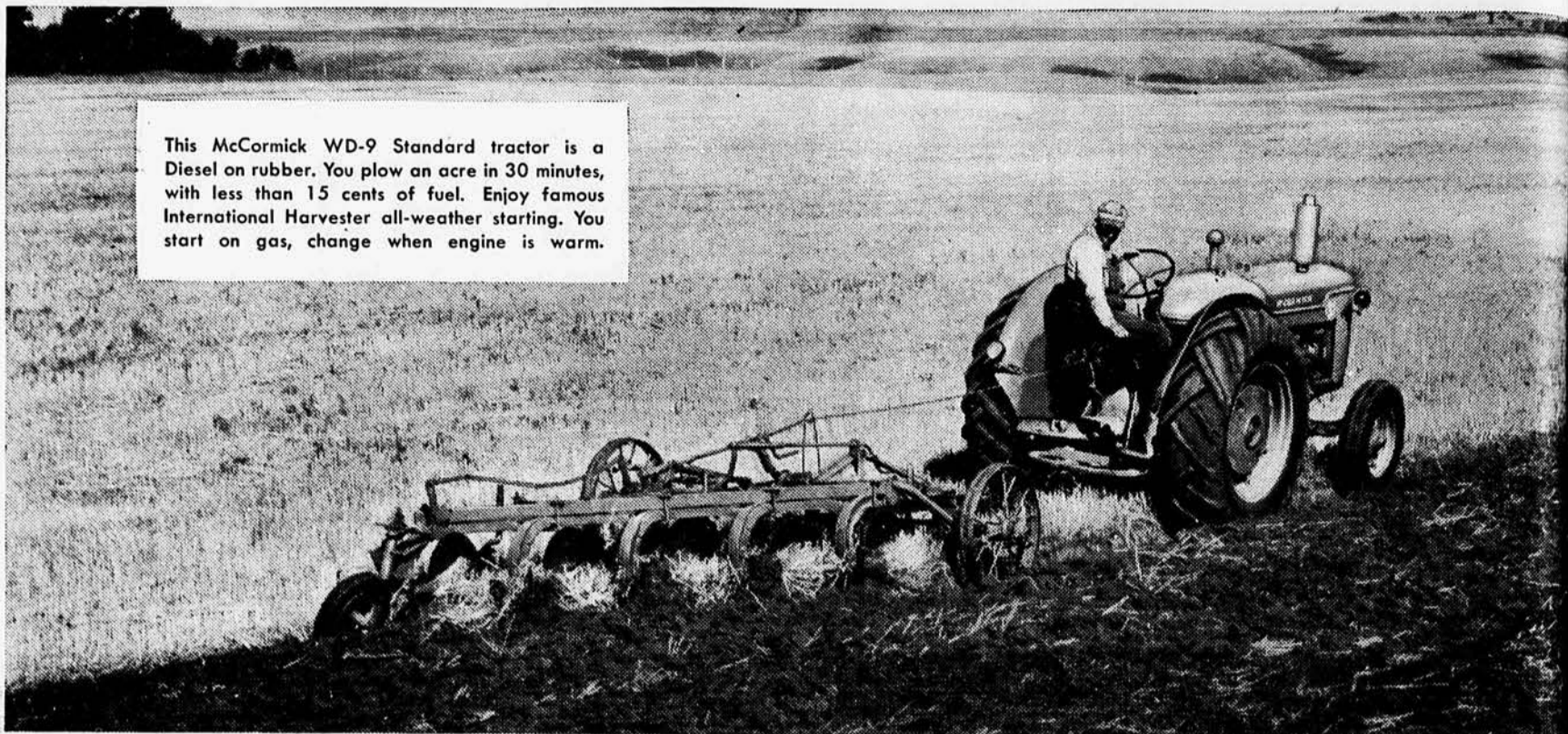


# Kansas Farmer



- **Farmers Fly to Mexico . . . Page 5**
- **What Your Board of Agriculture Does . . . Page 16**
- **Kansas in the 1850's, By Lela Barnes . . . Page 24**



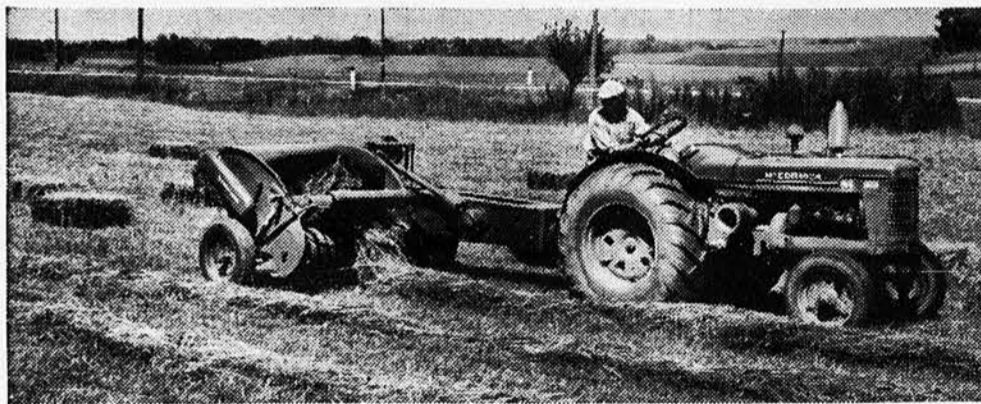
This McCormick WD-9 Standard tractor is a Diesel on rubber. You plow an acre in 30 minutes, with less than 15 cents of fuel. Enjoy famous International Harvester all-weather starting. You start on gas, change when engine is warm.

## This McCormick Standard Tractor can cut your field time in half

**Why drive 560 miles to plow 160 acres?**

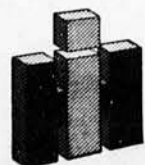
**Do your plowing in days instead of weeks**

With a Standard WD-9 tractor you can do the job in half the miles, in half the time, compared with a 2-plow tractor. There are five McCormick Standard tractors from which you can select the size best suited to fit your farm . . . to save your time—to cut your labor and fuel costs way down. The line includes the WD-9 and WD-6 (Diesel) and the W-4, W-6 and W-9 (gasoline).



At haying time, the *five* forward speeds and the variable speed governor team up with 4 cylinders to give you s-m-o-o-t-h power—at a crawl or full throttle. The two-plow McCormick W-4 Standard shown here provides take-off power for the McCormick No. 45 pick-up baler.

McCormick Standard tractors are easy to buy, too. See your International Harvester dealer for full details about the right size tractor for you, about easy-to-handle credit terms.



# INTERNATIONAL HARVESTER

This sign means top IH service at your IH dealer—all the year round.



You don't *have* to punish yourself to get your field work done. Try this McCormick W-6 Standard tractor, shown cultivating 40 acres a day. Notice the wide, comfortable tires . . . you *ride on air*. The big automobile-type steering wheel and all controls are handy. Regular equipment for McCormick Standard tractors also includes oil bath air cleaner, replaceable cylinder sleeves, heat indicator, tiltback waterproof seat and individual foot brakes.

International Harvester,  
P. O. Box 7333, Dept. KF, Chicago 80, Ill.

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I'd like to cut my labor costs. Send me your free booklet on McCormick Standard Tractors.

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# *More* PIONEER



## *has been ordered than ever before in history*

**No Stronger Testimonial Could Be Written  
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Plant Pioneer!**

In just a little over four months, farmers ordered more bushels of PIONEER Hybrid Seed Corn than during any previous full year's period in all Garst and Thomas history.

Pioneer customers discovered — again this past Fall — that PIONEER puts more corn in the wagon — leaves less on the ground.

In spite of the greatest PIONEER sales in history — your local PIONEER Sales Representative still has a good selection of varieties and kernel sizes. See him TODAY.

**Garst & Thomas**  
*Hybrid Corn Company*  
Coon Rapids; Iowa



# PIONEER

THIS YEAR!

# Farm Matters

## AS I SEE THEM

**T**OO MUCH government; too much government spending; too heavy government taxes; down the road, too many and too severe government controls.

The foregoing, in my opinion, sums up the long-range domestic problem that faces not only American farmers, but all American citizens.

This long-range domestic problem is obscured for the time being by a number of complicating factors. Probably most pressing of these is that of foreign relations. Running along with foreign relations is the always painful process of a postwar adjustment too many of us are trying to postpone indefinitely.

At the close of the shooting phase of World War II we announced to the world the United States had taken over world leadership. It looked as if we were in position to do so—almost as if we just had to take over world leadership. And it looked, also, as if we had earned that right, or shouldered that responsibility.

It was the industrial strength, transformed into military might, of the United States that had forced the final decision in the war—ended the imperialistic dreams of Germany, Italy, Japan. Little more than 4 years ago, with V-J day, it was not generally realized that while the United States had insured the defeat of Germany, Italy and Japan, it also had assured the dominance of Communist Russia in the Far East; that within 2 years after V-J Day the West would have its back against the wall in a struggle to prevent Russian dominance over Europe.

In these postwar years we have maintained and somewhat strengthened a foothold in Western Europe. But the retreat of Chiang Kai-Shek to Formosa from the mainland of China, and the retreat of the United States from Formosa, have highlighted the Russian advance to dominance of the Far East. Every time the Congress of the United States attempts to get down to brass tacks in attempting to deal with our domestic problems, some new Russian treaty to peace in the foreign field demands full attention and prompt action.

Meanwhile, what is the situation at home?

In 4 messages to Congress (state of the union, economic report, budget and taxes) President Truman has made it pretty plain the Administration policy is to inject a fresh dose of inflation every time there comes a threat of deflation, or any contraction in employment, or in the use of credit, or in the turnover (free spending) of money.

In other words, the Truman domestic program seems to call for a perpetual boom, as evidenced in his picture of a trillion dollar national income, \$12,000 annual wage for workers, by the year 2000.

This perpetual boom is to be brought about by continued government spending (necessarily deficit spending on the scale proposed). And in order that the government can collect increasing tax revenues the people must also engage in heavy spending—and much of that will be deficit spending, also.

Granting that we in the United States have been blessed with great natural resources—

some of which we have dissipated with as much careless abandonment as the prodigal son in the Bible—it also may be accepted as true that much of our wonderful growth and progress in two centuries can be attributed to the philosophy expressed in the old proverb:

"A dollar saved is a dollar earned."

We were brought up to believe in thrift, in saving dollars, and investing the saved dollars.

But that has been supplanted by the New Deal—Fair Deal—Welfare States philosophy, which could be stated this way:

"A dollar saved is a dollar stolen from the government."

Money, it is felt, is a device that can and must be used to keep things moving. Dollars are something to be turned over steadily, by government, by business, by individuals. Dollars, as such, to be saved, stored, invested, have not much place in this scheme of things. Dollars are to be used as a fuel, pumped in by government to give people what they want. That calls for keeping up prices, forcing up wages, forcing up dollar incomes, so government can collect more and more in taxes needed for big spending by government, and for servicing a bigger and bigger public debt.

Such a system can end only in national bankruptcy. As Wint Smith puts it, we cannot have individual security in a bankrupt country.

Have we traveled the road too far to go back? I refuse to believe that—but I am more than disturbed.

### Doing for Others

**I**HAD a very delightful experience last week. It was during the Thursday afternoon session of the Kansas State Board of Agriculture annual meeting. I was invited to appear before this great body to receive the National Safety Council's Award of Merit for Distinguished Service to Farm Safety. Dr. Ned H. Dearborn, president of that organization, came out from Chicago to present the award.

I am told this honor has gone to only 4 people in the United States. One to Dr. H. H. Young, of the Mayo Clinic, one to T. A. Erickson, of General Mills, Inc., in Minneapolis, and the other 2 to our own J. C. Mohler, retiring secretary of the Board of Agriculture, and to me. That, indeed, is great honor.

But I want to tell you why I consider this one of the greatest honors I have ever received.

This Award of Merit was given in recognition of doing something for others; for being of service to friends and neighbors—in this particular case, to the wonderful farm people of Kansas. Doing something worthwhile for others gives me the greatest possible satisfaction. And if in my efforts toward teaching farm safety I have helped prevent an accident to someone, or helped avoid pain and suffering, or best of all, if I have contributed in any way toward saving a life, I have been doubly repaid. I can think of no greater honor that could come to anyone.

Ever since I have been the publisher of farm

papers, I have been a strong booster for farm safety. If you look back thru the files of Kansas Farmer you will find many articles on the importance of practicing farm safety. In these later years, as you well know, I have been especially interested

in presenting awards to our safety champions in 4-H Club work. For 12 years now you have read in Kansas Farmer about the fine work these champions have done in preaching and demonstrating and practicing farm safety in their home communities.

When you realize there are about 27,000 4-H members in 1,287 4-H Clubs in our 105 Kansas counties, you can see the importance of having each one of them a missionary of safety; you can well understand what a great job of accident prevention so many fine young folks can do in so many rural communities.

I have been so pleased with the safety progress resulting from 4-H Club effort that I want to help, thru Kansas Farmer, in expanding this safety work to other farm groups and other rural communities.

There is need for it. Despite all the farm safety work that has been done, we continue to hear a great deal about farm accidents. I think too often farm people get the feeling that "it can't happen to me. It might happen to the other fellow, but not to me." But, my friends, don't you see that to somebody else you are that "other fellow." I hope you folks reading this will make farm safety one of your first and lasting goals during 1950.

As I mentioned earlier, the same program that brought my safety award last week also recognized my good friend J. C. Mohler, for so many worthwhile years the outstanding secretary of a board of agriculture in the entire United States. I scarcely need to tell you that Mr. Mohler is known nationally as one of the greatest agricultural men of our time. But he is known and recognized nationally also for his safety work.

Just let me mention it briefly here. A dozen years ago he became chairman of the farm safety committee of the Kansas State Safety Council. Promptly, thru his efforts, farm accidents in Kansas started to decline. Word of Mr. Mohler's success got around. In a short time many states and even foreign countries were writing for his ideas and plans of action. As a result, safety councils in many states have been able to save more farm lives. You can understand how pleased I was to be honored on the same program with Jake Mohler.

Being a loyal Kansan I told Doctor Dearborn that he couldn't possibly find a better state to visit in making safety awards.

And I want to state here again how thoughtful I think it was, how courteous it was, of the Kansas State Board of Agriculture in annual meeting to make it possible for me to receive the safety award before that great body.

*Arthur Capner*  
Topeka.

## Oleomargarine Tax Repeal Has Better of It

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

**W**ASHINGTON, D. C.—Unless dairy interests can either (1) tack on amendments to the colored oleomargarine tax repeal bill which will make it unacceptable, or (2) carry on a filibuster which will stave off Senate action on any of the most highly controversial measures in the Truman "Welfare State" program, the present session of Congress will repeal the federal tax on colored oleomargarine. (See page 26, in this issue for Kansas farm action on this subject.)

On the face of it, colored oleomargarine repeal has the better of it. If the vote is taken on that issue, oleomargarine manufacturers will win—they have lined up enough consumer support to make that practically certain.

If the vote should come on that issue. Underneath, dairy interests as of today still have a fighting chance. There are enough senators who want to stave off the "Welfare State" issue at this session, and let the voters decide it next

November, to give the dairy people that fighting chance thru postponement. Southerners don't want the so-called "civil rights" program—anti-lynching, antipoll tax, and above all the FEPC bill. In regard to FEPC which would give local FEPC committees a stranglehold on practically every business in the nation, there are plenty of other Senators who side with the Southerners—until the roll call are taken. So as of today passage of the

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(Continued on Page 29)

# Kansas Flying Farmers Go South Again

By Ed Rupp

They are vacationing in Mexico right now—until January 29. Flying trips—that is only one use for the airplane. The farm-owned plane has graduated from its luxury status. It is more than a sport aid, a means of speedy transportation. It is being adopted into the farm-implement family.

THOSE Kansas Flying Farmers are back in Mexico again—January 17 to 29. It's the second successive winter vacation trip for this flying group. They are enjoying warm days and pleasantly cool nights south of the border, while wintry winds blow in the expected manner up here in Kansas. Nearly 150 of these farmer-aviators and their wives are taking part in this year's Mexico vacation. Accompanying the group are Governor and Mrs. Frank Carlson. Governor Carlson was made an honorary member of the Kansas organization last year. He planned to cut his participation in the trip short because of Kansas day activities at home. But he and Mrs. Carlson

joined up with the group for as much of the vacation as he could spare from his office.

Last year 169 flying farmers, their wives and a few children went on the flight to Mexico. But that was only a part of the total membership. Many others unable to go last year requested a trip this year. A poll of the membership showed more than 80 per cent of those voting preferred to return to Mexico.

Of course, some who went last year are with the group again this January. But the 2 trips planned this time differ from last year's excursion. It will be an interesting vacation even for those who have been south of the border several times.

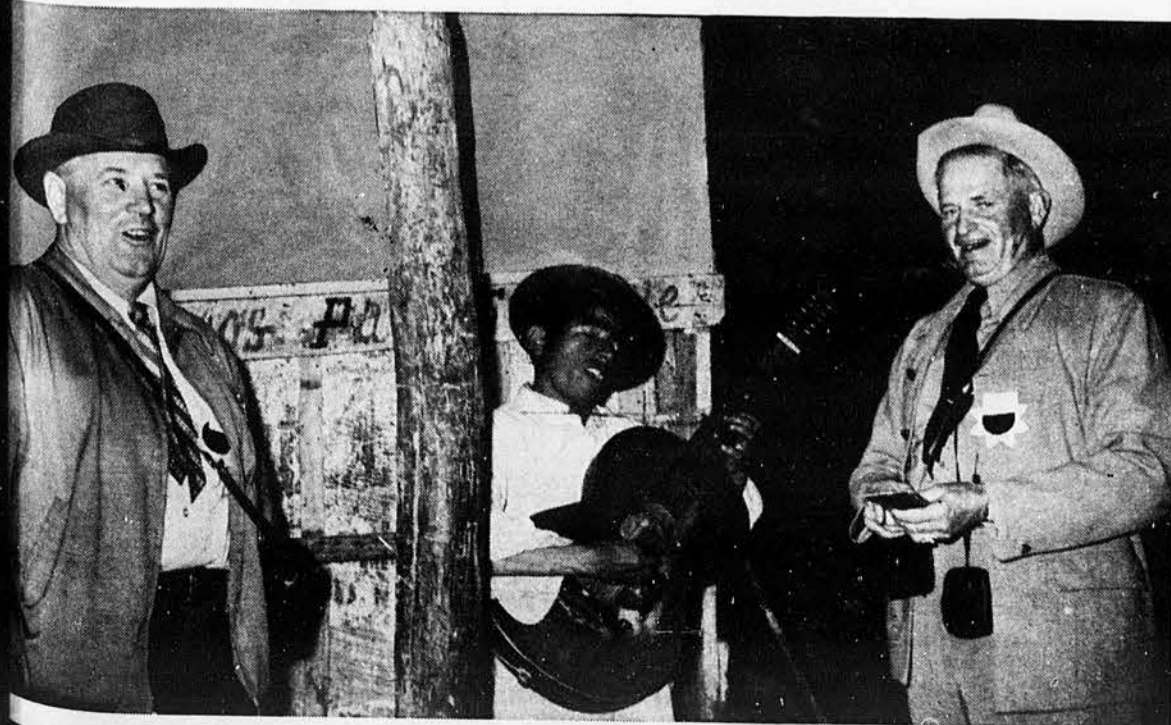
After meeting in Monterrey January 17 and 18, and taking part in a special airport inauguration at Saltillo, about 60 miles away, the 2 groups planned to go separate ways. One planned to take a leisurely sight-seeing tour thru the historically interesting parts of Mexico, northwest and west of Mexico City. Long hauls on this trip would be made by airliner, short hauls by busses and cars. This group will visit several state capitals, including San Luis Potosi and Guadalajara. They will visit resorts and historically famous places. Places where nothing has changed for 200 years. This tour will be climaxed with a stay in Mexico City from where they will fly back to Monterrey, January 27, to meet members taking the other tour.

Departing Monterrey, the second group went by airliner directly to Mexico City. Then after a day or two they flew on south to Acapulco for 5 days of rest, relaxation, deep-sea fishing, hunting, bathing and [Continued on Page 28]



**WOMEN BELONG (Above):** When Ailiff Neel was president, and Roberta Neel was Mrs. President, wives of flying farmers took an interest in the club. More than 100 women became members. It added new life to Kansas Flying Farmers, Inc.

**FIRST KANSAS PRESIDENT (Below):** Alfred Ward, right, formerly of Johnson, now of Akron, Colo., headed the Kansas Flying Farmers the first year they were organized. He and Bert Hanson, Vernon Center, Minn., National Flying Farmers vice-president, sing along with a Mexican boy while on last year's vacation trip with the Kansans.



**GOVERNOR JOINS UP (Above):** Governor Carlson joined the vacation trip this year. He looks over reports of last year's trip with Ed Rupp, secretary of the flying club and associate editor of Kansas Farmer magazine.



**FOURTH PRESIDENT (Above):** William Janssen, McPherson, is the fourth man to head Kansas Flying Farmers. He led the first vacation trip to Mexico. Mr. Janssen was among the first to try aerial spraying of wheat in 1948.



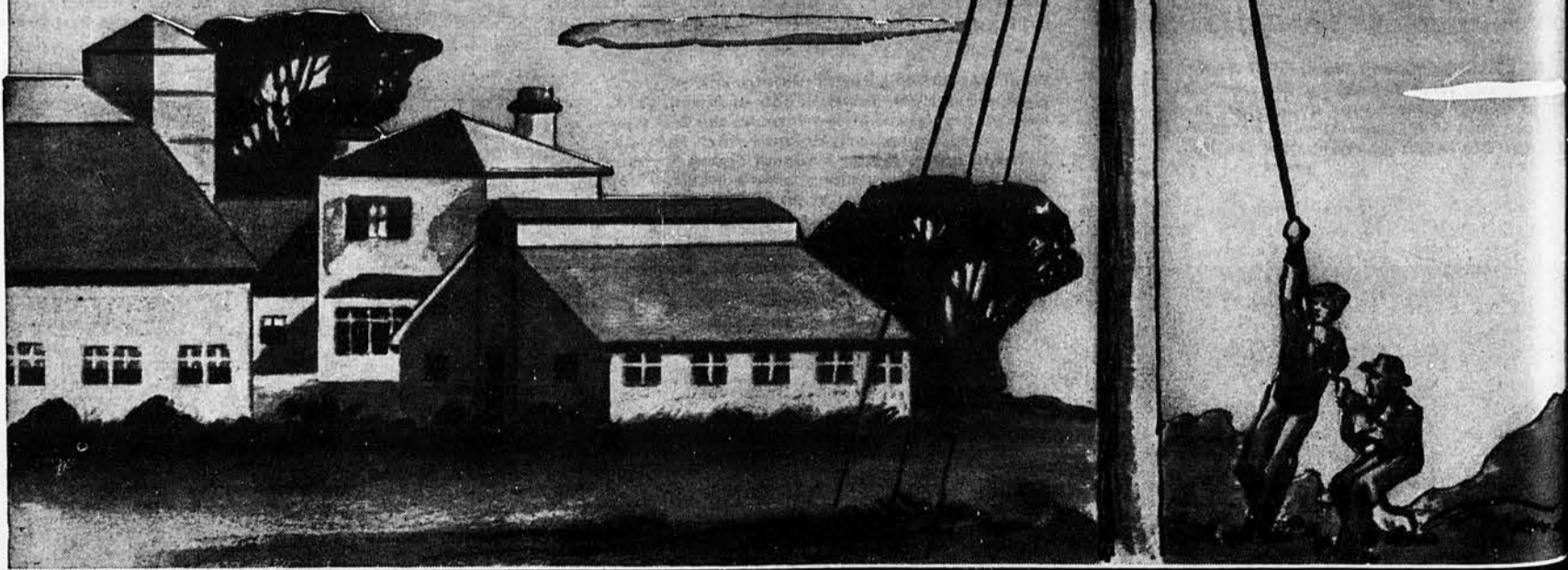
**GEORGE AND JUNE GALLOWAY (Above):** Wakarusa is their home. He was the second president of the Kansas Flying Farmers. He had the difficult job of keeping interest alive in the organization after initial enthusiasm wore thin.

**PROGRESS TOWARD A COMMON GOAL:**  
**Highline Service for Every Kansas Farm!**

**T**ODAY more than 100,000 Kansas farm families enjoy the benefits of electric service on their farms . . . and during the past year more than 18,000 of those Kansas farm families have received highline electric service for the first time.

Despite the shortage in all fields of construction, your tax-paying electric companies are training workmen, building stocks of poles, wire, transformers and other equipment necessary for the development of new lines, increasing generating capacity and doing everything humanly possible to speed highline electric service to every Kansas farm home. This is being done in co-operation with other groups and agencies interested in bringing better electric service to you. That's progress toward a common goal.

If you're still waiting for highline electric service on your farm, you can be sure that your electric company is making every effort to get electric service to you as soon as possible . . . a goal for 1950.



**ELECTRICITY—**  
**Does the Job Better!**

Central Kansas Power Company  
 Kansas City Power & Light Company  
 The Kansas Power and Light Company

Eastern Kansas Utilities, Inc.  
 Kansas Gas and Electric Company  
 Western Light & Telephone Company

**\* 18,000 MORE Kansas Farms CONNECTED TO HIGHLINES in 1949 . . .**  
 As Rapidly as Materials and Manpower Become Available Customers Will Receive SERVICE

- Buy right kind of chicks
- Get them early enough
- Raise enough of them, and—

## Poultry Will Make Money

By TOM AVERY, Department of Poultry Husbandry, Kansas State College

Success in any business requires careful planning. The poultry business is no exception. So it is not too late to start planning for the chicks expected to raise in 1950.

With the present poultry prices are so discouraging, it does not necessarily mean they will remain that way. In the past, conditions have been even favorable, with the good manager showing a profit. Good management means efficient management, and efficiency comes only by careful planning.

When making preparations, plan so that the investment is used to the greatest advantage. If you plan to keep poultry for a profit, have a large enough unit to justify good housing and modern saving equipment. The more you invest in your poultry enterprise, the more interested you will be in the job right. The man who does a good job produces a desirable product which in turn brings a more satisfactory price.

### Need 300 or More

The breed and exact number of birds you brood depends largely upon the likes and the purpose for which the birds are intended. Experience has shown that farm flocks of 300 or more birds are most profitable. Fewer than that number require more labor per bird, and too few eggs are produced to inspire proper care and management.

There is a definite trend in the poultry industry toward specialization. This first started in specialized egg production and in specialized broiler production areas of the west and east coasts, and has gradually spread to the west.

Now birds are ideally suited for both maximum egg production and efficient broilers.

If you plan to specialize in broiler raising, make your plans accordingly by purchasing chicks from good broiler parents. These birds are bred to make economical growth to 12 weeks of age but sometimes are poor producers.

Chicks bred for egg production frequently do not make rapid early growth and develop into very efficient layers.

Our present day of specialization, with the selection of a particular strain within a breed is as important as the selection of the breed itself. Although the New Hampshire is one of the newest of the popular breeds of chickens, it is probably the most highly specialized. There is much difference between strains of

the breed as there is between different breeds. Some strains have been developed for the broiler industry, while other strains are purely for egg production.

If it is high egg prices you are after, plan to purchase chicks early and capitalize on the higher egg prices that prevail during the last 6 months of the year—that is, from July 1 to January 1. For many years successful poultrymen have had their eyes on the late summer and fall egg market. There are very few exceptions. Prices do seem low now, but have you forgotten the price received for eggs last October? If this same trend continues, then prices should again be favorable for eggs produced next summer and fall.

### Get Top Egg Prices

Good egg production strains of chicks that have been well fed and properly cared for should be in production in from 5 to 6 months after hatching. May-hatched chicks come into production in October and one is able to take advantage of very little of the favorable egg prices, while February-hatched chicks are laying in July. That means greatly increased production during the high-priced months.

There are some disadvantages in hatching chicks too early. For instance, brooding costs on December- or early January-hatched chicks are quite high. There also is the danger from these birds coming into production so early that a neck molt occurs in the fall. A fall molt among pullets is very undesirable as production is greatly reduced, usually during August and September just when eggs are most in demand. If properly managed, February-hatched pullets, particularly of the heavy breeds, will not go into a fall molt.

Probably the most important thing you do in your entire year's poultry operation is the purchase of your baby chicks. If you aren't getting good egg production from your hens this winter, then think about the chicks you purchased last spring. Breeding is the foundation for the amount and kind of eggs you will get 5 to 6 months later. It doesn't take very many eggs to pay the difference between a well-bred chick that makes a profit and one that just lays enough to get by.

### Helps Children

Scolding children constantly for leaving their closet doors open is a nerve-racking business. This can be eliminated by snapping a screen-door spring on each offending door.—A. B. C.

## The Cover Story

All America Only a Few Hours Away by Plane

TYPICAL Flying Farmers. That is the A. S. (Sonny) Neel family, of Little River. All 4 of them, Sonny, Virginia, Chuck and Connie. When they go someplace the whole family climbs into their 4-place plane and they cover the distance in short order.

Taxi strip from their hanger to the runway goes right by their front porch. A new U-shaped combination driveway and taxi strip is under construction right now on the Neel farm, which will make the plane even handier for them.

Sonny Neel is basically a wheat farmer. But he has nearly 500 acres of native grass, too. All put together, that means wheat, legumes and alfalfa. A combination that is hard to beat. Both he and Mrs. Neel are Club leaders. And their plane gets a workout there, too. Extra awards for winning judging contests are plane rides. It has stirred up enthusiasm for club work.

Late last summer the Neels took time off from their farming to make a 2-week trip to Oregon and Washington state. They went in their own plane, of course. The family got an early start from Greeley, Colo., one morning and arrived at Ontario, Ore., that same day. On the return trip they left Oregon early in the morning and 13 hours and 45 minutes later were at home. Four stops were made. It took only 57 gallons of gasoline to cover the 1,550 car miles.

