

# Kansas Farmer



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### New Fieldman

Jess R. Cooper, of McPherson, is the new Western field representative of the American Aberdeen-Angus Breeders' Association. He assumes the territory formerly covered by Phil W. Ljungdahl, who resigned to become manager of Sunbeam Farms, Miami, Okla.

A graduate of Kansas State College, Mr. Cooper was a member of the livestock judging team in 1938 and 1939. Following graduation from Kansas State, he entered the agricultural Extension service. For the last 7½ years he has been the county agent of McPherson county. In 1947 and 1948, he served as secretary of the Kansas Aberdeen-Angus Association.

Mr. and Mrs. Cooper with their two sons, John Ross and Robert Morris, live at 817 South Main Street, McPherson.



Jess R. Cooper

### Avoid the Rush

Spring requirements for fertilizer materials should be filled now, says F. W. Smith, of the Kansas State College agronomy department. "Buying your fertilizers now," says Mr. Smith, "you can avoid the annual spring competition for limited supplies at oats and corn planting time. There will be an adequate over-all supply this year, authorities believe."

### For More Milk

Dairy cows that have access to water whenever they want it—night or day—will give more milk and butterfat from the same amount of feed and care than cows that get a drink only once or twice a day, according to E. E. Bartley, of the Kansas State College dairy husbandry department.

### Butter on Menu

Three carloads of creamery butter have been made available for Kansas school lunches this year. Creamery butter stocks in cold storage this year are 38 million pounds larger than average.

### 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

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### Why Calves Go Off Feed

From January until April is the time to watch for vitamin-A deficiencies in cattle, states E. J. Splitter, of the Kansas State College veterinary medicine department.

"Calves under winter feeding conditions often go off feed, become unthrifty, show symptoms of blindness with or without inflammatory processes of the eyes," Mr. Splitter says. "They may stagger and go down. In adult cows, first symptom may be birth of a dead, blind or weak calf.

"Such vitamin-A deficiency in cattle may be prevented," he continues, "by feeding plenty of bright, well-cured alfalfa and other hays. Dehydrated alfalfa meal and good yellow corn are other sources for carotene, which will supply the needed vitamin."

### The Cover Picture

Customers Want This Kind of Turkey



Flexible line of rubber hose, connected up with automatic waterer like the one pictured here, keeps pails full at all times for turkeys on Wilbert Greer farm, Morris county. Four pails are serviced by each unit. Float controls are used.

WHAT type of turkey does your holiday trade demand? Heavy or light? It seems more reasonable to produce what your customers want, rather than educating them to consume what you have to sell. That is just what Wilbert Greer, Morris county, is attempting to do with his strain of Beltsville Whites. The bird he holds on the cover is a full-grown tom that weighs about 17 pounds.

Much of his trade, says Mr. Greer, desires a family-size bird. So he is switching over to the smaller white turkey. This year about one third of his flock of 1,250 were white. He would have had more except that his trade "just took them away from me last year." Next year he expects to have two thirds white, the remainder bronze.

They line up this way: White hens will weigh 9 to 10 pounds at 5½ months. Just about right for the small family and no spitting up and spoiling appearance. White toms will weigh up to 17 and 18 pounds in 6 months. Good for the larger family, and still

small enough to go into the oven without difficulty.

Bronze toms will average about 30 pounds in 6½ months, hens about 17 pounds in 6 months. Heavier birds are swell for hotel and restaurant trade, but inconvenient for general family use.

In addition to their weight, Mr. Greer says he likes the whites because of their quality. He has never yet had a No. 2 white bird. That may be due to his strain which was obtained 2 years ago from Dr. D. C. Warren, formerly with the Kansas State College poultry department, now with the USDA.

But Mr. Greer points out that Beltsville Whites will grade No. 1 at those light weights, and present government support price is favorable to them. The support price is 36 cents for 18 pounds and below, 26 cents for 25 pounds and above. Price is graduated between those weights. Thus, an 18-pound White will gross as much as a 25-pound Bronze.

But the market for lighter birds is more seasonal.

### Wheat Acreage Check-up

MEASURING more than 14 million acres of Kansas wheat land has started to see whether farmers are complying with acreage allotments, reports the Kansas Production and Marketing Committee.

Each farmer will be responsible for making a report to his county PMA committee of the wheat acreage seeded this fall, according to the state PMA committee. These reports will then be checked for accuracy against aerial photographs, farm sketch maps and other data in the county office files.

"We're definitely not going back to

the old 'wheeling' days of the thirties when we had to run around each field with a measuring wheel," declared Glenn H. Johnson, state PMA chairman. "This time, we're going to hold the farmer responsible for giving us an accurate report. This report will be the prerequisite for getting government price support."

To avoid unnecessary expense, the PMA will measure wheat fields only in case the acreage cannot be verified in any other way, said Johnson. The job of determining the acreage is expected to be completed this winter.

### Gasoline Refunds

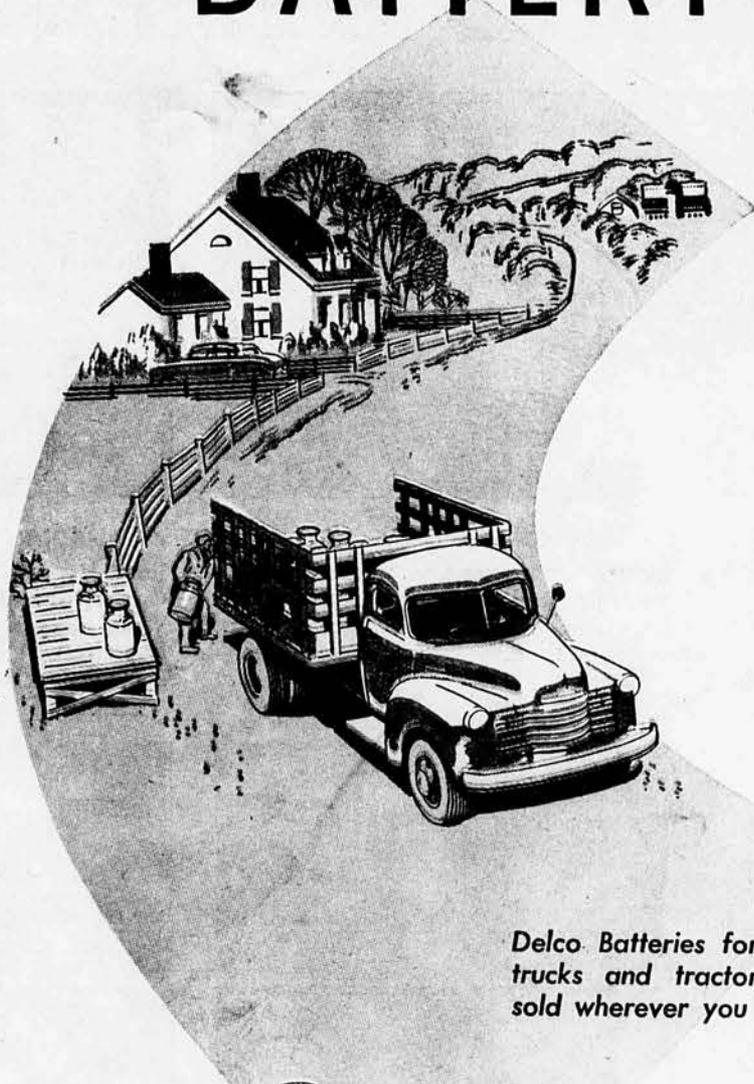
Starting January 1, 1950, farmers no longer will be exempt from certain gasoline taxes, but may get a refund of 5 cents a gallon from the state for gasoline used for non-highway purposes.

Farmers may apply between now and January 1 to their county clerks for their refund permits. Each permit will cost 50 cents, and will be valid for one calendar year. On the refund permit blanks, farmers will be required to give the number of acres cultivated, and the number and kind of gasoline-using farm machines to be operated.

The State Commission of Revenue and Taxation will be allowed 30 days to make refunds but may take another 20 days if the refund claim is under suspicion. "We hope," says Bert Mitchner, director of the commission, "that most refunds will be made well within the 30-day limit."

Replace with a

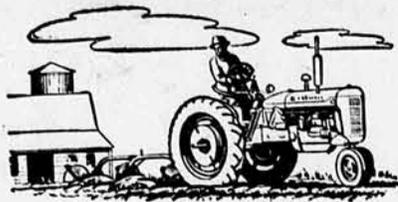
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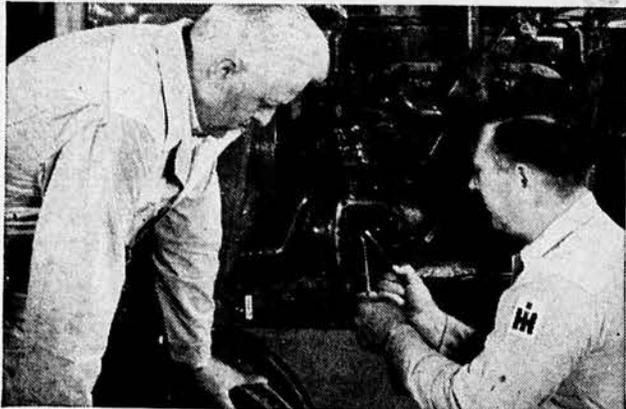
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## How to make your tractor run like new next spring

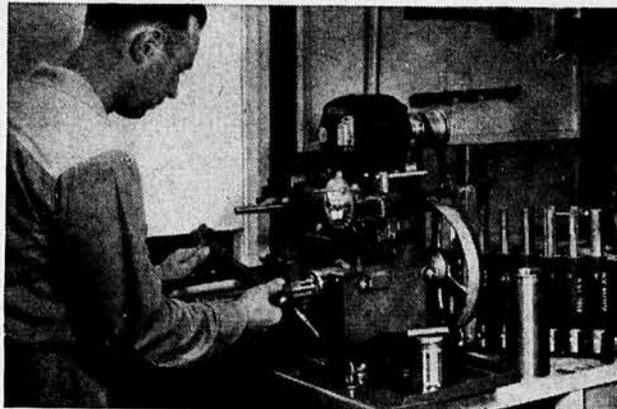


Plenty of power . . . that's what your tractor must have if you are to get your heavy spring work done on time. And *now's* the time to see your International Harvester dealer about putting your IH tractor and McCormick equipment into topnotch condition. Why now? Because you can probably spare your tractor best in winter. And because your IH dealer's service men aren't rushed now. They can give your job unhurried care in winter. Remember, only your IH dealer can give you IH 5-Star Service . . . with these five important advantages:



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First-class servicing of modern farm tractors and other equipment requires special tools and testing equipment. When you turn a service job over to your IH dealer, you know it will be done with the efficient aid of every necessary precision tool.



### 3. IH-QUALITY SERVICE.

This "IH 5-Star Service" tag on your machine means that it has been serviced according to International Harvester's high standards . . . by trained mechanics, working in the well-equipped shop of a reliable, responsible, local business man.



### 4. IH PRECISION PARTS.

Every replacement part that your IH dealer installs while repairing an IH product is an IH-engineered part, made to exactly the same specifications as the original part in the machine. Only IH parts always give you McCormick farm equipment performance.



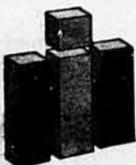
### 5. IH SCHEDULED INSPECTION.

Your IH dealer will gladly examine any or all of your machines and tell you what servicing, if any, they need. He'll also give you servicing cost estimates, in advance, and tell you how long the job will take. Call him today.

#### MAKE A DATE NOW FOR TRACTOR SERVICE

To be sure that your tractor will be ready on time, arrange with your IH dealer *now* for servicing *during the winter*. No one else is so interested as your IH dealer in seeing that your IH equipment is serviced *right*. No one else is so well prepared to give you really expert work at a fair price.

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# INTERNATIONAL HARVESTER

## Potatoes Change, Too

By WILLIAM G. AMSTEIN  
Kansas State College

IRISH potato variety lists offer an interesting and changing subject. It is true that to many a housewife the varieties are either red or white, referring to the skin color, or good or bad depending upon her experience in preparing and cooking them.

I have often heard Jesse Haney, of Topeka, long a leading dealer in our area, speak of the variety parade in Kansas. As great or greater changes have occurred in the national variety picture. In Kansas, Mr. Haney recalls that once the Early Ohio (or Red River, as it was often referred to) was the leading Kansas variety, not only for home but for commercial plantings.

Today the Ohio is almost a memory as a variety. Diseases, coupled with low yield, finally took it out of the list. It is true many still ask for it. Peach-blow was another variety of our earlier home-variety interest that has survived in only a few Kansas communities.

Irish cobbler succeeded the Ohio as a commercial variety in Kansas. Despite its objections such as deep eyes, it has stayed on as a useful home variety, even tho it has gradually lost out as the leading commercial variety.

Bliss Triumph at one time was quite widely planted by commercial growers in Kansas, but in recent years has about lost out. Low yield is the most common answer given for its departure. This was coupled with a lack of true earliness.

#### To Meet Demand

To meet the red-potato demand in our Chicago market area, up to 75 per cent of our commercial acreage on many Kansas farms is now devoted to the Red Warba. In good years with a medium set it has yielded with the Cobbler and sold ahead of Cobblers. Red Warba has a strange history. In many ways it is not a true variety. It is a red-skinned sport or mutation found originally in a field of White Warba. You may remember White Warba has red eyes. Now the White Warba has given way to the Red Warba as has the Triumph in much of our competing commercial area.

Thruout the United States, it has been reported that of the 51 varieties of potatoes grown for seed certification in 1948, 20 were old varieties of late Nineteenth Century origin; while the other 31 varieties had been introduced in the last 20 years. However, the old varieties made up more than half of the total of certified seed.

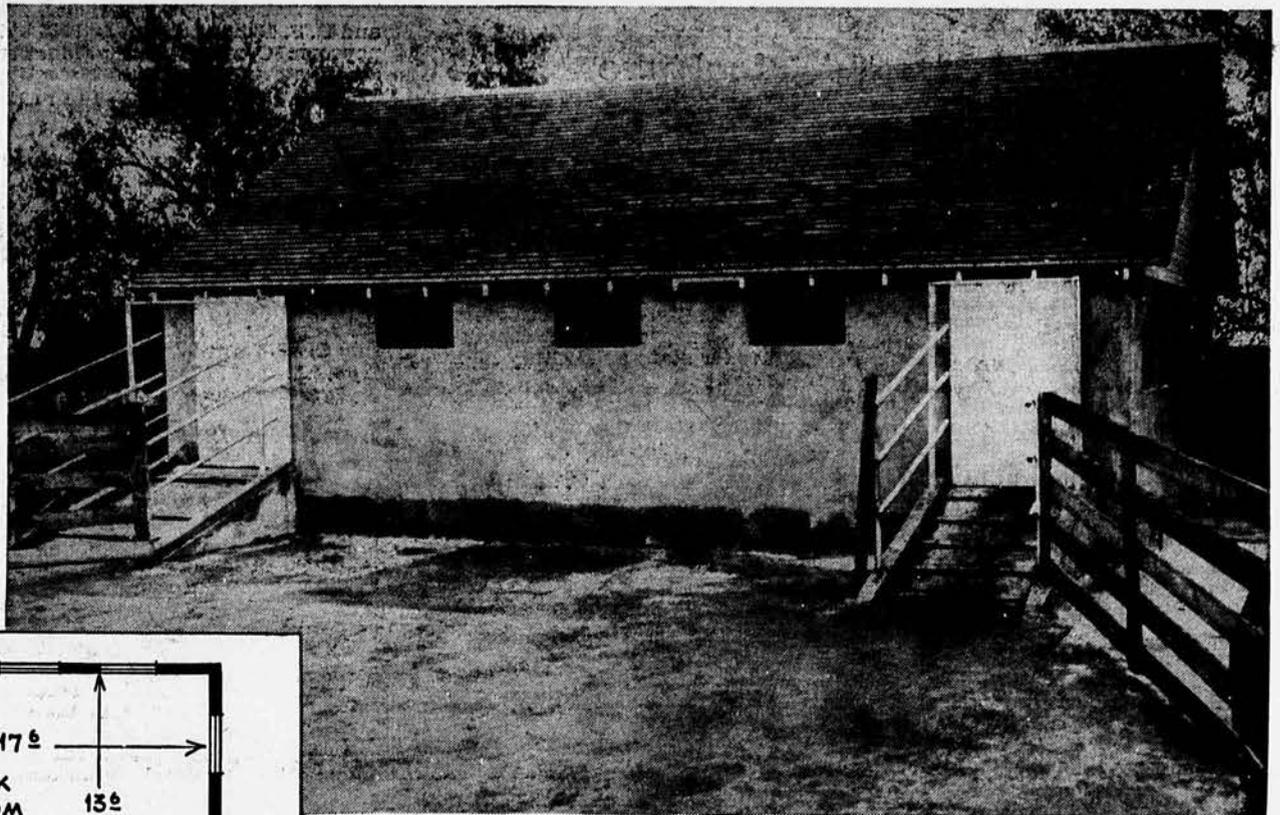
About 96 per cent of the total certified-potato list is represented in 6 new and 7 old varieties. By varieties and percentages they are about as follows: Katahdin, 28 per cent; Irish Cobbler, 16 per cent; Triumph, 13 per cent; White Rose, 9 per cent; Russett Burbank, 7 per cent; Chippewa, 7 per cent; Green Mountain, 7 per cent; Sebago, 3 per cent; Red McClure, 2 per cent; Pontiac, 2 per cent; Red Warba, 1 per cent; Dakota Chief, 1 per cent; and Russett Rural, 1 per cent.

