCO Super and HD MOTOR OILS because they have the best lubricating qualities we have found in premium motor oils.

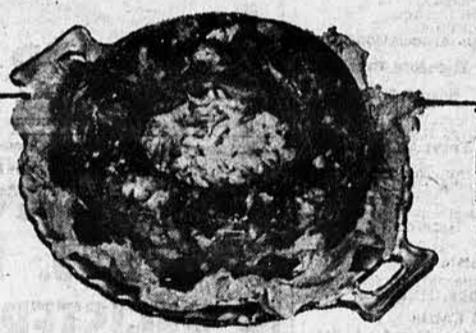
They afford easy starting in frigid temperatures, hold up in body in extremely hot weather and consumption is negligible. We want the best in lubricating oils to avoid costly repairs. That's our reason for buying nothing but Conoco." Don't you feel that only the best is good enough for your equipment? Don't you agree that the best lubricating oils do cut down on repair? Why then . . . the next time you need petroleum products . . . just give the Conoco Man a ring. He's got a mighty interesting story that you'll want to hear!

Chicken Salad

by Mrs. Tom Burroughs, Marshfield, Missouri

- 1 pkg. lemon gelatin 2 cups hot water
- 1 1/2 cups diced cooked chicken
- 1 cup diced celery
- 1 cup drained white cherries or white seedless grapes
- 1 doz. sliced, stuffed olives or 6 sweet pickles

Fix gelatin as directed. Cool; when syrupy, add all other ingredients. Let set, cut in squares; or you may chill in ring mold. Serve on lettuce leaves. Top with mayonnaise or whipped cream.



SHEARS FOR RECIPES! Send your favorite recipes to Mrs. Annie Lee Wheeler, Dept. E, Conoco Cafeteria, Ponca City, Oklahoma. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

Eat Less! Run Better! Live Longer!

50,000-mile road tests of grueling desert driving, with 1000-mile oil changes and proper filter service, proved that engines lubricated with CONOCO Super MOTOR OIL delivered gas mileage 99.41% as good for the last 5000 miles as for the first 5000. And—engines actually showed less average wear than 1/1000 of an inch on cylinders and crankshafts! PROOF that CONOCO Super MOTOR OIL, with Oil-Plating®, does help engines eat less gasoline and oil—run better—live longer!

CONOCO Super IS A HEAVY-DUTY OIL!



"Two old Chevrolet demountable rims cut in half, welded with cross-arm as shown, make a sturdy oil stand for 30- or 55-gal. drum," says Glen Behrens, Talmage, Nebraska. "High enough for filling up to 5-gal. cans with ease."



"Attach choke or gas cable from old automobile to engine on pickup bailer so driver can control engine from tractor," says Ermon Henson, Route 1, Poteau, Oklahoma. "Attach strong rod to tongue and fasten cable to top of rod."

Send your original ideas to *The Tank Truck*, Dept E, Continental Oil Company, Ponca City, Oklahoma, and get a genuine \$10.25 D-15 Henry Disston Hand Saw for every idea that's printed!

- Has a Full Line of Farm Products Including:
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