Total expense during the 2 weeks was \$70. They visited with many relatives while on the west coast. That had a lot to do with it. Firm believers in the airplane, they are typical flying farmers.

# FRIGIDAIRE . . . Has Kept Step With Highline

## Progress

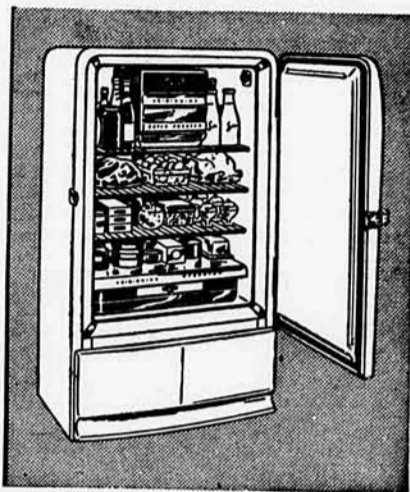
DURING 1949

Thousands of  
Kansas Farm Families

Bought

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SEE THEM AT ANY OF THESE DEALERS

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| <b>ALMA</b><br>Hasenbank & LaMar                | <b>COUNCIL GROVE</b><br>Rumsey & White           | <b>KINSLEY</b><br>Maytag Appliance Co.                   | <b>PITTSBURG</b><br>Rodkey's Elec. Serv.            |
| <b>ALTAMONT</b><br>Holmes Hdwe. Co.             | <b>DIGHTON</b><br>Mull Electric Service          | <b>KIOWA</b><br>Fisher-Wood Hdwe.                        | <b>PLAINVILLE</b><br>Mosher Bros.                   |
| <b>ANTHONY</b><br>Wood Music Co.                | <b>DODGE CITY</b><br>Hainline Appliance Co.      | <b>LACROSSE</b><br>Pittman & Pittman                     | <b>PRATT</b><br>Link Electric Co.                   |
| <b>ARGONIA</b><br>Horton Furniture Co.          | <b>DOWNS</b><br>Cunningham Oil Co.               | <b>LAKIN</b><br>J. C. Hart & Co.                         | <b>PRETTY PRAIRIE</b><br>General Appliance Co.      |
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| <b>BLUE RAPIDS</b><br>Brake's Furn. Store       | <b>GIRARD</b><br>Evans Electric Co.              | <b>MANHATTAN</b><br>Kaup Furniture Co.                   | <b>MANHATO</b><br>Beam Motor Co.                    |
| <b>BUCKLIN</b><br>Day Hardware Co.              | <b>GLASCO</b><br>R. W. Cramer Hdwe.              | <b>MARION</b><br>W. J. Haas Furn. & Ap.                  | <b>MARION</b><br>W. J. Haas Furn. & Ap.             |
| <b>BUHLER</b><br>Voth Radio Shop                | <b>GODDARD</b><br>D & G Electric Co.             | <b>MCPHERSON</b><br>Green Furniture Co.                  | <b>MCPHERSON</b><br>Green Furniture Co.             |
| <b>BURDEN</b><br>Lewis Chevrolet Co.            | <b>GREAT BEND</b><br>Chaffee Electric Co.        | <b>MEADE</b><br>C. F. Worman Elec. & Pibg.               | <b>MEDICINE LODGE</b><br>Dickey Appl. Co.           |
| <b>BURNS</b><br>Lyons Supply Co.                | <b>HANOVER</b><br>Schwartz Appl. Co. Elec. Co.   | <b>MILTON VALE</b><br>Phelps Furn. Store                 | <b>MILTON VALE</b><br>Phelps Furn. Store            |
| <b>CALDWELL</b><br>Terwilliger Hardware         | <b>HALSTEAD</b><br>Mantel's Dept. St., Inc.      | <b>MINNEAPOLIS</b><br>Hornor Hardware Co.                | <b>MINNEAPOLIS</b><br>Hornor Hardware Co.           |
| <b>CANEY</b><br>Pendleton Chev. Co.             | <b>HARPER</b><br>Jess Hamilton                   | <b>MORGANVILLE</b><br>Will F. Taddiken                   | <b>MORGANVILLE</b><br>Will F. Taddiken              |
| <b>CAWKER CITY</b><br>Riley-Rhoades Ap. Co.     | <b>HAYS</b><br>The Merchandise Mart              | <b>MOUNDRIE</b><br>Krehbhel Hdwe. & Impl. Co., Inc.      | <b>MOUNDRIE</b><br>Krehbhel Hdwe. & Impl. Co., Inc. |
| <b>CEDAR VALE</b><br>Williams Motor Co.         | <b>HERINGTON</b><br>Fred Lee & Sons              | <b>NASHVILLE</b><br>Stewart Motor Co.                    | <b>NASHVILLE</b><br>Stewart Motor Co.               |
| <b>CLANUTE</b><br>Naf & Bolze Hdwe.             | <b>HILL CITY</b><br>Quenzer Appl. & Hdwe.        | <b>NATOMA</b><br>Fohman's Home Furn.                     | <b>NATOMA</b><br>Fohman's Home Furn.                |
| <b>CHAPMAN</b><br>Sanborn Lumber Co.            | <b>HILLSBORO</b><br>John Hiebert                 | <b>NEODESHA</b><br>Kimball Electric Shop                 | <b>NEODESHA</b><br>Kimball Electric Shop            |
| <b>CHENEY</b><br>Cheney Implement Co.           | <b>HOISINGTON</b><br>Gelman Appl. Co.            | <b>NESS CITY</b><br>Schroyer's, Inc.                     | <b>NESS CITY</b><br>Schroyer's, Inc.                |
| <b>CHERRYVALE</b><br>Clark's Maytag Co.         | <b>HOPE</b><br>W. W. Wuthnow Furn. Co.           | <b>NEWTON</b><br>Jenkins Appl. Co.                       | <b>NEWTON</b><br>Jenkins Appl. Co.                  |
| <b>CHEYENNE</b><br>Blankenship Hardware         | <b>HOWARD</b><br>Virgil Munstinger               | <b>NORTON</b><br>Horney's Appl. Co.                      | <b>NORTON</b><br>Horney's Appl. Co.                 |
| <b>CLAY CENTER</b><br>Marshall's, Inc.          | <b>HONIE (Grinnell)</b><br>H. J. Rietcheck Appl. | <b>OAKLEY</b><br>C. D. Clark & Sons, Inc.                | <b>OAKLEY</b><br>C. D. Clark & Sons, Inc.           |
| <b>CLIFTON</b><br>Beccotte-Esslinger            | <b>HUTCHINSON</b><br>Graber Furniture Co.        | <b>ONAGA</b><br>Tessendorf Furn. Co.                     | <b>ONAGA</b><br>Tessendorf Furn. Co.                |
| <b>CLYDE</b><br>A. Seifert Jewelry              | <b>INDEPENDENCE</b><br>Dixon & Ebert Co., Inc.   | <b>OSBORNE</b><br>Quenzer Appl. Co.                      | <b>OSBORNE</b><br>Quenzer Appl. Co.                 |
| <b>COFFEYVILLE</b><br>Southwestern Sales Co.    | <b>IOLA</b><br>Schell's Appl. Store              | <b>OSWEGO</b><br>Williamson Stores, Inc.                 | <b>OSWEGO</b><br>Williamson Stores, Inc.            |
| <b>COLBY</b><br>Mackay Appliance Co.            | <b>JEWELL</b><br>Jewell Lumber Co.               | <b>OXFORD</b><br>Abildgaard Hdwe. Co.                    | <b>OXFORD</b><br>Abildgaard Hdwe. Co.               |
| <b>COLDWATER</b><br>Rural Gas & Elec. Co., Inc. | <b>JUNCTION CITY</b><br>Waters Hardware Co.      | <b>PARSONS</b><br>Ellis Radio & Appl. Co.                | <b>PARSONS</b><br>Ellis Radio & Appl. Co.           |
| <b>COLUMBUS</b><br>Bennett Appliance Co.        | <b>KENSINGTON</b><br>Simmons-Olliff              | <b>PEABODY</b><br>Baker Furn. Store                      | <b>PEABODY</b><br>Baker Furn. Store                 |
| <b>CONCORDIA</b><br>Culbertson Elec. Co.        |  |  |   |
| <b>CONWAY SPRINGS</b><br>Lewis Pibg. & Appl.    |  |  |   |

## Corn Surplus No Worry to Me

By ROSWELL GARST

WE HAD a very poor U. S. corn crop in 1947. We actually raised a little less than 2,400 million bushels. There was heavy liquidation of livestock and poultry as a result, and the national carryover of corn on the 1st of October, 1948, was only 125 million bushels. Incidentally, that is about the smallest carryover we can have, because there are some 3 million people in the United States who either raise corn or feed corn.

We raised, in 1948, 3,681 million bushels which was phenomenally the biggest crop in all history. So, including the carryover corn from the 1947 crop and the amount we raised in 1948, we had a total available of nearly 3,806 million bushels.

On October 1, 1949, we had a carry-

over of 815 million bushels, so we had a disappearance between October 1, 1948, and October 1, 1949, of 2,981 million bushels. We had that disappearance despite the fact livestock numbers and poultry numbers were extremely low in proportion to our population, which of course caused extremely high prices on milk, butter, eggs and meat.

There can be little doubt that with 14 per cent more hogs than we had a year ago, 15 per cent more chickens than a year ago, with slightly greater exports of corn than we had a year ago, we will feed 10 per cent more corn this year than we did a year ago. The disappearance between October 1, 1948, and October 1, 1949, was about 3 billion bushels. Disappearance between October 1, 1949 and October 1, 1950, will

be 10 per cent higher, or 3,300 million.

We only produced in 1949, 3,377 million bushels, so the carryover of October 1, 1950, ought to be less than 900 million bushels as compared with 814 million bushels October 1, 1949.

That is certainly a pleasant reserve of corn. But the carryover does not look as large when you consider further facts.

Let's talk about averages.

The highest 5-year average production in the United States is the last 5 years, when the average for the 5-year period has been 3,114 million bushels. During that period we had no restricted acreage—we had excellent corn prices—we were attempting to raise every bushel of corn possible.

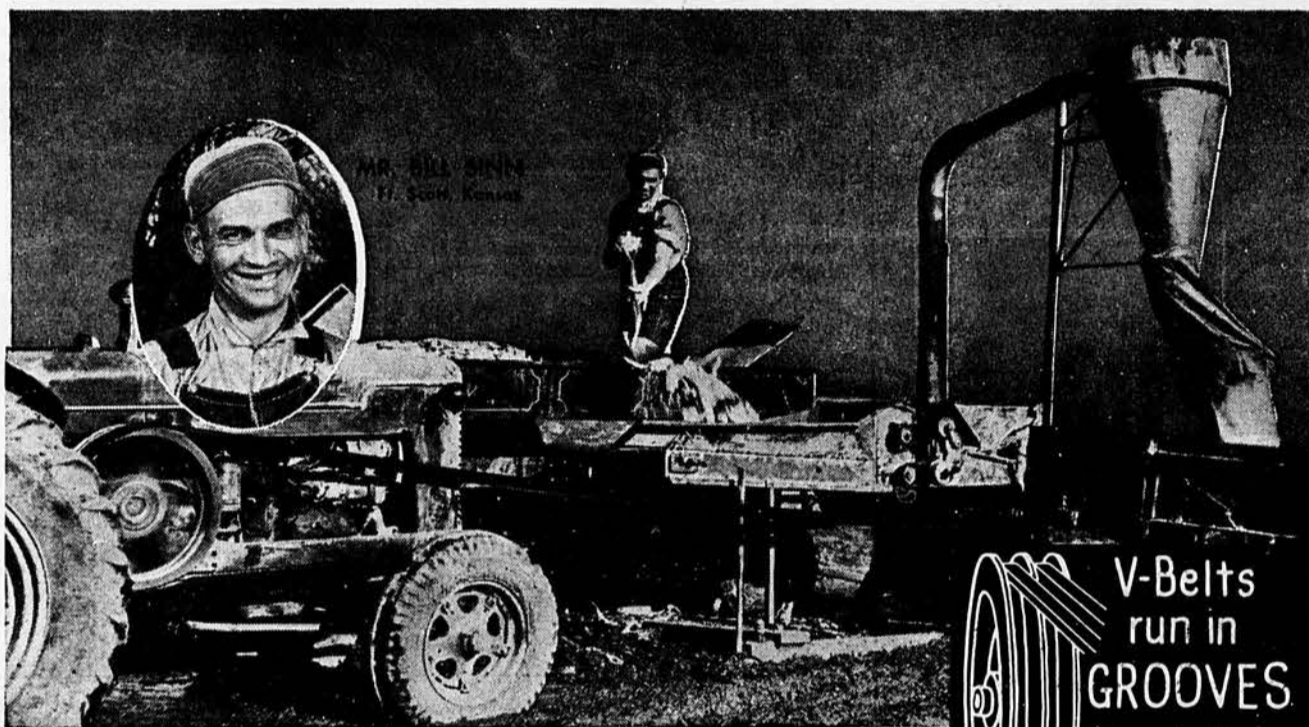
There have been no acreage restrictions on corn for 8 years. Our average production for the 8-year period has been 3,046 million bushels, and they have been 8 years of decent weather conditions.

It is only because we have had the 2 largest corn crops in all of history in the last 2 years, combined with a short-

### Need More Corn!

Editor's Note: While the country's big corn carryover worries a lot of agricultural economists, "Bob" Garst, of Coon Rapids, Ia., noted hybrid corn grower, armed with government statistics, points in this article how our ever-increasing population is going to require far more corn than we are now raising; that is if we keep on wanting beef, pork and poultry products of the high quality corn-livestock can produce.

This article is presented as an expert's analysis of the present crop surplus. Maybe you will agree with him and maybe not.



## "With V-Belts, I Grind in Half the Time... even in Rain or Snow!"

Let Mr. Bill Sinn of Ft. Scott, Kansas, tell you how much time and trouble he saves by using Gates VULCO ROPE V-Belts to run his hammermill from the belt pulley of his tractor. Mr. Sinn says:

"There's no comparison between a flat belt and these Gates V-Belts. The V-Belts run the mill at full speed. Do you know what would happen if I tried to grind in this mud with a flat belt? After I'd get that old, hard flat belt stretched out in the mud so I could put it on, I'd have to spend half an hour pouring sand on it so it would hold. And even then I couldn't get it tight enough so it would do a job.

"Just the other morning, everything was covered with ice. It didn't take me 5 minutes to get set up and grinding with the V-Belts. And they stay on when it rains—but just let a few drops get on a flat belt and off it comes. With the Gates V-Belts I grind in half the time it took with a flat belt."

BECAUSE V-Belts run in grooves, they don't slip. That means your grinder gets full power and full speed—you can load it to full capacity and grind faster. And V-Belts can't come off—even in rain or snow—or in a high wind! You can grind when the weather won't let you do anything else!

Also, because V-Belts run in grooves, you don't have to be "fussy" about lining them up. This saves you a lot of time—especially when the ground is slippery.

V-Belts  
run in  
GROOVES  
-Don't slip...  
-can't come off  
even when WET

### Mr. Elmer E. Dirks Dodge City, Kansas, Says:

"Last winter I couldn't have ground with a flat belt with my hammermill set up out there to grind into the crib. It was so muddy and slippery that I couldn't have kept a flat belt tight enough to grind.

"When I did use a flat belt, it was always jumping off the pulley. I grind two loads of Kansas Orange Cane every week and even in good weather it took me about twice as long with a flat belt as it does with the Gates V-Belt Drive!"

Whether you use your tractor to run a hammermill, a feed grinder, an ensilage cutter, a pump, or any other farm machine—if you value your time or the time of your hired hands—you owe it to yourself to get the full facts about the Gates VULCO ROPE V-Belt Drive for running farm machines from TRACTORS.

TRD-501

**Gates V-Belt Drives**  
To run Farm Machines from TRACTORS

### To Get Full Facts MAIL this Coupon--TODAY!

The Gates Rubber Company  
999 So. Broadway, Denver 17, Colorado

Without the slightest obligation on my part, I would like you to send me the full facts about the Gates VULCO ROPE V-Belt Drive for running Farm Machines from my tractor.

Name \_\_\_\_\_

Address or R.F.D. Route \_\_\_\_\_

Town \_\_\_\_\_ State \_\_\_\_\_

Make & Model, Tractor \_\_\_\_\_

Make, Model, Grinder \_\_\_\_\_

age of livestock that was caused by short corn crop of 1947, that we have a carryover of anything like million bushels.

Actually, farmers are breeding sows to farrow next spring than bred to farrow last spring by 7 per cent, according to the government report. All predictions are for very high prices in the first half of 1950, so prices ought to stay at their present levels, or thereabouts, which will cause farmers to breed even more sows farrowing in the fall of 1950.

Certainly there is nothing that indicates we will not have a greater appearance of corn between October 1950, and October 1, 1951, than we during the preceding year.

We are currently having a disappearance of 3,300 million bushels.

Next year we may well have a appearance of 3,400 million bushels.

And, mind you, the highest 5-year average yield in all history is 3,114 million bushels—and the 8-year average of unrestricted corn acreage is 3 million bushels.

Now these figures are probably surprising to you, as they were to me when I put them together.

The trouble is all of us seem to get what a large and phenomenal increase we have had in population.

In 1940 we had 131,600,000 people in the United States.

Now we have 150,000,000 people in the United States.

If 150 million people use meat, eggs, and poultry products that we use 3,300 million bushels of corn, it means they use, on the average, 22 bushels of corn per person.

We have 18 million more people in the United States than we had 10 years ago. That means we need 400 million more bushels of corn than we need 10 years ago.

I frankly doubt that we have learned how to raise an extra 400 million bushels of corn in the last 10 years—and I don't think we have any permanent surplus. I doubt whether we even have a temporary surplus—I think it is a pleasant reserve to be maintained.

Nor is our problem finished. The United States Census Bureau has quoted as saying that our population is growing at the rate of 200,000 people a month—2,400,000 a year.

That means we are adding a population each year about as large as the population of Iowa.

The U. S. News of recent issue estimated the population by 1975 as 188 million people. That means we have to learn how to average raise 4 BILLION BUSHELS of corn a year by 1975 if the United States is to eat as many pork chops and as much beefsteak, milk, eggs and butter as person as we are eating now.

### Do You Worry About... What You Weigh

This is a subject of health interest. Kansas Farmer subscribers wishing Doctor Lerrigo's special letter, "Hints About Normal Weights," may get a copy from this office upon request. Be sure to send stamped reply envelope addressed to yourself. Send your request to Editor, Kansas Farmer, Topeka, Kan.





# "Who said you can't teach an old dog New Tricks?"

Put an old-timer behind the wheel of a modern John Deere Tractor for the first time. Show him the Powr-Trol lever that controls equipment *hydraulically* and let him make a few rounds. He'll come back, grinning from ear to ear, with one enthusiastic comment—"Who said you can't teach an old dog New Tricks?"

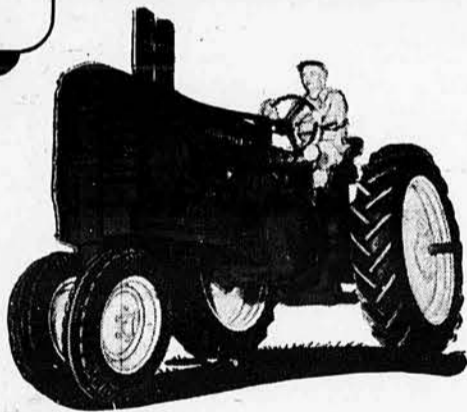
Everywhere, farmers are taking to Powr-Trol like a duck takes to water. And no wonder, for it's the greatest contribution to easier, faster, better farming made in recent years.

## JOHN DEERE *hydraulic* POWR-TROL

Reg. U. S. Pat. Off.

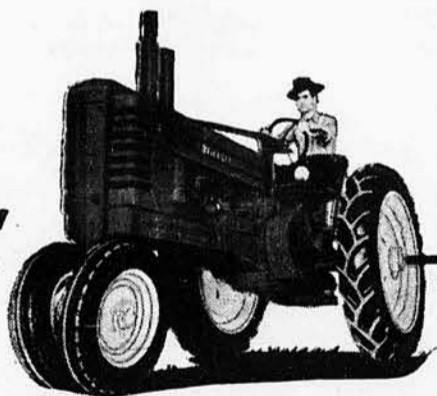
John Deere Powr-Trol is an exclusive, two-way hydraulic system that gives you complete, effortless control of (1) integral tools from the tractor rockshafts, and (2) drawn machines through an easily-attached, double-action remote cylinder. Powr-Trol operates at a touch of your hand on a convenient lever, while the tractor is on the go or standing still. A fast speed quickly angles or straightens disks, raises or lowers other tools. A slow speed permits accurately selecting any in-between position.

A "first" by John Deere in 1945 and steadily improved since then, Powr-Trol is the foremost hydraulic system on the market today—thoroughly field-proved on thousands of John Deere Tractors the country over. It offers you effortless control of the greatest variety of farm equipment, and it's available for 13 great John Deere models. Find out all about it; fill out the coupon and mail it—today!



### Model "A"

2-3-plow power; all-fuel or gasoline engine.



### Model "B"

2-plow power; all-fuel or gasoline engine.



### Model "G"

3-plow power; all-fuel engine.

# JOHN DEERE

MOLINE  ILLINOIS

John Deere, Moline, Ill., Dept. 11.

Gentlemen: Please send complete information on John Deere General-Purpose Tractors with Hydraulic Powr-Trol.

Name.....

Town.....R.F.D.....State.....

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**Our Appointment as  
DISTRIBUTORS in  
Kansas, Eastern Nebraska  
and Oklahoma  
for . . .**



**WADE RAIN**  
Sprinkler Irrigation

**The Pioneer  
LEADER in  
FEATURES  
. . . that SAVE  
TIME, LABOR, WALKING  
AND WATER**

- **Easiest To Move**  
Positive, Quick Locking Couplers.
- **Loks-In Gasket**  
Can't blow out or be pushed out by pipe.
- **Self Draining**  
No lifting pipes full of water.

**NO LAND LEVELING  
REQUIRED**

**WADE'RAIN  
COUPLER**

**LOCKS**  
from Carrying Position

**PLAN NOW**

to have WADE'RAIN on YOUR farm this season. Our Irrigation Experts will help you plan.

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## Read the Ads in This Issue

There's a world of helpful information in the scores of advertisements in this particular issue of Kansas Farmer. Read them carefully. If you want to find out more about the articles described, don't hesitate to write the advertiser.

**You Can Buy Advertised Products With Confidence!**

**Announcing 2 NEW  
EVERSMAN AUTOMATIC LAND LEVELERS  
and HYDRAULIC SCRAPERS**



*Combining in  
ONE Machine*

- AUTOMATIC LEVELER
- FIELD PLANE
- HYDRAULIC SCRAPER
- SEED BED FINISHER

A modern AUTOMATIC LEVELER by Eversman proven over past two years on thousands of acres and farm demonstrations. For all types of field leveling and dirt moving. Very maneuverable because of special hinged frame. Levels in corners. Excellent for orchards. Has famous Eversman Crank Axle for Automatic Leveling Action. Two way, finger tip, hydraulic control of cutting blade for field plane-ing and dirt moving jobs. Gives greater length, lower draught, superior maneuverability, greater utility. Now available in two models, the 289 (length 28', weight 1700 lbs.) for wheel tractors and small crawlers, and 489 (length 48', weight 5500 lbs.) for large crawlers.



Special hinged frame levels in the corners and between borders



One-man field conversion to large capacity hydraulic scraper



Fast and easy loading for transportation on rubber tires

SEND FOR FULL DETAILS on 6 different mechanical and hydraulic Eversman Models for wheel and crawler tractors for use BY YOU ON YOUR OWN FARM. Priced from \$265 up, FOB Denver.

• America's Leading Land Leveler Since 1928 •

**EVERSMAN MFG. CO.** Dept. 56 Curtis and 5th  
DENVER, COLORADO

## Choice Styles

**9119**  
SIZES  
1—5 yrs.



**BLOUSE-JUMPER  
PANTIES**  
EACH—one piece  
EACH— $\frac{3}{4}$  yard

**4703**  
WAIST  
25"—29"



**ONE YARD  
54"**

**4660**  
SIZES  
34—52



**9120**  
SIZES  
12—20  
30—42



**4807**  
SIZES  
M., L. Ex. L.



**9429**  
SIZES  
34—48



**4703**—A one-yard skirt with no sewing problems. Sizes 25, 26, 27, 29 inches. Requires one yard of 54-inch material.

**4660**—It fits well, looks pretty and is easy to make. Sizes 34 to 52. Size 36 requires  $3\frac{1}{2}$  yards of 39-inch material. Transfer included.

**9120**—Make this slimming casual dress in an eye-catching fabric. Trim with buttons. Sizes 12 to 20; 30 to 42. Size 16 requires  $3\frac{1}{2}$  yards of 39-inch material.

**4807**—A charming apron with tulip pockets, long lines and ample coverage. Sizes medium (36-38), large (40-44), extremely large (46-50). Medium requires  $2\frac{3}{4}$  yards of 35-inch material.

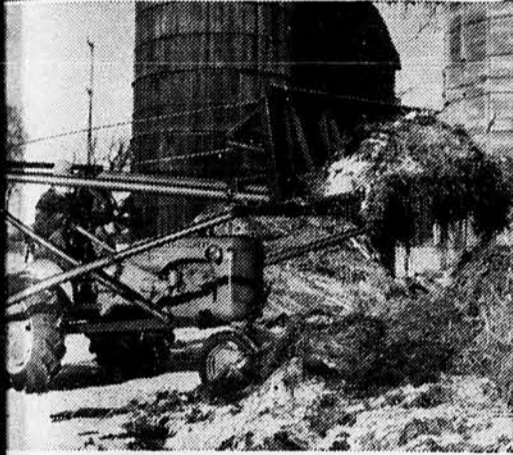
**9429**—A rich-looking, softly-draped frock. Sizes 34 to 48. Size 36 requires  $4\frac{3}{4}$  yards of 39-inch material.

Send 25 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka.



# "DOWN in cost... UP in performance the new FARMHAND 'Special' Loader ...now made for smaller tractors!"

Gives you the famous *Farmhand* heavy-duty Loader's dependability, rugged construction and versatility . . . in a size to fit Ford, John Deere MT, H and M, Oliver "60", Allis Chalmers "C", Case VAC, Ferguson, Farmall A, B and C.



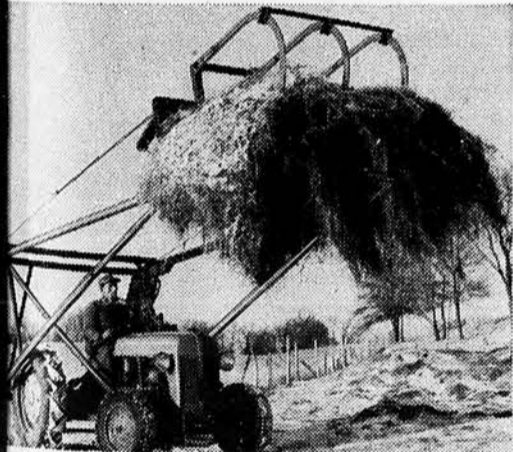
**ALL-WIDTH MANURE FORK** . . . one of the great features of the new FARMHAND "Special" Loader. Reaches and lifts big loads of full tractor-width . . . up to 2,000 lbs. at a bite. Self-leveling, too . . . all attachments maintain constant level position when moving up or down.



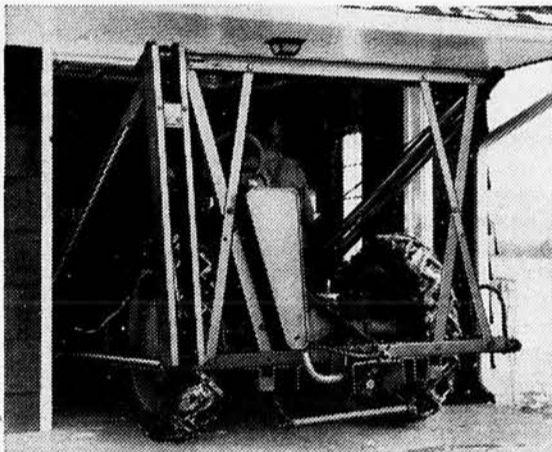
**NEW DETACHABLE SCOOP** . . . mounts on full-width manure fork with only two bolts . . . ideal for loading and scooping snow, sand, ensilage, loose materials of every kind. Welded plow-steel cutting edge for long service. Positive device prevents attachment going over center.



**NEW HAY BASKET** . . . makes the FARMHAND "Special" Loader an ideal haying implement. Scoops up hay from windrows in half-ton loads, piles it high in stacks up to 17 feet tall—21' with Push-off! New convenience for operator in this loader, too . . . no bracings or cables in your way when you climb on or off.



**APPLE FORK** . . . enables you to lift and steady loads of loose or baled materials. Claw teeth clamp down with grasping action like human hand . . . prevent slipping and blowing. Spring back-stops hold attachments in any position without loss of FARMHAND's famous "Wrist-Action" flexibility.