#### Crowding the Cobbler

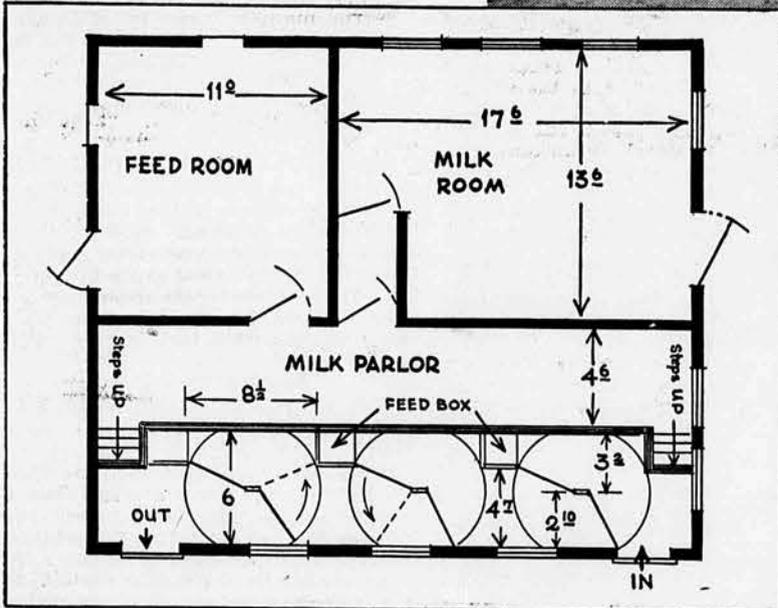
Nationally as well as in Kansas, the Irish Cobbler is more widely grown than any other variety. However, Katahdin and Chippewa are crowding the Cobbler out where yield and quality are the only factors to consider. But in Kansas, and under similar conditions elsewhere, the Cobbler retains its place because it possesses earliness. Triumph is losing out in the South to Sebago and Katahdin. White Rose, as grown in California, is largely responsible for putting us out of the commercial potato industry in Kansas.

The San Luis Valley of Colorado grows the Red McClure almost exclusively and with extra good results. This area markets the Red McClure with premium returns on the Chicago market during the winter.

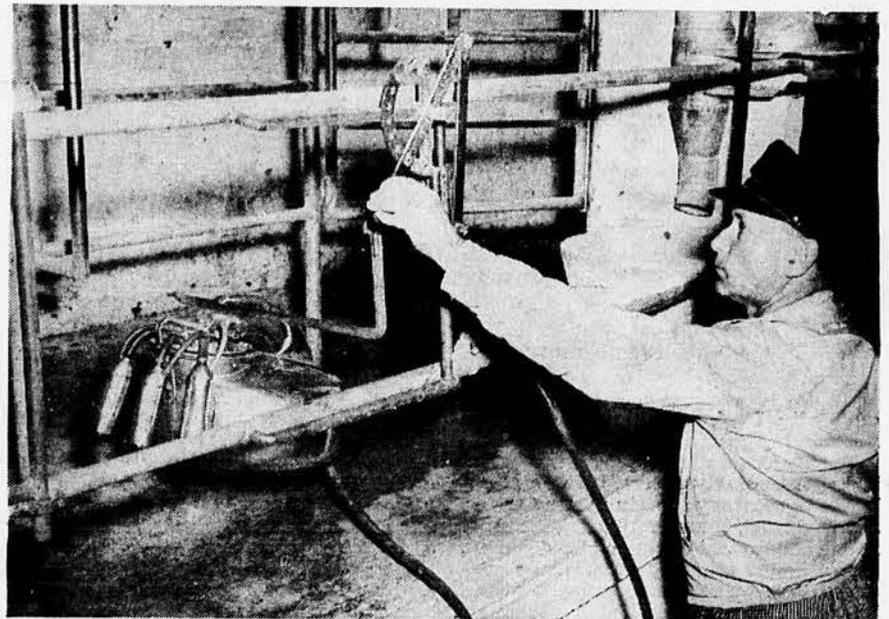
We are still in search of the "Potato Variety for Tomorrow." I doubt whether any of the more recently introduced varieties that have obtained commercial importance in northern producing areas will meet our Kansas weather blueprint. Unfortunately, not enough of the total Irish potato production is dependent upon second early and intermediate states, so not too much emphasis has been placed upon producing an Irish potato tailored to our needs.



Below: This top-view drawing of the Marshall Oyler milking parlor was made from a blueprint supplied by Dodson Manufacturing Co., Wichita. Stall elevations at bottom of drawing are 32 inches above operator's floor. Milk parlor section is almost identical to that built by Ray Kaufman, Harvey county. His milk room adjoins the end of the parlor, and feed room is in cupola above milk parlor.



Above: Cow-side view of the Marshall Oyler 3-stall parlor. From concrete ramp in foreground, cows enter door at right. After milking they leave from door at left and go into corral or pasture.



Above: Ray Kaufman demonstrates his homemade holder for milker. It can be adjusted up and down, forward and backward to fit any size cow. He has ready-made holders to install soon. Pipe arrangement in foreground will be changed to eliminate obstructions for the operator.

# An Easier Way To Milk Cows

By Ed Rupp

**P**UT your cows on a pedestal. They are easier to milk that way. That is what 2 Kansas dairymen say after some experience with new 3-stall milking parlors. In these parlors the cows stand on a level 26 inches higher than the operator's floor.

Two years ago Ray Kaufman, Harvey county, built a 3-stall parlor using concrete-block material. He built the parlor from his own design. Just last summer Marshall Oyler, Kingman county, built a 3-stall parlor on his farm, us-

ing Dodstone blocks. It, too, was homemade. Strangely, these parlors are almost identical in design. But neither man was acquainted with the other.

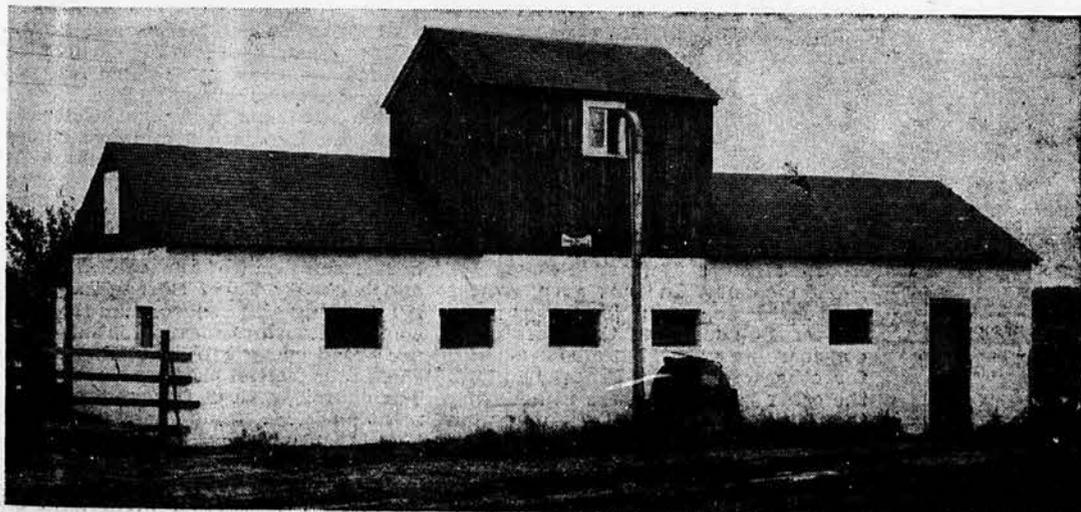
Do they like them? Both men say they'll never go back to the old way of milking cows. Here's why: Parlors with elevated stalls are cleaner. You can do the milking in your Sunday clothes if you wish. Both men say that. It's easier. Easier from the standpoint of the milking job alone, because the cows are up at a

handy height. Then, too, the job of cleaning after milking can be done in just a few minutes.

Watching these men milk cows in their parlors makes you wish you were a dairyman. There is an entrance gate and an exit gate for each of the 3 stalls. These gates are operated from the work-floor level by individual levers. Basic principle used in these levers in both parlors is identical. The short-swinging lever operates the gate to full-open and completely-shut positions. Then, to lock the gate in closed position, the lever is pushed just beyond center. It is operated on the same principle as a hand clutch lever on a tractor.

Coming into the milking parlor, cows enter thru one door, proceeding thru the opened entrance gate in the stall. After milking, bossy is shunted out thru the exit gate into a passageway behind the stalls. From here she leaves the parlor thru an exit door at the opposite end of the passageway and out into the pasture. Even outside doors are operated from the work floor. Just a tug on a rope opens the door. A counter-balance automatically closes it.

What about the cows? Do they like it? Naturally they didn't say [Continued on Page 14]



At Left: Front-side view of Raymond Kaufman 3-stall parlor. Cupola is storage bin for ground feed. Holds about 3 month's supply. Milk storage and can washing room is at right, 3-stall parlor at left.

## Meet Your State Board of Agriculture

**Y**OUR Kansas State Board of Agriculture is a group of 12 Kansas farmers representing the citizens of the state. Their basic duties are to administer state agricultural laws as well as foster, in all possible ways, a greater agricultural industry. The fact that Kansas has many firsts with regard to useful and practical agricultural legislation, and is recognized as a leading state in agricultural production indicates their success.

Year in and year out the Board of Agriculture represents a cross-section of Kansas farm leaders. The present board is no exception to this rule as is revealed by a study of the roster of the 1949 Kansas State Board:

### Herbert H. Smith

The 1949 president of the Kansas State Board of Agriculture, Herbert H. Smith, is serving his sixth year on the board and has been treasurer and vice-president. General farming is key-noted by him in Smith county where he farms 440 acres. One of Smith's special projects has been an outstanding flock



of White Leghorn chickens, also he fattens top-grade Hereford cattle.

In his community Mr. Smith has been particularly active, being a member of the Rotary Club in Smith Center, school board, township board, an elder in the Presbyterian church for 40 years, and a board member of a local farmer's co-operative business for 21 years. In state organizations, he is a member of the Kansas Farm Bureau, as well as on the policy committee of the Board of Agriculture.

### Perry H. Lambert

Dean of the Board of Agriculture is a title frequently used in referring to Perry Lambert, of Brown county. He has been a member of the board since 1918, giving him the longest record of continuous and outstanding service to



the board. Mr. Lambert is a graduate of Kansas State College, having majored in animal husbandry, and owns a 200-acre farm devoted to dairying and certified-seed production, with his purebred Guernsey herd ranking as one of the finest in the state.

Mr. Lambert is a member of the Farm Bureau, policy committee of the Board of Agriculture and president of Kansas State Fair. Equally, interest and activity in other organizations of the community and state have held his attention thru the years. He was one of a select group chosen by Governor Carlson to study water-control problems in the state, and has become an authority on proper landscaping procedures for state and county highway roadsides.

### M. E. Rohrer

Poultry and sheep have been the highlights of Board Treasurer M. E. Rohrer's farming program on his 800-acre farm in Dickinson county. This is his fifth year on the Board of Agricul-



ture and Board of State Fair Managers. Incidentally, he has practical fair experience as an exhibitor.

In civic activities, Mr. Rohrer has been a member of his church board 20 years, and a trustee for the high school board 6 years. In improvement of farm living, he has served as a director for the Rural Electric Association 8 years and as director of the Production Credit Administration 10 years. He has been a director and is now president of the Farmer's Co-operative Association, and has been a director of the Central Kansas Free Fair for 15 years. In other farm groups Mr. Rohrer has served as a Farm Bureau board member 4 years and both he and Mrs. Rohrer have been active 4-H Club leaders for 14 years.

Evidence of his outstanding farm programs can be gained from the fact that Mr. Rohrer was a Master Farmer in 1935 and has been a guest on the National Farm and Home hour as a result of his outstanding poultry production program. In 1948 he was chosen as one of 10 outstanding Kansas farm leaders by the Kansas Farm Bureau.

### Harold Staadt

Specialized seed production sums up the program carried by Harold Staadt, Board of Agriculture member from Franklin county. On the Staadt 125-acre farm the past season certified seed was produced and processed for Pawnee wheat, Nemaha oats, Gibson soy-



beans, Atlas sorgo, red clover, K1784 and U. S. 13 hybrid corn and K4 hybrid popcorn. Certified-seed production is an old story to Mr. Staadt, starting in 1920, and his entire farming program is devoted to seed production.

Previous to extensive seed production, Mr. Staadt carried several livestock projects, including registered Hampshire sheep and Duroc hogs. As to additional interests, Mr. Staadt, like other board members, has an impressive record. He is a member of the county Farm Bureau, local school board, a Sunday school superintendent for 14 years, and director of the Kansas Crop Improvement Association from 1924 to 1947, serving as president 2 years. He was one of the organizers of the Kansas Hybrids Association and is now a director.

Mr. Staadt served as a 4-H Club leader for 10 years, a member of the first Rock Springs Ranch 4-H project committee, and a sponsor of Methodist Youth Fellowship. He has been a member of the Board of Agriculture since 1945 and has held all board offices.

### Walter A. Hunt

From the rich Bluestem Hills of Kansas has come the state's fame as a great beef area. Board Member Walter A. Hunt and his family of a daughter and 2 sons are examples of the careful, outstanding, livestock producers who have contributed so much to building this reputation.

Mr. Hunt comes from Cowley county where he operates 1,280 acres of grass and crop land. This farm, known as the Sunnyvale Farm, specializes in purebred Shorthorn cattle. Mr. Hunt is serving his second term as a member of the Board of Agriculture, and has been treasurer and vice-president. Handling about 200 head of full-fed steers and short-fed butcher cattle, plus more than 200 hogs each year, completes the livestock program. In crops, wheat,



particularly certified Pawnee seed wheat, and sweet clover are produced.

Like other members of the Board of Agriculture, Mr. Hunt is vitally interested in community and state affairs. He has held all the offices of the county Farm Bureau, and helped organize the group in 1928. He is serving as county 4-H township vice-president, director of the county co-operative, and vice-president, and he helped organize and serves as a director of a CCA grocery store in Winfield. He was also president and a member of the county fair board for many years.

In 1947 Mr. Hunt was chosen as a Master Farmer, and is now serving on the executive committee. In community affairs, he is chairman of the advisory committee for the G. I. farm-training work at Arkansas City, a member of the Chamber of Commerce, and is quite active in the Rural Life Commission of the Evangelical United Brethren church.

### H. A. Praeger

Wheat farmer is an apt title for Board Member Herman Praeger, of Barton county. In that great wheat area Mr. Praeger and his 2 sons operate an 880-acre farm that does grow considerable wheat, but also is utilized for other crops. Mr. Praeger follows the other board members in believing that diversification is the foundation of good farming practices. In addition to his wheat farming, he raises oats, alfalfa and sorghums. In the livestock and poultry line, he specializes in feed-

ing spring lambs, as well as having an outstanding poultry program. His farming program was distinguished



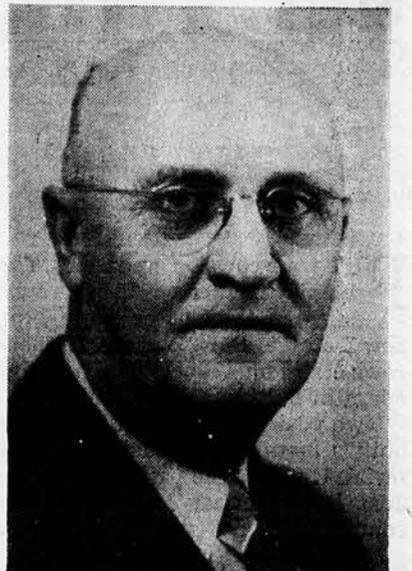
enough to win him a Master Farmer award in 1934.

In community life, Mr. Praeger has long been active, particularly in such groups as the Kansas Crop Council, president and member of the board of the Farm Bureau, and member of the board of the American Farm Bureau Federation. A Kansas State College graduate, he was chosen by Governor Carlson for his committee of 22 to study the Kansas highway and general road-building program. This is Praeger's sixth year as a member of the Board of Agriculture, having held all offices.

### William Condell

When beef-cattle phases of the Kansas livestock industry are mentioned, one of the most interested persons on the Board of Agriculture is William Condell, of Butler county. Of the 1,080 acres owned or operated by Mr. Condell, 300 are creek-bottom, cultivated land and the rest is in native pasture for his purebred Hereford cattle. Mr. Condell also raises purebred Hampshire sheep.

His farming program includes a policy of rotating corn, alfalfa and oats, with all crops raised on the farm being fed to livestock rather than marketed. As a member of the Board of Fair Managers, he supervises the livestock exhibits each year at Kansas State



Fair, utilizing his 19 years as a herdsman for the famed Hazlett herd.

Condell's interest in improving livestock in general is broad and currently he is treasurer of the Kansas Hereford Breeders Association, and director of the Purebred Sheep Association of Kansas. In community life, he is on the agricultural committee of the El Dorado Chamber of Commerce, a Rotarian, member of the local hospital board, chairman of the church board and a county Farm Bureau member. His farming also has won him the soil-conservation award, and his interests are broad enough to include membership in the district bankers association. The church work deserves more comment since Mr. Condell serves on the board for the Central Baptist Theological Center, the State Board of the Baptist church and the Board of Ottawa University.