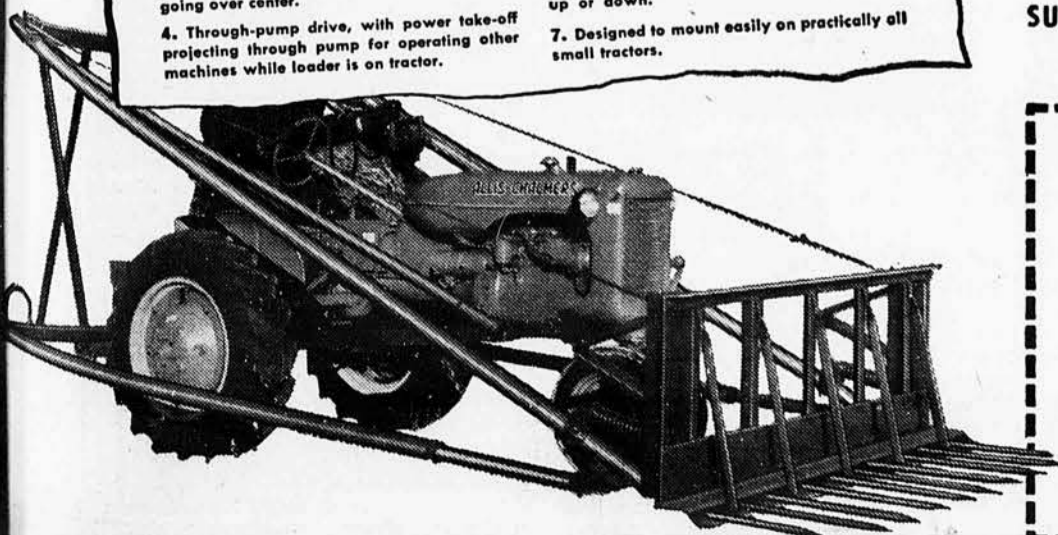
**COMPACTLY BUILT FOR EASY CLEARANCE** . . . and easy operation! Drive it right into barn or garage. Goes on or off tractor with no trouble. Attachments fit on quickly with only two pins! Through-pump drive with power take-off projecting through pump for operating other machines.



**BIG BROTHER** to the new "Special" model is this Superb FARMHAND heavy-duty Loader . . . the greatest all-purpose, all-year-round worker on anybody's farm. Now a better buy than ever, with seven new improvements . . . and no increase in cost! A real "most-for-your-money" bargain!

## NEW FARMHAND "SPECIAL" LOADER for smaller tractors ... with 7 great features:

1. Attachments fit on quickly with only 2 pins.
2. Spring backstops to hold attachments positively in position, without loss of Farmhand's famous "Wrist-Action" flexibility.
3. Positive device to prevent attachments going over center.
4. Through-pump drive, with power take-off projecting through pump for operating other machines while loader is on tractor.
5. Extra ease and convenience for operator. No bracings or cables in your way when you climb on and off tractor. Tilt cylinder mounted on side for better back vision.
6. Self-leveling at all times. Attachments maintain constant level position when moving up or down.
7. Designed to mount easily on practically all small tractors.



# Farmhand HYDRAULIC LOADER

Designed by a farmer, built for farmers by  
**SUPERIOR SEPARATOR COMPANY • Hopkins, Minnesota**  
Farm Machinery Specialists

### SEND COUPON TODAY FOR COMPLETE FACTS

and descriptive literature about the new FARMHAND Loaders and attachments:

- FARMHAND "SPECIAL" Loader  
 FARMHAND heavy-duty Loader  
 FARMHAND 90 Wagon  FARMHAND Power Box

Name.....

Address or R. F. D. Route.....

Town..... State.....



Foreign representatives gave an international flavor to the National 4-H Club Congress. They came from 13 countries around the world.

## World Visitors See United States

By Florence McKinney

NEVER forget that your American movies are a very powerful advertisement in my country for everybody goes to see them." These words came from Hans Bachler, of Morat, Switzerland. Hans is an International Farm Youth Exchange student working on farms and traveling about to see how American farm people live, what they think about and only incidentally learning our farming methods. Part of his tour of duty was the National 4-H Club Congress held recently in Chicago where we had our chat with him. Then he goes back to Switzerland to tell his people that all America is not that shown in the Hollywood movies. "The movies make the first impression of America the Swiss get. Some of my people know all America is not like the movies, but nevertheless they have influence.

"Too, we get our second impression from the 'big shot' tourists who visit my country . . . we hear about the Marshall Plan, about the DP programs and CARE, but none is as influential in forming impressions of America as your movies. And now I've learned since I came last May that impression is wrong."

Hans arrived last spring in Washington, D. C., where he spent 10 days. Then he moved on to live with the Durward Hines family on their farm near Erie, in Southeast Kansas. After that experience he spent some time with John Latta and his family in Garden City, Kan. Mr. Latta is superintendent of the Garden City Sugar Beet Company. For a short time he worked on the Irving Brownlee farm nearby in Finney county. Now, Hans has moved on to gain some new experiences on farms in Ohio.

"Farmers work harder in Switzerland than in the United States, mainly because our land is so mountainous and we cannot use much machinery," Hans said. "We have had electricity on our farms for many years, longer than in the U. S. but we do not have much electric equipment. We have plenty of electricity from our water power in the mountains, but most Swiss farmers find it too expensive to heat with it. We Swiss call water power 'white coal.' The average Swiss uses wood and coal for heating."

The farm homes have better equipment, the houses are newer and Kansas looks prosperous to Hans Bachler. He met fine folks and enjoyed his stay a great deal. "Competition is growing between labor on farms and that in industry," he added. "It is getting more difficult to get and keep good farm laborers."

When his 10-month stay in this country is over, Hans will go back to his family farm of 75-acres where an amazing number of crops are raised . . . wheat, oats, barley, rye, sugar beets, potatoes, alfalfa, clover, fruits, nuts and berries in addition to 20 head of dairy cattle, 4 horses, hogs and poultry. "We learned to diversify in Switzerland as a wartime measure," Hans reported.

He attended grade school 5 years, then 8½ years in a classical school, followed by 3½ years at the Federal Institute of Technology where he studied agriculture. He has a degree in agricultural engineering.

Then, we visited with a blond young man from Finland, Mauri Karvetti, another exchange student. He spoke excellent English, even better than some of our own young people. Mauri learned English while he was in England on a private exchange arrangement. "This moving about to live on farms in other countries is popular among university students in Finland," says Mauri. In addition to the experience in England, he spent 2 summers in Sweden.

He is a junior in the University of Helsinki, taking general agriculture. His family farm has

100-acres of cultivated crops and 100-acres of woodland; spruce, pine and birch. He has been working on 2 farms in Michigan and is to go to California next, then home to Finland. Women in Finland take a place beside the men. Forty per cent of the faculty in the agriculture department of his university are women and the student body is half and half men and women.

Mauri Karvetti is primarily interested in farm machinery used on farms in this country. He now knows what is available and hopes some day to be influential in getting more for Finnish farms.

Franz Winding is a teacher of agriculture in Austria, his trip to America sponsored by the military government in his country. His school is somehow midway between what we know as high school and college. He spent a month in the Department of Agriculture in Washington, D. C., then moved on to the North Carolina State College, at Raleigh, where he worked with the state 4-H Club agent. Next, he had actual work experience on a dairy farm near Bristol, Tenn., and 6 weeks with the county agent there. He spent his time with community clubs, home demonstration work and visited dairy farms.

"Farms cannot be so specialized in Austria, we do not have so many kinds of soils and climate and 73 per cent is mountainous," said Mr. Winding in explaining the contrast between agriculture in his home country and ours. "Tradition is another thing we contend with. Ours is a very old country and for centuries the land has been farmed. It is difficult to uproot traditions, good or bad."

Then there was Spanish-speaking Dr. Enrique Bello and his wife from Cuba. Doctor Bello has been in charge of the 5-C Clubs in his country for 15 years. He has studied the methods in Iowa, Louisiana, North Carolina and Columbia University. By training he is an agricultural engineer with a degree from the University of Havana. When he returns after his 11-month stay he plans to introduce a recreation program in the 5-C Clubs in Cuba.

Another visitor is Rodrigo A. Salmeron, of Nicaragua, head of the department of dairying at the agricultural office in Managua. He spent the years from 1943 to 1946 at Iowa State College working on a Master of Science degree, so is well acquainted with the agricultural methods in the Midwest. Mr. Salmeron is here under an in-service grant [Continued on Page 13]

### Peace and the Poet

If peace were over all the world today  
As atmosphere that covers all the earth  
Poetic justice then would have her way  
And all the people feel a higher birth.  
For hate and fear and greed and all the vile

And hideous foes of man would disappear.

The bells of heaven would ring, the angels smile

When love had ushered in the blessed year.

The sweet and cleansing reign of poetry  
Would waken in the heart of every thing  
A radiant life would blossom glad and free

And rocks and hills would clap their hands and sing.

So may the poet with the fire of youth  
Cast out the demons, with the power of truth.

—By Clifford H. Nowlin.

### World Visitors See U. S.

(Continued from Page 12)

to study Extension service methods with the purpose of getting information which will improve agriculture in his home country. He has taken short courses at Illinois Agricultural College and the University of Wisconsin, worked on a dairy farm near Gibson City, Ill. From Chicago he left for Geneva, Ill., to work with the county agent. His itinerary will then take him to Iowa State College for a week, then to Oregon State College, to Washington, D. C., then home to Nicaragua.

Bernt Klok, of Norway, is here to learn about farm youth organizations and the mechanization of American farms. He graduated in agricultural engineering from the Norwegian Agricultural College, 20 miles from Oslo. His father is business manager of the institution. During the last 2 years, Bernt worked in the distribution end of a farm machinery company.

While here he has worked on farms in Wisconsin and found many Norwegian farmers there with whom he could talk. "I saw my first dishwasher in a Wisconsin kitchen," he said. "On the whole, kitchens in this country are better equipped, for in Norway there is little refrigeration on farms. Almost all of Norway is electrified but equipment is not manufactured there, it must be imported and therefore expensive. Actually little can be imported now because of the dollar shortage. Machinery is now being sent to Norway under the Marshall plan so in the future we may make our own."

Then Bernt thought of his life in the war. "Eighty per cent of the boys in the college served in the underground Norwegian army. We made it as difficult as we could for the Germans when they invaded our country, devastated our land and shipped our food supplies to Germany."

When he returns to Norway, he plans to work with the Norwegian co-operatives in distributing fertilizer and machinery. Co-operatives operate about 90 per cent of the fertilizer business in Norway.

More than a year ago the Turkish government selected Mustafa Sipahi, of Ankara, to come to the United States to study agricultural economics. He arrived on our shores knowing not one word of the English language. Not that Mr. Sipahi speaks only Turkish.

In fact, he is a linguist who speaks Arabic, German and French as well as Turkish. After a visit at the consulate in New York City, he left for the University of Louisiana where he was duly enrolled in the college of agriculture, still not knowing any English. However, with co-operation of the faculty of the university, he enrolled in English courses and in a year had a Masters Degree.

"In my country every student must take a foreign language in high school and another in college," says Mr. Sipahi, adding that he found things different here in America. "However, I got along very well in Louisiana for there are some French-speaking people there."

From Louisiana, he went to Montana where he worked 5 weeks in the Extension office, then to Idaho for 4 weeks. From there he went to Chicago to attend the 4-H Club Congress. The end of his tour will be in Washington, D. C., then home to Turkey.

There were others in the foreign delegation to the Club Congress, from Denmark, Sweden, Costa Rica, Uruguay, Korea, and Canada. Three flew from Hawaii. Each came with good will from his own land and will carry American good will back in return. Each is a diplomat, not in white tie and tails, but in overalls and a business suit, in an international exchange which bears fruit in a troubled world.

#### Life Is Choices

The whole of life is made up of choices. We choose what clothes to wear, what books to read, what to do with our leisure time. Whether we make intelligent choices determines whether we get a lot or a little out of life.—Mrs. Charles Schuttler.



**Burpee Hybrid Tomato**  
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 Hybrid vigor makes the plants grow faster, bear earlier and for a longer season. Better quality too!  
**Smooth, Round, Scarlet-Red and Delicious**  
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 Complete with full set of attachments. Easy operate. Powerful 1/2 H.P. air-cooled motor. Every housewife wants.  
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**Economical Cough Relief! Try This Home Mixture**

No Cooking. Makes Big Saving.

Get quick and satisfying relief from coughs due to colds, mix this recipe in your kitchen. First, make a syrup with 2 cups granulated sugar and one cup of water. No cooking needed. Or you can use corn syrup or liquid honey, instead of sugar syrup.

Then get 2 1/2 ounces of Pinex from any druggist. This is a special compound of proven ingredients, in concentrated form, well-known for its quick action on throat and bronchial irritations.

Put Pinex into a pint bottle, and fill up with your syrup. Thus you make a full pint of splendid medicine—about four times as much for your money. It never spoils, and tastes fine.

And for quick, blessed relief, it is surprising. You can feel it take hold in a way that means business. It loosens phlegm, soothes irritated membranes, eases soreness. Makes breathing easy, and lets you get restful sleep. Just try it, and if not pleased, your money will be refunded.

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**Your Benevolences**  
 should include something for crippled children, and the Copper Foundation, Topeka, Kansas, will see that your contribution is used where it will do the most good in the treatment of handicapped boys and girls.

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 25c PKT. **10c**  
 Gloriously ruffled, fringed, up to 5 in. across!  
 Scarlet, copper, rose, pink, mauve, and white.  
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 all colors mixed, postpaid for 10c. *Send Dime Today!*  
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Make fancy towels, scarfs and bed sets with this pansy crochet. Edging and medallions are crocheted separately, embroidery lends color. Pillow-case sheet pattern includes 3 transfer motifs 5 by 11 to 5 1/2 by 18 inches and crochet directions.

Send 20 cents for pattern to the Needlework Editor, Kansas Farmer, Topeka.

## 3 TIMES AS MANY WOMEN PREFER FLEISCHMANN'S YEAST

**"It's the one yeast I trust—always full strength—always fast acting!"**

**FLEISCHMANN'S YEAST**  
**FAST RISING DRY YEAST**  
 ACTS FAST! STAYS FRESH!

Interesting News: In this and coming issues of Kansas Farmer, the whole Kansas library situation will be discussed in your Women's Department. Watch early issues.

# Kansas Libraries



## Here's What Is Being Done

"Neither the newspaper, nor the radio, nor any new marvel science may give us tomorrow, will take the place of the book as a creator of mind and character."—Author unknown.

**B**ELIEVING this for a long time, we've been reading books and reviewing them in the pages of the home department of Kansas Farmer. Hoping, of course, that other folks would find them as enchanting and absorbing as we. In all this we realize there is a risk, the interest of folks and libraries being what they are.

And that brought us to ask some

farm folks about their library facilities. We had rural people in mind, adults as well as young folks. We gathered that only a few rural people have enough books to read and many of those not easily accessible. That's what the folks said.

Then we went to see Louise McNeal, state librarian at the Statehouse. This visit was inspired partly by learning some months ago that a survey of existing library facilities is to be made this year.

A 9-member commission has been organized and has employed Andre S. Nielson, chief librarian of the Evans-

ton, Ill., public library to make the survey. The last Kansas legislature made a \$12,000 appropriation to cover costs of the survey. The commission was given the power to "study the state's library laws as well as those of other states; to determine needs for further library facilities thruout Kansas; to make recommendations relative to developing an effective state-wide public library service; and present suggestions on co-ordinating the work of existing libraries." That much and more, if you read the law, House Bill No. 416. And the commission is to report its findings and recommendations to the governor and members of the legislature not later than January 15, 1951.

The commission is composed of Mrs. C. A. Clarke, Wichita, chairman; A. F. Throckmorton, vice-chairman; Louise McNeal, secretary; William Baehr, Kansas State College librarian; C. M. Baker, Kansas University librarian; Mrs. C. O. Davis, Pittsburg; Mrs. Floyd G. Hall, LaCrosse; Mrs. Elsie H. Pine, Emporia; Judge J. C. Ruppenthal, Russell.

Mr. Neilson is not only a trained librarian but has had considerable experience in making surveys. He expects to start the first week of February by taking a swing around the state to make plans for a more detailed study later.

### Kansas Has Library Law

Miss McNeal says, "Kansas has a county library law, an adequate one now on the statutes, and under that law, 11 counties now have active county libraries, functioning with varying success." She also added, "There is no bookmobile service other than in the city of Topeka." And that possibility, the bookmobile type of service, that is, transporting the books to the rural schools and small towns, is something

## Lunches for Kansas Children

For a community school lunch program you may need some expert advice. Kansas State College home economics department has written a booklet on the subject. It gives instructions on the jar lunch, the one-hot-dish type of lunch, the full lunch and the federally subsidized lunch. If you desire this bulletin at no cost send us your name and address. Write to the Farm Service Editor, Kansas Farmer, Topeka.

that the committee is going to study. Then because we wanted to know what farm folks themselves thought about their library facilities in their own towns and counties, we asked several to help us. These women first found out the kinds of library service available and asked numerous people what they thought of it. The letters they wrote us will appear from time to time in this department. Today we offer the letter from Mrs. H. L. Brownlee, who lives near Sylvia, in Reno county.

Dear Editor: I have lately acquired some information on libraries from reliable sources to pass on to you. In our home town of Sylvia, we have a library supported by taxation of the town residents. It has 600 volumes on its shelves and keeps 3 trunks of books from the State Traveling Library in circulation. It is badly in need of more children's books. The present levy is not adequate to keep adding and replacing books that should be found there. The memorial shelf has brought in many of the recent books.

There is no charge for those outside the town and the library is used freely by rural people. There are a number of small-town libraries in Reno county. Some are supported by local taxes and others are sponsored by women's organizations. Everywhere I hear folks saying, "We need a better library."

### Might Pool Books

It makes me wonder if by a unification system, small libraries might pool their books and have a traveling library of their own. Our high school has a fairly good library as far as school libraries go. The principal tells me it is not adequate for the school's needs. Many of the books are so badly worn as to be almost unusable. They need more reference books and good light fiction.

At the public library in Hutchinson, I was told that rural people do not patronize their library extensively. A charge of \$1 is made to those living outside the city. Rural teachers on payment of \$1 can take out as many as 12 books at one time. Many avail themselves of this service.

Our county is ready to use the county library law as far as need goes, but possibly not yet well enough informed on its possibilities. Kansans seem to be less informed than most states along this line.

The librarian in Hutchinson says, "We believe strongly that reading good books helps to make an enlightened citizenry and that town and country rise and fall together. So we have been stretching our less-than-one-mill tax to give considerable book help to the county. We are finding this amount won't provide enough new and desirable books for all."—Mrs. H. L. Brownlee, Reno county.

### Keep Lard Sweet

Hog-killing time soon will be here again and along with smoked and frozen pork and sausage, homemakers will be making homemade lard. In late years chemists have been working on how to make that lard keep better and longer.

The answer is easy. Add 2 or 3 pounds of any good hydrogenated vegetable shortening to each 50 pounds of lard. This treatment more than doubles the time homemade lard will keep fresh and sweet. Be sure to use the usual hydrogenated, hardened vegetable shortening. You will find it in any grocery store under several brand names and you can take your pick.

Add it to the rendered lard in the kettle, just before settling and separating the crakings.

Since air causes lard to spoil, fill the containers to the top and close tightly. Then cool and store in a cool, dry place.

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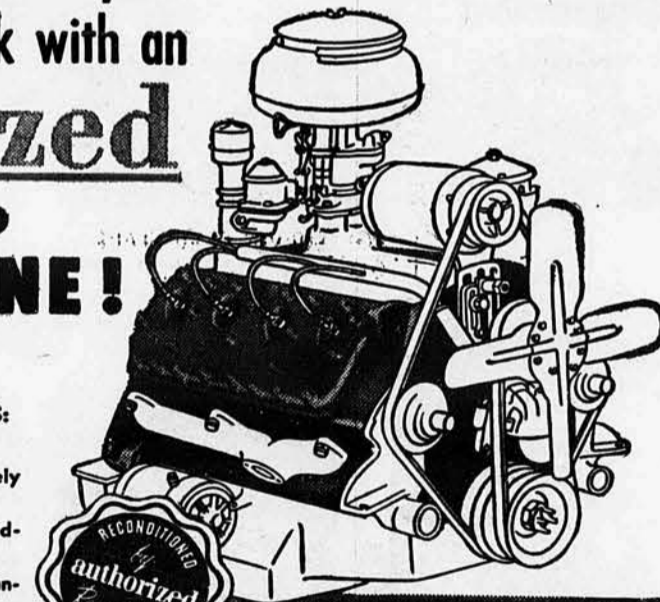
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## The Recipe Corner

### New Pecan Pie

Now that a fresh crop of pecans is reaching the stores, pecan pie is in order. Here is one in which the pecans come to the top as it bakes and form a crusted layer.

- |                    |                       |
|--------------------|-----------------------|
| 1 cup pecans       | 1 cup dark corn sirup |
| 3 eggs             |                       |
| 1/2 cup sugar      | 1/4 teaspoon salt     |
| 1 teaspoon vanilla | 1/4 cup melted butter |

Beat the eggs, add sugar and sirup, then salt and vanilla and last the melted fat. Place the pecans in the bottom of an unbaked pie crust. Add the filling and bake slowly in a moderate oven (350° F.) for 50 to 60 minutes. The nuts rise to the top and make a delicious pie in looks and taste.

### Apple-Cranberry Pie

Let's combine both apples and cranberries in a colorful, lively and inexpensive pie.

- |                        |                       |
|------------------------|-----------------------|
| 4 tart apples          | 1/4 teaspoon cinnamon |
| 1 1/4 cups cranberries | 2 tablespoons butter  |
| 3/4 cup sugar          |                       |
| 1/4 teaspoon salt      | pastry                |

Pare, core and slice apples thin. Wash and cut cranberries in halves. Line a 9-inch pie pan with pastry. Place a layer of apples in the bottom, add cranberries and then remaining apples. Sprinkle with sugar, cinnamon and salt mixed. Dot with butter. Cover with pastry in which slits have been cut to let out steam. Seal edges. Bake in hot oven (400-425 degrees) for about 45 minutes, or until apples are tender and crust is golden brown.

### Girl's Record Winner



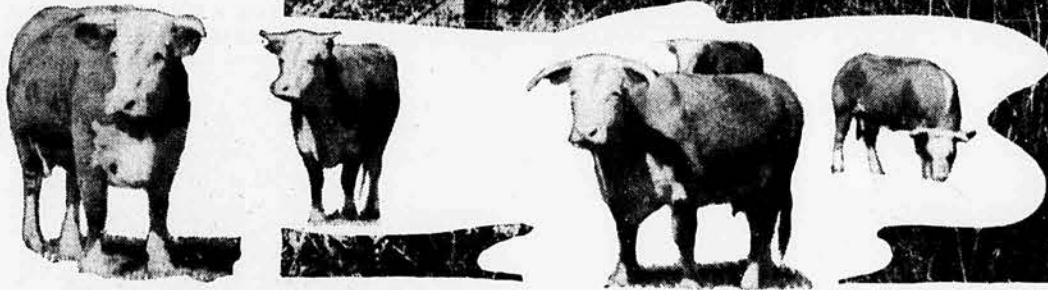
Carol Jean Blackhall, of Sterling, poses with Fred Waring, who with his Pennsylvanians, entertained the Girl's Record Winners at the 4-H Club Congress in Chicago. Carol Jean has participated in 27 judging contests, 11 individual demonstrations and on 5 demonstration teams. She was awarded a \$300 college scholarship by Montgomery Ward Company.

### Entertainment Helps

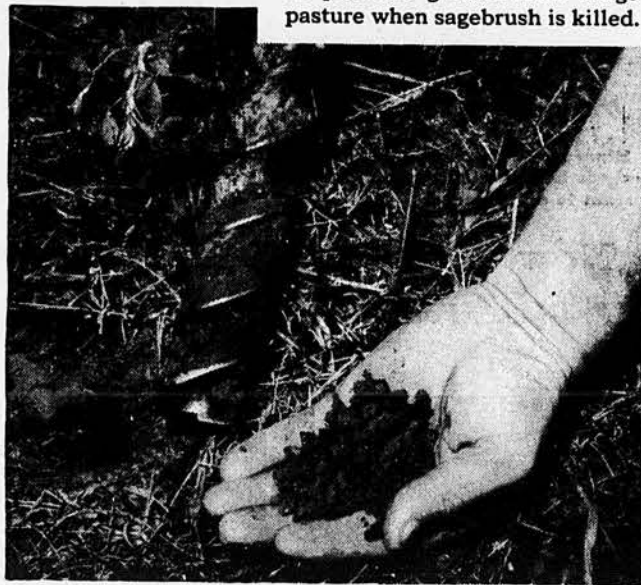
The following leaflets may help with your program or party entertainment. Kansas Farmer Entertainment Editor, Topeka, will be glad to give your order prompt attention.

- Big Business, or the Doings of the Culture Club—playlet. Price 10c.
- School Days Party—game leaflet. Price 3c.
- Harvest Party—game leaflet. Price 3c.
- Games for Young and Old. Price 3c.
- The Family Album—playlet. Price 5c.
- Spirit of Our Forefathers—playlet. Price 5c.

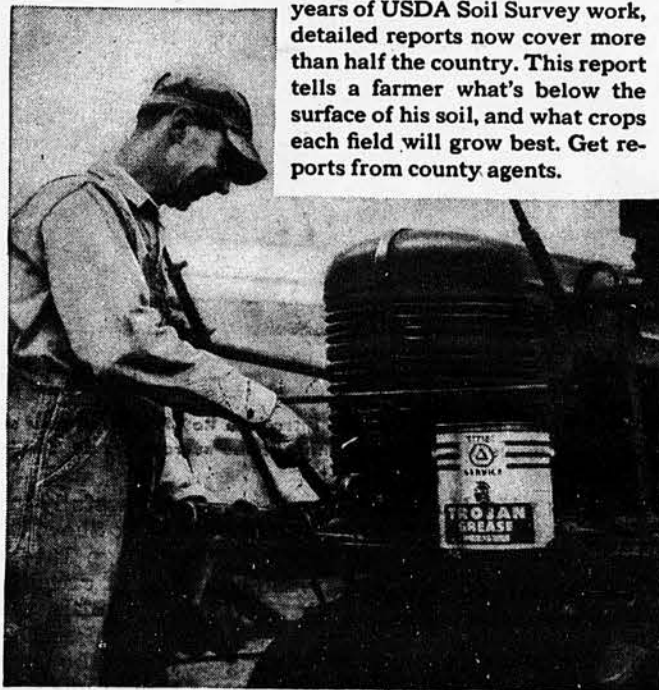
# Farm Service Bulletin



**SAGEBRUSH CAN BE CONTROLLED WITH 2, 4-D**—One application 2, 4-D oil spray killed 80 per cent of the sagebrush in range experiments in the southern great plains. USDA scientists have found beef production to be 75 per cent greater from range pasture when sagebrush is killed.

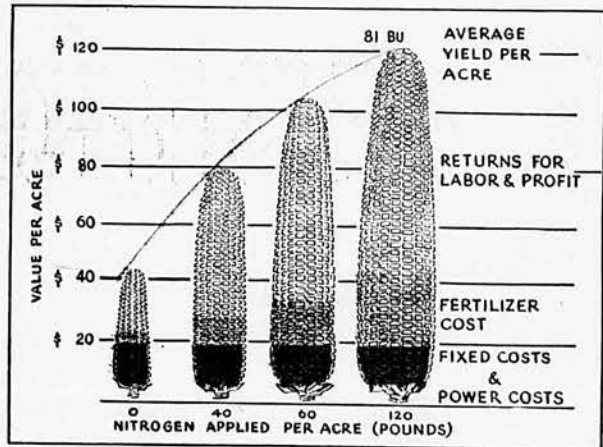


**SOIL SURVEY IS 50 YEARS OLD**—As a result of 50 years of USDA Soil Survey work, detailed reports now cover more than half the country. This report tells a farmer what's below the surface of his soil, and what crops each field will grow best. Get reports from county agents.



**TOUGH LONG-SERVICE GREASE**—Top quality lubricants engineered to withstand gruelling, heavy-duty operations. Ask your Cities Service Farm representative about these all-weather—all-purpose Trojan greases.

**2 MORE CORN FROM FEWER ACRES**—USDA and state scientists have learned how to double corn yields in the South. They do this by using hybrid seed, closer planting, and heavy applications of nitrogen fertilizer. In 49 experiments over a 5-year period this method produced an average yield of 81 bushels at a cost of 71 cents a bushel.



**NEW PREMIUM KOOLMOTOR OIL**—A great new motor oil for gasoline-powered farm equipment. Premium Koolmotor coats the friction surfaces with a strong, enduring film... gives longer, safer protection. Your Cities Service Farm Representative has it.

## Here Is Important Job Agriculture Board Does

By GENE SPRATT

**W**HAT is your Kansas State Board of Agriculture? What does it do?

It is the legal representative of the farmers of Kansas. And the important work this organization conducts in the interest of the state's agricultural industry is highly essential.

All enterprises of the Board are closely supervised by 12 members of the Board, 2 from each congressional district, who are chosen for a term of 3 years by voting delegates from specific farm organizations. (You read about each of these board members on page 6, of your December 5, 1949, Kansas Farmer.)

Primarily, the duty of the Board is to enforce the laws of agriculture that are passed by the Kansas legislature, and to keep all interested citizens of the state informed on agricultural activities.

The office of the Board of Agriculture in Topeka is directed and supervised by Secretary of Agriculture Roy Freeland, who is assisted by 7 division directors.

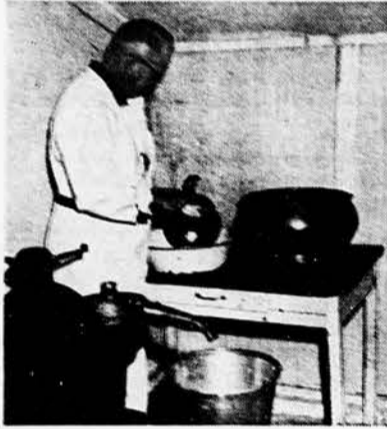
As an aid in making the Board of Agriculture an efficient and effective

weeds including hoary cress, Russian knapweed and field bindweed must be properly and promptly treated when discovered in the state. The work of this division has saved the farming industry of Kansas many thousands of dollars thru the years it has been functioning, and the Kansas weed control program has become a model followed by many other states.

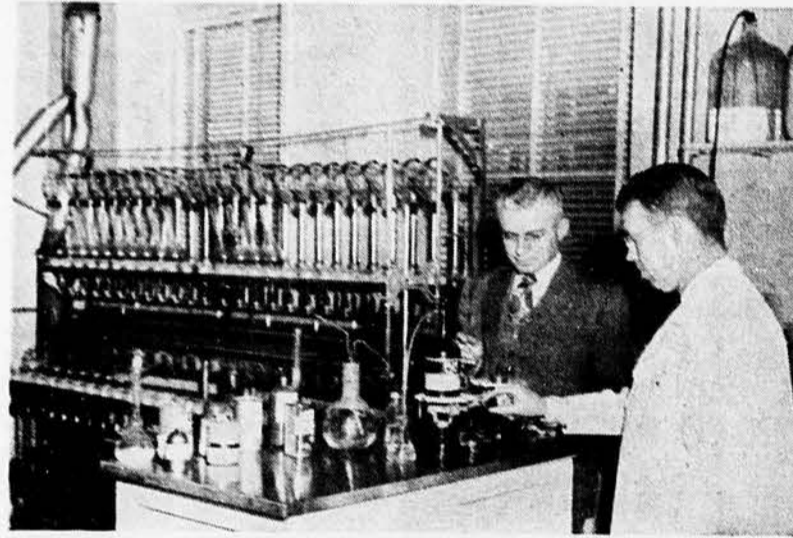
Agricultural information is the main duty of the Statistical Division of the Board of Agriculture, which is under leadership of Hubert L. Collins. This division also is a co-operating agency with the United States Department of Agriculture, Bureau of Agricultural Economics; and the office is known as the Federal-State statistical office. Weekly crop and weather reports, monthly crop and livestock conditions,



**QUALITY WHEAT:** Two employees collect a wheat sample for laboratory analysis. Then the Statistical Office issues a preharvest wheat survey on quality, protein, test weight and moisture content. A service to farmers and millers alike.



**MILK QUALITY:** Proper sanitation from farm to market is one goal of the Dairy Division as an aid to increasing income of the Kansas dairy industry. Here a division inspector gives a farm demonstration on proper methods of cleaning milk equipment, thus encouraging higher quality milk.



**ACCURATE LABELS:** Many products registered with the Control Division necessitate a chemical analysis before accuracy of their labeling can be determined. This service is important to all citizens.

number of animals on farms, size of crops, storage of crops and many other features of farming are reported on during each year by this division. Thru use of these reports farmers are kept informed on the size of the Kansas agricultural industry, and at the same time receive some aid in planning their farm programs for the coming year.

One of the more technical divisions of the Board is the Water Resources Division under leadership of George S. Snapp. This division of the Board is charged with responsibility for seeing that farm people and other citizens of the state have full information regarding water resources and water problems. They study water table levels, stream flows, irrigation projects and all other matters that have bearing on the water supply of the state for farm and non-farm use. In case of disputed water rights it is the duty of this division to administer court decrees which settle the differences.

Another new division since 1947 is that of Weight and Measures headed (Continued on Page 17)

## New Board of Agriculture Secretary

Roy Freeland, Farm-Reared Kansan, Takes Over Important Post Vacated by J. C. Mohler

servant of farm people of Kansas, the Board is divided into 7 divisions with each having several important jobs to do.

In this group the Control Division is one of the most active. Under supervision of Director Paul Ijams, this division strives to keep all labeling and advertising truthful and accurate on agricultural chemicals, livestock remedies, feeding stuffs, seeds and fertilizers sold in Kansas. It also maintains supervision over a wide variety of farm and related matters, such as stallion registrations and commission merchants licenses which proves of benefit to all citizens.

Another division that is important to the people of Kansas is the Dairy Division under direction of Dairy Commissioner Harry E. Dodge. In carrying out his duties Mr. Dodge works closely with farmers of the state in producing top-quality milk, cream, butter and dairy products. Not only is this particular department an important one from the standpoint of maintaining top sanitation standards, it is of value since consumer demand for dairy foods is based primarily upon the quality of dairy foods. High quality thus means greater prosperity for farm dairymen.

A new division is the Division of Marketing which is directed by Kimball L. Backus. This division was organized by the 1947 legislature to assist farmers in obtaining maximum value for their farm products. A secondary purpose includes work to establish a national reputation for Kansas farm goods. State-Federal grades, better merchandizing, inspection service, market facilities and other related features all come under activities of this division.

Since man first undertook farming, weeds have been a problem. Today they are still a serious problem; and the work of T. F. Yost, director of the Noxious Weeds Division, is to see that farmers have the fullest assistance possible in combating weeds. Under the law administered by Yost, noxious



**MEET NEW SECRETARY AND FAMILY:** Here we introduce Roy Freeland, new secretary of the Kansas State Board of Agriculture, his wife, Marguerite, and son, Kent, at the secretary's desk in his statehouse office in Topeka.

**ROY FREELAND**, his wife, Marguerite, and son, Kent, are the newly-chosen first family of Kansas agriculture. As Kansas Secretary of Agriculture, Freeland brings to the position a rich background of experience in practical farm work.

Born and reared on a farm in Atchison county, he worked with his dad, Rolly Freeland, an outstanding breeder of purebred hogs and top-quality corn. Freeland spent his early years in 4-H Club and FFA work, showing purebred hogs on the Midwest state fair circuit. He is a graduate in agriculture from Kansas State College where he majored in animal husbandry and agricultural administration. During college he was an outstanding judge of livestock and appeared

successfully in such shows as the National Western Stock Show, Southwestern Livestock Show and the Chicago International Livestock Show. While in school Freeland won the Arthur Capper Award for Journalism and other college honors including Phi Kappa Phi. Upon completion of his college work, he joined the Corn Belt Farm Dailies, then the Kansas State College Extension Service and later the Kansas Livestock Association.

Freeland spent 4 years with KANSAS FARMER magazine as associate editor and secretary of the Master Farmers Association. Since 1945 he has served as assistant secretary of the Kansas State Board of Agriculture.





**POTATO QUALITY:** Thru trained inspectors of the Marketing Division, reliable grades of potatoes are established and increase the popularity of Kaw Valley potatoes. Not only does this service help value of farm products, but it aids in building the reputation of Kansas farm goods on a national scale.

by J. Fred True, state sealer. This division, which was created thru revision of older and outmoded weights and measures laws, has become one of the most popular of all those under Board of Agriculture jurisdiction. One of its most valuable services has been testing heavy-duty scales used in commerce. The division has 2 heavy-duty scale-testing trucks working in the state checking scales as rapidly as possible. Any scale weight or measure is under supervision of this division and is tested for accuracy without charge.

From glancing over the list of divisions it is evident the Board of Agriculture does a big job for the agricultural industry. Just as its duties are extensive so are the rewards that are realized by farmers and other citizens.

Many of the laws and much of the work conducted by the Board of Agriculture establish models which other states are following. Wise administration has done much to make Kansas a leader in legal agricultural work, and to develop the Kansas State Board of Agriculture as a true servant of the farm interests of Kansas.

### Spring Dairy Show At Kansas City May 6-13

**M**ORE than 1,200 head of the best dairy cattle from Kansas, Missouri and Oklahoma will be shown at the second annual American Royal

Spring Rodeo and Dairy Cattle show. Breeders will compete for \$20,000 in cash awards. The Dairy Cattle Show will be in Kansas City at the American

Royal building from May 6 to May 13. The American Royal Spring Dairy Show was held the first time in the spring of 1949. It has been winning attention as one of the most unusual in the country. It encourages the greatest amount of participation by the small breeder by providing financial support in the form of zone transportation payments. Transportation payments to and from Kansas City run as high as \$22 a head.

Breeds shown will be the Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey and Milking Shorthorn. Dairy cattle breeders in Oklahoma will participate in this second annual event for the first time.

Only the best dairy cattle selected from the various districts, cantons and parishes of the 6 dairy breeds in the 3 states will be shown. Each district provides 17 head with a minimum of 3 exhibitors. No exhibitor can show more than 9 of the 17 head.

In addition to the show, an intercollegiate dairy cattle judging contest will be sponsored for teams from land grant colleges of Arkansas, Iowa, Kansas, Missouri, Nebraska and Oklahoma. Each team will consist of 3 students enrolled in a 4-year course in agriculture who have never participated in a national dairy cattle judging contest.

### Coming Events

January 23—Pottawatomie county, balanced farming meeting for 1950 co-operators on dairy and landscaping, Westmoreland Legion hall, 9:30 a. m.

January 23—Wabaunsee county, horticulture school with Amstein, Alma.

January 23—Lincoln county, remodeling homes school, Lincoln.

January 23—Ottawa county, crops and crop disease school, 2 p. m. Farm Bureau basement, Minneapolis.

January 24—Seward county, agriculture planning meeting, Liberal.

January 24—Wichita county, winter crops and entomology meeting, Leoti.

January 24—Norton county, home improvement school, Legion Hall, Norton.

January 24—Phillips county, leader training lesson in clothing, pattern alteration, Naomi Johnson, Phillipsburg.

January 24—Cloud county crops and plant disease school, Luther Willoughby and Claud King.

January 24—Pottawatomie county, garden meeting with W. G. Amstein, Extension horticulturist, Westmoreland Legion hall.

January 24—Jewell county, tractor maintenance school, John H. Ferguson.

January 25—Mitchell county, winter crops school, King and Willoughby, 10 a. m. Municipal Bldg., Beloit.

January 25—Osage county, Selby, planning meeting with board of supervisors, soil conservation district.

January 25—Wabaunsee county poultry and poultry equipment school with Seaton and Willoughby, Alma.

January 25—Jewell county, women's unit leader training school, Naomi Johnson, Mankato.

January 26—Cloud county, beef cattle and marketing school, H. C. Love, and M. B. Powell.

January 26—Hamilton county, crops and livestock meeting, Syracuse.

January 26—Jackson county, landscape and dairy meeting, Holton.

January 26—Lincoln county, home management leaders meeting, Lincoln.

January 26—Pottawatomie county, meeting with M. A. Seaton, Extension poultry specialist and Leo Wendling, farm building specialist.

January 27—Kearny county, winter crops school, Lakin.

January 27—Ellsworth county, winter crops meeting, Ellsworth.

January 27—Ottawa county, home furnishing and appliance meeting, Minneapolis.

January 27—Wabaunsee county, dairy and horticulture meeting with Parks and Foreman, Alma.

January 28—Pottawatomie county, annual soil conservation district meeting, Westmoreland, 10 a. m.

January 28—Seward county, 4-H Club workshop, J. B. Hanna, Liberal.

January 30—Pottawatomie county, County 4-H council meeting, Westmoreland Legion hall.

January 31—Wichita county, poultry and horticulture meeting, Leoti.

January 31—February 3—Riley county agricultural week, Kansas State College, Manhattan.

February 6—Coffey county, poultry and dairy school, M. A. Seaton and Ralph Bonewitz, Extension specialists, Burlington.

February 6—Osage county, tractor maintenance school, Harper.

February 7—Phillips county, 4-H Club meeting, Glenn Busset, Phillipsburg.

February 10—Osborne county 4-H leaders and 4-H vice-presidents school, Busset, Osborne.

February 13—Osage county, livestock and crops school, Lyndon.

February 14—Phillips county, clothing leader training lesson, Phillipsburg.

February 15—Lincoln county, nutrition leaders meeting, Lincoln.

February 15-16—Shawnee county, State Weed Control Conference, Kansas Weed Department, Topeka.

## World's Champion Squash Raiser Wins Title 14th Time!

55 Pound Green Hubbard  
Wins For Minnesota Farmer



Clarence Richter is new World's Champion Squash Raiser. Another of many farm and sports champions who enjoy Wheaties! You getting YOUR Wheaties regularly too?

**R**OSEVILLE, Minn.—As more than 1,000 people jammed the judging hall, Clarence Richter won the 1949 Squash Raising Championship. Nothing new for Clarence! He and his father have won the title regularly, bringing it home 14 times in past 19 years.

\* \* \*

Richters started squash farming 25 years ago, when they heard that hotels like to buy huge squash. This year the family raised 25 tons of Hubbards. Lots of squash on the Richter dinner table! And lots of Wheaties on their breakfast table. Clarence eats those delicious flakes 3 times a week. Likes 'em most with bananas.



"Grandpa says he owes it all to Wheaties."

Clarence says Mrs. Richter is a fine cook. She bakes plenty besides squash! One of her favorites: cookies made with coconut and Wheaties. In cookies, or in cereal bowl, Wheaties are a favorite with many families. They're America's favorite whole wheat flakes. Second-helping good any time of day!


And Wheaties are as nourishing as they are good! A famous training dish, they give you B vitamins, minerals, protein, food energy. Fine cereal for your hungry, hard working family: Wheaties, "Breakfast of Champions"!



**I LIKE 'EM BOTH EXTRA BIG!**

Extra value with Wheaties. (1) You get valuable silverware coupons in Wheaties and other General Mills products. (2) You get 50% more than regular size in the Extra-Big-Pak of Wheaties.

"Wheaties" and "Breakfast of Champions" are registered trade marks of General Mills.




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Rain or Shine  
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# LARGE FLOWERING DWARF PETUNIAS

Mixture of all varieties and colors of our large flowering dwarf Petunias will give brilliance and charm to your beds and borders.

### For Porch Boxes, Hanging Baskets

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Could be we might not have enough to go 'round to all our friends, so don't delay. Send the coupon with the stamp right now. We'll put your name on the mailing list for a FREE subscription to our magazine "Seed Sense" and our big new seed and nursery catalog.

---

**Henry Field's 1713 Elm St., Shenandoah, Iowa**

Here's my 3¢ stamp. Please hurry my pkt. of large flowering Dwarf Petunias and put my name on your list for "Seed Sense" and the catalog.

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3¢ stamp  
MAIL THIS  
COUPON



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"TRUST TO LUCK"  
this spring?

**NOW is the time to order  
SPENCER AMMONIUM NITRATE FERTILIZER**

The consensus of opinion is that there will not be enough Ammonium Nitrate Fertilizer to go around this spring. If there is, it will be the first time in six years.

To make sure you won't be left out in the cold, see your fertilizer dealer now and specify SPENCER Ammonium Nitrate.

In carefully controlled tests, SPENCER Ammonium Nitrate Fertilizer has increased corn yields 10 to 15 bushels per acre per 100 pounds of Ammonium Nitrate used—raised wheat yields from 9.7 bushels to 20.

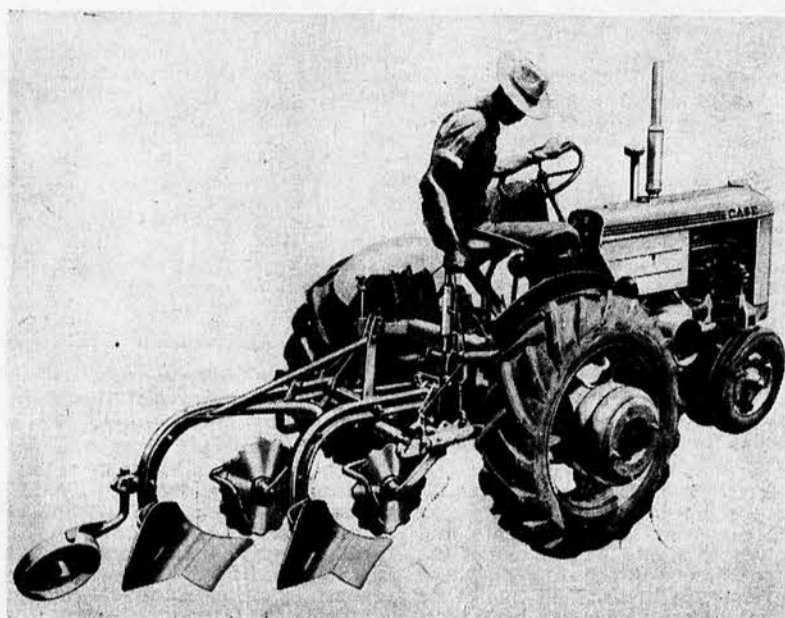
And SPENCER Ammonium Nitrate will raise your yields, too! See your dealer and ask for SPENCER.

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**"Have You Heard—"**

Notes on New Products of Interest to Farmers and the  
Folks Who Make Them



One new announcement for 1950 is the Eagle Hitch shown above, a 60-second, one-man latch-on announced by J. I. Case. A change of implements is accomplished with little more effort than removing and replacing the securing pin. (See note this page)

ARRIVAL of young 1950 heralded several new contrivances as the manufacturers prepared for more strenuous competition for the farmer's attention. New ideas and improvements are being announced in every mailbag and Kansas Farmer is presenting some of them here for you.

On top of the stack is announcement from J. I. Case of their new Eagle Hitch, a "latch-on" device for the Case 2-plow VAC tractor. With this arrangement the operator can hitch to an implement in a minute or less without getting off the tractor seat. It's all done with a pin which secures the implement to the tractor. What's more, the makers say the tool works at an even depth whether ground is soft or hard.

For other Case tractors of the "S", "D", and "LA" series there is a line of hydraulic units that can be installed by the dealer or available as factory equipment on new tractors.

Altho winter already has caused the stock tank ice situation to become critical, it might not be too late to bring a new bottled-gas de-icer to your attention. It is manufactured by the Mid-States Equipment Co., of Lake View, Ia., and is said to warm water with as much as 24 inches of ice, especially important to a dairy farmer whose stock must average 18 gallons a day in order to maintain production.

Another Iowa concern comes up with a mower that boasts a self-contained, fast-action hydraulic lift for all tractors using standard ASAE power take-off. The Haymaker Company, of Waterloo, says the arrangement has been field-tested and proved since 1946 using finger-tip control and sealed lubrication. It also has a breakaway release for encountering obstacles.

While discussing power equipment, there's a new air cleaner on the market for cars, trucks and small power units made by manufacturers of Cyclone cleaners for tractors. It incorporates the same centrifugal action but with an additional filter wall for removal of minute abrasive particles from the air duct. Air Cleaner Service Company, of Denver, is the manufacturer.

There's a definite swing back to the western boot styles of 50 years ago, according to Dean Hyer, Olathe, Kan., bootmaker. The short-legged, high-heeled boots are giving away to long-legged, low-heeled styles and thousands of folks in the Midwest are emphasizing their association with the cattle industry by wearing "Westerns," is his comment.

The Hyer factory has been making boots for nearly three-quarters of a century, and top-flight rodeo stars and movie figures are Hyer customers. The western foot, Hyer says, has changed. "All our boots formerly ranged in sizes from 5 to 9. Practically all we now make range from 7 to 12." As far as styles for 1950 are concerned, most

boots will follow ready-made patterns.

Along with new items for 1950 comes an announcement from Minneapolis-Moline for a 2-wheel tractor spreader. While it retains many features of the 4-wheel model, the new job sports a special jack and hitch stand, about 15 per cent more capacity (70-75 bushels), and added strength.

From Illinois comes word of a haying machine that speeds hay drying in the field, thus leaving more carotene content and other original qualities in the plant. With this tractor-drawn attachment, made by the Meyer Mfg. Co., Morton, a width of hay is cut and the row previously mowed is simultaneously fluffed to aid natural drying. The manufacturers claim that use of the machine permits putting up the hay 24 hours earlier. The unit can be purchased with or without mower.

One company goes in for pest control in a big way. It is Dobbins Manufacturing Company, Elkhart, Ind., whose 1950 catalog shows a line of 47 models of power sprayers and dusters plus booms and accessories. Apparently this company makes everything from wheelbarrow to trailer and boom sprayers for cropland, orchards, livestock or buildings.

Specifically, the new line includes a heavy-duty, 8-row, tractor-mounted crop duster; 6-row and 4-row models, models for orchards, vineyards, row crops, grain, pastures, estates, truck gardens, tobacco, livestock and for buildings.

The dispatches give us 2 new dozer blades for tractors, one a 2-pin detachable job for the Massey-Harris pony tractor. The other a Lundell Manufacturing Company product with a 7-foot blade made for practically all standard loaders. It is made in Meriden, Ia.

Folks in Western Kansas likely will be hearing from Tex Mallow, new district manager for Phillips Petroleum Corporation, who is to head the new district office for the area in Great Bend. The Russell and Chase offices are being consolidated with this office and some personnel changes are included in the shift.

Should anyone desire additional information about any item that appears in this column, send an inquiry to "Have You Heard Department," Kansas Farmer, Topeka, Kan.

**Keep Better Records**

More farmers in Kansas are keeping accurate records on their farm operations, it is reported by Kansas State College extension service.

This progress is noted by the fact that a total of 30,000 Kansas farm and household account books are being distributed this year compared to only 12,000 in 1944.

**Buy United States Savings Bonds**

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BALDWIN**  
HYDRO-ELECTRIC TRUCK BED HOIST  
Dumps heavy loads. Finger-tip control. No power take-off, connections, joints or gears. Self-contained unit connected to truck generator. Simple and dependable. Write for folder. EASILY INSTALLED ON ANY TRUCK  
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WILL BRING YOU A  
**DODSON SILO**  
★ PAY FOR IT AS IT EARNS FOR YOU  
Why do without the one thing that will make you more money than anything on the farm? A ton of silage gives you 100 lbs. of beef and that's profitable in any market.  
Dodson Silos have been money-makers for farmers for nearly forty years. Some say if they had to give up their silo, they'd quit farming.  
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OLATHE, KANSAS

## Try These New Champions In Your Garden

They Include Squash, Snapbean, Watermelon and Petunia

By WILLIAM G. AMSTEIN, Kansas State College

NEW vegetable and flower varieties interest most gardeners. At this season of arm-chair gardening the 1950 catalogs and descriptions carry unusual appeal. Local experience may not bear out some of the high promise offered in the descriptions. But the system of All-America selections represents rather thoro testing in 20 different localities thruout the country. Included in the 1950 award winners are Uconn squash, Topcrop snapbean, Congo watermelon and Fire Chief petunia. If you did not try the 1949 winner, Caserta squash, I suggest you

include it in your 1950 garden seed list. Uconn squash is a true bush type similar to Table Queen or Acorn. It was developed at the University of Connecticut as a cross between Acorn and Yellow Prolific Straightneck. This new variety has the general shape and dark green color of Acorn, together with a yellow meaty flesh useful for baking or stuffing. It has, however, the early fruiting ability and compact bush form of the other parent, the Yellow Prolific Straightneck. Uconn should be a heavy producer over a long season. It does not send

out long runners like Acorn, therefore will not require too much space in the farm garden. It can be spaced 3 feet each way. This new squash can serve as a dual-purpose variety. Picked when young and tender, it may be used as a summer squash. Fruits that are not used then can be left on the plant to mature and can be stored for use as a winter squash.

Market gardeners also will find this new Uconn squash a practical variety, since less space will be required for it than for Acorn now a commonly grown variety. Also they can be on the market earlier in the year with Uconn.

Topcrop snapbean follows several other winners of the last 15 years, starting with Tendergreen introduced in 1933, now used to grow more than 40 per cent of all snapbeans produced. Keystone, Longgreen and Supergreen were improved selections out of Tendergreen introduced more recently to give longer pods and better yields. However, many of these good varieties have been injured by diseases.

Topcrop, this latest Tendergreen type introduced by the USDA, is a top quality bean, early maturing, round, stringless and fiberless. In 3 years of tests with other standard varieties it has yielded about one-third more than the heavy bearers, and nearly doubled the yield of Tendergreen. Topcrop gives this high yield because of its disease resistance.

While it reaches a usable stage early, it is easy and economical to harvest. You can gather the main crop in 2 or 3 heavy pickings instead of gathering a few pods at a time over a long season, as is common with most varieties. Thus, where you can irrigate or where you have good moisture and growing conditions, you can make smaller plantings and have the ground ready earlier for another planting of this or other crops. Market gardeners as well as home gardeners can use this feature to advantage.

### Immune to Mosaic

This new Topcrop snapbean is immune to common bean mosaic and to shiny pod or greasy pod, both serious diseases that affect the growth of plants as well as the yield of useful pods.

Topcrop is adapted for freezing as well as canning. Pods can be used for quite a long period, altho seed is developing.

Many leading seed firms have cooperated with the USDA in building up a stock of this new Topcrop snapbean for sale this year. You should find seed available from your favorite seedsmen. Do not wait too long before deciding you want to try it in your garden.

Congo watermelon is another 1950 winner with good quality and fine texture in a tough rind designed for shipping. It also is a useful home garden variety, because it will keep well on the vine or after it is pulled.

Congo matures in 90 days and will reach a size of 60 pounds. In eating qualities it is considered superior to Tom Watson, Dixie Queen, Cannonball and similar favorites.

This new melon is striped dark green with a tough rind and light tan seeds. It does not grow many melons with gourdneck and shows little breakage or anthracnose. However, Congo is not a wilt-resistant melon. It was produced by crossing a melon sent by a missionary from Africa with the Iowa Belle variety. A resulting selection was then inbred for several generations and finally crossed with the Garrison variety. Congo deserves a trial as either a shipping or home garden variety because of its good eating and long-lasting qualities.

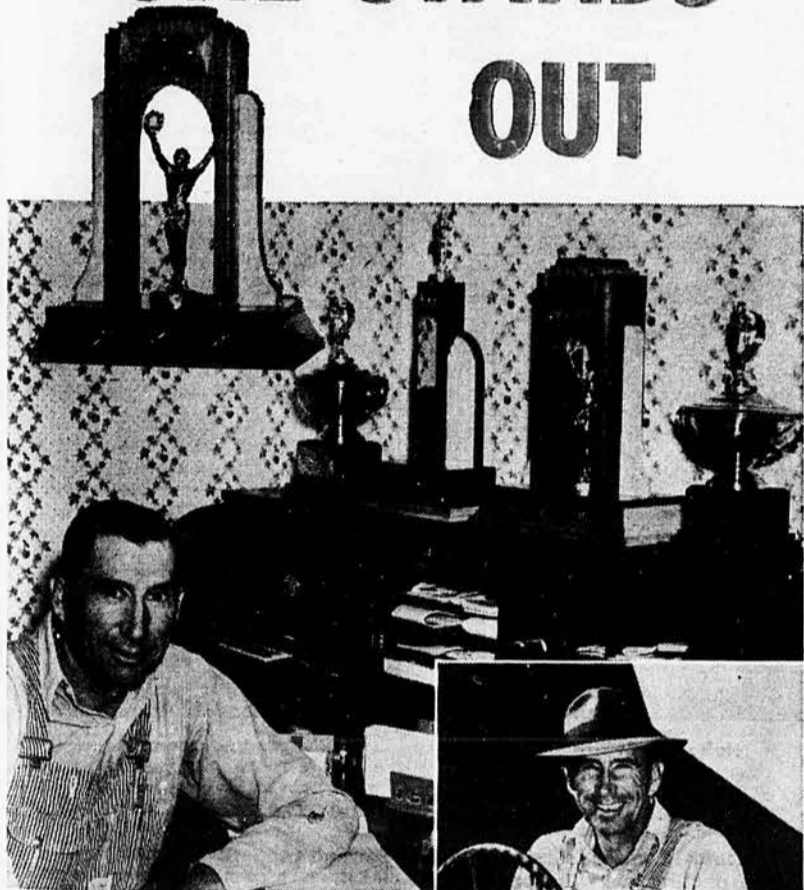
### One You Have Wanted

Fire Chief petunia, the only flower award winner in 1950, has a scarlet glow and is actually spectrum red. It also is the first Gold Metal winner since a Morning Glory, Scarlet O'Hara, won in 1938.

Everyone has always wanted a real rich red petunia. Much plant breeding skill has been used to bring out this new red Fire Chief petunia. In plant growth it is about 12 inches wide and tall and will be covered with large plain-petaled flowers all season. Protected it may go thru winter.

This new Fire Chief petunia is a dwarf compact hybrid type which holds its bush shape and does not go sprawling all over the yard as do many varieties. For a bed, a low border, or to edge a walk or drive, it should prove useful. Likewise in a window box or as a potted plant it should be attractive.

# ONE STANDS OUT



### Certified Seed Produces Prize-Winning Wheat!

Oklahoma Wheat King, D. V. Nelson, Goltry, who was State Wheat Champion in 1946 and 1949. Judged the Outstanding Wheat Grower in Oklahoma in 1944, 1945 and 1948, he has many trophies. To produce this prize-winning wheat, year after year, Mr. Nelson plants certified Comanche and Wichita seed... and to produce an outstanding motor oil like HI-V-I, Champlin uses the finest certified Mid-Continent Crude! This gives HI-V-I its higher viscosity index... the uniform quality that means no thinning out to endanger vital engine parts... free-flowing action that bathes engines in a rich film of protective lubrication! The best crude makes the best oil... HI-V-I!



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# • Coffeyville and Beloit To Hold Important Farm Meets

THE second farm, home and industrial conference in which Kansas State College is co-operating with chambers of commerce this year will be held January 25 and 26 at Coffeyville. This will be the fourth annual Southeast Kansas conference.

A similar event was held December 1 and 2 in Topeka. Another farm, home and industrial conference is scheduled for Beloit, March 29 and 30.

Separate agricultural, home economics and industrial meetings will be held in the mornings and group sessions during the afternoons of the Coffeyville conference which will be in the city auditorium.

Two department heads at Kansas State College will speak at the opening morning agricultural session. H. E. Myers, of the agronomy department, will discuss practical solutions to crops and soils problems in Southeast Kan-



Dr. H. E. Myers

Clifford Titus, President, Dalton Manufacturing Company, Garnett, will speak on the subject "All Together" at the general assembly program at 7:30 p. m., January 25.