**Paul A. Wempe**

An outstanding farmer from Nemaha county, owning and operating 155 acres, is Board Member Paul A. Wempe. He has long been known, not only for his firm conviction that balanced farming



is a key to prosperous farming, but as an outstanding hog breeder. For 21 years Mr. Wempe exhibited his Tamworth and Berkshire hogs on the national fair circuit, an asset in his work as a member of the Board.

To round out his general balanced-farming program, Mr. Wempe has an excellent Holstein dairy herd and specializes in red clover- and alfalfa-seed production.

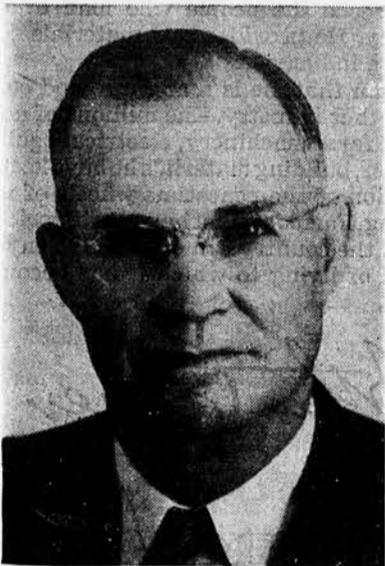
Interest in the community is illustrated by his list of activities. He was president of the Nemaha Co-operative Association for 6 years, president of the Berkshire association ever since it was organized, 7 years president of the Nemaha Farm Bureau, and has a long record of service on the local school board at various times. He has served on the Board of Agriculture for 16 years and has held every office. He is particularly active as chairman of the Control Committee.

**B. H. Hewett**

A Board of Agriculture member from the far west is Bowman Hewett, Comanche county resident, now serving his fourth year on the board. During that period he has held all offices and has been active in many of the board's programs.

Mr. Hewett attended New Mexico Normal University and Oklahoma A. & M. for undergraduate college work. His education also included graduate work at the universities of California and Oregon.

The Hewett farm is composed of 920 acres, specialized for production of certified Comanche seed wheat, Beecher



barley, Westland milo and Madrid yellow sweet clover. Some beef cattle and other livestock round out the program of diversification.

Mr. Hewett's activities, in addition to his farming, include being former president of the Comanche County Farm Bureau, former chairman of the county AAA, and former president and present director of the Kansas Crop Improvement Association. Recently he became a member of the Kansas Agricultural Council on research and edu-

cation. One highlight of the Hewett farm policy is a full soil-conservation program.

**Elmer McNabb**

A farmer with many interests well describes Elmer McNabb, vice-president of the Board of Agriculture. In addition to operating 1,500 acres of Marais des Cygnes river valley farm land in Linn county, he has carried his interest to a farm machinery business in Pleasanton, as well as several other business enterprises.

On his extensive farm, Mr. McNabb follows closely the many recommended



practices that lead to good crop production, including proper fertilizing, contour farming and diversification. Beside growing wheat, corn and alfalfa, the farm grows feed for about 300 cattle fed for market each year and a herd of purebred Hampshire hogs.

In community and state interest Mr. McNabb has been quite active. He is a member of the Farm Bureau, Grange, Rotary, Methodist church and served on the school board many years. In addition to serving on the Board of Agriculture 5 years and being treasurer and vice-president, Mr. McNabb is a member of the Board of State Fair Managers, operating Tent City on the fair grounds each fall.

**R. C. Beezley**

When dairy matters are discussed by the Board of Agriculture, the number one member interested is R. C. Beezley, an extensive dairyman of Crawford



county. Having served on the board since 1931, Mr. Beezley has held every board office, including his current position as chairman of the dairy committee. He also is the treasurer of the Kansas State Board of Fair Managers.

He handles about 85 Holstein purebred cattle on his 1,000-acre farm, and supplements this dairy project by raising grain and feeds.

Mr. Beezley is an active member of several organizations including the Farm Bureau, Christian church, Girard Chamber of Commerce, and the county fair board. In state groups he is a member of the Dairy Herd Improvement Association, Herd Improvement Registry and follows the classification policy in managing his herd. In addition he serves as an officer for the Holstein district organization.

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# Farm Matters

## AS I SEE THEM

WHEN I learned, with genuine regret, that J. C. Mohler had tendered his resignation as Secretary of the State Board of Agriculture, I wrote him the following letter:

Dear Jake:  
 Kansas is to be congratulated upon your years of service as Secretary of the State Board of Agriculture.

You are to be congratulated upon the marvelous contribution to the Agriculture of our State of Kansas in your 35 years in that position of responsibility.

I write these words of commendation from long years of personal knowledge and acquaintance. I knew your father when he held office. As a young reporter I used to call on him for stories. I think you availed yourself of every opportunity to improve upon the services of the office and its contribution to farmers of Kansas.

The announcement of your retirement after a total of 57 years of service came as no real surprise, yet I somehow wish that Time did not necessitate such decisions. Nevertheless, you certainly deserve a well-earned respite from the heavy duties and confinement of office hours. I know Kansas Agriculture will continue to receive the benefit of your seasoned judgment and advice. Sincerely, Arthur Capper.

News of Jake Mohler's resignation as Secretary took me far back on the memory trail. Back threescore years and a little more, to the time when I used to "chase" news for the Daily Capital on the statehouse run. Among the offices I covered was the State Board of Agriculture. I remember when Jake's father, Martin Mohler, became Secretary, about 1888. He was succeeded in 1893—the year I bought my first newspaper, the North Topeka Mail—by Foster Dwight Coburn. I think Jake went to work as the bottom clerk in the office about a year before his father's death.

During the succeeding 21 years young Jake advanced up the line until he was assistant secretary under Secretary Coburn. He became Secretary upon Coburn's resignation in 1914.

It was only a few months after Jake got his start in the secretary's office that I bought the North Topeka Mail from George Root. A short time afterward I bought the Kansas Breeze from Frank Montgomery and Tom McNeal. In that purchase I had a great streak of luck—I got Tom McNeal along with the Breeze. We combined the two papers, under the name Kansas Mail and Breeze; it became The Kansas Farmer (continuing The Mail and Breeze) when I bought The Kansas Farmer from Albert T. Reid in 1919. Tom McNeal was editor of this paper, under all those names, for a half-century, until his death a few years ago.

Many of you readers of today's Kansas Farmer will remember the days of Tom McNeal, and the writings of Tom McNeal, and some of you the cartoons of Albert T. Reid when it was Topeka Mail and the Kansas Mail and Breeze. Tom and Albert made a great team.

Thru these years Jacob C. Mohler—tho it was always Jake in conversation and generally Jake in writings—has been a regular contributor to the columns of The Kansas Farmer.

Sometimes his contributions were direct, under his own name. But far oftener they were indirect; our Kansas Farmer staff always has depended greatly upon Secretary Mohler's knowledge of Kansas farmers, farms, and farm conditions for developments and discussions of interest to Kansas Agriculture.

As I tried to say in my letter to him, Jake Mohler has contributed much, in his quiet, effective way, to the advancements Kansas Agriculture has made during his 57 years in the Secretary's office. He is a quiet, unassuming sort of man, always working at his job, but never pushing himself into the limelight. But he turned out a tremendous amount of work; he also developed a great ability to pick able associates and assistants to carry on: He has been an outstanding success in his job, and the State of Kansas says to Jake Mohler, "Well done, thou good and faithful servant. May you have many years of peace and quiet and happiness in your retirement. You have earned a good rest."

Just in passing I might suggest that one reason which made it possible for J. C. Mohler to work as Secretary so well and so long, is the fact that his office tenure was not dependent upon the whims and caprices of politics. The Secretary of the State Board of Agriculture is elected by the Board representing the farmers of Kansas. Probably be a good idea to leave it that way, even tho some popular governor may decide to try to change the law some time, and make the appointment himself. Anyway, good luck to you, Jake. It has been worthwhile knowing you.

### Misguided Thinking

I WAS very much interested in the address I made a few days ago by Albert S. Goss, master of the National Grange. He spoke in California before the annual meeting of this great farm organization which he heads. He was commenting on the farm problem when he said:

"During the war, when food was scarce, everyone loved the farmer. His praises were widely sung for stepping up his work from 60 to more than 70 hours a week, and for increasing the food supply more than 30 per cent despite nearly a 20 per cent loss in manpower. All these years we have predicted the day when farm commodities would again be in surplus supply; when farmers would be accused of responsibility for the high cost of living and efforts would be made to break farm prices to levels below production costs . . . . That time has arrived. We face the same old farm problem we struggled with 25 years ago, and unfortunately we have not developed a basic solution."

My interest in that statement was heightened because it agrees with what I have said in Kansas Farmer.

However, it is utterly ridiculous, in my opinion, to blame high cost of living on the farmer. His production costs have gone up as sharply as costs in other lines of business; cost of farm labor alone is three times what it was 10 years

ago. Only by use of the most efficient machinery, better seed, more careful crop rotations, more and better fertilizer, better planning, longer hours, have farmers been able to hold down costs as well as they have. But when big-city folks find the going a little tougher than they like, with expenses mounting, they apparently must have a "whipping boy." And "the farmer" seems to be about the handiest person to land upon.

I believe this is an outstanding example of misguided thinking—that the farmer is to blame for the high cost of living. It must be changed. When you come right down to it, farmers are doing such a superior job of producing food that overproduction threatens and they are penalized for it; farm prices are lower than they were a year ago, while costs between the farmer and the consumer have come down very little, if any. Jumping on the farmer first-pop-out-of-the-box may relieve tempers, but it frankly is unjustified.

Another thing. Why should a reasonable surplus—a safety supply, enough for a rainy day—produce price hysteria in the market places? Don't we believe in having something extra in the bank for an emergency? Isn't it good practice to store up soil fertility? Then why isn't it good practice to have a little extra food on hands?

I am positive the whole thinking is wrong as can be in blaming the farmer for the high cost of living; and worrying too much about reasonable surpluses. The truth of the matter is that the 18 per cent of our 148 million people who live on farms in this country is the most essential group of all. The other 82 per cent of our population depends on the farmer 18 per cent for food and largely for clothing. Without them where would all other industry be?

There is much talk about keeping our country strong. Being ready to prevent or repel any enemy attack. I believe in this. To always be in readiness we must have arms, the most powerful in the world. But of paramount importance, also, in keeping our country strong is maintaining the most powerful agriculture in the world.

Let us hope and pray there will be no more war, that we will be spared other disasters. Even then, in peacetime, the farmer 18 per cent in this country still is the most essential group. The farmer feeds the people who man every other industry. He provides raw materials for many of those industries.

Further than that, he is a mighty good customer of all other industry. The millions of dollars worth of farm machinery, electrical equipment, fertilizer, building materials he buys keeps a major portion of the peacetime wheels of industry turning. Farmers must have parity prices so the rest of the country can continue to enjoy the standard of living to which it has become accustomed.

*Arthur Capper*

Topeka.

## Too Much Government to Suit Farmers

By CLIF STRATTON  
 Kansas Farmer's National Affairs Editor

**A** GROWING uneasiness in farm-organization circles over Government's invasions into the fields of farm management, both in production and marketing, is manifesting itself this fall.

Most recent instance is action of the American Farm Bureau Federation in pointedly leaving the Secretary of Agriculture, Charles F. Brannan, off the program for its annual convention this month.

In his address at the annual convention of the National Grange, Grange Master Albert S. Goss took occasion to warn seriously of the dangers inherent in programs which would make farmers dependent upon annual appropriations from Congress for any considerable part of their income.

At the annual convention of the Kansas Farmers Union in Salina in October, Roy Crawford, manager of the Farmers Union Jobbing Association (Kansas City) pulled no punches in denouncing Commodity Credit Corporation encroachments in the field of marketing grains.

An equally strong, and even more devastating, attack on the Commodity Credit Corporation was made at the Republican National Farm Congress in Sioux City, Ia., in September, by Roy F. Hendrickson, Washington representative of the National Grain Co-operatives. Hendrickson was one of the fair-haired New Deal boys in the Department of Agriculture back in the late 1930's.

(Continued on Page 24)

# Thoughts TO LIVE BY

## Leadership

WHEN a girl applied for admission to a certain college, her father was asked to answer several questions, thus giving his appraisal of his daughter. He frankly said that she was not a leader. Later, the president of the college personally welcomed this young woman to the campus. He told her father that according to their records, there were 499 leaders on the campus, and now he rejoiced in the coming of the first follower.

Nearly everyone wants to be a leader. To speak of a person's leadership is to compliment him highly. People read books, master hobbies, and compete for social positions so they may be recognized as leaders. Leaders of that kind we have in abundance, as the college president said. But we continue to hope for the appearance of a leader who will help us to establish peace by showing us how to live together as brothers, or who will help us balance our accounts so we may have a reasonable sense of security. Between such a leader and the millions who clutter our institutions, there is a big difference.

What are the characteristics of a great leader? For one thing, every true leader is a good follower. His devotion may be to a person, an ideal, or a cause. The great leader never looks back to see whether he is being followed. He steps forth even if it means going alone. His loyalty may be to a program as unworthy as was Hitler's doctrine of racial superiority, or it may be as

noble as was the Nazarene's revelation of the Kingdom of God. The worth and righteousness of the cause will have a bearing on the outcome of the issue, but it will not necessarily affect the intensity of the leadership involved. An unworthy cause will eventually betray its devotee, but temporarily it will serve as well as any other to give him a platform for leadership. There never was a great leader without a dynamic cause.

A second characteristic of leadership is responsibility. A great leader has confidence in his own judgment and does not try to justify his actions before others. That is because he desires the success of his endeavor rather than the plaudits or sympathy of the crowd. The great leader also has a personal concern for all who follow him. This pastoral responsibility may be demonstrated by the herdsman on the plains or by the politician in the court house. He must always merit the respect and be worthy of those who follow him.

In the third place, he must be a master in the field of persuasion. Force is only a temporary expedient among free men. It is persuasion that enlists the voluntary co-operation that is needed by democratic leaders. Force is used in jail to make prisoners conform to the rules, but persuasion is used where men are free to secure their voluntary loyalty and support.

The great leader pays a high price for his leadership, but the world desperately needs men who will sacrifice their personal interests for worthy causes.

—Larry Schwarz.

## Coming Events

December 5—Edwards county, county Farm Bureau meeting, Lewis community hall, Lewis.  
 December 5—Ford county, annual Farm Bureau meeting, Dodge City.  
 December 5—Greenwood county, Farm Bureau annual meeting, Eureka.  
 December 6—Greenwood county, 4-H Achievement banquet sponsored by the Eureka Chamber of Commerce, Eureka.  
 December 6—Kearny county, annual Farm Bureau meeting, Lakin.  
 December 6—Linn county, annual Farm Bureau meeting, Mound City.  
 December 6—Comanche county, annual Farm Bureau meeting, Coldwater.  
 December 7—Norton county, public policy discussion meeting, C. R. Jaccard, courtroom, Norton.  
 December 7—Pottawatomie county, annual Farm Bureau meeting, 7:30 p. m., high school, Westmoreland.  
 December 7—Wichita county, annual Farm Bureau meeting, Leoti.  
 December 7—Jackson county, winter crops, soils poultry and marketing school, Holton.  
 December 8—Wabaunsee county, crops, livestock and poultry school with Hoss, Willoughby and Seaton, Alma.  
 December 8—Johnson county, plant pathology, C. L. King, Olathe.  
 December 8—Johnson county, recognition dinner for 4-H leaders in Kansas City.  
 December 8—Brown county, annual Farm Bureau meeting, Hiawatha.  
 December 8—Ford county, crops and livestock meeting, Dodge City.  
 December 8—Linn county, meeting of DHIA with Ralph Bonewitz, Mound City.  
 December 8—Mitchell county, 4-H leader training school, Glen Busset, Municipal building, Beloit.  
 December 9—Butler county, annual Farm Bureau meeting, El Dorado.  
 December 10—Ottawa county, 4-H Club leaders training, Minneapolis.  
 December 12—Cloud county, Farm Bureau annual meeting, Concordia high school.  
 December 12—Ellsworth county, annual Farm Bureau meeting, Ellsworth.  
 December 12—Ottawa county, annual Farm Bureau meeting, Minneapolis.  
 December 13—Lincoln county, annual Farm Bureau meeting, Lincoln.  
 December 13—Mitchell county, annual Farm Bureau meeting, free dinner at noon, afternoon program De La Rosa speaker, Municipal building, Beloit.