Speakers for the agricultural session at 10 a. m. January 26, are George Montgomery, head of the department of economics and sociology, and C. R. Jaccard, extension agricultural economist both of Kansas State. Montgomery's subject is "Farm and Business Price Outlook," and Jaccard's is "Four Federal Farm Programs—Which One?" There will be a roundtable discussion following these talks.

Those attending the second morning home economics meeting will hear Beth Peterson in an exhibit and discussion of the topic, "From Calico to Nylon." She is a home economist with the DuPont Company of Wilmington, Delaware.

Another feature of this session will be the presentation of standard of excellence awards by Georgiana Smurthwaite, state home demonstration leader at Kansas State, to home demonstration units in Southeastern Kansas.



Georgiana Smurthwaite

sas, and F. W. Atkeson, of the dairy department, will speak on the Kansas artificial dairy breeding program.

"New Ways With Meat" is the topic of a discussion and demonstration Dorothy Holland, Chicago, nutritionist with the National Livestock and Meat Board, will give before the home economics session at 10 a. m. January 25.

The opening industrial group meeting will have Southeast Kansas business men as speakers, each discussing the business and industrial outlook for his city. They include D. A. Willbern, Coffeyville; Ed McNally, Pittsburg. C. C. Kilker, Topeka, manager of the Kansas State Chamber of Commerce, will be the industrial consultant, and Forrest Boone, Coffeyville, the session reporter.

Maurice Fager, Topeka, director of the Kansas Industrial Development Commission, will speak on stability thru industrial development. Paul W. Griffith, Kansas State College, will talk on a balanced agriculture for Southeast Kansas at the general assembly at 1:30 p. m. January 25. Following these discussions there will be a panel discussion on the new federal farm housing program. Leaders in this panel will be Tessie Agan and Leo Wendling, of Kansas State College, and Hubert L. Collins and Walton Dodge, of Topeka.



George Montgomery



Paul Griffith



Leo T. Wendling



Prof. F. W. Atkeson

Speakers for the industrial session January 26, are Kenneth L. Sohns, regional office, Department of Labor, and Gardner W. Heidrick, director of personnel, Consumers Cooperative Association, Kansas City, Mo. A tour of the Co-op refinery will follow these talks.

The concluding general session, the afternoon of January 26, will be dis-

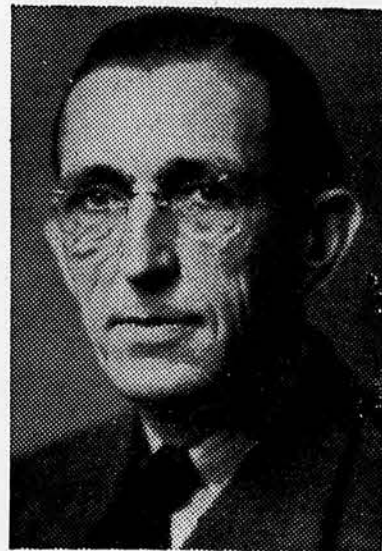


L. C. Williams

cussions of wide interest. "More Doctors in Rural Areas" is the subject of Dr. Franklin Murphy, dean of the school of medicine at Kansas University. Dean L. C. Williams of the Kansas State College extension service has the subject, "Using Your State Agricultural College," and Fred Stein, Atchison, president of the Kansas State Chamber of Commerce, will speak on "Value of Man Over Money." All meetings are worth your attendance.



Hubert L. Collins



C. R. Jaccard

## Puts Brake on Milk

GIVING ice-cold water to dairy cows is like putting a brake on milk production, states E. Ralph Bonewitz, Kansas State College extension dairyman.

"The nearer to body temperature drinking water is, the less energy the cow will use in raising it to her body temperature," he says. "Energy used for heating water cannot be used for producing milk or putting on body weight."

Bonewitz goes on to say that when cold water is offered to the cow only once or twice a day it is even worse. Then the cow is forced to drink at a time convenient to the owner, instead of when water is needed for most efficient digestion. And enough water must be consumed at one time to maintain some degree of body activity for 12 to 24 hours. Often this is enough to chill the entire contents of the rumen and stop, or even kill, the bacteria which have been at work.

"Ice water serves as a drain on the cow's digestion in 2 ways," Mr. Bonewitz claims. "One, by using energy to raise the temperature of the water, and second, by having the rumen stand

idle or at reduced activity until bacterial growth comes back up to an efficient level. Keeping reasonably warm water available at all times is good and economical management."

## More Australian Wheat

Good rains have insured another bumper wheat harvest for Australia this year, according to bulletins issued by the Australian government. The country also has a slightly increased acreage over normal plantings.

## Select Best Animals

No breeding program can replace selection; no breeding program can exist without selection, states Franklin Eldridge, of the Kansas State College dairy husbandry department.

From the earliest history of livestock improvement to the present day, selection of the best and most profitable animals has been the key to success, Mr. Eldridge says. The effectiveness of your selection, or culling, today will determine the success of your livestock enterprise in the future.

## Odd Creek Names

As you drive around over Kansas do you ever notice the odd or unusual names that have been given to some of our creeks. Maybe you have a stream in your community that bears one of these strange or unusual names.

If you do, and if you know the story of how the name of that stream originated, please write a letter about it to Kansas Farmer. We will pay for each letter accepted for publication. Send your story to Kansas Farmer, Topeka, Kan.

—The Editor.

# Thoughts TO LIVE BY

## Contentment

ASKED, 'Who is the rich man?' Epictetus replied, 'He who is content.' What a boon contentment is, but alas, what a stranger it seems to be. Unfortunately, it has been confused by many people with possessions. The man thinks he would be content if he had that other job. The woman knows she would be content if she could get that new dress. The youth insists a car of his own would bring him contentment, and the girl claims she would be content if only she could get into a certain sorority.

So we strive to earn more, go more, and possess more than our neighbors. But despite our activities and acquisitions, we remain discontented. This striving makes for a high standard of achievement, but it also contributes to the number of people who succumb with ulcers and heart disabilities. It is tension rather than contentment that frequently develops from the competition of life. Contentment, if we had it, would let us relax. And ironically, the relaxed person often is more effective than the tense one.

There is a statement of the Apostle Paul our generation ought to consider. He said, "I have learned in whatsoever state I am therewith to be content." That is a lesson worth learning. Notice his contentment was not the result of outer circumstances but of inner resources. Regardless of his environment or condition, he was content.

Look for a moment at that word content. It comes from two Latin words: con and teneo. Con means

with or together. Teneo means to hold. Etymologically, to be content is to hold together. Some people go to pieces very easily. They are not contented. The life of the contented man is unified; it is integrated about something worthwhile. Let the winds of adversity blow and the floods of calamity arise, the house of his life will withstand the storm for it is well built upon a solid foundation.

How did Paul find contentment? In his writings we find a couple of suggestions. He admonished his readers to guard their thoughts, to think about the things that are true, honorable, just, pure, lovely, and of good report. He regularly placed his accent upon the positive. Altho he was physically handicapped, he spoke of it so little we are not sure what his affliction was. On the other hand, he set forth a way of life that makes for healthy living. In a world of evil, he proclaimed the good. To men whose hatred was largely based upon fear, he preached faith in the God of love. Even among the limitations of this life, he exhorted his readers to "Rejoice evermore." Such mental discipline takes a person a long way toward contentment.

And Paul was aware of inner resources. They were not his; they were God's. He lived in a strength not his own. Writing as he did late in life, and thus speaking out of experience, he asserted, "I can do all things in him that strengtheneth me." What can shake the poise of a man who has such confidence. He knows he has the power to meet anything with which life confronts him. Therefore, he can be content.

—Larry Schwarz.

## Church Institutes In Two Counties

THE Church and The Family Farm" will be the theme of 2 county one-day institutes held during February and dealing with land tenure problems in Kansas. The Franklin County Institute will be held February 15, at the Methodist Church, Wellsville, and the Jewell County Institute at the Community Building, Mankato, February 16.

These institutes are sponsored by the Committee on Town and Country Church of the Kansas Council of Churches, in co-operation with inter-

ested farm agencies of county and state-wide scope.

Some of the subjects which will be discussed include: Social values of the family farm, history of the churches in the 2 counties, long-range effects of various farm group policies, long-range effect of church policy on the family farm, effective means for securing farms for families.

The Rev. Raymond Baldwin will serve as chairman of the Franklin meeting and The Rev. Louis F. Meeks of the Jewell county meeting.

## Farm Week January 30

A PROGRAM of interest to every farmer in Kansas has been planned for the 82nd Annual Agricultural Week, which will be held on the Kansas State College Campus, at Manhattan, January 30, 31 and February 1, 2 and 3. The annual meeting of the Kansas Purebred Dairy Cattle Breeders' Council will start off the week. The meeting of this group on Monday, January 30, will be followed Tuesday morning by meetings of the various dairy breed associations. The Tuesday afternoon and Wednesday dairy programs will be of interest to all farmers connected in any way with dairying.

On Wednesday, February 1, the Kansas Beekeepers will have an all-day program featuring outstanding speakers. The Kansas Hybrids Association also will meet Wednesday and have an all-day program.

The Kansas Crop Improvement Association will be in session all day Thursday, February 2, with speeches and reports of general interest. Friday, February 3, will be devoted

to an agronomy program planned especially for interest to all farmers. At noon, over Radio Station KSAC, Kansas Farmer magazine will present the 1950 class of Master Farmers. These men will be honored at a banquet on the college campus that evening.

## Heads College 4-H Club

Armin Samuelson, Topeka, has been elected president of the Kansas State College 4-H Club for the second semester. Mr. Samuelson was one of two 4-H'ers who visited in Europe more than a year ago on an Extension-sponsored exchange program. While in Europe articles relating his experiences appeared in Kansas Farmer.

Other officers of the college club are Miles McKee, Elmdale, vice-president; Mae Meinen, Ruleton, secretary; Elizabeth Mayhall, Wichita, song leader; May Ann Miller, Junction City, pianist, and Lorice Ann Miller, Winfield, and Dorothy Van Skike, Arkansas City, corresponding secretaries.

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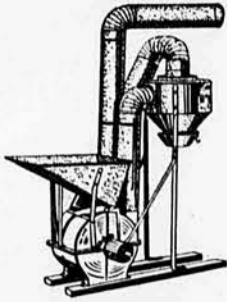
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# WEED KILLERS

# Now That You Have Electricity

By CHARLES HOWES

**A**TTRACTED by the report one Kansas farm provided air-conditioned quarters for the herd bull, this writer visited the Walnut Hill Hereford Ranch, northwest of Great Bend. We saw electricity hard at work helping with some highly specialized farming and very comfortable living.

Mrs. Thomas R. Taylor and her 2 sons, Thom and John, run the place and have made electricity a partner in their alfalfa, wheat and purebred-cattle operations. From the Western Light and Telephone Co. transformer, lines run to every building and in some cases disappear into the ground to perform some task.

Yes, there is air-conditioning for the herd bull; for the bull and all of the Taylor-Made Hereford herd; and for the boys who are grooming the animals for show. It is a 12-foot evaporative cooler placed on the south side of one barn. Air is drawn thru the moisture-laden excelsior with a 72-inch home-cooling fan and guided across the stalls by means of heating conduits. Young Thom allowed that by keeping the barn shut and the arrangement going they save lots of time and trouble by reducing fidgeting and keeping flies moving.

Biggest electric item is a 30-HP motor which operates the 2,300-gallons-per-minute irrigation system. Another 5-HP motor powers the water system for the barns and feed lots; 1-HP motor keeps the home water system in operation. They use electric fence, an electric workshop, and a full complement of electric home appliances. Yard and pen lights can be controlled from barn or house. They use an electric de-icer in one stock tank and are looking for another to fit specifications in a larger tank. There is an electric feed cooker in the air-conditioned barn together with lighting thruout. Indeed, the Taylors live comfortably, and they farm 1,500 acres with only 4 pairs of male hands, plus electricity.

Someone has done some research to show that your household fan can be useful in winter as well as summer. Observing there are several degrees of temperature difference between floor and ceiling, especially when there is no furnace blower, this scientist placed an ordinary electric fan beside the heat source. The temperature differential was reduced to about 6 degrees, and the hot air at the ceiling was mixed with the cooler floor air and stirred around. He recommends that the fan be aimed upward at an angle of about 30 degrees.

The 80th anniversary Pillsbury Grand National baking contest, a competition of 100 top cooks in the country, was completed December 15 in New York. Top award was \$50,000 for Mrs. Ralph E. Smafield, of Detroit, Mich., who baked her "water-rising nut twists" from recipes handed down by her mother. A significant thing, however, is gleaned from the photograph showing 100 electric ranges set up in the grand ballroom of the Waldorf-Astoria hotel and the contestants hard at work. There also are 10 electric mixers for the contestants. Second prize, incidentally, went to an Illinois farm woman.

Television did a big business in 1949. One estimate of production by major manufacturers shows more than 2 1/2 million sets were produced during the year, which is a half-billion dollars' worth of television. Such popularity must be deserved.

Now that the first cold snaps have had their effect, perhaps you can appreciate the need for one of these electric blankets or electric sheets or comforters. They can be had for twin beds, for double beds and as foot warmers. And there is a double-bed number that gives individual treatment to 2 sleepers, each being able to regulate the temperature to his own need. Frankly, the health angle of such an item cannot be underestimated. Folks who must sleep under several pounds of bed-clothes cannot possibly get the rest lighter-weight items permit.

With chick-brooder season, here are some thoughts and cautions on electric brooders. It is recommended, authoritatively, that 10 square inches of brooder to each day-old chick is minimum in cold weather. Later, square inches may be sufficient. Take along your tape measure. Another measurement is on the basis of wattage. About 2 watts per chick is an efficient figure.

Allow about 12 hours of warmup before placing chicks in the brooder. The gets the litter warm and gives you time to regulate the temperature and check the control apparatus. And in the event of power failure, a battery-operated warning signal should be attached to the brooder so emergency aids can be supplied.

Another cold-weather item that bears repeating is the stock-tank de-icer. This electric heat element floats on the surface of the water and maintains an open hole for free drinking. De-icers plug into a convenient 110-volt outlet, and the temperature is controlled automatically by means of thermostat.

In our "things to come" department we referred last year to the heat pump—a revolutionary device to heat and cool your home with a single installation. Actually, your milk-cooler compressor is a heat pump. It pumps heat out of the milk and water in the cooler tank. That heat is released by the compressor and condenser into the room air. In summer, you open windows to get rid of the heat. In winter you can utilize it by closing up tight; and you can make more heat by running water from the well thru the cooler tank to keep the compressor running. Eventually, refinement of this sort of arrangement to heat and also cool your milkhouse home, and other buildings, will be available, say the experts.

At least 2 lines of 1950 electric ranges have reverted to a radio feature of 10 years ago to make the matter of cooking less troublesome. We refer to push buttons. Ten years ago it was "Push a Button, There's Your Stat." In 1940 it will be, "Push a Button, There's Your Cooking Temperature." Generally arrayed on the panel behind the burners, the buttons control the heat output in 5 or more stages. Furthermore, pressure on a button lights a colored light to give your present cooking situation at a glance. Another feature which is being presented with considerable flourish is the range with 2 ovens, a device to help the missus bake and broil or roast all at the same time, and the ovens can be controlled by push buttons just the same as the burners.



**100 STOVES:** A portion of the grand ballroom of the Waldorf-Astoria hotel in New York showing the big Pillsbury Bake-Off. Contestants from 37 states, District of Columbia and Alaska baked their prized recipes on 100 electric ranges for a top prize of \$50,000.

# Vocational Agriculture

By HELEN ANKENY

IN THE national FFA dairy- and poultry-judging contests held recently in Waterloo, Ia., Kansas had 2 teams placing in the Gold Emblem division, and one in the Silver Emblem class.

In dairy-cattle judging, with 31 state teams competing, the Belleville team, Carl Beyer, coach, received the gold-emblem rating. The team was made up of Galen Morley, George Brzon, and Charles Hazlick. Brzon and Hazlick placed gold-emblem and Morley placed silver-emblem classification in individual competition.

The Olathe team, composed of Charles Alexander, J. Elton Zimmerman, and D. Wayne Zimmerman, coached by A. G. Jensen, won the silver-emblem award in dairy-products judging with 27 states competing. D. Wayne Zimmerman won the gold-emblem award in individual competition, and J. Elton Zimmerman and Charles Alexander won bronze awards.

The Cherryvale team, coached by Clem Young, competing with 30 state teams in poultry judging and egg grading, not only placed in the gold-emblem classification as a team, but each boy on the team brought honor to his home chapter by winning gold-emblem plaques for himself as top-ranking individual.

The Belleville team, which competed in dairy-cattle judging, also participated in livestock judging at Kansas City and won honorable-mention classification, Hazlick and Morley rating bronze emblems in individual competition. They competed against 34 teams.

Bronze-emblem honors went to the Concordia team, coached by W. A. Rawson, in the meats-identification contest, 25 state teams competing. On the team were Ted Hanson, Don Hudsonpillar, and Lyle Lagasse. In individual competition, Lagasse ranked in the silver-emblem classification, Hudsonpillar in the bronze classification, and Hanson won honorable mention.

The Altoona Future Farmers are a mighty busy group of boys these days. Their Vocational Agriculture department was established just last year, but if one is to judge from a report made by the excellent FFA reporter, Frank M. Greene, their chapter and department will be one of the better chapters in the state in the near future. Greene reports: "We are starting completely from scratch and, in fact, we had to build our classroom in order to have a place to meet." To prove they have been busy, Greene tells of a few things they have been doing besides

building the classroom. They attended the grain-judging school at Chanute, the Hutchinson State Fair, and the Independence leadership school; harvested 50 acres of corn for one of their members, Harold Myers, who had injured his back and was unable to work; held a pie supper; and 3 of their boys, Lee Bradford, Bill Chrisman, and Warren Latta, "did such a good job of auctioneering that we cleared \$110.27 for our chapter." At the time the report was sent in, they were busy building a farm shop room. Leo VanPelt, a graduate of Oklahoma A. & M., is adviser. There are 34 members in the Altoona chapter, and their president is Johnny Walker.

The Vocational Agriculture III class of the Wamego high school, under supervision of instructor, E. E. Stockbrand, recently established a wheat-fertility plot east of Wamego. The plot will show the effect of nitrogen and phosphate on wheat when applied at different rates and periods.

For the second year, Beloit Future Farmers have purchased purebred Hereford calves from the Woody Ranch, at Barnard, and taken on the care and feeding of the animals as a chapter project. Seventeen head were bought. They will be used for deferred-feeding system, and part of them will be placed on full feed. Boys purchasing calves were Bob Snyder, George Betz, Jr., Bill Borgen, Walt Aams, Jr., and Harrell Guard, Jr. Howard R. Bradley is the Vocational Agriculture instructor at Beloit.

The Beloit group last month finished cleaning and treating for smut, 400 bushels of their certified Nemaha oats, grown co-operatively with the Mitchell County Fair Association at the fair grounds. The field was fertilized with different amounts of ammonium nitrate in March. Weeds were controlled by use of 2,4-D spray.

The Lebanon FFA recently sponsored its 12th annual Achievement Day, which attracted many people to the city. Among them was F. A. Blauer, Stockton, who originated the idea when he was Vocational Agriculture instructor at Lebanon. The entire project was an FFA affair. Prizes for floats, crops and livestock exhibits were paid out of FFA funds. There were 64 entries in the crops division, 20 in swine, 15 in sheep, and 2 beef exhibitors. The affair was planned and carried out under supervision of instructor Don Hall.

The Shawnee Mission FFA chapter, Harold Garver, instructor, recently enjoyed having as their guest, Christopher Long, of Cambridge, Eng., who gave an interesting and enlightening talk on farming in his country.

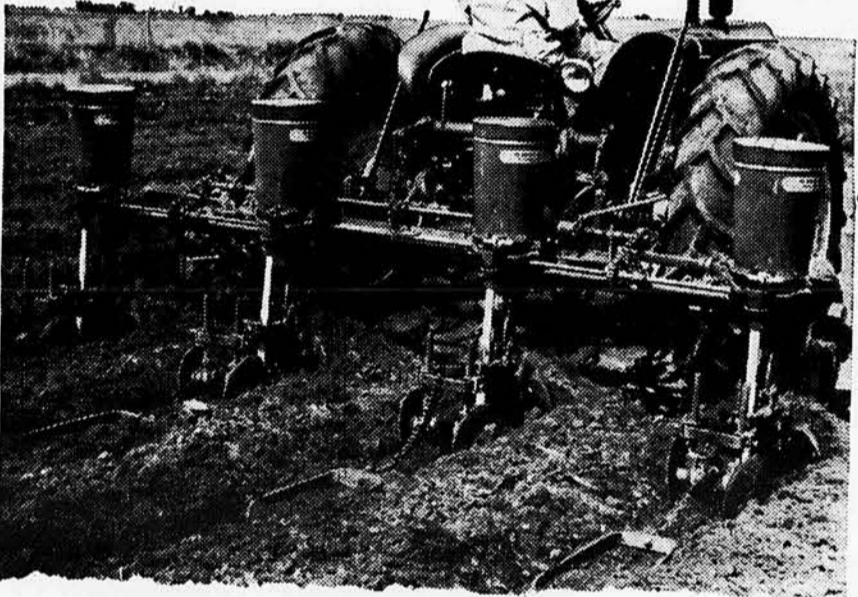
Long is a member of an organization in England which corresponds to the Future Farmers of America organization. He told the Shawnee Mission group that farm production in England exceeded that of the American farmer in both production per acre and per man; also that British agriculture was more mechanized than in the United States, yet soil fertility has been maintained thruout the centuries of British history. The British farmer, Long stated, has no problem of soil erosion as the rainfall is so gradual that it is almost entirely absorbed by the soil. The Shawnee Mission chapter members also played hosts to 2 Pennsylvania delegates to the national FFA convention and 50 students from the

University of Illinois, which was the tenth annual visit for students to the Shawnee Mission chapter from that university.

Two purebred Hampshire bred gilts were presented recently to 2 members of the Bonner Springs chapter by the local Rotary club. The gilts were bred by the reserve grand-champion boar at the American Royal in 1948. . . . New equipment added to the Bonner Springs farm shop department includes an air compressor, paint-spraying outfit, and a power hack saw. L. L. Van Petten is the instructor.

The Oberlin FFA judging teams, coached by L. L. Moody, won first and second place at the annual Angus breeders sale and judging contest held at Oberlin. Competing were 17 teams from Colorado and Kansas. Carl Lafferty, of Oberlin, was high individual.

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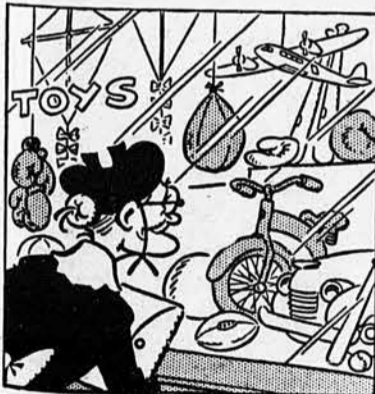
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## GRANDMA . . . By Charles Kuhn



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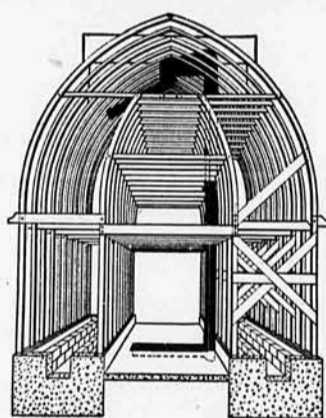
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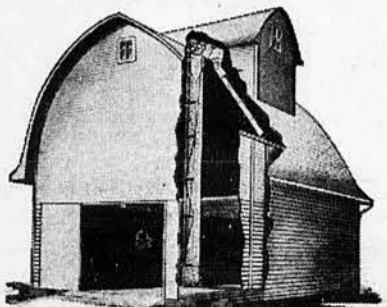


Illustration shows finished unit.

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Everybody in your family will be interested in this story of early-day Kansas. Read it aloud so all can enjoy it together. Teachers can use it for school work. Read it and compare your Kansas of today with this one of 1850.

**What Kansas Was Like Back in the 1850's**

By LELA BARNES

**KANSAS** was part of a remote and little-known region at the time of its organization as a territory in 1854. Early writings—memoirs of French explorers, books of travel and official reports of expeditions—had described the character of the country beyond the Mississippi, but only one idea about the plains had general circulation. This was that they were arid wastelands.

Zebulon Pike, reporting on his expedition to the Rocky Mountains in 1806, had written: "Our citizens being prone to rambling and extending themselves on the frontier, will, thru necessity, be constrained to limit their extent on the West to the borders of the Missouri and Mississippi, while they leave the prairies, incapable of cultivation, to the wandering aborigines of the country." He declared the vast plains would become in time as celebrated as the sandy deserts of Africa. And from then until the 1850's a sprawling area labeled Great American Desert was shown on many maps of North America.

With opening of the Territory to

settlement, groups interested for political reasons in the immediate emigration of settlers found it necessary to change the idea that the plains comprised a desert region, replace it with more favorable information; also to present the most practical ways of reaching the new country. Thus some of the early publications on Kansas covered a wide field, ranging in contents from flights of fanciful description to such everyday matters as what not to eat on a Missouri river steamboat.

**An Excellent Subject**

Description of surface and scenery was calculated to fire the most sluggish reader with a desire to move to the West. It was a day of effusive writing and Kansas was an excellent subject. Its striking and varied beauty was set forth in terms as lush as its prairie grasses. Writers complained of poverty of language when attempting to translate the amazing scene into words. Here in a statement in the Kansas guide-book of Redpath and Hinton (1859):

"Eastern Kansas (from the Missouri river to 75 miles beyond Fort Riley) is the garden of the Union. It is unsurpassed, nay, unequaled, in beauty west of the Allegheny Mountains. It presents an unbroken succession of gently undulating prairie ridges and valleys, with occasional hills of considerable height, the sides of which are smooth and beautiful as if they had been carefully cultivated by the skillful hands of art and wealth. From their summits may be seen the most lovely landscapes, interspersed, at frequent intervals, with running streams and rivers fringed with forest, and these adjoining table-lands, dells, and alluvial bottoms of great and inexhaustible fertility.

The exceeding clearness of the atmosphere enables one distinctly to see objects 20 miles distant. The prospect never wearies.

"In the spring, the prairie is studded with the most beautiful wild flowers, which, however, as the season advances, give place to coarse, unsightly weeds. The luxuriance of the vegetation is almost incredible to a person accustomed to the agricultural products of the East alone. We have seen grass in the bottom-lands nearly 12 feet high."

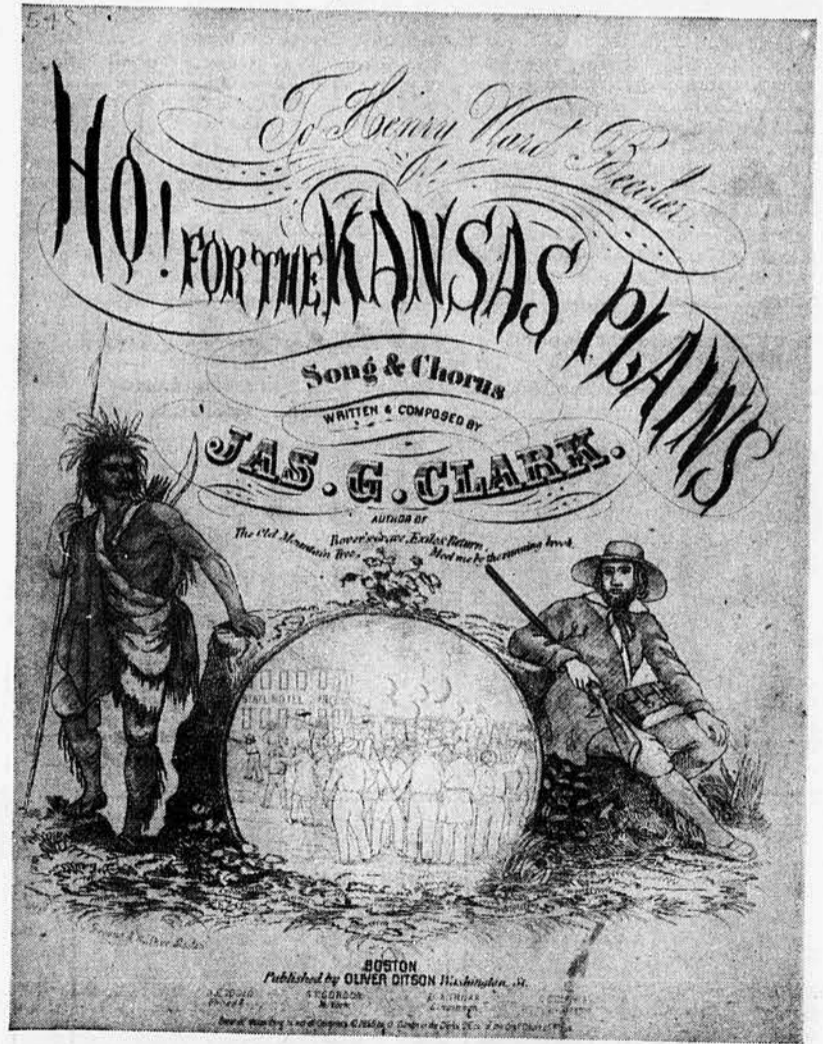
A circular of the National Kansas Committee (1857) for the information of emigrants offered this: "The scenery (of Kansas), tho less varied than in rugged and mountainous districts, is exceedingly picturesque and beautiful; the swelling surface of the prairie dotted with island groves; lofty table-lands overlooking great rivers belted with luxuriant forests, green flowery plains and vales of quiet beauty walled in by the eternal battlements of nature; bluffs and hills lifting their bold graceful outlines against the sky, everywhere delight the eye and redeem the landscape from monotony."

**"With Greatest of Ease"**

Statements about the soil, products, timber, water and mineral resources gave needed information to the prospective settler. He learned he could produce all cereals with the slightest culture; that hemp and Indian corn and every variety of fruit and vegetable known in eastern states could be grown in abundance; that tobacco and Chinese sugar cane were profitable crops; and that wild fruits were common everywhere. He learned that winters were attended with so little snow cattle could be kept without fodder in many parts of the Territory. Timber was not so abundant as could have been wished, but the amount had been underrated and by careful husbanding would meet all needs. Springs and rivers could be counted on to supply sufficient water, and coal would provide cheap motive power. Stone, brick clay and sand lay ready for builders. Fish leaped in the streams and tens of thousands of buffaloes and other game roamed the plains beyond Fort Riley.

The climate was described as favorable and the air as remarkable for dryness and purity. Settlers from the North were said to enjoy the short, mild winters and to find the heat of summer not only endurable but pleasant because of the breezes which swept the prairies. Admittedly, the winds at

(Continued on Page 25)



**EARLY-DAY SONG:** This is a picture of the cover on an early-day song. It reads: To Henry Ward Beecher. Ho! for the Kansas Plains. Song & Chorus written and composed by Jas. G. Clark, author of Rover's Grave, Exiles Return, The Old Mountain Tree, Meet Me by the Running Brook. Designed and engraved by Greene and Walker, Boston. Published by Oliver Ditson, Washington St. Entered according to act of Congress 1856 by Ditson in the Clerks Office of the District Court of Mass.



certain seasons were fierce and bitter, but conditions were generally pleasant and conducive to health. Absence of swamp land and stagnant water was noted by the National Kansas Committee whose circular stated that the settler could expect a healthy climate, and that he would find himself "rejuvenated, old complaints gone, and endowed with a fresh fund of constitutional vigor. Let him," advised the committee, "build his house on the uplands, dig his well if he cannot get spring water, eat, sleep and bathe regularly, avoid the poisoned alcoholic drinks of the West, and he will come out right."

Max Greene, in his *The Kansas Region* (1856) felt constrained to tell the truth about the climate as he had observed it. He wrote: "As to the emigrant's bugbear of fever and ague, there is some of that; but no danger of shaking to pieces." He added to this comforting assurance the information that Kansas was a favorite resort for consumptives. "If for the pulmonary patient there be no sanitary power in the fresh breezes of the buffalo hills, it is vain to hope for any good from the rocking of ocean, or the blandness of Italy. In its present wild state, its rough experiences furnish a sort of short-hand treatment peculiarly grateful to the rational invalid who is not tenacious of a miserable life. If it do not soundly cure—which it well nigh invariably does—it kills very soon; and that without posthumous distress of a doctor's bill." The quality of Mr. Greene's encouragement was somewhat strained.

Advice as to who should go to Kansas was quite definite. The following were urged to remove to the Territory:

### Ready for Baby Chicks?

If you are seeking reliable information on any or all of the following subjects, you will find it in the Kansas State College Experiment Station bulletin, "Poultry Management."

- Choosing a breed.
- Season for starting chicks.
- Incubation—natural and artificial.
- Feeding chicks.
- Brooder house.
- Disease and sanitation.
- Sexing chicks.

These and many other subjects of interest to the poultry raiser are given in this excellent booklet, which is free. For a copy please address Farm Service Editor, Kansas Farmer, Topeka. Order early as the supply is limited.

young men; poor men, especially the hard-working farmer dogged by debt; mechanics and artisans; young women to fill the demand for teachers, household and wives; and those predisposed to consumption since they were bound to recover health and the capacity for happy and useful lives. Redpath and Hinton listed those who should not go. Physicians, clergymen, lawyers, real estate brokers, gamblers, politicians and the like were urged to stay at home because the supply (in 1859) was bountiful. Edward Everett Hale, after writing a book in the interests of settlement, advised no person to go who was comfortably off at home.

Measured in time, the distance to the Territory from the eastern seaboard was 10 days or more by railroad and steamboat. Those who traveled with their teams, and there were many in the 1850's, could count on making 15 miles a day under favorable circumstances. By any route or mode of travel, Kansas was a long way off. To

## Coming Next Issue . . .

Starting in the February 4, 1950, issue of *Kansas Farmer*, Lela Barnes will tell you a great early-day story from the "Wells" letters. You will enjoy each article as much as you did the series on "This Was Life in Early Kansas."

More than 50 of the "Wells" letters were "briefed" to bring you this word-picture of the past. Each letter has been preserved with the realization that it is a valuable historical document.

assist the emigrant in his removal, rail and water routes were suggested with the principal cities of the East as starting points and St. Louis generally as the western terminal, the remainder of the journey to be made by steamboat up the Missouri to the mouth of the Kansas. Fare from any seaboard city was about \$50, altho the cost was somewhat less if travel arrangements were made with a settlement company. First-class travel was recommended for all who could afford it. It was indicated as absolutely necessary on the Missouri river steamboats, which were said to offer better accommodations to cattle than to deck emigrants.

### Swindling Was Common

Emigrants with families were advised to take a supply of food for the rail journey because of unreasonable charges at railroad restaurants, and the uncertainty of obtaining good food at any cost. Furthermore, swindling was common practice in some eating rooms. It frequently happened that the train bell rang for departure before the traveler had much more than started on his meal, and he was thus unable to eat all for which he had paid. The well-packed lunch basket was the answer to all this. Suggested articles of food were cured beef, bread, crackers, ham, cold eggs, and for Yankees, doughnuts.

Travel instructions included many hints for maximum comfort on the Missouri river boats. This trip was something entirely outside the travel experiences of most of those removing to the West. Attention was directed to the fact that inasmuch as fare included meals and lodging on board from the time of registration as a passenger, the emigrant was entitled to his living regardless of detention at any levee or time spent in pushing off one of the sandbars that frequently hindered navigation. So likely was this last named contingency, that the traveler was advised to purchase one or two pleasant books in St. Louis to relieve the tedium. A bottle of claret wine or a small flask of brandy was suggested as an aid in avoiding the ill effects of the river water. A better plan, even, was to take along a tin pail, jump ashore whenever the boat stopped to "wood up" or discharge freight, and obtain water from nearby wells or springs. Special warnings were issued against the temptation to gormandize at table.

### Transportation Was Available

Upon arrival in Kansas City, vehicles were available for the last stretch of the journey to Lawrence, Topeka or other sections of the Territory. Those intending to farm were advised to purchase work teams there and use them for transportation of baggage. Boats plied the Kansas river for a time, but navigation of that stream was not successful.

What to take was a subject of utmost importance. Needs varied, of course, according to the intention of the emigrant, the time of his departure and his destination. He was advised, generally, to come without articles of great bulk such as household furniture, stoves (unless they could be taken to

pieces), and implements of husbandry. These could be purchased in Kansas City or in towns of the Territory. By purchasing at this end, the emigrant avoided some of the costs and complexities of shipping. Sleighs were to be left behind because there was little snow. Mechanics and artisans were advised to bring their tools in order immediately to begin work on arrival. Abundant bedding and stout garments—for service, not show—were recommended, also the choice and smaller articles of household equipment. Only trunks of strongest construction were practical. Redpath and Hinton suggested throwing them from the top of a three-storied house to determine their fitness for the journey. If they were uninjured by this simple test, they were suitable for the trip to Kansas. Garden and fruit seeds, cuttings and roots of trees and shrubs were desirable items which would repay all effort expended

in transporting them. Every man was advised to provide himself with means of self-defense. Colt's pistols were suggested as the most desirable side-arms. Sharps rifles were also recommended, but bowie knives were listed as equipment for ruffians only.

Included in all guides, of course, were instructions for acquiring title to land. Also given were details of costs for opening farms. Breaking cost was \$2.50 to \$4 an acre; rails \$2 to \$3 a hundred; sod fence 30 to 40 cents per rod; stone fence 80 cents to \$1 a rod; hedge set, 32 cents a rod. Timber sold from \$25 to \$30 per thousand, half the cost being in sawing. Working cattle sold from \$80 to \$100 per yoke; horses from \$75 to \$100 each; mules from \$100 to \$200 per head.

The settler was assured of a market. Constantly arriving emigrants could be counted on to absorb all surplus for a time, and there was the trade along the California and Santa Fe trails requiring animals and supplies. Also, the Government was purchasing heavily for the western posts.

From the beginning there were churches and schools and later, libraries in the Territory, and the emigrant was assured of means to a life of wide horizons.

This was the picture of Kansas in the literature of the 1850's. The stream of emigration would have moved inevitably to the country beyond the Missouri, but it is possible that writers of this early day publicity should be credited with hastening the flow.

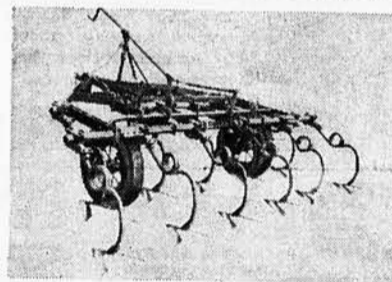
### FIELD TESTS PROVE ADVANTAGES OF STUBBLE MULCH METHOD OF SEED BED PREPARATION FOR PLANTING AND SEEDING



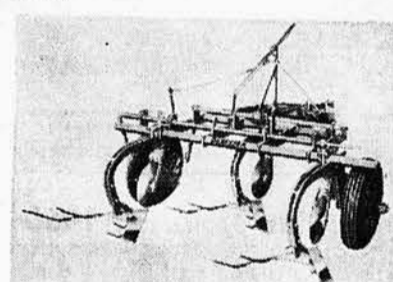
*Dempster Combination Carrier with its many attachments is designed for the stubble mulch method of farming.*



Future production of our soil will depend almost entirely upon the treatment we give it. Saving the top soil, storing and conserving moisture where it falls are important. The Dempster combination carrier when equipped with 30" flat sweeps penetrates the ground at the desired depth, leaving residue on top, increasing water-holding capacity in the seed bed, checks evaporation and lessens soil blowing or washing. Ask your Soil Conservation Supervisor about the stubble mulch method.



**FIELD CULTIVATOR** Spring Tooth Attachment can be supplied in either 8', 10', or 12' size . . . may be equipped with either regular 16" sweeps or 2" x 10" double point shovels.



**TILLAGE ATTACHMENT** consisting of three 30" friction trip sweeps, shaker bars and rolling coulters. Also can supply in five sweep. This attachment has ample clearance for handling heavy stubble.



**WHERE SEED BEDS** are prepared leaving residue on top, the No. 120 Drill Attachment places seed below the mulch and presses it firmly, leaving ground in condition to hold moisture with little danger of soil blowing.



**NO. 120 9' 12" spacing Deep Furrow Drill** attached to No. 100 Carrier equipped with press wheels. Double hitch can be supplied for pulling two units.

Other attachments available for the No. 100 Combination Carrier include two and four-row listers, deep chisel attachment, stalk cutter attachment and a two and four-row knifing attachment for cultivating lister crops. See your Dempster Dealer.

**DEMPSTER MILL MFG. CO.**  
BEATRICE, NEBRASKA

## To Name Master Farmers

**T**HE 1949 class of Master Farmers will be announced over Radio Station KSCA, Manhattan, at 12:30 o'clock noon on Friday, February 3. All 5 men selected for the honor will be interviewed on the radio program by Dick Mann, associate editor of *Kansas Farmer* and secretary of the Kansas Master Farmer group.

Members of the new class will be honored at a recognition banquet at the Kansas State College cafeteria that evening. Milton S. Eisenhower, president of the college, will be the principal speaker. Raymond H. Gilkeson, editor of *Kansas Farmer*, will present the new members with their Master Farmer certificates and gold medals.

There have been 18 classes of Master Farmers since the project was started by *Kansas Farmer* magazine in 1927.

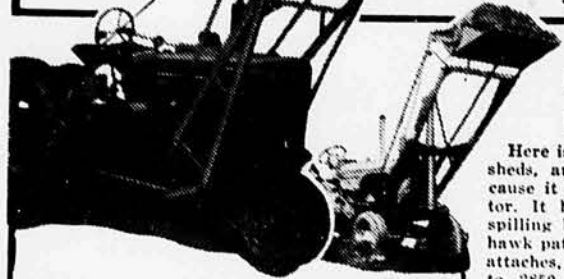
# "I AM MORE THAN PLEASED"

Fits More Than 60 Row Crop and Wide Tread Tractors. Others Being Added.

## WITH MY Jayhawk

### HYDRAULIC LOADER"

Says New York Farmer



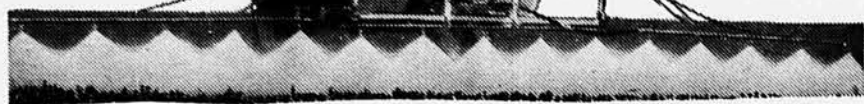
#### "I Find It the Most Useful Implement on My Farm"

Here is a loader you can use in barns, sheds, anywhere a tractor can go, because it has no framework above tractor. It handles capacity loads without spilling because it has the famous Jayhawk patented automatic load leveler. It attaches, detaches in 3 minutes, is tested to 2850 pounds, costs less than any comparable machine.

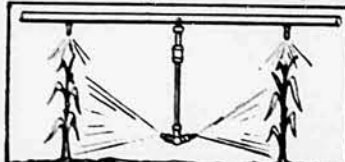
These are the outstanding reasons why Jayhawk is America's Best Hydraulic Loader Buy! Other features at left. Write for FREE LITERATURE, low prices . . . today.

Simplified, more practical design. No cables, clutches, gears, chains, pulleys, belts. Has single, oversized, precision machined cylinder. Stresses, strains, other vital factors allowed for with generous margin of safety. 3-way bulldozer, snow scoop, sweep rake and 20-foot hay crane attachments at low cost.

## NEW LOW COST Jayhawk FIELD SPRAYER



### For Easy, Less Expensive Insect and Weed Control



Here is a simplified, easily operated, easily controlled field sprayer at a money saving price. Yet Jayhawk has everything you want . . . power take-off drive, oversized bronze gear pump, 9-way control from driver's seat, adjustable boom heights, many other features. Included are oversized strainer surfaces, senior size nozzles with non-drip check valves, self aligning boom hinges, universal hitch. Hand boom for cattle, garden, trees, available. Other advantages fully described in big FREE CIRCULAR. Write for it and low price . . . today.

Jayhawk "drops" are flexible, have double swivel connectors that permit each nozzle to be set independently in 280 degree arc.

## "I'M 100 PER CENT FOR THE

### IMPROVED AUTOMATIC Jayhawk" Says a Missouri Owner

IT SWEEPS . . . LOADS WAGONS . . . STACKS

The Cheapest Way to Put Up Hay  
One man and a Jayhawk can handle an entire crop alone . . . sweep from swath, windrow, bunch; build stacks 25 feet high. Jayhawk also handles combined straw, soy beans, any other forage crop . . . feeds livestock, fills barns, hay sheds, has many other uses. Jayhawk costs little, pays for itself on 10 acre field. Write for FREE LITERATURE . . . today.



#### Your Choice of Hydraulic or Mechanical Operation

Fits any tractor, truck or jeep. Attaches, detaches in 2 minutes. Carries load on its own wheels. Won't upset tractor. Works in the wind and on rough ground. Places hay anywhere on stack.

THE WYATT MFG. CO., INC. JAYHAWK FARM IMPLEMENTS SINCE 1903  
811 5th STREET SALINA, KANSAS

Plan Now For 1950

## KOROK SILO

EARLY ORDERS Rate Construction Preference

If you want your silo up next spring—you'd better let us know now. Grass silage comes early—and there's nothing better than a KOROK for preserving any crop. Send for free booklet.

INDEPENDENT SILO COMPANY  
77 Vandalia Street • St. Paul Minnesota

## KILL Corn Borers

By PACKING Ground Firmly After Plowing Stalks Under

It pulverizes, mulches and firms soil. It does not uncover corn stalks, therefore smother corn borer millers in the ground. Saves time, labor and horsepower preparing ideal seedbed. Leaves surface mulch without grooves, which greatly helps to prevent washing. This seedbed conserves moisture, saves seed because more of the seeds grow; and helps to increase yields of all crops. Great also for rolling in clover and grass seed and breaking crust on winter wheat in spring. Find out why it does the work so much better, easier and faster. Be sure you get the genuine WESTERN. Write for catalog and freight-paid prices direct to you.

Western Land Roller Co., Box 914 Hastings, Nebr.

## play safe — get a proved sprayer

### get YELLOW DEVIL

Model 20 with the familiar yellow boom

Be sure your new low-gallonage sprayer will put the spray where you want it . . . be easy to handle . . . control dosage to protect the crop . . . stand up for years.

Hundreds of farmers have proved that quality-built Yellow Devil does all this — and more. See your dealer or write for free booklet, showing new models with direct drive pumps.

THE ENGINE PARTS MANUFACTURING CO.  
DEPT. 241 1360 WEST 9TH ST. CLEVELAND 13, OHIO

## YELLOW DEVIL — NEW NAME FOR A FAMOUS SPRAYER

## Demand Fair Farm Prices

### At Annual State Board of Agriculture Meet

ROY FREELAND is the new secretary of the Kansas State Board of Agriculture. He was named to that position at the conclusion of the annual meeting of the group in Topeka January 11 to 13.

Mr. Freeland, eminently well-qualified for the job, served as assistant secretary 5 years under J. C. Mohler. Secretary Mohler retired after 36 years of service in that capacity and a total of 57 years with the State Board. (For more about Secretary Freeland, and the job the Board of Agriculture does, see page 16, in this issue.)

New president of the state body is Elmer McNabb, Pleasanton. He succeeded Herbert H. Smith, Smith Center. Mr. McNabb was vice-president last year. Moving up from treasurer to vice-president is M. E. Rohrer, Abilene. New officer named was Walter A. Hunt, Arkansas City, who became treasurer of the State Board.

### Name New Members

Two new members were named to the state board during the annual meeting. E. E. Erhart, Stafford, replaced Herman A. Praeger, Claffin, from the fifth district, and Lew Galloway, Wakeeney, was named to fill the position in the sixth district vacated last spring when William Wegener, formerly of Norton and now of Hutchinson, resigned.

Re-elected to their positions on the state board were Perry H. Lambert, Hiawatha, first district, and William Condell, El Dorado, fourth district.

Thru resolutions adopted at the annual meeting, the State Board of Agriculture went on record as favoring farm prices which would give agriculture an equitable share of the national income. They also favored government price supports sufficient to prevent collapse of farm prices or wild and unwarranted fluctuations in the prices of farm commodities.

Other recommendations made by the State Board included a suggestion that the federal budget be balanced by the present Congress thru curtailed expenditures rather than increased taxation. The board encouraged further expansion of rural electrification services. Urged that long-range state highway plan be carried forward.

The board recommended increased action in soil conservation. It seeks better co-ordination between the various agencies concerned with flood control, soil conservation and the farmers.

This group wants in the not too distant future all upland farms properly terraced and contour farmed, sufficient farm ponds constructed, adequately supported by needed flood-control dams at strategic sites. Inserted in this resolution was the suggestion that each strategic site have the endorsement of the Board of Agriculture.

A Kansas land-capability survey was recommended, with the completion date set for 1956. This group also went on record in favor of a compulsory liability-insurance law for motor vehicles. As a pattern for such a law they recommended a study of the model bill approved by the National Highway Users Conference.

### Ask Uniform Dairy Laws

Dairying and dairy products also came in for some recommendations. In the first place the Board wants uniform dairy laws, regulations and inspection services in the various states, and elimination of dual inspection of dairy products within the state. Then on the controversial butter-margarine question the Board favored repeal of the federal excise tax on vegetable-oil substitutes for butter and prohibition of sale of butter substitutes colored yellow or in imitation of butter. (See page 4 in this issue for probable Congressional action on this subject.)

Similar recommendations were made for ice-cream substitutes, opposing manufacture and sale in this state of any vegetable-oil substitute made in imitation or semblance of ice cream.

Further study of brucellosis control by the state livestock sanitary commissioner was suggested. The Board urged immediate studies regarding insect infestation of stored grain in the state, and an improved federal crop-reporting service which would make forecasts and reports on crops twice a month instead of once a month at appropriate intervals in the season.

Along the line of marketing, the Board urged an active program under the Kansas Marketing Law enacted by the 1947 Legislature. It especially urged encouragement for use of grades and standards in buying and selling agricultural products.

Speaking a word of appreciation for the work of Kansas State College, its Extension service and the Experiment stations, the Board urged increased state appropriations for research studies in the fields of soil fertility, crop quality and soil testing.

## New Fair Success Due to 4-H Clubs

INCREASING importance of 4-H Club participation in county fairs was stressed at the annual meeting of the Kansas Fair Association in Topeka, January 10 and 11. According to those attending the meeting 4-H Club exhibitors are responsible for bringing back the tremendous popularity of county fairs.

Everett Erhart, of Stafford, was elected executive secretary and treasurer of the association, replacing R. M. Sawhill, Glasco, who is retiring after 12 years on the job. Guy W. Webster, Newton, was advanced from vice-president to president and John Keas, Effingham, was elected vice-president. Dr. V. L. Partridge, of Coffeyville, is retiring president.

New directors elected are John Morse, Mound City, second district, and Lloyd Hittle, Winfield, third district. Re-elected were D. Linn Livers, Barnes, first district; Emery Fager, Overbrook, fourth district; Louis A. Baker, Hardtner, fifth district; and L. H. Galloway, Wakeeney, from the sixth district.

of 195 cows (106 Holsteins and 89 Jerseys) with the grades assigned to them on the basis of veining on the udder surface, the size and length of abdominal veins, and size of milk wells. They found no significant relationship between any of these mammary characteristics and the milk-producing capacity of the cows.

### Senator Capper on Radio

Every Sunday afternoon at 3:30 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

## KANSAS FARMER

Continuing Mail & Breeze  
Topeka, Kansas  
Vol. 87, No. 2

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### Not Enough Milk Dairymen Are Told

KANSAS dairymen, dairy products manufacturers and distributors heard some of their main problems discussed during the annual meeting of the Kansas State Dairy Association, which was held in connection with the Kansas State Board of Agriculture meeting, in Topeka, January 11-12-13.

Prof. W. H. Martin, president of the group, pointed out that the dairy industry still isn't producing enough milk and dairy products to meet all nutritional requirements of our people, but that it is producing more than the people are buying. He called attention to the large amount of dairy products purchased by the government and which is being held in storage.

Ted Yost, state weed supervisor, told the dairy folks that science now has the tools to control brush and weeds in pastures, and that much can be done to improve pastures, to help produce cheaper milk. He pointed out, however, that excessive weed infestation usually means the pasture has been abused. When the weeds are killed the pasture then must be properly grazed, he warned.

Glenn Pickett, state livestock sanitary commissioner, speaking on animal disease control problems, said farmers must first recognize the fact they have a problem, then must agree on a single program for control. Most of our control problems, he added, are due to farmers dividing up into groups with each group supporting a different control method.

P. D. Turner, manager of the Nemaha Co-op Creamery, was elected presi-

dent of the dairy group, and Nick Fennama, Winfield, was elected vice-president. Harry Dodge, Topeka, was re-elected secretary-treasurer.

New directors elected are Ed Hunt, Kansas City, representing milk distributors; John Brazee, Iola, representing milk manufacturers; Anker Sorensen, Topeka, representing cheese industry. Directors re-elected were Nick Fennama, Winfield, independent creameries; Willard Haskell, Topeka, ice cream manufacturers.

### 5-Yolked Egg

Dear Editor: For the last several issues we have read the articles about finding 3-yolked eggs which were very interesting.

For a number of years, we have found many double-yolked eggs and a very few times 3-yolked ones. This happened usually during the first few months when pullets started laying.

December 5, we were breaking eggs for breakfast and to our great surprise we found one large egg with 5 yolks, all 5 were perfectly formed. They were smaller than regular-size yolks, about the size of a quarter. Two of them were side by side, then 2 more below these in line and the fifth one in the middle of the 4. We still have them in our refrigerator.

This is our first year with the large English White Leghorns. Before this we had the White Rocks or the Austral Whites. Several years ago we also found a large double-shelled egg with 2 yolks and a cover of white between the shells. —D. F. Beeghly, Baldwin.

### Pitless Well Unit Free of Contamination

WELL pits, until recently the only means of tapping a well below the ground to avoid frozen pipes, have always been a problem to farmers. High original cost has discouraged some installations, but the major problem with a large number of well pits is the constant trouble of keeping them dry and clean.

All of these handicaps have been eliminated, it is claimed by the manufacturer, thru a new pitless well unit. The new equipment was suggested by the Wisconsin State Board of Health,

and developed by the Baker Manufacturing Co., Evansville, Wisc.

The Pitless Well Units fill the need farmers have felt for a long time, it is said, by substituting a simple unit that makes well pits unnecessary. The new units are said to be easy to install and service and are completely sealed.

Some advantages claimed for Pitless Well Units include: Installation cost of about half that for well pit; direct lift of unit for ease of maintenance; no chance for dirt or other contamination to enter well as the unit is sealed.



**SOLVES WELL PROBLEM:** This picture shows installed pitless well unit that cuts costs and eliminates possible contamination of water.

## ACCURATE SEEDING AT UNIFORM DEPTH



WITH MM Moline  
Monitor DOUBLE-RUN DRILLS

MM double run feeds will handle every variety of seed in even, continuous streams without bunching or skipping. Clogging is cut to a minimum even when dirty or trashy seed is used. Owners of MM Double-Run Feed Drills report that they get larger and healthier yields because Moline-Monitor Drills plant the seed accurately and properly. Tube holders are arranged so that operator can see the seed being delivered to the spouts at all times.

### SINGLE OR DOUBLE DISC OPENER HELPS ASSURE BETTER YIELDS

MM disc openers cut through trash and do a better job of uniformly covering the seed. MM disc bearings are famous for their long life and light running. MM delivery of the seed ahead of the disc bearing assures better covering. These features make MM Double-Run Drills the preferred drills for more uniform seeding.



Famous MM Single Disc Opener With Combination Opened and Closed Delivery.

Double-Run Feed Detail Shows How Grain Is Delivered Uniformly, Regardless of Quantity Being Sown Per Acre.

See Your Neighborly Neighborhood MM Dealer for Complete Facts on MM Modern Machines, Visionlined Tractors and Power Units.



**MINNEAPOLIS-MOLINE**  
MINNEAPOLIS 1, MINNESOTA

### The Livestock & Classified Departments

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

## ROAD GEAR

FOR OLD MODEL JOHN DEERE A OR B  
FOR FARMALL F-20, F-30 & REGULAR MODEL

### NEW Behlen GEAR BOX

Here it is . . . a real speed gear for these fine old tractors. Go 9 and 15 m.p.h. on your old model John Deere A or B with a New Behlen Gear Box. Two separate, additional speeds. On Farmall F-20, F-30, or Regular Model, you can do 14 to 15 m.p.h., or if you prefer, you can have 10 m.p.h. gear box for the F-20 or Regular Model. Installed with or without Lift-All Pump.



### For Farmall H or M—Useful Middle Gear

Equip your H or M for all 'round work. New Behlen Gear Box adds handy in-between speed of 10 m.p.h. Not too fast, not too slow for many field jobs. If you prefer, you can have 7 m.p.h. gear box.

Behlen Manufacturing Co., Dept. 708, Columbus, Nebr.



Close-up of Behlen Gear Box on John Deere.

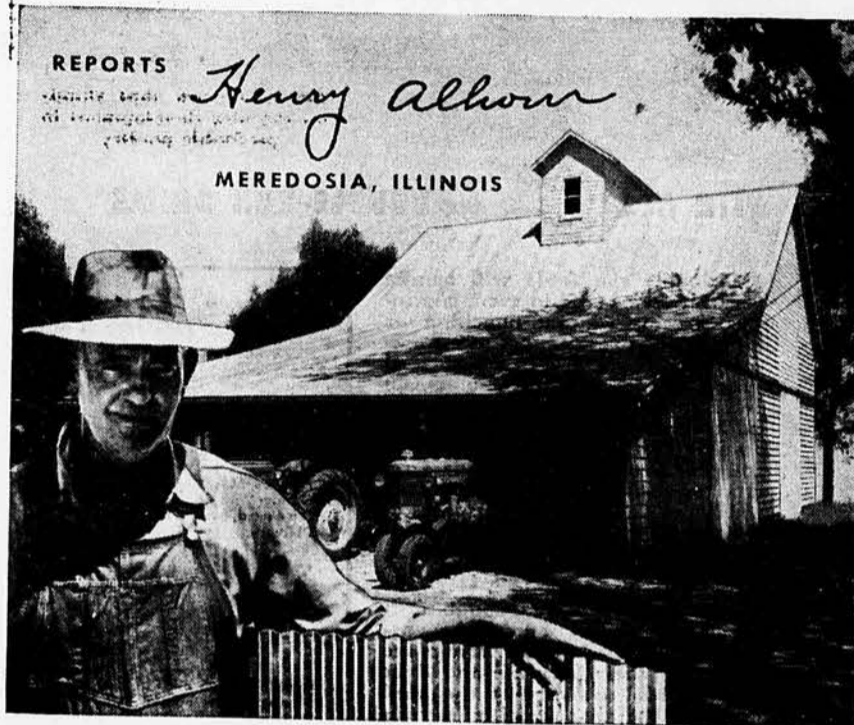
Write today for literature, where to buy. In writing, please indicate tractor you are interested in.

## Kansas Flying Farmers

(Continued from Page 5)

"I saved money with Strongbarn..."

—PATENTED ROOFING AND SIDING—



REPORTS

Henry Alhorn

MEREDOSIA, ILLINOIS

"The barn I just finished cost me less because I used Granite City Strongbarn corrugated roofing,"

says Mr. Alhorn, who farms 700 acres near Meredosia. "I not only saved money on the roofing, but I saved on lumber. And I have a stronger, better barn."