December 13-15—Barton county, district field staff school, at Hutchinson.  
 December 19—Chase county, Extension dairy specialist meeting, Fred Foreman, leader, Cottonwood Falls.  
 December 19—Butler county, Dairy Herd Improvement Association, annual meeting, El Dorado.  
 December 20—Wichita county, 4-H Club leaders' meeting, Leoti.  
 December 21—Butler county, crops and beef school, Lot Taylor and Gene Cleavinger, El Dorado.  
 December 21—Cherokee county, garden, landscape and home beautification meeting and tour, Amstein, Collins and Parks, Columbus.  
 December 22—Norton county, balanced farming county school, courtroom, Norton.  
 December 23—Kearny county, 4-H leaders school, Lakin.  
 December 26—Hamilton county, annual Farm Bureau meeting, Syracuse.  
 January 2—Ford county, livestock marketing and outlook meeting, Dodge City.  
 January 3—Wichita county, winter livestock and forestry meeting, Leoti.  
 January 4—Cherokee county, dairy, agronomy and dairy insect control meeting, Ralph Bonewitz, Extension dairyman; Eugene Cleavinger, Extension agronomist, and Gates, Extension entomologist, Columbus.  
 January 5—Osage county, school on farm structures and rural electrification, Hodgell and Ramsour, Lyndon.  
 January 5—Mitchell county, meeting for organization of dairy artificial-breeding association, courtroom, Beloit.  
 January 5—Ottawa county, agricultural planning meeting, Jaccard, Minneapolis.  
 January 5—Hamilton county, beef school, Syracuse.  
 January 5—Cloud county, annual meeting, North Central DHIA, Concordia.  
 January 6—Kearny county, winter livestock school, Lakin.  
 January 9—Johnson county, annual meeting DHIA, Olathe.  
 January 9-10—Linn county, home improvement school, Mound City.  
 January 9—Seward county, crops and irrigation forum, Liberal.  
 January 11—Ford county, annual meeting of Western Dairy Herd Improvement association, Dodge City.  
 January 11—Johnson county, horticulture and poultry meeting, W. G. Amstein and M. A. Seaton, Olathe.

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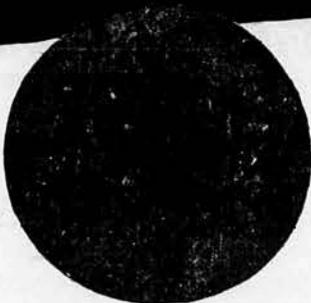
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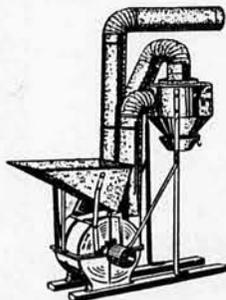
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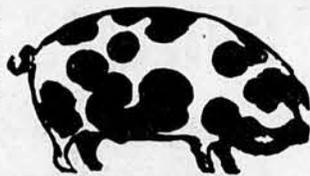
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## Foot-and-Mouth Fight Makes Headway in Mexico

Down There They Call It Aftosa or Le Fiebre Aftosa

By **GEORGE A. MONTGOMERY**



Dr. LaRoy Noyes, Topeka, left, is top U. S. technical man of the Commission. The Kansas Farmer camera caught him with Harry H. Johnson, Texas businessman, co-director, as he explained the 5-point program and the plan which divides the infected territory into districts. Map in background illustrates progress in the battle.

**L**IVESTOCK men can breathe easier now. The foot-and-mouth disease fight in Mexico is developing more favorably than the best-posted veterinarians dared hope 2 years ago when the Mexican-American joint commission had to turn from the slaughter-and-burial technique to vaccination. I discovered this on an 8-day visit.

When a top-spot administrator south of the border is asked when the campaign will end, you can't get him to circle a date on the calendar and tell you that's it. However, you can go out into the field and talk to young American veterinarians and find those who are confident the virus will be starved out and the work wound up by 1952.

Said one man at an executive desk: "I don't want to go out on a limb in predicting the final wind-up date. Instead, I am going to show you the budget set-up and let you judge from it what I think."

He sent for a memorandum that showed estimated expenditures of 23 million dollars for the fiscal year that ends next June, 10 million for 1950-51 and 3 million for 1951-52 period.

### An Unexpected Turn

He pointed out that unexpected setbacks can spoil any guess on the actual date the commission can wind up its work south of the border. Only a few days before, one of these unexpected turns had come. It was an outbreak of type-O, most deadly form of foot-and-mouth disease. To that date workers in Mexico had to deal only with type-A, mildest of the 3 known forms. Top mystery is how the new kind of virus was transferred to Mexico when the nearest known point of infection is South America, more than 1,500 airline miles away. It was wiped out promptly before it got off the ranch on which it first appeared, but its advent is critically important because (1) animals vaccinated against type-A virus showed no resistance to it; (2) its unexplained appearance suggests possibility that it could be carried by the same agency to uninfected areas of Mexico, or even to the United States.

The work in Mexico is the greatest livestock-disease control campaign ever undertaken. The virus entered that country with a shipment of zebu bulls unloaded at the port of Vera Cruz in October, 1946. During the next 4 months no effective steps were taken to check it. Before control work got under way it had spread from the Gulf of Mexico to the Pacific ocean. When quarantine lines finally were drawn, the disease had spread to an area larger than any state this side of our southern boundary except Texas. The territory involved had nearly 14 million cloven-hoofed animals.

Veterinarians set out to eradicate

the disease by slaughtering all animals infected or exposed. That method has been used successfully to wipe out the malady each time it invaded the United States. Such measures are stern, but are time-tried. They kept the disease off the continent of North America. When it invaded Europe, Asia, Africa and South America, it stayed.

The slaughter-and-burial program was stopped at request of Mexican authorities, who said the country's economy couldn't stand loss of the livestock it would be necessary to sacrifice to finish the work by that means. Vaccination of healthy animals, plus eradication of those infected, was proposed.

A start was made with foreign vaccine, but it was immediately apparent the world's existing vaccine-producing facilities were not adequate to handle the situation. A producing laboratory had to be set up in Mexico. Seven months after the switch from slaughter to vaccination, the first vaccine was produced in Mexico. Only 150 days later, production reached a million doses a month. The climb was gradual to August, 1949, when 5,200,000 doses were made. By then, reserves had been built up, and tapering off began. Doses applied have averaged more than 3 million a month since last March.

### Protection for 4 Months

No vaccine known will give an animal lifetime protection. That used has proved good for a 4-month period. Outside a live beast, the virus does not live long. That means if every animal in the infected zone could be caught in one round of vaccination the battle would be won. Workers haven't had the cooperation to make that possible. Mexican livestock owners have not been educated in the rudiments of controlling communicable diseases. Only a small percentage of infected animals die from type-A and troublemakers have spread the rumor that the vaccinator's syringe might prove more dangerous than the disease. Result is that many presented part of their stock for treatment and withheld the remainder. That has made it necessary to continue vaccination 3 times a year.

Top men of the commission say they are approaching that control point now. If things continue as they have the last few months, most syringe brigades will be pulled out of the field about April or May. Inspectors will stay on the job. They will be expected to spot an outbreak as soon as it occurs. Next step will be to hurry a stand-by crew to throw a protective ring of vaccine around the infection while it is being wiped out by a clean-up squad.

More than 6,500 civilians and about 4,400 Mexican soldiers have been employed. The fight has been costly. Even

(Continued on Page 11)

if everything goes smoothly from now on, total expenditures will be around 100 million dollars. About 50 million dollars were committed to the project in the 10 months of the ill-fated slaughter-and-burial program.

Since the switch to vaccination, the program carried on by the joint commission appears to have been efficiently administered. Thousands of cattle are needed for the manufacture and testing of vaccine. Prices paid for these cattle have followed the market as it declined. To the summer of 1948, the average cost to commission buyers was \$40.83 a head. Since that time it has

averaged \$31. In contrast the Production and Marketing Administration has paid an average of \$68.07 an animal for canned meat from surplus cattle in Northern Mexico. The meat-purchasing program was started to provide a market for cattle that normally would have been exported to this country had the border had not been closed.

Stockmen this side of the international boundary are likely to feel that the huge cost is justified if the infection is kept out of the United States. Thus far, the disease has been held 250 miles or more from the nearest ranches in this country.

## Fight Dread Disease

Twenty Kansans Join Hoof-and-Mouth Battle in Mexico

By CHARLES HOWES



Sanchez Givito, head of the Mexican section for public information, Aftosa Commission, stopped before the Kansas Farmer plane at Central airport, Mexico City, for this photo. Givito acted as chauffeur in transporting the writer and his passenger, Victor Juarez, Laredo, Tex., from the Commission offices to the airport.

THERE are 20 Kansans involved directly in the endeavor to wipe out hoof-and-mouth disease in Mexico. These veterinarians, technicians, supervisors or clerks are adding the know-how of the Blue Stem and Buffalo grasslands to the aptitudes and energies of nearly 600 men from Texas, Oklahoma, New Mexico, and nearly every other range state in the nation in waging this war alongside 3,000 Mexicans.

It is all a great experiment, say the officials, that was necessitated when the long successful, tested method of slaughtering to control the disease ran into a dead end. The Mexican stock owners just refused to co-operate, in fact, they undertook measures to oppose the project and the result was a switch to emphasis on the untried method of inoculation and inspection.

Dr. L. A. Noyes, of Topeka, is Associate Co-Director of the project, a position which puts words of a Kansan into the top drawer of the organization. In fact, Doctor Noyes is the top U. S. technical man of the Commission Mexico-Americana Para La Erradicacion de la Fiebre Aftosa, which is the hard way of saying Mexican-American Commission for Eradicating Hoof-and-Mouth Disease.

The writer visited Doctor Noyes, along with other officials of the commission. The commission headquarters at Cinco de Febrero No. 73 (which translates to No. 73 Fifth of February street) in the capital city is a bustling workshop where the large order of administering the program is being filled.

Doctor Noyes, a Kansas State graduate (class of '37), dropped into the office of co-director Harry H. Johnson, a Texan who shares the administrative responsibility for the program with Judge Oscar Flores. All were more than anxious to have a report on the progress of their program sent to the farmers of this state.

"The evidence which we have accumulated indicates that we should be successful," was the consensus, "and may be able to control this blight—but there are many problems to answer." This opinion has been emphasized by recent reports from the U. S. Department of Agriculture which has confirmed the re-

lease of a great many square miles of territory from quarantine.

It is estimated that all of the 14 million susceptible animals within the infected zone will have been vaccinated once during 1949, and that many will have been vaccinated twice. The vaccination program now is proceeding at the rate of more than 2,000,000 per month.

It must be realized that production of vaccine had to be brought from the laboratory stage to the mass production level since the outbreak. Also that quarantine, inspection, extermination, vaccination and disinfection constituted the 5 points of the program covering 62,000 square miles of rugged territory.

Obviously this is a big operation, in which the U. S. and Kansas have a big stake. That it may have far-reaching effect on the economic picture is a possibility. And it is well to remember that Kansans are playing an important role in the proceedings with more than ordinary recognition going to Doctor Noyes and Dr. H. T. Schaulis, former Wakefield veterinarian, for their work.

These Kansans are working with the hoof-and-mouth commission in Mexico: James D. Anderson (Admin. Off.), home town unknown; Dr. Arthur W. Brower (Vet.), Hutchinson; Dr. William M. Dicke (Vet.-Dist. Sup.), Paola; Roy H. Downs (LSI), born Wayside,—came from Douglass; Louise B. Greene (Mrs.), clerk, Cuba; Dr. John B. Healy (Vet.), Junction City; Dr. James L. Hourrigan (Vet.) (Dist. Supv.), born Langdon, came from Wichita; Earl W. Hupp (Q & D Tech.), Overbrook; Dr. Milo L. Johnson (Vet.), Topeka; Dr. Isaac Levine (Vet.), home town not known; Dr. David O. Manley (Vet.), born Wakarusa, came from Topeka; Edward B. Normile (LSI), born Purcell, came from Huron; Dr. LaRoy Noyes (Vet.) (Assoc. Co. Director), Topeka; Dr. Richard E. Omohundro (Vet.), Wellington; Dr. James A. Porter, Jr., (Vet.), Fredonia; Dr. Robert L. Pyles (Vet.), born Wichita, came from Topeka; Dr. John L. Riling (Vet.), Lawrence; Frank A. Robinson (Q & D Tech.), Manhattan; Dr. Harry E. Schaulis (Vet.), Wakefield; Dr. Elwood E. Wedman (Vet.), Harper.

What a gift for Christmas!



# Prince Albert

America's Largest-Selling  
SMOKING TOBACCO

★ To bring a smile to the face of any pipe smoker on your Christmas list — or to any man who likes to roll his own cigarettes — give Prince Albert! Choice, crimp cut tobacco — mild and full-flavored! And the big one-pound tin comes gift-packed in a colorful Christmas package — with a "built-in" gift card right on top!

R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

THE NATIONAL JOY SMOKE

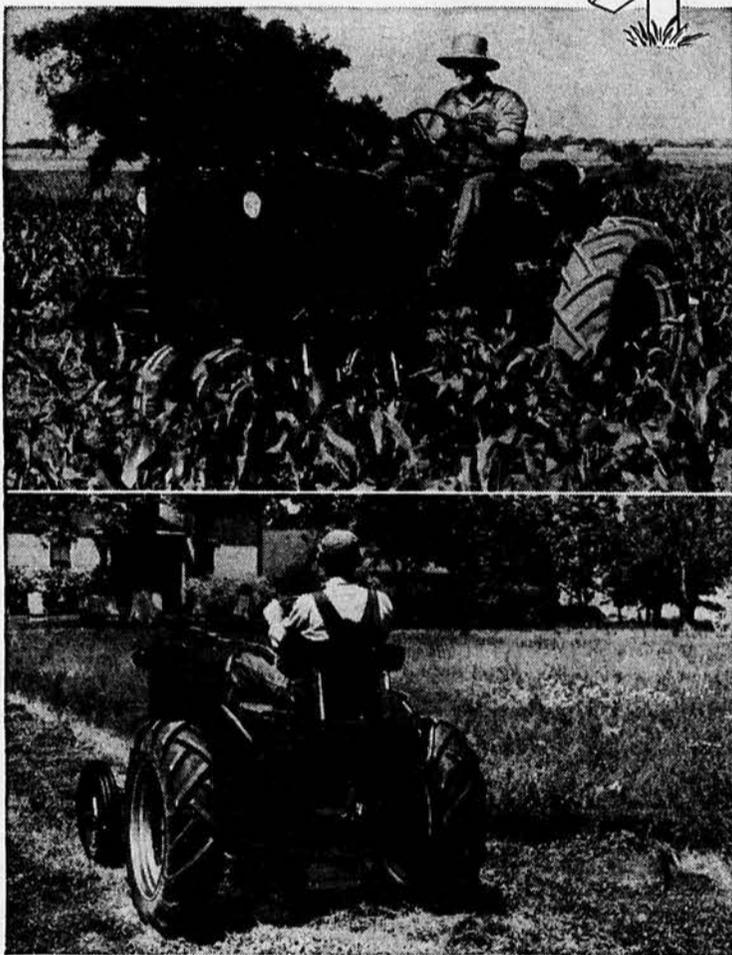
MAKE A BIRTHDAY GIFT to Crippled Children

Christmas Day is the 28th birthday of

The Capper Foundation for Crippled Children, Topeka, Kansas

# pay dirt farming

**WITH ALLIS-CHALMERS  
HYDRAULIC-ACTION  
B AND C TRACTORS**



Quiet V-Belt Mower has a new vari-speed drive with high strength V-Belt which absorbs shock, vibration and noise. Front-mounted in full view on either the B or C Tractors.

The wisest idea of 1950 may be for you to make your place a two-tractor farm.

Here is a choice of two tractors that will fit your budget. Either costs less to own and operate than horse equipment. Both have the last word in hydraulic fingertip control... with Quick-Hitch front-mounted implements priced lower than horse tools.

Most economical cultivating tractor ever built, the 2-row Allis-Chalmers Model C lets you see. Relax on the wide cushion seat and watch the rows ahead, with Dual Depth control gauging each gang depth accurately and independently.

The same aggressive, versatile power is yours at even lower cost in the standard type Model B, shown above with Full-Vision V-Belt Mower. A wide line of full-vision C or B implements is available, all with hydraulic control.

Your family farm can hit pay dirt, with two tractors doing two field or chore jobs simultaneously. It's an idea to talk over with your Allis-Chalmers dealer.

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

## Mohler to Retire

With Board of Agriculture 57 Years



J. C. Mohler

**U**NDER direction of Secretary J. C. Mohler, and with faithful co-operation of outstanding farmer board members, the Kansas State Board of Agriculture has done a great work, made an enviable record. Many of its agricultural ideas have been copied by other states. Sparked by Mr. Mohler, a Kansas farm-safety campaign not only spread to every county in Kansas, but to many other states and several foreign countries.

Efficiency of Mr. Mohler and his capable staff has been a source of satisfaction to farm folks, and to farm magazines, newspapers and radio stations serving agriculture. When factual information about crops and livestock was requested, it was promptly forthcoming.

Now Mr. Mohler has decided to resign as secretary. His decision in this must be respected. And the sincere good wishes of legion upon legion of friends go with him as he takes a little rest. But his influence will march right along keeping step with progress. The whole plan of action so successfully followed by the board's office still remains on duty, as does a carefully selected and thoroly trained staff. Mr. Mohler has built an organization on which Kansas can depend.

Unquestionably this fine record is due to many factors, but to one important point especially. This is the fact that the board is controlled by farmers for farmers. (We introduce the present board of agriculture members on pages 6 and 7 of this issue. Each one has distinguished himself in many ways.) Indeed, the Kansas State Board of Agriculture is in capable hands. Farm folks in Kansas must remember that if any further attempts are made to throw the department into politics. The pres-

ent board will select the next secretary. They will be free to do this on merit alone. They have no political debts to pay.

Mr. Mohler's official services will end at the January annual meeting—after 57 years of service to the people of Kansas, 35 years as secretary of the board. To list the many phases of agriculture that have received his direction and careful workmanship would be impossible. But here are a few major features that highlight his career:

Chairman, Kansas State Entomological Commission, from 1914.

Member of the Board of State Fair Managers.

Secretary, State Council of Defense, World War I.

Member of the State Advisory Committee, U. S. Food Administration.

Organized the Committee for Seed Wheat Loans, 1917.

Secretary of the Kansas Agricultural Council, 1919.

President, Central Seed Wheat Association, 1923.

Member of the Kansas Committee on Relation of Electricity to Agriculture.

Chairman of the State Housing Board.

Chairman of the Committee on Wheat Varieties in Kansas.

Member of the State Safety Council; President 2 terms.

Chairman, State Farm Accident Prevention Committee.

Member and former President of the Kansas Poultry Industry Council.

President, National Association of State Secretaries of Agriculture, 1925.

Member of the State Council of Defense, World War II, and Chairman of its Agricultural Production Committee.

Member of the State USDA Council.

Chairman of the Kansas Committee of Seed Wheat for Russia, 1943.

State Chairman for Agriculture on Navy Day, 1944-45.

Member of the Farm Committee of the National Safety Council.

A practical farmer, owning and operating a Shawnee county farm for several years.

Mr. Mohler's honest work and untiring efforts have been recognized by many of the state's leading institutions and organizations. In 1914 Washburn College awarded him an honorary LL.D. Kansas State College awarded him an honorary Doctor of Agriculture in 1946. He received a citation for outstanding service to 4-H Club work, he is an honorary member of Gamma Sigma Delta and the Block and Bridle Club at Kansas State College, and is an honorary member of the Kansas Poultry Institute.

Mohler's official service in agriculture has been long, worthy, comprehensive. His career in public life has been an example of the ideals upon which the American system of Government was founded.

## National 4-H Winners From Kansas

**W**ITH 8 national 4-H Club champions, Kansas ranks second only to Illinois this year. The 8 Kansas national champions are:

Joan Engle, 17, Abilene, clothing achievement. She wins \$300 scholarship from Spool Cotton Co.

Duane Traylor, 19, El Dorado, dairy production. Wins \$300 scholarship from Kraft Foods Co.

Norma Karhoff, 17, Labette, food preparation. Wins \$300 scholarship from Servel, Inc.

Carol Jean Blackhall, 18, Sterling, girls' record. Wins \$300 scholarship

from Montgomery Ward, Chicago, Ill.

JoAnn Hunt, 16, Arkansas City, home grounds beautification. She wins educational trip to National 4-H Congress from Mrs. Charles R. Walgreen, Chicago.

Faith Boon, 16, Eureka, health. Wins national blue-ribbon award from Kellogg Co., Battle Creek, Mich.

Henry Tharp, 17, Winfield, poultry. Wins \$300 scholarship from Dearborn Motors Corp., Detroit.

Harold Biegert, 20, Junction City, soil conservation. Wins \$300 scholarship from The Firestone Tire and Rubber Co., Akron, O.

### Safe Water for the Farm

Here is a 45-page guide on maintaining and safeguarding the water supply. Different types of power pumps as well as hand pumps are shown in the bulletin. Water storage, cisterns, ponds and the various types of wells are taken up in turn.

To order this bulletin, "Safe Water on the Farm," send 3 cents to Farm Service Editor, Kansas Farmer, Topeka.

### Rug for Stool

If the stool to the vanity dresser needs recovering, try covering it with one of those lovely shaggy rugs. They come in delicate shades and will match your rugs.—E. H.

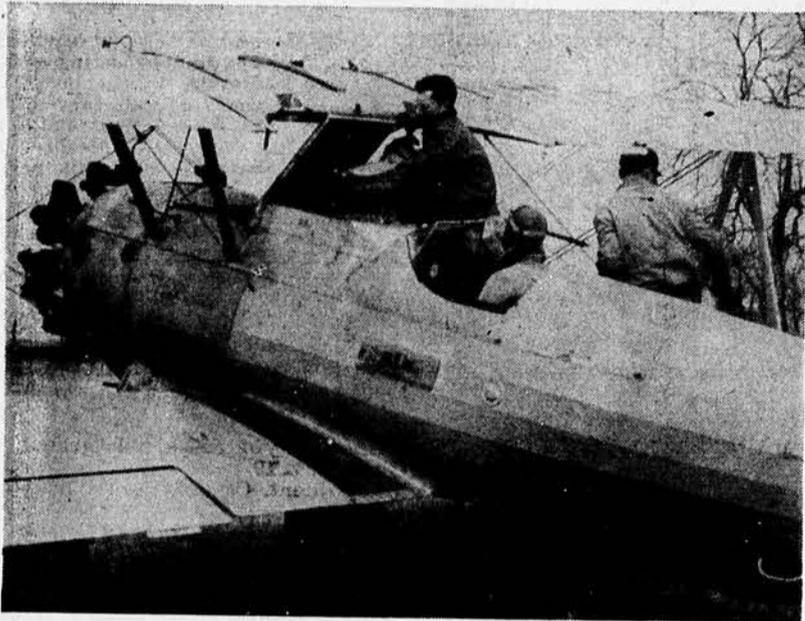
### Glove Protects Hand

Keep a clean, white cotton glove handy and slip it on your hand when grating coconuts or vegetables. It gives ideal protection against those painful cuts on fingers and knuckles and is no trouble to wash.—Mrs. F. F.

# Nitrate by Air

Several Hundred Acres Fertilized Last Season

By ED RUPP



As shown here, fertilizer was dumped one sack at a time last year into the Stearman plane operated by Cecil King, Winfield. It required more time on the ground than in the air. This year Mr. King will improve on that method which will increase efficiency and lower costs. (Photo by C. J. Whitson, Winfield.)

**Y**OU can spread ammonium nitrate efficiently with an airplane. That was done on several hundred acres in Cowley county last year. And chances are even more will be spread from the air this winter.

Due to wet soil or snow conditions, applying ammonium nitrate on small grains often is a catch-as-catch-can job. The fertilizer should be applied to wheat before March for best results. But often it is impossible to get on the fields before March. That was true over large areas last year. Much nitrate was applied in April, too late for best results.

Oliver Shoup, Cowley county farmer, and Cecil King, Winfield airport operator, beat the mud last year. They applied the fertilizer with a plane equipped for dusting and seeding work. Mr. King applied 75 pounds of ammonium nitrate an acre on 110 acres of wheat on the Shoup farm.

### Plane Did Even Job

While the fertilizing job was being done, Mr. Shoup placed a large canvas out in the wheat field. It looked like the plane was doing an even job of spreading. There was an even sprinkling of fertilizer on the tarpaulin. Nitrate on the tarpaulin was gathered up and spread elsewhere on the field. That spot without nitrate was visible thru-out the wheat-growing season. Mr. King says you could nearly measure the size of the canvas by the spot left in the field.

Final result of the nitrate application on the Shoup farm looked like this: No nitrate, 24 bushels an acre. With nitrate, 75 pounds an acre, 32 bushels an acre. This fertilizer was put on in March.

It was the first year Mr. King had tried spreading fertilizer by airplane. He applied 22,300 pounds of the chemical with a Stearman plane. With the exception of 100 pounds an acre applied on 60 acres of oats, all was applied to wheat at the rate of 75 pounds.

There had to be some experimenting done. As it turned out, Mr. King says

his first job was the best. He flew 25 to 30 feet above the ground on that job and distribution was better than when flying closer to the ground. When flying lower the crop was streaked and it ripened unevenly. Apparently the fertilizer was not distributed evenly.

Mr. King was able to haul a pay load of about 600 pounds of fertilizer in the Stearman that was equipped with a 220-horsepower engine. This year he plans to install a 450-horsepower engine that will increase speed of the plane 20 to 25 per cent and increase the pay load up to 800 or 900 pounds. With the increase in power shorter turns at the end of the field will be possible. Another timesaver as well as a safety factor.

Cost of application to the farmer was about \$4.30 an acre, Mr. King reports. That included fertilizer. Application expenses alone were figured at 2 cents a pound, or \$1.50 an acre for 75 pounds of nitrate.

The fertilizer was applied at the rate of 30 acres an hour. But Mr. King hopes to double that. Increased speed of the plane will account for some saving of time. But last year it took longer to empty the fertilizer sacks into the plane than to spread the chemical.

This year Mr. King says he intends to fill the hopper in the plane with a special device that will eliminate much of the ground time. Improvements in efficiency which he has in mind will bring the price of application down below the level of \$1.50 an acre. Perhaps quite close even to the price asked for ground application of the fertilizer.

### Feed Cows Twice?

You can save chore time by feeding dairy cows only once a day, but once-a-day feeding will lower milk yield, reports the U. S. Department of Agriculture.

In experiments with 2 groups of cows of equal production ability, those fed twice daily ate 10 per cent more hay and produced 6 per cent more milk, but required 70 per cent more labor for feeding than cows fed once daily. Grain consumption was about the same for both systems of feeding.

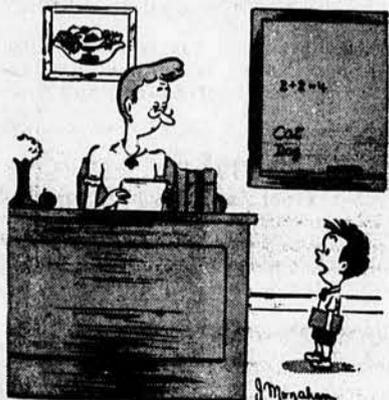
Net returns, figured on production vs. labor on a 20-cow herd, showed a slight edge in favor of twice-a-day feeding. On some farms, however, the saving in labor might more than offset loss of milk production.

### Heat Putty

To remove old putty that is hard and dry from windowpanes, pass a red-hot soldering iron over the putty and it will loosen easily.—M. E. L.

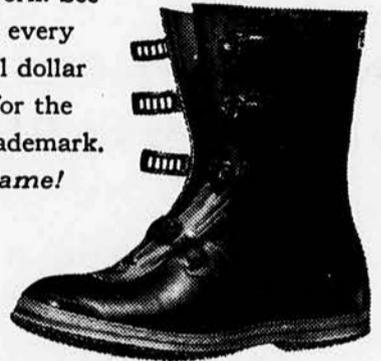
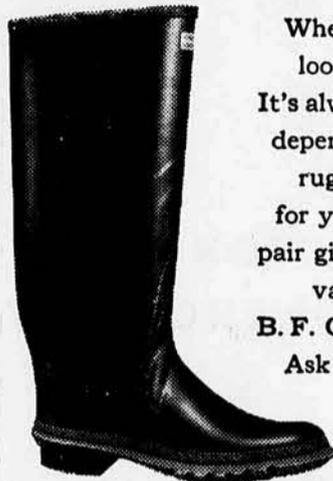
### Reflects Light

To make a dark clothes closet lighter, cover the floor with a piece of light linoleum. You will be amazed to see how it will reflect the light and make clothes easier to find.—Mrs. O. W.



"Miss Dalton! Didn't you pass last year either?"

# For a "bargain" in price and service



When you want service and economy . . . look for the name B. F. Goodrich! It's always your assurance of long, dependable wear for rugged farm work. See for yourself how every pair gives you real dollar value. Look for the B. F. Goodrich trademark. Ask for it by name!

# Insist on this famous name B.F. Goodrich

Footwear Factories, Watertown, Mass.

## "Freed from NERVOUS WORRY"

"My nervous state was due to drinking coffee. Switching to POSTUM calmed me—I stopped worrying and began to really enjoy life!"



**SCIENTIFIC FACTS:** Both coffee and tea contain caffeine—a drug—a nerve stimulant. So, while many people can drink coffee or tea without ill-effect—others suffer nervousness, indigestion, sleepless nights . . . POSTUM contains no caffeine or other drug—nothing that can possibly cause nervousness, indigestion, or sleeplessness.

**MAKE THIS TEST:** Drink POSTUM exclusively for 30 days—judge by results! . . . INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran.

Add Years To Your Silo With

# SILO SEAL

Merit

The acid in silage, over a period of years, causes the lining of silos regardless of construction material, to disintegrate. Immature feeds and excessive moisture silage, being extremely high in acidity, are especially injurious to silo linings.

Silo Seal has been successfully used for nineteen years by Kansas Farmers and Dairymen and can be applied as silage is fed out, thus eliminating scaffolding. Write today for literature. Immediate delivery.

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McPherson Concrete Products Co.  
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Since 1875 Hyer has been making America's finest boots for dress or hard service. The old West's most skilled bootmakers (4 generations) produce them from ONLY full grain premium leather. Unmatched comfort built right in, smart design, and a long life of service identify them. Our best recommendation stems from the fact that chances are your grandfather, great-grandfather, (father, too) wore Hyer. Any wonder Hyer boots are in such demand?

HYER makes Boots for HIM • HER  
Regular and custom-made styles



# C. H. Hyer and Sons

Makers of Fine Boots Since 1875

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Ask your dealer for Hyer Boots or Write Direct for Dealer's Name.

# Your Dollars BUY STILL MORE

IN A 1950 CASE TRACTOR WITH  
NEW HYDRAULIC CONTROL...



Comes on Models "SC" and "DC"—optional on four-wheel models of these sizes and the "LA."

## Your Dollars GO STILL FURTHER AS YOU CUT THE TIME PER JOB

● Here is a practical answer to the big question of today—how to cut down farming costs. It's the faster work, greater capacity and proved economy of Case tractors—plus still greater savings of time with the new Case hydraulic implement control. It's really FAST, lifting and lowering, to save you time on the turns. It's also as slow as you like, for accurate adjustment of plow depth, disk angle or cutting height.

In a Case tractor you get the eager, steady power of a long-stroke, heavy-duty engine—Case-built to run long hours without faltering, long years with consistent fuel economy. You get gear speeds to make the most of its power with every implement. You get lugging power to pull through tough spots.

Demand proof on all these points. Let your Case dealer demonstrate in your own fields how much time you can gain, how much you can cut down your farming costs with a Case tractor.



### Send for Big New Tractor Book

See in pictures the reasons for extra performance and economy of Case tractors—power-saving transmission... fuel-miser carburetion... tunnel-type oiling system... quick-dodge steering. Send for catalog on the size to fit your farming—say whether 2-plow "VA" Series, larger 2-plow "S" Series, 3-plow "D" Series, or the mighty 4-5 plow Model "LA." Ask for folders on any kind of plow, harrow, grain drill, planter or cultivator you need. J. I. Case Co., Dept. M-47, Racine, Wis.

## An Easier Way

(Continued from Page 5)



This measuring device lends accuracy to the job of feeding. It is a great time-saver, too. Pipe section between 2 slides holds exactly 1/2-gallon of feed. Feed slides down the pipe from overhead bin.

so in just so many words. But they seem a great deal more eager to come into the milking parlor than to leave. Just 2 or 3 times up the ramp and into the stall and the cows file into the parlor of their own accord. They fit themselves into the scheme of things surprisingly well.

Going out sometimes is more difficult. Some cows like the parlor so well, or maybe it's the grain, they have no desire to leave. At such times the stall gates can be used as bumpers to edge the cows along. Perhaps they weren't intended to work that way, but they do.

Both Mr. Oyler and Mr. Kaufman have holding pens outside for the milk cows. And both holding pens have concrete floors so cows are quite clean when entering the parlors.

With only 3 cows in the parlor at a time, there is no delay in getting them milked. Consequently there is less danger of getting the parlor dirty. There is an iron-grate floor drain at the rear of each stall, which also has a great deal to do with cleanliness of the parlors. And the operator in the Oyler parlor is protected even further from this end of the stall by a projection of the stall wall. It confines manure to a small area.

Also, the feed box in the Oyler parlor is protected by a metal shield. The cow cannot see what is going on in the parlor when she is eating grain. At the same time grain remains in the box. There is no spillage.

There is some difference in milking equipment used by the 2 men. Mr. Oyler uses an upright, bucket-type milker that is placed on a small cast-iron bench in the operator's room. Mr. Kaufman uses a type of milker that

ordinarily is suspended beneath the cow by a strap. This strap would be inconvenient to use, so he fashioned a holder of his own design attached to the operator's side of the stall. This milking-bucket holder can be adjusted upward and downward or forward and backward to fit any size cow.

Since making his bucket holder, Mr. Kaufman learned one could be purchased ready-made from a milking-equipment company. He bought some but had not installed them when we visited his farm. The new holders will be much easier to operate, Mr. Kaufman points out.

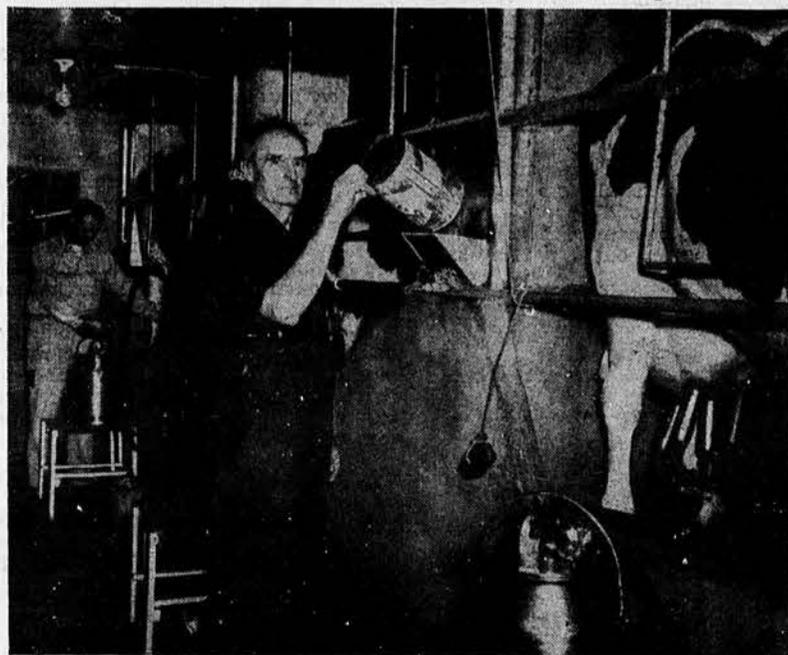
In the Oyler parlor the feed room adjoins the milking parlor. Feed is delivered to the cows thru a projection lip and slot cut into the metal facing around the feed box. It does necessitate walking from feed room to stall for each cow.