"So you see why I recommend Granite City STRONGBARN to any farmer. STRONGBARN is not only the best galvanized roofing—it costs less, too!"

**Strongbarn Galvanized Steel Roofing and Siding is Stronger, Better, Cheaper**

**STRONGBARN** is stronger than 26 gauge conventional roofing even though 21 lbs. per square lighter.

**STRONGBARN** is easy to apply. Because it is stronger and tougher, it wears longer and better.

**STRONGBARN** means tighter roofs and siding. It stays flat and even, with tight joints. That's why it resists winds that tear and buckle conventional roofing.

**STRONGBARN** saves you money because it is lighter. Also because Purlins and Girts in new buildings can be spaced further apart than required for conventional galvanized roofing and siding.

See your dealer or write

**GRANITE CITY STEEL COMPANY**

Granite City, Illinois

sight-seeing. Acapulco at one time was a famous port, the first on the Pacific side of the Americas. It since has become a popular resort.

From Acapulco the second group will return via airliner by way of Mexico City to Monterrey to join the first group.

These excursions to Mexico are valuable experiences for Kansas flying farmers. But these trips represent only a small portion of the actual activities of the rural flyers. It is just one of the ways Kansas flying farmers use their planes for fuller living.

Flying Farmers as an organization has grown up rapidly since the end of war. Main reason for that growth lies in the fact that farmers are learning to use planes. Each year the private plane is losing just a little more of its original luxury status.

### From a Small Start

Think back just 4 short years when *Kansas Farmer* magazine helped the rural aviators form their organization. At that organization meeting in Hutchinson in May, 1946, 131 farmer-pilots signed up as charter members of the original Kansas Flying Farmers' Club. With Alfred Ward, formerly of Johnson and now of Akron, Colo., as president, membership went beyond the 200-mark before the turn of the year. That seemed like a lot of farm flyers from one state. It was. Far more than any other state affiliated with the national organization could pull out of the sky.

The second year the organization was piloted by George Galloway, Wakeney. During those first 2 years main burden of the organization was to impress Kansans that farmers actually were flying airplanes. That they needed more places to land. Landing strips close to shopping centers. At the same time the group added another hundred or more members.

Ailiff Neel, Windom, was the third president. That year even more attention was given to development of facilities to aid the private flyer. Included were airmarkers, the road signs for the small-plane operator. That was the year of the first trip to Mexico. And another 200 or 250 members joined the organization, now known as Kansas Flying Farmers, Inc.

President of the Kansas Flying Farmers now is William Janssen, McPherson. In the last year these rural aviators have sealed close bonds of friendship among themselves. They have found they enjoy visiting one another. As a result there have been more fly-ins, breakfasts, get-togethers of all nature than ever before. Today, many flying farmers have close friends in nearly every Kansas county—not to mention other states. At the same time membership is up to about 800.

### Odd Jobs at First

But looking back, it is slightly amusing to review the many reasons which farmers had 4 years ago for owning an airplane. A few found them handy for checking cattle herds or "riding fences" from the sky. With planes, these ranchers made quick work of those time-consuming tasks.

Only 4 years ago machinery repairs still were in short supply. A combine operator in Kansas on occasion might be compelled to make a quick trip to Omaha or even farther away from the scene of his harvest operations. All that for one little piece of repair necessary to keep the machine going. Many found the airplane a timesaver under those conditions. And every timesaver during harvest is also a money-maker.

But honestly, looking back, we must admit that the personal plane on the farm only 4 years ago had little to offer toward actual farm operation besides rapid transportation.

About a year later we experienced the first real adaptation of the plane on the farm. Some enthusiastic aviators were beginning to use the plane for some odd jobs in agriculture, like seeding grass and legumes in rolling country not easily reached with ground equipment. Some places could not possibly have been reached with machinery.

Then 2 years ago we had our eyes opened. The airplane, specifically, the light plane, did a tremendous job in Kansas killing quick-growing weeds in thin wheat with new-found chemicals that were developed during the war. Due to a dry fall and poor seeding conditions, wheat in Kansas looked a little

weak the spring of 1948. Wheat was off to a slow start and weeds threatened in many localities to overtake it. But the use of 2,4-D changed the scene. By aerial application alone, 2,4-D was used to cover about 500,000 acres of grass and cropland in this state alone.

Birth was given to an entirely new industry in 1948—aerial spraying of croplands. The threat from weeds was much less severe last year. Even so, more than 1,000,000 acres were covered in 1949 by aerial spraying. And most of that acreage was in wheat. About 50,000 acres of sorghum were sprayed and more than 40,000 acres of pasture. Aerial spraying alone mushroomed into a 2-million-dollar industry in this state in 2 years.

Last year gave birth to a new use for the airplane on the Kansas farm—spreading nitrate fertilizers on wheat in the eastern half of Kansas. A year ago wheat fields were too wet to hold standard ground equipment. But the airplane didn't bog down. Flying from sodded fields and landing strips, yield-increasing nitrate was applied to wheat. Cost was a little higher than average rate for ground implements, but operators anticipate meeting standard prices very soon. And there even is a possibility that sometime in the future it will be cheaper to contract for nitrate application by aerial means.

### Beats Cankerworms

Here's another. The airplane is well established as the best tool to combat cankerworms by spreading with DDT. These worms have been a serious threat to the elm, Kansas' most popular shade tree. Municipalities have found trees can be sprayed at a cost of about 10 cents each by means of the airplane, in contrast to a cost of 25 cents with ground equipment. In addition to the cost factor, the airplane can cover a whole city in a short time. At the right time to get the most complete kill of cankerworms. There just isn't enough ground-spraying equipment available to control cankerworms effectively.

And cankerworms are not the only insect pests that can be controlled by aerial spray. The grasshopper took a sound licking last year in many places when the man-made bird swooped down from the sky. And the chemical was applied directly to the hoppers. They didn't have a chance to hop out of the way of the airplane.

Altho still expensive and not definitely established as a sound control, there is a possibility that the airplane eventually may help save the day for corn farmers. Corn borer made huge inroads last year. There is talk of using the plane to beat the borer. In another year there will be more evidence available on that angle. But aerial control of corn borers is being given serious consideration in other states. May be tried in Kansas, too.

We haven't heard of any Kansas farmers hooking their airplane to a plow. We don't really expect that to happen. But look what else has happened which we didn't expect. Just to be on the safe side, let's say we won't be surprised at anything any more in the realm of aerial-agriculture.

### Another Real Task

But there is another and very real task which the farm-owned airplane performs. It is bringing farmers in closer contact with far-away places. The two vacation trips are examples of that.

Kansas flying farmers are in a better position to experience and enjoy cultural developments away from home without taking too much time from farming operations. Because of the airplane, these farmers are in closer contact with the outside world. Even the most remote ranch is only a few minutes away from the big city. Thanks to the airplane.

The airplane is one of the modern improvements that is making the farm a more desirable place to live. There still is that air of freedom, independence in the farm home. But still, with the airplane, the farmer is close to the outside world. All of that plays a part in keeping the best farm-born boys and girls on the farm as they finish school and become men and women.

The airplane has become an accepted member of the farm-implementation family. The horizons of its future are unlimited. It looks like the airplane is here to stay on the farms of Kansas.

## Tax Repeal

(Continued from Page 4)

oleo tax repeal bill is not a certainty, altho it does look probable.

Cotton probably will get a revision of the quota allotment provisions of the 1949 "compromise" which will help the older cotton producing areas. Coupled with it may be the Hope (Kansas) provision extending the increased wheat acreage allotments, which as passed at the first session of the 81st Congress covers the 1950 wheat crop only. Both provisions have a good chance of passage, if cotton accepts the wheat (Hope) proposal to extend for another 2 years, or at least for one year. Oddly, the Hope amendment adopted last session helped the far Western Kansas counties, a few on the north tier, and Eastern Kansas, more than it did the counties in the Central Wheat Belt.

The complete breakdown of the Administration's foreign policy in the Far East, culminating in the complete desertion of Chiang-Kai Shek Nationalist government in China, apparently has broken down also the much touted "bipartisan foreign policy," and may make foreign policy and the Brannan Plan, plus of course Labor's insistence on repeal of the Taft-Hartley Act, main issues in the coming Congressional elections.

The net result, in the opening fortnight of this session of Congress, has been to enhance the standing of Sen. Bob Taft of Ohio in the Senate, and detract from the prestige of Sen. Arthur Vandenberg of Michigan, chief Republican exponent of the Administration's bipartisan foreign policy.

Following are excerpts from a Digest of Act (Agricultural Act of 1949), the law now in effect, put out by the Production and Marketing Administration of the Department of Agriculture, which is charged with administration of the Act; as applied to nonbasic commodities:

**Designated nonbasic commodities—**  
Wool (including mohair): Price support for wool (including mohair) is to be established at such level between 60 and 90 per cent of parity (calculated by the "new" formula) as the Secretary of Agriculture determines is necessary to encourage an annual production of approximately 360,000 pounds of shorn wool. (The House Conference Report states that wool and mohair may be treated as separate commodities in fixing the level of support, and that wool included pulled wool, as well as shorn.)

Tung nuts, honey and Irish potatoes: The support level is between 60 and 90 per cent of parity (new formula).

Whole milk, butterfat, and products of such commodities: Prices are to be supported at such levels between 75 and 90 per cent of parity (new formula) as will assume an adequate supply. Such support is to be provided thru loans on, or purchases of, the products of milk and butterfat.

**Other nonbasic commodities—**  
Price support for nonbasic commodities, other than the designated commodities, is permissive at any level not in excess of 90 per cent of parity. In determining whether support will be provided for any nonbasic commodity, and in fixing the level of such support, the following factors are to be considered:

1. Supply of the commodity in relation to demand.
2. Price levels at which other commodities are being supported and, in the case of feed grains, feed values of such commodities in relation to corn.
3. Availability of funds.
4. Perishability of the commodity.
5. Importance of the commodity to agriculture and to the national economy.
6. Ability to dispose of stocks acquired thru price-support operations.
7. Need for offsetting temporary losses of market exports; and
8. Ability and willingness of producers to keep supplies in line with demand.

In determining the level of support for undesignated nonbasic commodities, particular consideration must be given to the level of support for competing commodities.

So far as feasible, price support is to be made available to co-operators on any storable nonbasic agricultural commodity for which a marketing quota or marketing agreement or order program is in effect at levels not in excess of 90 per cent of parity and not less than the level between 75 and 90

per cent of parity called for by a sliding scale set forth in the act.

But the Secretary of Agriculture may provide for support at a lower level than that called for by the sliding scale if, after a consideration of the 8 factors listed, he determines it to be desirable and proper.

A commodity is considered storable if, in normal trade practice, it is stored for substantial periods of time and can be stored under the price support program without excessive loss or cost for such periods as will permit its disposition without substantial impairment of the price-support program.

At present, there is no legal authority to establish marketing quotas for nonbasic commodities, and the coverage of marketing orders is very limited. Debate in the House indicates that the House Committee on Agriculture will consider legislation which will authorize marketing quotas on nonbasic commodities and permit marketing orders (to be issued) with respect to additional commodities.

**Other price provisions—**  
Conditions of eligibility. The Secretary of Agriculture is given the right to condition eligibility of producers for price support upon compliance with acreage allotments, production goals and marketing practices, including marketing quotas when authorized by law.

Price support above 90 per cent of parity . . . if the Secretary determines after a public hearing that increased support is necessary to prevent or alleviate a shortage of a commodity essential to the national welfare or to increase or maintain the production of a commodity in the interest of national security.

**Forward pricing.** The Secretary is directed, so far as practicable, to announce the level of price support for field crops in advance of the planting season, and for other agricultural commodities in advance of the beginning of the marketing season.

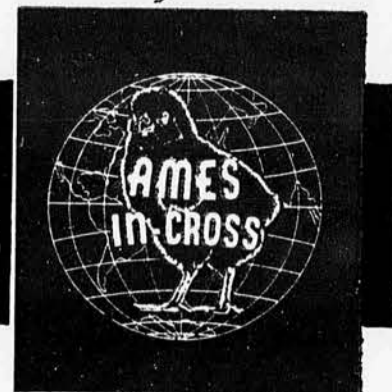
A "new" or "modernized" parity formula is provided which takes into account prices received by farmers during the most recent 10 calendar years or the most recent 10 marketing seasons . . . Parity prices as calculated with the new formula may not drop more than 5 per cent per year below what they would be as computed with the old formula . . . the transitional parity prices. Parity prices under the "old" formula are based on relationship between prices received by farmers for a commodity during a given base period (August 1909-July 1914 for most major commodities) and the index of prices paid by farmers for items used in living and production, plus interest and taxes.

The Bureau of Agricultural Economics has made comparisons of parity prices as computed with the old and the new formula. . . These comparisons, only for illustration and subject to revision, are as follows:

Illustrations of parity for specified commodities:

Commodity	Unit	"Old Formula"	"New Formula"
<b>Basic commodities:</b>			
Wheat	bu.	\$2.14	\$1.88
Corn	bu.	1.55	1.47
Cotton	lb.	.3001	.2810
Rice	bu.	1.97	2.27
Peanuts	lb.	.116	.0949
Tobacco			
Flue-cured	lb.	.463	.495
Burley	lb.	.448	.497
<b>Designated nonbasic commodities:</b>			
Milk	cwt.	3.87	4.41
Butterfat	lb.	.639	.704
Wool	lb.	.443	.502
Mohair	lb.	.666	.666
Tung nuts	ton		101.00
Honey, wholesale			
Extracted	lb.	.174	.170
Comb	lb.	.308	.293
Potatoes	bu.	1.77	1.61
Transitional parity price, potatoes, comb honey, \$0.293.			\$1.68;
Hogs	cwt.	17.60	19.00
Chickens	lb.	.276	.291
Eggs	doz.	.520	.459
Turkeys	lb.	.348	.365
Oats	bu.	.966	.829
Barley	bu.	1.50	1.22
Rye	bu.	1.74	1.55
<b>Grain:</b>			
Sorghums	cwt.	2.93	2.43
Flaxseed	bu.	4.09	4.31
Foybeans	bu.	2.32	2.55
Beans, Dry	cwt.	8.16	8.49
Peas, Dry	cwt.	5.08	5.61
Beef Cattle	cwt.	13.10	17.00
Transitional, Eggs, \$0.494; Oats, \$0.918; Barley, \$1.42; Rye, \$1.65; Grain Sorghums,			\$2.78.

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Ottawa—Shaw Hatchery  
Paola—Washburn Hatchery  
Peabody—DeForest Hatchery  
Phillipsburg—Sanford's Hatchery  
Pittsburg—Potter's Hatchery  
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**From a Marketing Viewpoint**

By H. M. Riley, Livestock; John H. McCoy, Feed Grains; Paul L. Kelley, Dairy Products; Joe W. Koudele, Poultry and Eggs.

*I have some fat lambs on wheat pasture weighing about 80 to 85 pounds. I have plenty of alfalfa hay and grain to carry these lambs a while yet. What are lamb prices expected to do in the next 30 to 45 days?—C. E.*

Lamb prices are expected to strengthen during the next month to 6 weeks. During the early fall the volume of lambs marketed was substantially less than a year earlier. Marketings increased in December and early January as many lambs were moved out of Corn Belt feed lots and off wheat pasture. A substantial proportion of the fed lambs probably will have been marketed by the end of January. Slaughter supplies are expected to decrease during February and March. Demand for lambs is being supported by a high level of consumer incomes. Some seasonal strengthening of prices seems probable during the next 30 to 45 days.

Lambs weighing more than 100 pounds have sold at sizable discounts in recent weeks. Discounts may be less pronounced as slaughter supplies decrease in volume.

*I will need to buy some corn for feeding next summer. When will be the best time to buy it?—R. H.*

Corn probably should be purchased before April. It is impossible to predict the exact time to make the purchase. Corn prices have advanced fairly consistently since the seasonal low at pick-

ing time, and it appears probable a temporary setback will occur between now and April. After that date there is a fairly strong seasonal tendency for corn prices to advance.

Conditions this year indicate prices will follow the seasonal trend. Large quantities are going under support provisions, exporting corn is fairly active and livestock numbers are increasing. While supplies are large it appears likely a tightening in the quantity available for market will be accompanied by higher prices in spring and early summer.

*What are prospects for cream prices in spring months?—F. T.*

Cream prices should be maintained somewhat at present levels in the near future. The USDA has announced the new support program for the next 15 months at virtually the same levels as the 1949 support program. However, producers should note that low-quality butter is not supported and, therefore, every effort should be made to produce high-quality cream.

*At what price will eggs be supported in Kansas this spring?—C. E.*

The U. S. Department of Agriculture's temporary program for January and February provides that driers must pay producers for all edible shell eggs they buy at certified farm prices averaging not less than 25 cents a dozen (minimum of 27 cents a dozen for eggs delivered by producers). Taking into account the normal price variations according to areas of production, the farm price for the spring months in the Midwest should average about 29 to 30 cents a dozen for that period.

**Saves Spring Pigs With Homemade Brooders**

**B**ROODERS helped save young pigs for Eichhorn Brothers, Labette county, last winter. They had 14 brooders located in their farrowing barn. With them sows averaged 8 pigs and more to the litter.

Their brooders are simple, homemade. Built in the form of a triangle, they fit into one corner of the farrowing pen. A light cage built on top the brooder holds a 150-watt bulb which is used for about one week after pigs farrow. Then the large bulb is exchanged for a 100-watt bulb which is used for several more weeks, depending on the weather.

The complete brooder is protected by a gate placed in front of it. Pigs have sufficient room to slip under the gate. At the same time it keeps sows from disturbing the light-and-heat unit above.

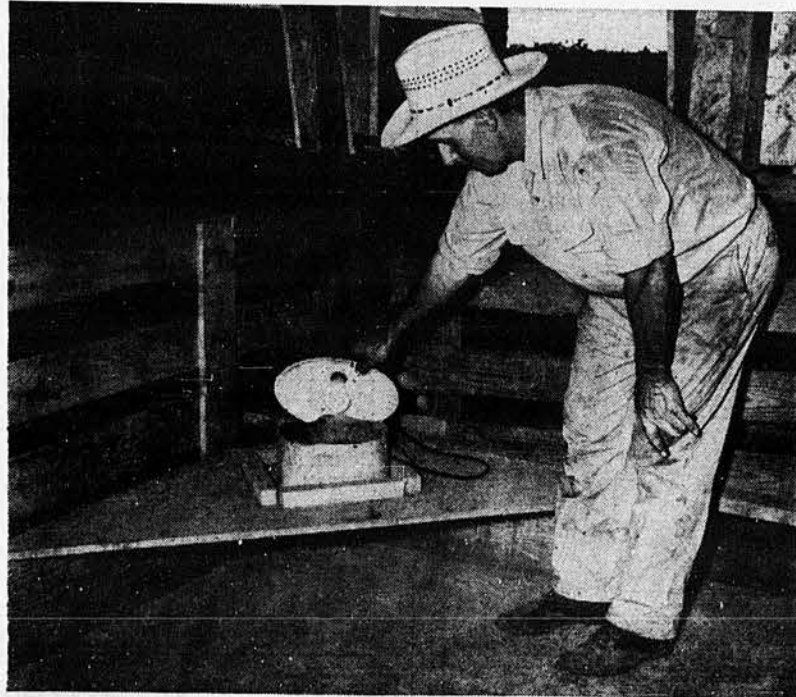
Pigs soon learn that under the light is the best place to be, says Russell Eichhorn. Except, of course, when the dinner bell rings. And, he noted, it is

almost uncanny the way a sow will lie away from the brooder so pigs need not move far from the warm area to nurse.

Eichhorn Brothers made use of electricity in another way, too, in their farrowing barn. Another light burned all night at feed troughs set outside the individual pens. Little pigs were able to slip from the pens day or night thru special slots to reach these troughs. And they made good use of them at an early age. That early-eating habit helped get those porkers to market at an early age.

Most of the pigs on the Eichhorn farm were farrowed in mid-February. With brooders it is no trouble to farrow during the coldest months. And those are the pigs that have the best chance to hit the peak of the market.

Twenty sows were farrowed on the Eichhorn farm last spring, 25 were farrowed in the fall. If a larger herd is kept for this spring, chances are that more pig brooders will be built. Eichhorn Brothers are sold on them.



With protective gate removed from in front of a pig brooder, Russell Eichhorn, Labette county, lifts the lid of the heating unit to show its simple construction. The light is protected from the lower side by hail screen. Upright side pieces of this brooder are 1 by 12's, 3 1/2 feet long. The top is cut from 1-inch material. Lower board of protective gate, which fits across the front, is set flush with the edge of the cover boards.

**"Freed from NERVOUS WORRY"**

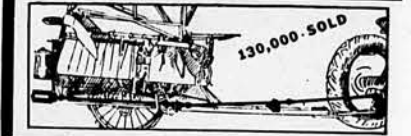
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WRITE FOR FREE FOLDER TODAY

# What Speakers Said

## At Annual Kansas State Board of Agriculture Meet in Topeka, January 11 to 13

HERE are highlights from talks made at general sessions of the Kansas State Board of Agriculture meetings held in Topeka, January 11 to 13. (See page 26 for resolutions passed at these meetings.)

Governor Val Peterson, of Nebraska, speaking on the Missouri River Basin Development Plan, said we must conserve the soil and water of the basin area to insure future prosperity of the states in this area. He told farm delegates the way to do this is thru the Pick-Sloan plan of river basin development. "Returns from money spent on this plan will be \$1.60 for every \$1 spent," he said.

Benefits from the plan, Governor Peterson explained, would include flood control, soil conservation, recreation, additional power, one million acres brought under irrigation, navigation

on the Missouri river that would save 6 cents transportation cost on every bushel of grain shipped out of the adjoining states, a better balance between industry and agriculture in the area and increased population.

J. B. Fitch, chief, division of dairy husbandry, University of Minnesota, said dairy farmers and breeders of purebred dairy cattle are faced with more uncertainties than in any other period of time in this generation.

He listed the following: Amount of dairy products now in storage; effect of pending national and state legislation on oleomargarine; wide spread in milk prices over the U. S. for no apparent reason; present trends in dairy cattle breeding and introduction of new breeds and cross-breeding of dairy breeds; reduction in sale of bull calves resulting from spread of artificial insemination; a declining market for milk and dairy products.

### "What We Want"

O. B. Jesness, chief, division of agricultural economics, University of Minnesota, talked on, "What We Want from a Farm Program." He had this to say on price support:

"High price supports call for effective controls of output and for programs of disposal. If price levels are supported above the price consumers will pay they have 2 bad effects—they discourage consumption and encourage production.

"If we maintain grain prices at an arbitrarily high level we also must erect barriers to keep products from being shipped in from other countries. This puts us in the position of trying on one hand to promote world peace while on the other hand shutting off trade by which it might be accomplished. Farm organizations might do well to give careful consideration to the possibilities of throwing their weight on the side of rendering service to the common good rather than to seek special gains of agriculture."

### Heavy Weevil Loss

Jess B. Smith, president, Kansas Wheat Improvement Association, said: "Weevil infestation of farm-stored wheat from the 1948 Kansas crop amounts to more than 8 million dollars in losses and another 6 million dollars for the 1949 crop. Kansas wheat so infested is being heavily discounted on the market, and flour made from such wheat is being condemned by the Federal Food and Drug department.

"A state-wide permanent committee has been formed to organize a state-wide campaign of education to get rid of weevil infestation. It is estimated one cent a bushel for weevil control can save 5 to 10 cents a bushel."

### Honor Two Kansans

Dr. Ned Dearborn, president, National Safety Council, Chicago, outlined 6 lessons on safety for each individual to follow. They were: Be careful, the life you save may be your own; be practical, help the other fellow act safely, too; be positive, negative safety is second-rate safety; be sensible, use common sense to save dollars and cents by helping prevent costly accidents; be co-operative, don't fail to support accident prevention work thru donations of your time and money; be

a good American, safety may not always be a legal requirement, but it is always a moral obligation.

Following his talk, Doctor Dearborn presented National Safety Council Awards of Merit for Distinguished Service to Farm Safety to Senator Arthur Capper and J. C. Mohler, who just retired as secretary of the state board of agriculture. Senator Capper and Secretary Mohler are 2 of only 4 persons in the United States to receive these awards.

### Have 2 Plans

Dr. C. F. Clark, chief, veterinary surgery, Michigan State College, said: "Michigan is working under 2 county plans on Bang's disease control. One is a test and slaughter plan, where both federal and state indemnities are paid on reactors and reactors immediately removed. This plan is being used in the northern half of the state which has only about one fourth of the cattle in the state.

"The second plan is a testing, calf-hood vaccination and deferred slaughter plan, where the owner is permitted to keep reactors under quarantine. In lieu of paying indemnities the State Department of Agriculture vaccinates all calves without charge and owners are permitted to keep their reactors if they so desire until they can grow their own vaccinated replacements. This plan is used in the south half of the state which has three fourths of Michigan's cattle.

"When infection is reduced to less than 1 per cent in the cattle of a given county and down to 5 per cent of the herds, the county becomes accredited. All 83 of Michigan's counties have voted in favor of the program outlined for their locality. In the northern counties 43 now are on an accredited basis, 13 counties have been accredited in the southern part of the state. The program began in the north and is being developed now in the south.

"Michigan has a state appropriation of \$175,000 a year for Bang's control, which may be used either for indemnities, vaccination work or personal service at the discretion of the director of agriculture."

A new vaccine, Brucella M, is being

used by farmers in Michigan, Doctor Clark pointed out. It was developed by Doctor Huddleston, nationally prominent in that field. Brucella M has this advantage, animals will "clear" faster than with Strain 19. Even mature animals vaccinated with Brucella M will clear eventually and the cow will show a negative test within 60 or 90 days, it is claimed. Brucella M has not been approved for use outside of Michigan as yet.

Discussing the corn borer problem, D. A. Wilbur, of Kansas State College, pointed out that infestation of European corn borer was noticed in only 1 county in Kansas in 1944. But it increased rapidly. Last year European corn borer was seen in 75 counties.

### Even More Dangerous

But probably more dangerous even than the European borer is the southwestern borer. This borer practically eliminated corn in the south central section of the state in a few years. There were 175,000 acres of corn in those counties south of the great bend of the Arkansas river in 1943. It dropped to 80,700 the following year because of the borer. Last year there were fewer than 20,000 acres of corn in that area.

As controls for the borer he listed the following: Plant the best varieties of corn adapted in individual communities; varieties that have some resistance to borers. Destroy overwintering borers by clean plowing, raking and burning or by shredding the stubble. Refrain from early planting to escape the first generation borers. He pointed out they definitely like tall corn. Finally, follow a spray program.

Professor Wilbur expressed doubt that spraying will be necessary in Kansas in 1950. However, if it is, he suggested following the program developed in Iowa by Iowa State College. That is, spray when 50 egg masses per 100 plants are found on corn that is at least 35 inches tall. For second-generation borers the number of egg masses is increased to 100 for each 100 corn plants.

Altho ground spraying has proved more effective, Professor Wilbur indicated there is a definite place for aerial spraying, too.



## "I GET BUYERS with KANSAS FARMER advertisements"

Joe Hunter of Retnuh Farms, Geneseo, and one of Kansas' most successful breeders of price cattle relies on Kansas Farmer. He says there's nothing like it for bringing in buyers, rather than just inquirers.

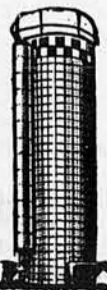
Hunter is 3-time President of the Kansas Milking Shorthorn Association, a national director of the American Milking Shorthorn Society, a Rice County Commissioner, and a Kansas Farmer booster.

The testimony of Kansans, such as Joe Hunter, is strong evidence that may well guide the advertising of other Kansas stockmen, the proof of the pudding. For information, write Mike Wilson, head of Kansas Farmer's livestock department.

**KANSAS FARMER**  
912 Kansas Topeka

## SALINA Concrete Stave SILOS

Built to Last a Lifetime  
Better built, latest in design. Constructed of heavy, power-tamped steam-cured staves, joints distributed. More all-steel, air-tight, hinged doors save labor. Inside finish troweled on, plus protective coating. Salina Silos have been giving perfect satisfaction for 37 years.



Write today for Free Folder  
**SALINA CONCRETE PRODUCTS CO.**  
SALINA, KANSAS



"Well, to be quite frank—I caught it in a minnow net and nursed it in the bathtub for 7 years."



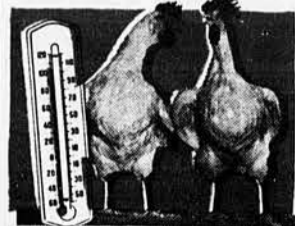
# Hy-Lines ARE MORE RESISTANT TO COLD WEATHER LAYING SLUMPS

Hy-Lines are more resistant to cold weather slumps in egg production than standard-bred farm flocks. When temperatures fall below zero, Hy-Lines generally continue to lay profitably. Prolonged "cold snaps" often throw standard-bred farm flocks into serious production slumps. Hy-Lines' ability to lay steadily, regardless of weather conditions, makes an important difference to your pocketbook. For the year, Hy-Lines generally produce 2 to 6 dozen more eggs per bird than standard-bred farm flocks.

### HY-LINES ARE BRED LIKE HYBRID CORN

Hy-Lines lay more eggs under all sorts of weather conditions because they possess hybrid vigor. They are produced by crossing superior inbred lines like hybrid corn. Hy-Lines' high egg production ability is thoroughly tested on Hy-Line testing farms located in five states. Their performance figures are also based on records made by customers and 5-year averages in the Illinois Egg Laying Test.

Learn More About These "All-Weather" Layers  
Send Today For Our 1950 Hy-Line Chick Catalog.