An interesting improvement on the job of feeding has been worked out by Mr. Kaufman. Ground feed is blown into a special bin built like a large cupola on the roof of the building. Feed boxes are serviced by individual pipes leading from the overhead feed bin.

To lend accuracy to the job of feeding, each pipe is equipped with double slides. Space between the slides holds exactly 1/2 gallon of feed. Pushing in the upper slide, flow of feed is cut off. Then by pulling out the lower slide, 1/2 gallon of ground feed is dropped automatically into the feed box. It saves thousands of steps a month, says Mr. Kaufman.

There is an anticipated objection to the 3-stall parlor. It takes too long to milk a large herd of cows. Or, cows do

(Continued on Page 15)



Roy Cessna, foreground, who works for Marshall Oyler, background, empties can of feed into projection lip provided for second stall. Feed slides down into feed box and cow doesn't see operator at work. This parlor is easily kept clean. Filth is confined to small area.

not have time to finish their grain which means a delay to milking time. But both Mr. Kaufman and Mr. Oylar are convinced there is no delay with the 3-stall parlor. Mr. Kaufman has been milking his cows in his parlor 2 years. He says it takes him about 1 hour to milk 20 Holsteins. And that allotted time includes about 15 minutes for barn cleaning. In other words, 45 minutes for milking, 15 for cleaning. And in that 15 minutes the parlor can be made almost spotless.

Mr. Oylar agrees on the cleaning time. He also says it takes only about 15 minutes to do the whole job of cleaning up after milking. It's a simple matter with the new parlor, he points out, because the area requiring cleaning is so limited. He estimates it takes nearly 2 hours to run thru his herd of about 30 cows.

Both men point out that the 3-stall parlor can keep one operator busy and still give the cows plenty of time to eat their grain. The job can be speeded up with 2 operators, giving the cows less grain in the parlor and making up the difference with outside feeding. For that matter, cows would rather eat outside anyway. They eat better outdoors than indoors.

Cost of both of these parlors was astonishingly low. Mr. Oylar says his parlor cost about \$1,700. Mr. Kaufman says his parlor cost a little less than that figure, but it was built 2 years ago. Both men provided much of their own labor which helped reduce initial costs.

Now that he has had his milking parlor for 2 years, Mr. Kaufman points out a few changes he would make if doing the job over. First, he says he would make the stalls just a little bit longer. At present there are about 7 feet, 11 inches of cow room lengthwise in each stall. And, he says he would make the stalls narrower to prevent side movement of cows. Original width of his stalls was 38 inches. He installed a bumper bar to bring cows closer to the operator by 8 inches. He says he should have reduced stall size 10 inches.

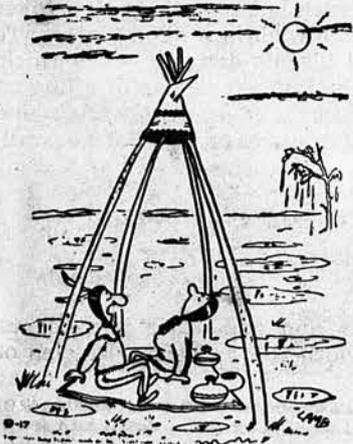
Both men must carry the milk from cows to the milk room. But they can, in the future, equip their parlors to transport milk directly from cows to cans in the milk room by means of stainless steel or plexiglass pipes. And the pipes will be quite short. This method of milking is somewhat new but meeting favor in other areas. It puts an end to that time-consuming job of carrying milk from cows to cans. It also helps prevent contamination because the milk is not exposed to open air. And when milking is done directly into the can while it is in a cooler, there is less delay in bringing down the temperature. Another step in reducing bacterial action.

**Fine Seed Crop**

In a back-handed manner, grasshoppers last summer were a blessing in disguise on the Homer French farm, Kingman county. Mr. French had 15 acres of alfalfa, part of which was a first-year stand. It produced a ton of hay an acre the first cutting.

But hoppers were making the hay the second cutting. Chlordane was used as treatment for the hoppers. He delayed cutting the crop, waiting for rain to wash off the chemical. It didn't rain soon enough to make hay out of the crop. But it did make seed, 5 bushels an acre of Buffalo alfalfa. But by that time it was too late to get the crop certified but 5 bushels of seed an acre is a very fine seed crop, anyway.

Mr. French says he used 100 pounds of 4-16-0 as starter when seeding the alfalfa. The following spring it was fertilized with an additional 100 pounds of 45 per cent superphosphate.



"You and your bargain specials!"

**Cross Wheat With Grass**

Plant breeders in other countries reportedly have secured a perennial wheat by crossing wheat with wheat grasses. Kansas plant breeders have been working on such crosses, along with other plant breeders in this country, but with a different purpose.

The object of crossing wheat and wheat grasses in this country is to obtain resistance to rust and other diseases and to get ability to withstand extremes of heat or cold.

**Flying Preacher**

Providing rapid transportation for the pastor of his church is one of the uses Howard Brockhoff, Brown county, makes of his 2-place airplane. And Rev. H. Bentz, who lives in Humboldt, Nebr., apparently has a fine regard for the airplane as a means of getting from place to place quickly.

It works this way: Reverend Bentz

conducts Sunday morning services at his church in Humboldt. Then Mr. Brockhoff flies him down to conduct afternoon services in the Old Fairview Lutheran church in the afternoon. The Old Fairview church is only a few miles out of town, but is just across the road from Mr. Brockhoff's hangar and landing strip on his farm.

This weekly trip has been going on for nearly 2 years.

**Born in 1862**

Dear Editor: Someone wanted to know of Kansas folks born in 1862. Mrs. A. E. Griffith, R. 2, Horton, was born February 7, 1862, in Atchison county and has lived all her life in Kansas—Atchison, Washington, and Brown counties. She and Mr. Griffith were married March 18, 1866, and are still able to live alone. Mr. Griffith came to Kansas at the age of 7 from Virginia and was born October, 1862.—Ruth Hueings, Horton.

**So Many Good Things**

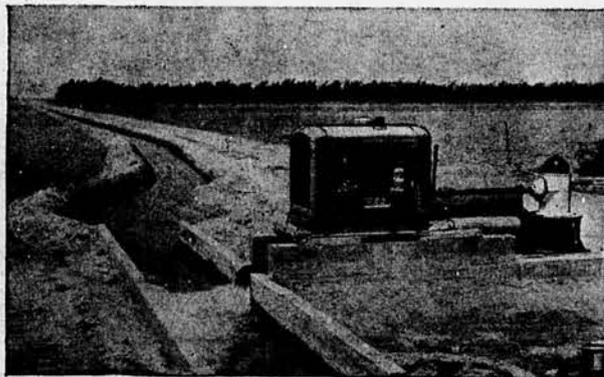
Dear Editor: I am another one interested in early Kansas pioneer experiences. The boys and girls who are given trips to foreign, far-away places tell the story of their experiences in such a way we get much better stories of the home life of the places they visit than from history or geography. The story of Kansas Early Days is the basis of another scrapbook in my library—yet there are so many good things in Kansas Farmer that it's hard to draw the line. Western Kansas is having lovely weather and wheat is making a good pasture for stock.—Mrs. A. L. Stepp, Smith Center.

**Vase Repair**

If your favorite vase or flower bowl becomes cracked, coat the inside with a thick layer of paraffin and the container can be used indefinitely.—Mrs. E. L.

**CHOOSE GM DIESELS**

**FOR BIGGER FARM PROFITS**

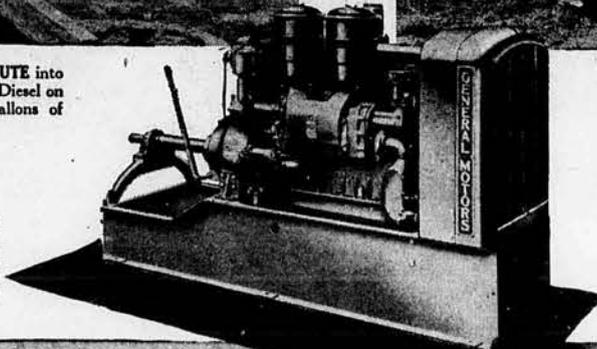


**PUMPING 3,500 GALLONS PER MINUTE** into irrigation ditches, this 4-cylinder GM Diesel on a pump in Texas uses only three gallons of Diesel fuel per hour.

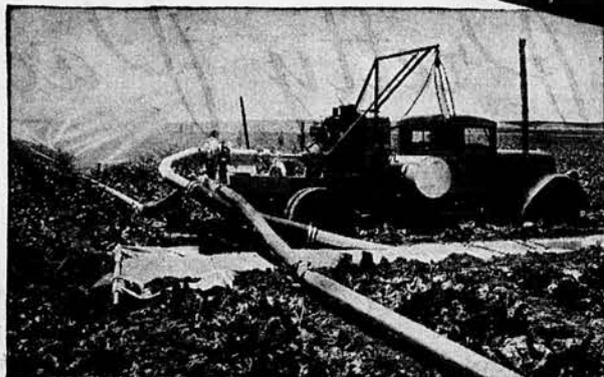


**GM-DIESEL-POWERED** Allis-Chalmers tractor on Washington ranch, plows wheat stubble in third gear going uphill. Powerful and easy riding, this HD-5 tractor is pulling two 4-bottom, 14-inch plows.

**RAIN MADE TO ORDER.** This mobile overhead irrigation system, powered by a 3-cylinder GM Diesel, puts down nearly three acre-inches of water an hour for bumper crops of sugar beets in California.



**PRODUCTION WENT UP 50%**—and fuel costs dropped two thirds—when an Iowa miller replaced gasoline power with GM Diesels on portable feed mills. The oldest unit has been in service three years without overhaul.



**FROM** cotton ginning to feed grinding— from plowing to pumping—wherever you use power, General Motors Series 71 Diesels will get more work done—and get it done at lower cost. They use safe, inexpensive fuel and squeeze maximum power out of every drop.

They are 2-cycle, which means they deliver power on every piston down-stroke. They're more compact, smoother in operation and easy to maintain. This modern Diesel power is making money for others—it will make money for you. Let us give you all the facts.

**DETROIT DIESEL ENGINE DIVISION**

SINGLE ENGINES...Up to 200 H. P. **DETROIT 28, MICHIGAN** MULTIPLE UNITS...Up to 800 H. P.

**GENERAL MOTORS**

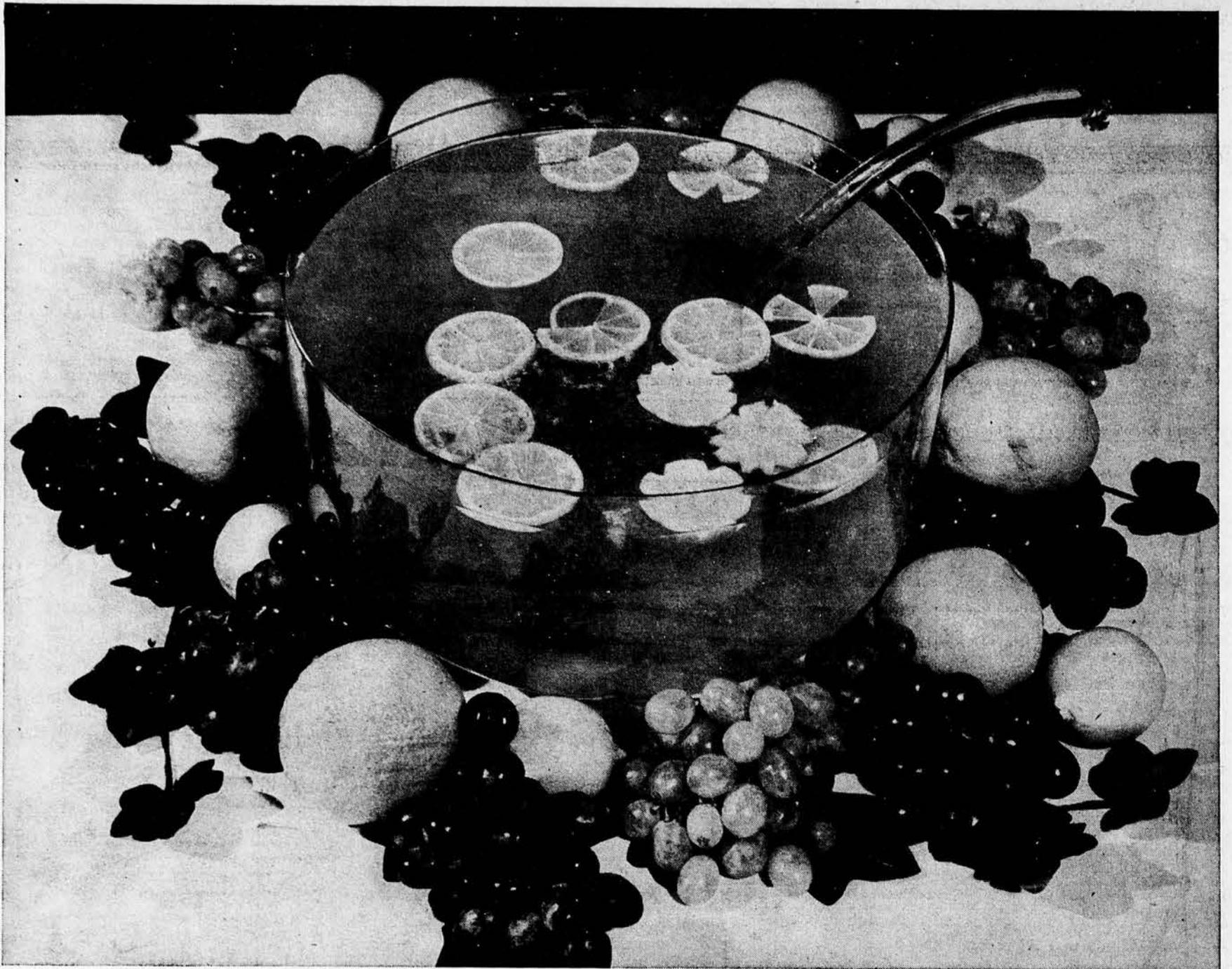


**DIESEL BRAVN WITHOUT THE BULK**

**Ben Hasz (Dealer)**  
108 First Street  
SCOTT CITY, KAN.

**K C Diesel Power Co.**  
1711 Swift Ave.  
N. KANSAS CITY, MO.

**Diesel Equipment Co.**  
355 North Washington  
WICHITA, KANSAS



# Plan a Pretty Party

By Florence McKinney

**T**HE charm of a party, whether at home, at the club or at the church lies largely in the daintiness of the food and the manner in which it is served. Food at a pretty party is not intended to feed the hungry but to promote sociability.

The inexperienced hostess is likely to serve too much food, a mistake if the party is to be a success.

Get out your best linen, china, glassware and silver. And gay flowers too will help make the occasion an experience to be remembered by your guests as well as yourself.

Club refreshments should be simple, light in food values and attractive and colorful. Sit down and spend some time planning just how to serve it. Planning pays off in the end.

A heavily loaded refreshment plate dulls the appetite too for the regular meal to follow and proves to be less attractive and the already-plump will know that heavy refreshments add extra pounds.

For afternoon club meetings the following light refreshments are suitable.

## Menu No. I

Nut Bread Sandwiches      Candied Orange Peel  
Hot or Iced Tea

## Menu No. II

Assorted Cookies      Salted Nuts  
Hot Tea or Coffee

## Menu No. III

Fruit Cake      Mints  
Hot Coffee

## Menu No. IV

Dainty Sandwiches      Mints and Glazed Nuts  
Coffee

For evening parties, the refreshments may be a little heavier than for afternoon parties. Some suggestions are:

## Menu No. I

Hot Gingerbread with Chocolate Sauce  
Salted Nuts      Hot Coffee

## Menu No. II

Orange Bread Sandwiches      Salted Nuts  
Hot Coffee

## Sunday Night Supper No. I

Scrambled Eggs  
Whole Wheat Muffins with Preserves  
Cocoa      Apples      Popcorn

## Sunday Night Supper No. II

Waffles with Honey or Sirup      Link Sausages  
Fruit Salad      Coffee

## Sandwich Fillings

Ground raisins and nuts spread on thin slices of buttered bread make a delightful sandwich for a party. Cream butter until the right consistency to spread and mix with enough chopped parsley to suit your taste.

Hardly a sandwich but something that takes the place of a sandwich is a filled biscuit. To make these, roll biscuit dough ½-inch thick. Cut 2-inch rounds. Put a teaspoon of filling on half the rounds, wet the edges lightly all around and press the other halves on top. Bake as ordinary biscuits.

## Dried Fruit Confection

1 pound dried apricots      1 orange  
½ cup sugar      1 cup chopped nuts

Grind apricots and add other ingredients. Make into a smooth roll and slice. Raisins or dried figs, dates or peaches may be used instead of the apricots. Lemon may be used instead of the orange. The amount of sugar should be adjusted to your taste. [Continued on Page 18]



# Betty Crocker gives you Cut-out Patterns for Perfect Holiday Cookies!

Betty Crocker tells how to make these quick and easy holiday cookies without a cookie cutter!



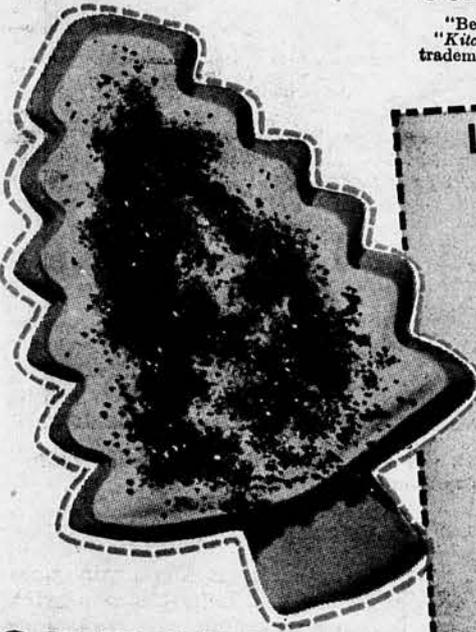
THERE will be a new kind of horse on the farm during the holidays... a "hobby" horse like the cookie shown at right. Yes, and other figures can be made with these handy cut-out patterns. Just cut them out, paste on cardboard—then trim cardboard and use as a pattern to cut your cookie dough.

To be sure of turning out delicious cookies like these, you must have the right flour. Gold Medal "Kitchen-tested" Enriched Flour is put through many thousands of careful tests each year to make sure that its baking qualities are always superbly uniform. With Betty Crocker recipes, you're doubly assured of perfect baking results every time... with everything you bake. Women know this—that's why more sacks of Gold Medal Flour are bought than the next five brands combined.

General Mills

"Betty Crocker" and "Kitchen-tested" are reg. trademarks of General Mills.

MORE SACKS OF  
GOLD MEDAL FLOUR  
ARE BOUGHT  
THAN THE NEXT  
5 BRANDS COMBINED!



## Light or Dark Cookies from this Quick and Easy Holiday Recipe

MAKE ONLY WITH GOLD MEDAL FLOUR

### DARK DOUGH

- Mix together thoroughly
  - 1/2 cup soft shortening
  - 1/2 cup brown sugar (packed in cup)
  - 1 egg
  - 2/3 cup molasses
- Sift together and stir in
  - 2 3/4 cups sifted GOLD MEDAL Flour
  - \*1 tsp. soda
  - \*1 tsp. salt
  - 2 tsp. cinnamon
  - 1 tsp. ginger

Chill dough. Roll out thick (1/4"). Cut into desired shapes. Place 1" apart on lightly greased bakingsheet. Bake until, when touched lightly with finger, no imprint remains. Ice and decorate when cool.

Temperature... 375° (quick mod. oven).  
Time... Bake 8 to 10 min.

Amount... about 5 dozen 2 1/2" cookies.  
\*If you use Gold Medal Self-Rising Flour (sold in parts of the South) omit salt and reduce soda to 1/4 tsp.

### LIGHT DOUGH

Follow recipe for Dark Dough except substitute honey for molasses and granulated sugar for brown. Use 1 tsp. vanilla in place of cinnamon and ginger.

DECORATIVE ICING—Into 1 cup sifted confectioners' sugar stir just enough water (about 1 tbsp.) to make an icing that will hold its shape when forced through a pastry tube. Tint if desired with a few drops of food coloring. (File into pastry tube and squeeze through narrow opening to make lines to outline cookies.) For spreading on cookies, thin icing with a little water.

and remember—Gold Medal Makes Wonderful Bread!



Gold Medal Flour comes in big, thrifty, family-size sacks of 25, 50 and 100 lbs.

## SPECIAL GET ACQUAINTED OFFER

LIMIT ONE TO A FAMILY!

**YOURS** This lovely Queen Bess pattern tablespoon for 30¢ and the Betty Crocker picture from the recipe folder in your sack of Gold Medal Flour. Use coupon at right!

Here's your chance to start, or add to, a silverware set you'll treasure for years to come. It's the graceful, satin-smooth, rich-looking Queen Bess pattern silverware, made exclusively for General Mills.

Get a complete set by redeeming the coupons in sacks of Gold Medal Flour and 16 other General Mills Grocery and Home Appliance products. Send for your Queen Bess pattern tablespoon today!



## SEND FOR YOURS TODAY!

GENERAL MILLS, INC., Dept. 137  
623 Marquette Avenue  
Minneapolis, Minn.

Please send me Queen Bess pattern tablespoon. I enclose the Betty Crocker picture from my Gold Medal Flour recipe folder and 30¢ in coin.

.....  
(PRINT NAME)  
.....  
(ADDRESS)  
..... (CITY) ..... (ZONE) ..... (STATE)

(This order blank must be mailed before Jan. 15, 1950)  
LIMIT ONE TO A FAMILY!

CREATED BY FAMOUS ONEIDA COMMUNITY SILVERSMITHS IN TUDOR PLATE

# 3 TIMES AS MANY WOMEN PREFER FLEISCHMANN'S YEAST



"It works extra-fast because it's extra-active. One yeast I can depend on always!"

## 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!**

## Change your screen doors to **STORM DOORS**



patented  
**PRO-TEX-MOR  
SCREEN DOOR  
COVERS**

**\$1**

Keep warm and save fuel this winter. You can put up this Screen Door Cover yourself in

just a few minutes. Made of extra heavy Kraft paper, specially treated to keep out wind and cold. Big, transparent window is 19 x 9 inches. Fits any door up to 36 x 84 inches. Get them for front door, kitchen door, chicken houses, etc. Comes complete with nailing strips and tacks. At leading department and hardware stores.

**WATER-PROOF • COLD-PROOF • STORM-PROOF**

Manufactured by **CENTRAL STATES PAPER & BAG CO.** St. Louis 15, Mo.

## Plan a Pretty Party

(Continued from Page 16)

### Glazed Nuts

- |                 |                            |
|-----------------|----------------------------|
| 1½ cups nuts    | ¼ teaspoon cream of tartar |
| 2 cups sugar    | ¼ teaspoon salt            |
| 1 cup hot water |                            |

Mix the sugar, cream of tartar, hot water and salt in a small saucepan and place over a hot fire. Stir until sugar is dissolved. Let the sirup boil until it reaches a temperature of 295° F. or the hard-crack stage when dropped in cold water. Remove from the fire at once and place in a pan of hot water while dipping the nuts. Hold nuts separately with tweezers or on a long pin and dip into the sirup. Place dipped nuts on waxed paper to dry.

### Orange Bread

- |                           |                                 |
|---------------------------|---------------------------------|
| 2 cups flour              | 1 cup orange peel, ground       |
| ½ cup sugar               | 1 cup milk                      |
| ½ teaspoon salt           | 2 tablespoons melted shortening |
| 4 teaspoons baking powder |                                 |
| 2 eggs, beaten            |                                 |

Mix and sift dry ingredients, add

ground orange peel. Combine eggs, milk and shortening. Turn into a well made in dry ingredients. Mix but do not beat. Pour into greased bread pans. Bake in moderate oven (350° F.) for 50 to 60 minutes.

### Fruit Punch

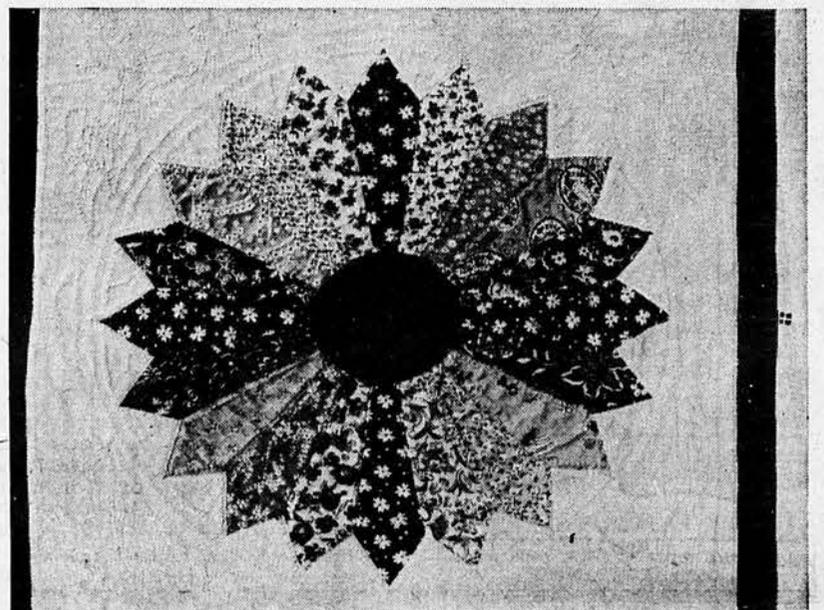
- |                      |                    |
|----------------------|--------------------|
| 2 teaspoons tea      | 1 quart ginger ale |
| 2 cups boiling water | 1 pint fruit juice |
| 1 cup sugar          | 1 cup lemon juice  |
|                      | 1 cup cold water   |

Pour boiling water over tea. Cover and let stand 3 minutes. Strain into sugar. Stir until sugar is dissolved. Cool. Add juices and cold water. Chill in refrigerator. When ready to serve add ginger ale and pour into glasses filled with crushed ice. Serve immediately. Use cherry juice, raspberry, strawberry, cranberry or orange juice or combinations of them. If to be served from a punch bowl, float slices of oranges and lemons on top. Cut slices in unusual shapes for interest. Arrange fruit around the punch bowl.

## Sunflower Quilt Pattern



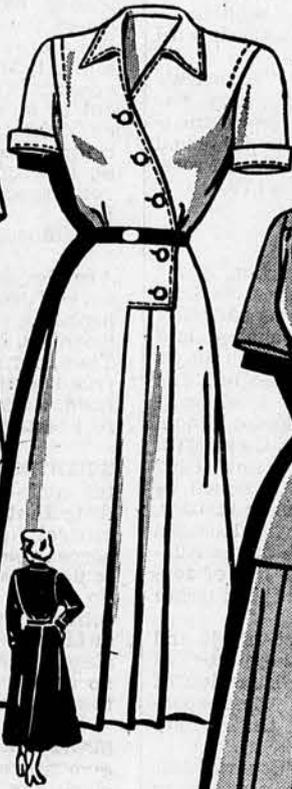
A pattern of unusual beauty, colorful, yet easy to make and the favorite of many a quiltmaker.



A close-up of the sunflower quilt pattern gives the maker an exact idea of what to expect. To order, send 5 cents to the Home Editor, Kansas Farmer, Topeka.

**Sew For All**

4992  
SIZES  
14-20  
32-42



4830  
SIZES  
12-20  
30-42

9152  
SIZES  
34-50



4655  
SIZES  
12-20



4992—Becoming from plunge-collar to pockets-in-panel. For rayon or cotton. Sizes 14 to 20 and 32 to 42. Size 16 requires 5 1/2 yards of 39-inch material.

4830—A casual dress in simplified sewing... no side placket. Sizes 12 to 20 and 30 to 42. Size 16 requires 3 1/2 yards of 39-inch material.

9152—A 2-piece slimming dress with soft gathers at the yokes. Sizes 34 to 50. Size 36 requires 4 1/4 yards of 39-inch material.



4904  
ONESIZE  
SMALL  
14-16



9496  
SIZES  
11-17



FRONT ONE PIECE BACK ONE PIECE

4655—An interesting unusual dress with trim details. Transfer included. Sizes 12 to 20. Size 16 requires 4 1/4 yards of 39-inch material.

9496—A duet... one main pattern part for blouse, 2 for the jumper. Several versions given. Sizes 11 to 17. Size 13 requires 2 1/2 yards of 35-inch material for jumper and 2 1/2 yards of 39-inch for blouse.

4904—Here's a thrifty apron. One feed-bag or one yard plus a little trim. Size small only (14 to 16).

**New Easy Way to Cure Shoulders**

- ★ READY TO EAT IN 12 DAYS
- ★ EASY TO SLICE - NO BONE
- ★ CURE FAST - MILD, DELICIOUS FLAVOR



Rub *inside* of shoulder with Morton's Tender-Quick. This mild, ready-to-use cure works fast — preserves meat, improves color, brings out flavor.



Next, roll the shoulder and tie with soft twine. This shapes the shoulder into a neat, compact roll that will be wonderfully easy to slice and serve.



Rub the *outside* with Tender-Quick. In 12 to 14 days you'll have a tender, deliciously cured shoulder. When washed and dried it is ready to cook.

**Cure Long Keeping Meat the Morton Way**

For long-keeping regular hams and shoulders, dissolve Morton's Tender-Quick in water and pump along the bones. Then rub with Morton's Sugar Cure. Morton's own blend of salt, spices and other meat curing ingredients imparts a flavor you can get in no other way. The Morton cure is *thorough*. It's *fast*. And it's so *easy* — because every Morton product is ready-mixed, ready to use. For free folder write — Morton Salt Co., Box 781, Chicago 90, Illinois.

**FREE**  
Write for folder showing how to cure boned hams and shoulders.



Cure your meat the improved

**MORTON WAY**



**Get this VALUABLE Home Meat-Curing Book**



Finest meat curing book ever published! 112 pages. More than 200 charts and pictures. Complete easy directions for butchering and curing pork, beef, lamb. Tells how to make sausage, bacon, Canadian bacon, corned beef, and other specialties. Write for your copy today. Only 10¢ postpaid. Address — Morton Salt Co., Box 781, Chicago 90, Ill.

### A THOUSAND YEARS FROM NOW

Friends, a thousand years from now people will continue to greet each other with these two simple words: "Merry Christmas." That's because the spirit of Christmas is eternal; its spiritual quality is above and beyond disasters that shake the souls of men; above international situations that keep one's nerves on jittery edge; above sickness, worry, poverty and failure. Yes, friends, the spirit of Christmas never dies, so our sincere wish is that your hearts overflow with the spirit of Christmas. Good wishes to every one of you and a Happy New Year to the whole world: "Peace on earth, good will towards men."



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



**Burpee HYBRID Tomato**  
 Bears Up to Double Ordinary Kinds  
 Hybrid vigor makes the plants grow faster, bear earlier and for a longer season. Better quality too!

**Smooth, Round, Scarlet-Red and Delicious**  
 Thick-meat heavy fruits (3/4 lb. or more each), outstanding in quality and rich flavor, wonderful for salads, canning and every family use—profitable to grow for market. Excels on stakes or grown naturally. Offer good for limited time only—send stamp for postage and we'll mail you 10 seeds FREE. Or, to have more plants: 30 seeds 35c; 100 seeds \$1.

Also Free Burpee Seed Catalog  
**W. ATLEE BURPEE CO.**  
 664 Burpee Building  
 Clinton, Iowa

**BURPEE SEEDS GROW**

### 130 EGGS A DAY INSTEAD OF 23

Mrs. Wm. J. Turvey, poultry raiser in the far north state of Washington, tells an interesting story of increased egg production. She says: "I have 178 chickens. In November, their appearance was poor, and I was getting 19 to 23 eggs a day. I started giving Don Sung in their feed. Now, in December, I am getting 130 eggs a day, and my flock is livelier and looks much better. Surprised isn't the word—I'm really amazed at the change in my flock."  
 Will you do as well? We don't know. But we do know that you mustn't expect eggs from hens that are weak, under-vitalized and lazy. When flocks are deficient in manganese, vitamins, and other essential elements which laying hens require, and which are necessary to pep-up egg production, Don Sung supplies these essential supplements. It does not force or hurt the hen in any way. Why not try Don Sung for your flock? Send 50c for a trial package (or \$1 for the large size holding 3 times as much) to Burrell-Dugger Co., 230 East South St., Dept. 21, Indianapolis 4, Ind. Don Sung must show you a profit or your money will be refunded. Start giving Don Sung to your flock now.

### Save \$2.00 On This Home Mixed Cough Syrup

Easily Mixed. Needs No Cooking.

Cough medicines usually contain a large quantity of plain syrup—a good ingredient, but one which you can easily make at home. Mix 2 cups of granulated sugar with 1 cup of water. No cooking! Or you can use corn syrup or liquid honey, instead of sugar syrup. Then get from your druggist 2 1/2 ounces of Pinex, pour it into a pint bottle, and fill up with your syrup. This gives you a full pint of wonderful medicine for coughs due to colds. It makes a real saving because it gives you about four times as much for your money. Never spoils, and children love it.  
 This is actually a surprisingly effective, quick-acting cough medicine. Swiftly, you feel it taking hold. It loosens phlegm, soothes irritated membranes, makes breathing easy. Pinex is a special compound of proven ingredients, in concentrated form, a most reliable, soothing agent for throat and bronchial irritations. Money refunded if it doesn't please you in every way.  
**FOR EXTRA CONVENIENCE GET NEW READY-MIXED, READY-TO-USE PINEX!**

### Books On Review

#### Maria The Potter of San Ildefonso

It's likely that a good many Kansas women own a piece of pottery made and signed by Maria. A good many others most certainly have visited the pueblo of San Ildefonso, her home. Consider that you are fortunate for Maria is famous. Already in her own lifetime she has become a legend.