WHEN TEMPERATURES SOAR Hy-Lines keep laying profitably. They do not slump in production seriously when hot weather hits.

Place Your Order Now for Hy-Line Chicks

Hy-Lines sell out every year. Be sure to order right away.



## J. O. COOMBS & SON





Dual-Purpose CATTLE

POLLED MILKING SHORTHORN BULL

For sale. Retnub Monarch QMX 2287001, dark red, 5 years old, a sure dehorner, good disposition, sure breeder, sire of outstanding calves.

Phone 128F2 Write or Visit DIAMOND "A" FARMS Dwight Alexander, Geneseo, Kan.

Milking Shorthorns FOR SALE

Bulls to serviceable age, out of R.M. Dams. Mostly roans in color. \$75.00 to \$175.00.

REGISTERED MILKING SHORTHORNS

Earling bulls, herd bull coming 3 years old, and some young cows.

OFFERING REGISTERED MILKING SHORTHORNS

Bulls of serviceable age, open and bred heifers and several young cows.

Dairy CATTLE

AYRSHIRES

MOST PROFITABLE COWS

Big Milkers Hardy Rustlers Good Grazers Perfect Udders

For Sale: Reg. Brown Swiss Bull

Tulo Kay's Superior Boy Born October 25, 1946

JOE RUDOLPH Milford, Kansas Phone 2222-13

BULL CALVES FOR SALE

We bred and developed the first and only Holstein cow in Kansas to produce 1,000 pounds of fat in 365 consecutive days.

REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type. Popular Bloodlines.

JERSEY BULL FOR SALE

20 months old. Grandson Longfields Jester of Oz. Very Good Superior sire.

HAUCIONERS

HAROLD TONN

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

BERT POWELL

1529 Plass Avenue Topeka, Kan.

KENNETH VEON, Auctioneer Livestock and Farm Sales—Ringman R.F.D. No. 1 Write for Sale Dates Smith Center, Kan.

Ross B. Schaulis, Auctioneer Purebred Livestock. Real Estate and Farm Sales. Ask those for whom I have sold. CLAY CENTER, KANSAS

Livestock Advertising Rates

1/4 Column inch (5 lines) \$3.00 per issue 1 Column inch..... 8.40 per issue



IN THE FIELD

MIKE WILSON Topeka, Kansas Livestock Editor

We have just received a very friendly and interesting letter from MR. AND MRS. J. T. MORGAN, of Densmore.

Hereford breeders of Sumner county have organized the SUMNER COUNTY PUREBRED HEREFORD BREEDERS' ASSOCIATION.

The KANSAS HEREFORD ASSOCIATION office is now located at the State Fair Grounds, in Hutchinson.

Demand for Herefords in their every day working clothes was very good and bidding was active at the VALLEY VIEW RANCH.

Demand for LINCOLN COUNTY HEREFORDS continued to be in evidence at their annual sale held at Sylvan Grove, November 16.

One of the Southwest's biggest bull sales will be held at Dodge City in February when 208 Hereford bulls, all yearlings and 2 year olds, go thru the sale ring.

The sale of the H. G. HEREFORD FARMS, owned by MR. AND MRS HOWARD GROVER, was held on their farm 14 miles north of Colby.

Several hundred Hereford breeders, farmers and friends filled the state pavilion at Council Grove, December 8. This sale was chosen by the MORRIS COUNTY HEREFORD BREEDERS.

The EARL A. JOHNSTON, Holstein sale held at Parsons December 22 was well attended and this bred sale made history for southeast Kansas.

PLANT CERTIFIED OATS SEED. For high yielding, heavy test weight combine oats with a maximum resistance to blight, rust and smut—plant Kansas CERTIFIED seed of NEMAHA • CHEROKEE • CLINTON

THE KANSAS CROP IMPROVEMENT ASSN. MANHATTAN, KANSAS

SEED CORN KANSAS CERTIFIED K2234 - K2299 (white) K1784 K1639 K1585 U. S. 13

CERTIFIED HYBRIDS. U.S.13 K1784 K1639 Non Certified C92 and Utz 100

Finest Quality—Carefully Graded CARL BILLMAN, Holton, Kan.

Kansas Certified Nemaha Oats Bulk \$2.25 bushel. Bagged and sealed \$2.45 bushel. 37 and up test weight.

LAMBERT & DICKERSON Hiawatha, Kansas

CERTIFIED NEMAHA OATS and CERTIFIED ALTUS SORGO ED VISSER, Riley, Kansas

WABASH SOYBEANS Have a limited supply of these new larger beans. Non-shattering. Larger yields.

Joseph L. Roser, Williamstown, Kan. Certified Atlas Sorgo, Germination 92%, purity better than 99.5%.

KANSAS FARMER Classified Advertising

WORD RATE 10c per word each issue. Minimum—12 words. Display Rate Column Cost Per Inches Issue

PLANTS AND NURSERY STOCK

Quick Bearing Fruit and nut trees, shade trees, grape vines, berry plants, everblooming rose bushes and flowering shrubs at money saving prices.

Offering registered blue tag seed of finest quality. This hardy, wilt resistant variety is our most profitable crop.

CERTIFIED CLINTON SEED OATS For sale. \$1.75 per bushel in new sacks. Germination 98%. Purity 99.55% Inert 29%.

REGISTERED BUFFALO ALFALFA SEED L. E. NELSON MANKATO, KANSAS

Kansas Certified Nemaha Seed Oats, \$2.25 bushel bulk; \$2.35 sacked. George Visser, Riley, Kan.

Certified Cherokee Oats, germination 97%, purity 99.50%, price \$6.50 per three-bushel sack.

Certified Ellis Sorgo, second prize Chicago International, sweet stalk, \$6.00 per cwt. sacked my station.

SEEDS Hardy Recleaned Tested Kansas Alfalfa Seed, \$24.60

Sweet Clover, \$12.60; Brome, \$7.00; Red Clover, \$27.60; Korean Lespedeza, \$4.15; Certified Buffalo Alfalfa, \$17.40.

Alfalfa, Highest Quality, \$22.80 bushel; Hardy Grimm Alfalfa, \$26.85; Alsike Clover, \$21.95; Sweet Clover, \$12.75.

Certified Hybrid Seed Corn only \$5.00 bushel freight paid. Results of 39 years producing high yielding seed corn.

MILLER SELLS DUROC BRED GILTS February 8, 1950 Sale at the farm 2 1/2 miles south of Norcat, Kansas



## PUBLIC SALE

### 115—High Grade Holstein Cows and Heifers—115

I will sell at public auction at my place located 17 miles north of Topeka, Kan., 3 miles north of Hoyt, Kan., on all-weather road on:

### THURSDAY, FEBRUARY 2

#### SALE STARTS AT 12:30 SHARP

All Calfhood Vaccinated for Bang's and All Are Tb. Tested

- 25 Holstein 1st and 2nd Calf Heifers in full production.
- 22 Holstein Springers coming with 2nd calves
- 30 Holstein Springers coming with 1st calves
- 26 Holstein Long Yearling Heifers, open
- 10 Holstein Heifer Calves, 2 to 10 months old

Reg. Holstein Bull, Sunnymead Sir Mamsell Burke (1015291) 3 years old from C. L. E. Edwards' herd.

Reg. Holstein Bull, Cliffview King Pontiac (1033116), 2 years old, from Beckwith herd, Leavenworth, Kan.

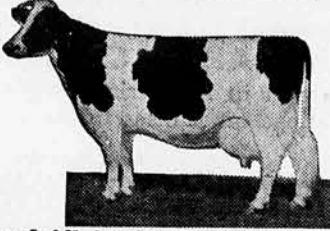
This is an exceptionally good herd.

Lunch will be served — Terms: Cash

## J. A. EHRHART, Owner

Crews Bros., Auctioneers  
Topeka, Kan., Phone 2-0657

Joe Gresser, Clerk



## Fourth Annual HEREFORD SALE

### Friday, February 10

#### COUNTY FAIR BARN

### Harper, Kansas

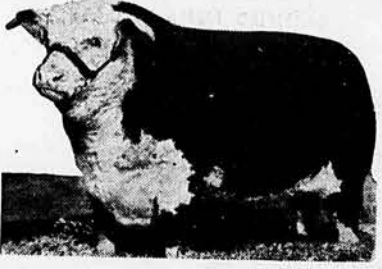
#### 60 HEAD

- 22 Bred Heifers—carrying service of FRC Bocaldo 49th and H. C. Larry Domino 50th.
- 14 Open Yearling Heifers. 8 Junior Heifer Calves.
- 16 Yearling Bulls.

For catalogues write: **ED OLIVIER, Harper, Kansas**

A. R. Schlickau & Sons and Ollvier Brothers  
Haven and Argonia, Kan. Danville, Kan.

Bill Heldenbrand, Auctioneer Mike Wilson for Kansas Farmer



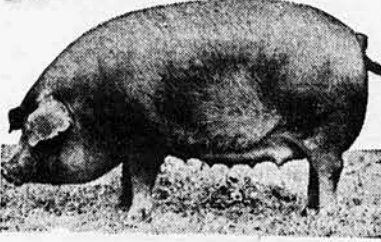
## KANSAS STATE DUROC BREEDERS' ASSOCIATION SALE

Fairgrounds at  
**MANHATTAN, KANSAS**  
on Tuesday, January 31

STARTING AT 1:00 P. M.  
FFA & 4-H Judging Contest  
9:00 A. M.

This is a bred gilt and fall boar sale. A total of 52 head consigned.  
40 Bred Gilts and 12 Fall Boars

For catalog write **LEE J. BREWER, Box 553, Manhattan**  
**Bert Powell—Auctioneer**



## GOLDEN ANNIVERSARY SALE

### February 7, 1950

50 years of breeding Durocs on the same farm. This is our 50th sale of 50 choice bred gilts. A few select boars.

For catalog write  
**VERN V. ALBRECHT**  
Smith Center, Kansas

Bert Powell, Auctioneer Mike Wilson for Kansas Farmer



There will be many important events take place during **FARM AND HOME WEEK**, in Manhattan, the week of January 31. Among these on the night of January 31 the annual Dairymen's Dinner will be held. All dairymen in Kansas are looking forward to this meeting. C. O. Heidebrecht, or just plain "Curt" as most of us know him, secretary of the Kansas Milk-ling Shorthorn Society, informs us that the annual meeting of his breed association will be held at 9:30 the morning of January 31.

Prices received in the second annual sale of the **SOUTH CENTRAL KANSAS HEREFORD BREEDERS' ASSOCIATION**, held at Newton, December 10, was very satisfactory. Roads were icy, the weather was bitter cold, but this did not keep the sale from being a success. Fifty-five lots averaged \$265 a head, 28 bulls averaged \$276, 27 females averaged \$253. The champion and top-selling bull of the sale was consigned by Waite Brothers, of Winfield, and purchased by August Bentonbrook, of Brookville, at \$580. The top female was also from the Waite Brothers consignment. She brought \$500 on the bid of Kenneth Tharp, of Winfield. This heifer was the reserve champion female of the show. The champion female in this sale was consigned by Ray Rusk & Son, of Wellington. She was September 1947 daughter of Brilliant Onward. She was bought at \$460 by William C. Tharp, of Winfield.

The **SALINE COUNTY HEREFORD BREEDERS' ASSOCIATION** assembled at Salina, November 23, for their annual sale at the Beverly Sale Pavilion. A large portion of the offering was made up of bulls not yet old enough for service. The heaviest consignor in this sale was CK Ranch, of Brookville. Many head of the remainder of the offering also was of CK breeding. Three times during the sale \$500 was reached. Twice on bulls. Also, the top female sold at that figure. W. H. Mustard, of Manchester, was the purchaser of the top female in this sale. Broken Wine Cup Ranch, of Marion, brought out a \$500 bull, selling to Lloyd Essick, Kanopolis. Tom Lumb, of Manhattan, also paid \$500 for a bull coming from the CK Ranch consignment. Thirty-eight bulls averaged \$268, 14 females averaged \$334, 52 head sold made a general average of \$286 per head. Jewett Fulkerson, assisted by representatives of the livestock press, made the sale.

The **B K HEREFORD RANCH** annual production sale, held at Minneapolis, Wednesday, December 14, attracted Hereford breeders and cattlemen from a wide area. Forty-five head of 1949 calves were sold in their every-day working clothes. Clifford Hugos, of Scandia, took the top bull in the sale at \$360. Evan Kendall, of Minneapolis, paid \$200 for the top female, this being a very young heifer calf. The heifer calves sold from \$200 down to \$160 per head. The bull calves averaged \$223 while 45 head in the entire sale averaged slightly over \$200 around. The calves were presented in good healthy growing condition so they are sure to go out and make good for their new owners, and repeat customers for B K Ranch. This ranch is owned and operated by Clarence F. Bergmeier and Clarence E. Koerner, who are brothers-in-law and live at Longford, Col. Ross Schaulis was in top form and did a splendid job in the box.

At the annual meeting of the **NATIONAL DUROC RECORD ASSOCIATION**, held in Chicago, Ill., in December, **VERN V. ALBRECHT**, well-known Duroc breeder of Smith Center, was elected president for the coming year.

Vern has spent his entire life in breeding and producing Duroc hogs. He has exhibited outstanding Durocs from coast to coast. Only a short time ago, he was the breeder and exhibitor of the best 10 head at National Show held on the west coast.

In February, Mr. Albrecht will hold his Golden Anniversary sale of Durocs, bred and produced on his farm. This offering will represent 50 years of careful selection and breeding. Few men in the livestock business are able to speak of this sort of a record. This Golden Anniversary event will be attended by many outstanding breeders thruout the United States. Regardless of whether you are interested in this particular breed, you should attend Mr. Albrecht's 1950 sale.

**KANSAS POLLED HEREFORD BREEDERS** set a new record at their annual consignment sale in Hutchinson, December 12, when prices paid for their cattle soared to a new high average in the state of Kansas for Polled Hereford cattle. This blue ribbon show and sale was an outstanding event for the year of 1949. Larry Miller, of the Painter Hereford Company, of Denver, Colo., placed the blue ribbon cattle for their selling order. John M. Lewis & Sons, of Larned, consigned the champion and top-selling bull, ALF Beau Mixer 23rd. A. G. Roife, of Pootesville, Md., paid \$7,200 for this outstanding calf. The top-selling female in the sale went at \$2,000 to G. J. Ranch, Hernando, Miss. She also was out of the Lewis consignment, and a three-quarter sister to the top-selling bull. Twelve bulls in the sale brought from \$1,000 up, with half of these selling at \$2,700 or more. Thirty-one bulls brought an average of \$1,438, 23 females made \$721, 54 lots average \$1,132. The sale was sold by Freddie Chandler and Vic Roth, of Hays, managed the sale.

### The Truth Is Out

"Taint what we thought at all. When your apple tree blooms in the fall and your pear tree sends out new leaves in an October warm spell it's not because the warm weather fooled nature into supposing spring has arrived.

Quite a different explanation comes from the horticulturists of the USDA. They say that out-of-season bloom usually indicates that a tree or plant has gone thru hard times and is flowering in order to survive or perpetuate its line. During a long, sunny, dry fall a tree may suffer from drouth so that it loses its leaves. As a result it puts out new leaves and even blooms to avoid extinction.

Drouth, fire, disease, insects or other damage defoliates a tree and may bring on unusual bloom, those horticulturists add. A tree that has suffered severely will also send out leaves directly from the trunk and large branches in order to survive.

## HOGS



### KANSAS HEREFORD HOG BREEDERS ANNUAL BRED GILT SALE

#### February 18

Kansas State Fair Grounds  
**Hutchinson, Kansas**

Address all inquiries to  
**MILT HAAG, Sale Manager**  
Holton, Kansas

## AUCTION DUROC GILTS

### Bred to the 1949 Nebraska Junior Champion

Sale in the purebred livestock sales pavillion just back of the Transit House in **SOUTH ST. JOSEPH, MO.**

#### WEDNESDAY, FEBRUARY 1

40 Bred Gilts—30 bred to "The 49er", 1949 Nebraska Junior and Reserve Champion boar. 6 bred to "Modern Trend", a nationally known sire. 4 bred to "Progress", a sire of Champions. 5 Fall Boars sired by "Modern Trend." For sale catalog write to

**EARL MARTIN & SON, DeKalb, Mo.**  
Auctioneers: Powell, Mendenhall, Hays

### EXCELLENT DUROC GILTS

Sired by or bred to Super-Spotlight, Perfect Trend and Lo-Thickmaster. Many bred to Deet's King, 1st prize Jr. Spring Kansas State and Reserve Jr. some to Crusader Ace. These are suitable for herd improvement, Club Projects. High class feeders. Offer wonderful serviceable boars, fall pigs. Registered. Immuned. Guaranteed to please. Prices reasonable. Write, phone, come.

**G. M. SHEPHERD, Lyons, Kansas**

### DUROC BOARS and GILTS

Fancy registered Bred Duroc Gilts, unrelated weaning boars, grand champion breeding, uniformly unsurpassed. Probably best raised in nearly 50 years. Immuned. Shipped on approval. Write or come.

**GRANDVIEW STOCK FARM, Americus, Kan.**

### DUROC BRED GILTS

Offering choice Gilts sired by Fancy Challenge, Topsy Success and Fleetline. They are bred to Diamond Model by Red Diamond, 1948 Jr. Champion Minn. Also Fall Pigs.

**W.M. BOHLEN, Downs, Kansas**

### SPLENDID DUROC GILTS

Sired by Modern Supreme, Nebraska champion boar. Others by Double Sensation, carrying the blood of the Colorado champion boar. These gilts are bred to the top son of He'll Do, a Spot Light bred boar. Also top serviceable boars.

**B. M. HOOK & SON, Silver Lake, Kansas**

### ETHYLEDALE FARM

Improved for type and bigger litters. Best of breeding. Selected spring boars ready to go, also gilts.

**DALE SCHEEL**  
Emporia, Kan., Rt. 2

### GOLDBERG'S SPOTTED POLAND BRED SOW SALE

at Radio Sale Pavilion  
**Shenandoah, Iowa**  
February 7—1 P. M.

#### 40 OUTSTANDING GILTS

Some sired by the double champion Grand Master and bred to Typesetter the 1st prize senior boar pig at the Nebraska State Fair. I will pay \$10 premium to the 4-H boy or girl with the grand champion litter and \$5 for grand champion gilt at your county fair and the same at your state fair, if sow is bought in this sale. Write for free catalog.

**LUTHER GOLDBERG, Owner, Essex, Ia.**

### POLAND CHINA BRED SOW SALE

#### February 13

FAIR GROUNDS  
**Fairbury, Nebraska**

Selling 50 head, including Nebraska State Fair champions, mated to Cardinal, Cavalier and Copyright.

Write for catalog:  
**Bauer Brothers, Gladstone, Nebr.**

Beef CATTLE

Dispersion of Jasper Gibbs HEREFORDS Jetmore, Kansas February 6, 1950

Selling at ranch, 6 miles south and 10 miles east of Jetmore, Kansas. SALE STARTS at 1 O'CLOCK CST Selling 56 Females-6 Bulls

HERD BULL For Sale Domestic - Lampflighter 46th bred by Mousel Brothers of Cambridge, Nebr.

OSCAR GIDEON Emmett, Kansas

CEDAR NOLE HEREFORD FARMS We have a number of young bulls, from 10 to 20 months old

REGISTERED HEREFORDS Yearling heifers and bulls, sired by Royal Tredway 33rd. Priced to sell.

PHIL ADRIAN Moundridge, Kansas REGISTERED HEREFORDS Bull calves born April and May.

R. C. SHOEMAKER LENORA, KANSAS

REG. SCOTCH SHORTHORN BULLS REDS and ROANS 12 to 17 months old.

POLLED SHORTHORN BULLS are offering a rugged, dark roan son of Lord Chester, out of the cow that produced the \$1,200 bull of Quality now in the Cherry Hill herd.

AMERICA'S FASTEST GROWING BEEF BREED

OFFERING REG. ABERDEEN-ANGUS bulls of serviceable age. Farm located 14 miles north of Junction City on Highway 77.

REGISTERED ANGUS BULLS and 15 months old. Sired by Beefmaker "93".

RALPH DIETRICH BLUE LINE ANGUS FARM Junction City, Kansas

SHEEP REG. SUFFOLK SHEEP

REG. SPOTTED POLAND CHINAS Police bred gilts, March and April farrowing. Also fall pigs, either sex. Double immunized. Write and see them. Earl J. & Everett Fleser, Jewich, Kan.

Public Sales of Livestock

Aberdeen-Angus Cattle March 6-Penney & James, Hamilton, Mo. J. B. McCorkie, Sale Manager, Columbus, O.

Guernsey Cattle April 24-Missouri Breeders' Association, Columbia, Mo. H. A. Herman, Secretary, University of Missouri, Columbia, Mo.

Holstein Cattle February 2-J. A. Ehrhart, Hoyt, Kan. Shorthorn Cattle March 13-Missouri State Shorthorn Breeders' Association Show and Sale, Chillicothe, Mo.

Milking Shorthorn Cattle April 11-Floyd O. Revert, Forgan, Okla. Roy Paul, Sale Manager, Broken Arrow, Okla.

Hampshire Hogs February 20-O'Ryan Ranch, Hiattville, Kan. Hereford Hogs February 18-Kansas Hereford Hog Sale, Fair Grounds, Hutchinson, Kan.

Poland China Hogs February 13-Bauer Bros., Gladstone, Nebr. Spotted Poland China Hogs February 7-Luther Goldberg, Essex, Ia.

Hampshire Sheep June 5-North American Hampshire Sale, Oskaloosa, Ia.

Suffolk Sheep June 5-North American Suffolk Sale, Oskaloosa, Ia.

Sheep-All Breeds June 23-24-Midwest Stud Ram Show and Sale, Sedalia, Mo.

Trend of the Markets Please remember that prices given here are Kansas City tops for best quality offered:

Table with 4 columns: Item, Week Ago, Month Ago, Year Ago. Rows include Steers, Fed; Hogs; Lambs; Eggs, Standards; Butterfat, No. 1; Wheat, No. 2, Hard; Corn, No. 2, Yellow; Oats, No. 2, White; Barley, No. 2; Alfalfa, No. 1; Prairie, No. 1.

Prevents Rust Rusting metal goods is one thing that plagues us who live in damp sections.

For sale catalogs address E. G. BECKER, Sec., Meriden, Kan. Freddie Chandler, Auctioneer H. W. Wilson, Clerk Mike Wilson with Kansas Farmer Elmore G. Stout, Judge

208 HEREFORD BULLS



100 of these will be 2 years old by June 1—others will be 2 in the summer and fall.

AT AUCTION Sale Begins 10:00 A. M. February 8, 1950 Dodge City, Kan.

At the McKinley-Winter Livestock Comm. Co. You will find excellent shipping facilities here.

150 of these bulls sell in pens of three to fill the needs of the rancher who wants several bulls of uniform quality and breeding.

ALSO SELLING 15 SELECT HEIFERS CONSIGNORS TO DODGE CITY SALE, FEB. 8, 1950

Table listing consignors to Dodge City Sale, Feb. 8, 1950. Columns: Consignor, Bulls, Heifers. Includes names like Adams and Stewart, Wayne Billings, and various ranches.

Single lots will show for sale order February 7, 1:00 P. M.

Sale sponsored jointly by the Kansas Hereford Assn. and Southwest Kansas Hereford Assn.

For catalog and information, please address KANSAS HEREFORD ASSN., Gene Watson, Sec.-Mgr. State Fair Grounds, Hutchinson, Kansas

Freddie Chandler, Auctioneer Mike Wilson with Kansas Farmer

NORTHEAST KANSAS HEREFORD ASSOCIATION 5TH ANNUAL SALE

to be held at the Kansas Free Fair Grounds

Topeka, February 4, 1950

Entries are 43 Bulls and 22 Females. Bulls are mostly calved in 1948. Females are mostly heifers that are bred or of breeding age.

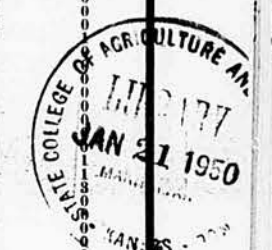
SHOW FOR SALE ROTATION AT 9 A. M. AND SALE AT 12:30

CONSIGNORS:

- List of consignors including Anderson, Walter—Scranton; Morrison, C. P.—Meriden; Becker, E. G.—Meriden; Mulvane Farm—Rossville; Beeks, Claude B.—Baldwin; Nelson, Wm.—Riley; Beeks, John W.—Baldwin; Patterson, Floyd—Topeka; Belden, Wm., Horton; Premier Farms—Wolcott; Campbell, J. C.—Rossville; Ridgeway, C. W.—Tonganoxie; Cleland, F. W. & Son, Baldwin; Sackett Herefords—Tonganoxie; Cooley, A. F.—Topeka; Sackett, Stanley—Tonganoxie; Engler, Allen & Sons, Topeka; Sanders, N. S.—Miller; Gideon, L. H.—N. Topeka; Schuetz, Al J.—Mercier; Heck Ranch—Lawrence; Southard, J. M.—Topeka; Kovar, Clyde—Rossville; Trentman, Harold—Fairview; Lawrence, F. H.—Meriden; Williams & Son—Hoyt; McAfee, Lacy—McLouth

For sale catalogs address E. G. BECKER, Sec., Meriden, Kan.

Freddie Chandler, Auctioneer H. W. Wilson, Clerk Mike Wilson with Kansas Farmer Elmore G. Stout, Judge



COLLEGE  
 JAN 21 1950  
 MANHATTAN  
 KANSAS

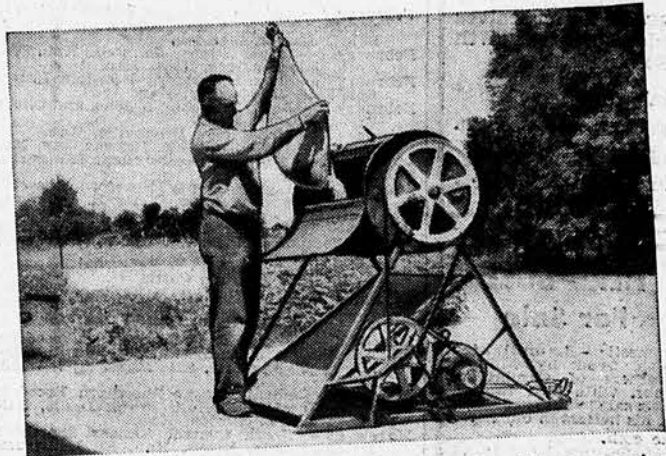


# FARM NEWS-GRAPHIC

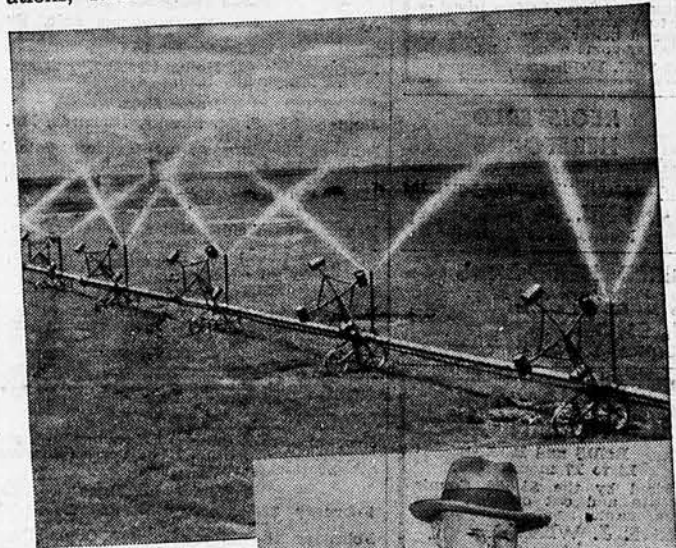
A picture review of successful farming brought to you by the Standard Oil Company



**Super tubers** are raised by Earl E. Sohlden of Chassell, Michigan, who had a 1948 yield of 492 bushels per acre and took second place in the Fifteenth Annual Houghton County Potato Show. The contest is based upon the yield check of five acres and the exhibit at the show. The Sohlden farm has twenty-four pieces of heavy power equipment and an irrigation system. Standard Red Crown Gasoline and Permalube Motor Oil are used exclusively for power and lubrication. "Not only do I think very highly of Standard's products, but I get wonderful service from my good friend, Agent Frank Burkman," said Mr. Sohlden, as he exhibited some of his big potatoes.



**Ingenious Gene Alford** might be a good title for this progressive Simla, Colorado farmer who was snapped operating a feed mixer which he made from an old steel barrel. It is operated by a small motor. He uses it to mix his poultry and livestock feeds and to treat his seed against disease, and says it saves him time and money. "Yes, and I save time and money, too, by using Permalube Motor Oil in all my power farming operations," said Mr. Alford, as he poured some feed into his mixer.



**Water where wanted** is delivered by the self-propelled field watering system pictured in operation above. It is the invention of Raymond Bird, seen at right, who farms near Sublett, Kansas. It is operated on the principle of the overshot water wheel. Part of water which does the sprinkling also provides the power to move the device across the field. The sprinkler can be adjusted to move at speeds ranging from one foot to thirty feet an hour. Mr. Bird is a steady user of Standard Oil products, including Red Crown Gasoline and Bovinol Stock Spray with Methoxychlor, in his farming operations.



**Fast starts** are mighty important in harness racing, as well as when it comes to getting the tractor going in cold weather, according to R. E. Good, who farms near Decatur, Illinois. He has won quite a reputation, and several prizes with his pacing horses, of which he owns four. Mr. Good depends on Standard Red Crown Gasoline to give him fast starts the year 'round, and Permalube Motor Oil to maintain his mechanical equipment in top condition. "Standard Oil products and service cut farming costs for me," he declared.

*Your Standard Oil Man*