She still lives, as this book by Alice Marriott relates, in the San Ildefonso pueblo near Santa Fe, New Mexico. Altho her life has been, as closely as she could make it, the normal life of her culture, her unusual qualities have set her apart and gained her fame throughout this country.

The author gathered the material for the book in 1945 and 1946, thru several months of almost daily interviews with Maria Martinez, who told her own life story, with the exception of certain tribal secrets which were forbidden by the governor and the pueblo council.

Maria and Julian, her husband, raised a family and together by making pottery, they brought fame and considerable income to the pueblo. Woven into the story of Maria is the history of the other pueblos of the Southwest.

Alice Marriott is a trained ethnologist who lives not far from San Ildefonso. She knows her subject well and writes with the skill of a novelist.

Maria, The Potter of San Ildefonso, by Alice Marriott, is published by The University of Oklahoma Press, Norman, Oklahoma. Cost \$3.75.

#### America's Heartland The Southwest

America's Heartland, by Green Peyton, is an interpretation of the Southwest; that region stretching from the southern border of Kansas to the Gulf of Mexico and from the Mississippi to Santa Fe, New Mexico. It is an exciting biography of the area and its people.

A rising young writer from San Antonio, he recounts the history of each state within the area, and brings it up-to-date. There are chapters about the oil country and its people, the ranchers, politics, artists and writers, the Indians. All these and more are

told in a delightful manner about an area you may be interested in learning more about. A considerable number of pictures illustrate characters and country.

We highly recommend "America's Heartland," for the home library, the community library or as supplementary reading in schools. It is published by the University of Oklahoma Press, Norman, Oklahoma. Price \$3.75.

#### In Anger and Pity

Robert Magidoff, the author, spent 12 years in Russia as an American correspondent, before he was suddenly framed on an espionage charge and ordered out of Russia on a 3 day's notice. This book is not another one written by an author who spent a 2-months flying trip to the Soviet Union.

"In Anger and Pity" is a thoughtful and highly informative account of his experiences there during a dozen of the most vital years in Russia history. It is the story of his life, his Russian wife, his servant and some of his Russian friends. It tells of the life of foreigners in Moscow, and of the Russian people working for them.

There are chapters on art, music and literature as they fit into the picture of the cold war. There is a discussion of the Politburo, Stalin and the respective military strengths of the Soviets and the United States.

We highly recommend this new book for the reader who wishes to know more about the Soviet Union and its people. Published by Doubleday and Company, Garden City, N. Y. Price \$2.95.

#### How To Paint

Here is a manual for the absolute beginner. Growing interest in painting as a hobby is reflected in many courses now being offered for adults. This book is a preparatory course of greatest simplicity. It shows in diagrams and pictures just how to handle a brush, how to mix colors and how to paint the simplest kind of pictures.

This book is especially recommended for those who would like to learn to paint as a hobby. "How to Paint" by Paul Hartley, is published by Harper and Brothers, New York City. Price \$3.

### ❖ The Poet's Corner ❖

#### Generation Repeated

His first long pants that looked so cute  
 His little feet in cowboy boots  
 Blue jeans and denim overalls  
 That made him look so straight and tall;  
 The little woolly legging set  
 His cowboy hat, bright red, you bet!  
 Sun suits in summer, snowsuits in fall  
 How can I remember them all?  
 As you grow up and shed them, son  
 Unless reminded thru another one  
 I see the procession once more begin,  
 Thru another little boy again!

—By Pauline Bender Rhoden.

#### Little Things

There are so many little things  
 That give the heart a lift,  
 A letter from a far-off friend  
 A kindly neighbor's gift  
 Of cookies, or perhaps some fruit;  
 The scent of baking bread,  
 Light spilling from an open door,  
 Books waiting to be read,  
 Frail ribbon of a dove's low call,  
 A glimpse of startled wings . . .  
 Somehow, I think that happiness  
 Is made of little things.

—By Addie M. Hedrick.

#### A Bachelor's Soliloquy

Some ladies whom I take to lunch  
 Look comphy, svelt and swank;  
 But still I find the lovely things  
 So everlasting lank!

—By Edna Hull Miller.

#### Home Decorator

Freshly painted rooms  
 Beautiful to view,  
 Labored several hours  
 Well yes, quite a few.

Crisply starched curtains  
 Not a speck of dust,  
 Company was coming,  
 Fall cleaning was a must.

I forgot that baby hands  
 Can reach almost a mile,  
 Guess I'll tell my company  
 Little hand prints are in style.

—By Margaret Fenn.

#### Keep Off

Two seats I warn, don't sit upon  
 They're neither plush nor cane,  
 Deceit, the one that trips you up,  
 While conceit leads to pain.

—By Camilla Walch Wilson.

#### For the Home

If you are interested in making rugs—and what woman isn't—Kansas Farmer's bulletin, "Home-made Rugs," gives complete instructions on various kinds of rugs, with drawings. Instructions also are given for braided, woven or hooked mats and footstool tops. For a copy of the leaflet, please address Home Editor, Kansas Farmer, Topeka, and enclose 3c for postage.

### "NO MORE SLEEPLESS NIGHTS"

"I feel so much better since I no longer have to dread those awful sleepless nights! My 'insomnia' turned out to be due to caffeine in the coffee I drank. So I switched to POSTUM and now I get 8 hours of restful sleep every night."



Are sleepless nights, due to "coffee nerves", interfering with your good health? . . . Do you wake up in the morning, feeling tired and logy? . . . Then, try a switch to 100% caffeine-free POSTUM. See if you don't enjoy good, natural sleep that makes you feel better and enjoy life more.

**SCIENTIFIC FACTS:** Both coffee and tea contain caffeine. And caffeine is a drug that acts upon the brain and central nervous system. Also—in susceptible persons—caffeine tends to produce harmful stomach acidity. So, while many people can drink coffee or tea without ill-effect, others suffer nervousness, indigestion, sleeplessness. But POSTUM contains no caffeine or other drug—nothing that can possibly keep you awake!

**MAKE THIS TEST:** Give up coffee—give up tea—drink POSTUM exclusively for 30 days—and judge by results! Ask your grocer today for INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran—100% caffeine-free! POSTUM is a Product of General Foods.

**3% SAVE BY MAIL**  
 NOW—let your idle funds be earning a LIBERAL dividend. We've been paying at least 3% on savings for 20 years.  
 Current Rate United Offers You — SECURITY - AVAILABILITY  
**UNITED BUILDING AND LOAN ASSOCIATION**  
 MAX A. NOBLE, President  
 Write Dept. 14 for Information  
 217 E. WILLIAM - WICHITA 2, KANS.

**LOW COST BALDWIN**  
 HYDRO-ELECTRIC TRUCK BED HOIST  
 Dumps heavy loads. Fingertip 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  
 Baldwin, Inc., 1442 Barwise - Wichita, Kansas

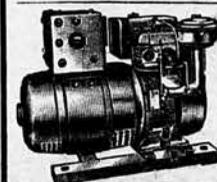
**Burpee GIANT Fluffy Ruffles PETUNIAS**  
 25c PKT. 10c SPECIAL  
 Gloriously ruffled, fringed, up to 5 in. across!  
 Scarlet, copper, rose, pink, mauve, and white.  
 SPECIAL, 25c-Pkt. seeds all colors mixed, postpaid for 10c. Send Dime Today!  
 Seed Catalog FREE  
**W. ATLEE BURPEE CO.**  
 665 Burpee Bldg., Clinton, Iowa

**RELIABLE ADVERTISERS ONLY ARE ACCEPTED IN KANSAS FARMER**

### What! No Lights!

Get a Katolight Plant or Generator for Stand-By so when the Highline fails, you need not be without the use of refrigerator, radio, water, etc. Light Plants and Generators up to 300 K.W. Also Rotary Converters and 1 1/2, 2, and 3 H.P. R.E.A. Motors.

Over twenty years building electrical machinery.



Write **KATO ENGINEERING COMPANY**  
 1433 First Avenue  
 Mankato, Minnesota  
 Stegeman & Carlisle, Dist.  
 146 South 5th Street  
 Salina, Kansas

**Give the World's Most Useful Hand Tool!**



"He'll" be thrilled to receive this marvelous new VISE-GRIP! Most useful tool he can own! Gives his hand **More Than TON** Gripping Power! Does difficult jobs like magic! Powerful LOCKED grip turns stubborn nuts, studs, screws with worn slot . . . pulls headless nails . . . holds smallest parts for grinding, filing, sawing . . . does repair jobs usually impossible outside a well equipped machine shop!

New Involute Jaw Curve holds all shapes—nuts, rounds, irregular shapes, with unbelievable ease. Knurled Jaw Tips prevent slipping. Has Thin Nose. Super Wire-Cutter. Fine alloy steel. Specially hardened. Nickel plated finish.

- WITH Cutter No. 7W—7-in. . . . . \$2.25
- No. 10W—10-in. . . . . 2.50
- WITHOUT Cutter No. 7C—7-in. . . . . 1.85
- No. 10C—10-in. . . . . 2.25
- Also world famous original model: No. 7—7-in. . . . . 1.65
- No. 10—10-in. . . . . 1.95

If not at your dealers, order direct. Postage paid if money accompanies order.

**PETERSEN MFG. CO., INC.**  
Dept. KF-12 DeWitt, Nebr.

**Speed Up**  
Your Old Model John Deere A or B or Farmall F-20, F-30 and Regular Model



Go 9 and 15 m.p.h. on your old model John Deere A or B. 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.

Bring your old tractor up to date. Do many more jobs in a day. Ideal for bucking hay, rotary hoes, long hauls, etc. Does not interfere with present gears.

Also Gear Box for Farmall H or M Adds Useful Middle Gear

Equip your H or M with this 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. Quickly, easily installed.

Write today for full particulars. Be sure to name tractor you are interested in.  
**BEHLEN MANUFACTURING CO.**  
Dept. 808 Columbus, Nebr.

**Here's a Truck For Every Job**



Combining new operative economy, greater maneuverability and better load distribution with International Harvester's trucks' traditional rugged dependability, these 2 models from the newly introduced L-Line—the L-162, left, and the L-112—are multi-purpose International trucks so necessary to the farmer. Gross vehicle weight rating of the L-162 model is 16,000 pounds; the L-112 has a GVW of 4,800 pounds. The new L-Line, introduced thruout the country November 30 by the motor truck division of International Harvester Company, is designed to handle every conceivable type of hauling job. There are 87 separate truck chassis models.

A COMPLETELY re-designed and re-engineered line of International trucks, new from front bumper to tail light, has been announced by the Motor Truck Division of International Harvester Company.

This new L-line, a complete line of heavy-duty-engineered trucks consisting of 87 separate truck chassis models designed to handle every conceivable type of hauling job, is on display in dealers' showrooms thruout the country right now.

End result of International's 43 years of truck engineering know-how, the L-line among other good points, features:

Complete restyling that blends a new modern truck streamlining with extreme practicability.

New "Comfo-Vision" cab, designed to provide more roominess, added comfort and wider visibility.

New chassis dimension engineering that permits better load distribution, greater maneuverability, shorter overall lengths and improved engine accessibility.

New, improved valve-in-head International truck series engines, including an all-new Silver Diamond engine.

More than 3 years of road tests went

into proving the new trucks. The intensive program included laboratory and track testing in addition to 3 million miles of driving under all types of operating, weather and road conditions.

The new L-line is spearheaded by 4 classifications of 4-wheel model trucks—the Standard, ranging from 4,200 pounds to 40,000 pounds, gross vehicle weight; the Schoolmaster, comprising 5 bus models ranging from 12,500 to 24,000 pounds, GVW; the Loadstar, ranging from 16,500 to 29,500 pounds, GVW; and the Roadliner, ranging from 16,000 to 30,000 pounds, GVW.

The new International line further features new Metro multi-stop units, product of the company's Bridgeport, Conn., plant, ranging from 5,300 to 10,000 pounds, GVW, and including 3 different body sizes, one adaptable for use as a bus; a new group of 6-wheel chassis units, ranging from 22,000 to 50,000 pounds, GVW; a new group of cab-forward chassis units, ranging from 14,000 pounds, GVW.

The company's "West Coast" trucks, manufactured in International's Emeryville, Calif., plant, include 2 highway and 4 off-highway vehicles, ranging from 30,000 to 90,000 pounds, GVW.

Looks like a truck for every job.

**Just Right for Alfalfa**



**H**ARD as a road and worked down smooth. This 9-acre patch was worked down perfectly for alfalfa by Eddie Allen, Labette county. He had plowed down a crop of sweet clover. Then the field was disked, harrowed several times and packed with a drag. After rain it was harrowed again and dragged some more. He covered the

field 4 times with the drag shown here. Before seeding Mr. Allen planned to go over the field with a cultipacker. Then after drilling the seed on top he planned to go over it once more with the cultipacker.

All that is important in establishing a stand of alfalfa. But just as important was another step he took. This was testing the soil and making certain that plant-food requirements were met.

**Sorry, Bobbie**

Dear Editor: In your listing of 4-H Club steers shown at the American Royal, Kansas City, Bobbie Todd, Redfield, showed his Hereford but was omitted in your list.—A Friend.

Note: Thank you, Friend, for telling us. Please write us anytime.—E. H. G.

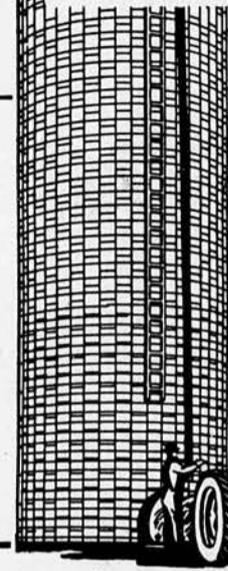
**Keep Grain Cool**

Sorghum grain that is allowed to heat may lose its ability to germinate, or even become unfit for feed, states Dale E. Weibel, Kansas State College agronomist.

He suggests you check your sorghum grain in the bin. If you have not already done so, run the sorghum grain thru a fanning mill to remove debris and cracked kernels.



**Available NOW to KANSAS FARMERS KOROK SILO**



- Brand new type silo in this state.
- Your first cost need be your only cost.
- Used for grain storage, too.
- Withstands sorghum and other silage acids.

Now, for the first time, Independent Silo representatives are serving the State of Kansas. Farmers in other states declare that there is seldom any upkeep cost with a Korok Silo. That's because the Korok is different. It's made of long-life materials like vitrified shale tile . . . copper bearing steel . . . asphalt mastic . . . vermiculite . . . California Redwood. Each joint is triple sealed. It will handle even hay silage with ease. Sold with a 10-year warranty. Write for the free Korok Silo booklet for the complete story.

**INDEPENDENT SILO CO.**  
777 Vandalia St. St. Paul 4, Minn.

**20% FASTER GAINS · 25% Less Feed!**



**SAVE Hours of Time**  
"Greatest feeder ever built!" say hog men. Repays cost over and over again in time and feed. Wider at bottom, never clogs. Improved trough covers keep feed dry, any weather. Feed controls adjustable for all feeds. Feeds from both sides. All steel. Can't bulge. Easy to move. 55-bu., 30-bu., 15 bu. and 4 1/2-bu. sizes.

WRITE for full details and prices. Ask about famous Hastings Grain Bin.  
**HASTINGS EQUITY GRAIN BIN CO.**  
Dept. KF-5 Hastings, Nebr.

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THE ONLY AIR COMPRESSOR designed especially for general farm work. Choice of Electric, Gas or Tractor-Power models. Light weight; easily portable, standard pressure, wide price range. Write for new folder. See your implement dealer.  
**FARM POWER MFG. CO.**  
Columbia, So. Dak.



**GIVE HIM THIS! FOR Christmas**

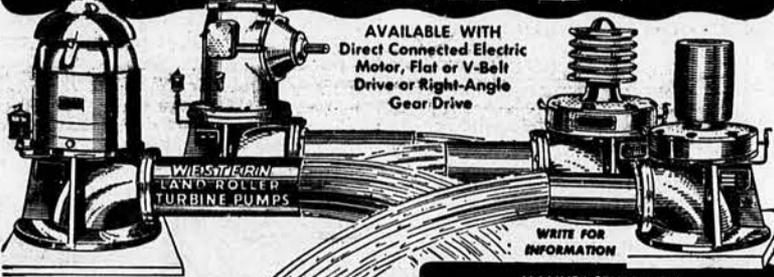
**The Famous New HUMBOLDT Tractor Fuel GAUGE . . .**

Surprise "HIM" at Christmas with a new HUMBOLDT GAUGE for his tractor. No more empty tanks—no long waits—no long walks back to the fuel tank. Rotating gauge dial completely visible from tractor seat. Gives accurate tank measurement always. Nothing to install. ORDER NOW!

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HASTINGS, NEBRASKA

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

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**\$25.95**

4-cylinder model  
(6-cylinder model slightly higher)

The Delco-Remy Battery Ignition Unit for farm tractors is designed and built by Delco-Remy, the world's

largest manufacturer of automotive electrical equipment. This new unit, consisting of distributor, coil and drive mechanism, brings you these important advantages:

### PEAK PERFORMANCE

High energy spark at low engine R.P.M. insures easy starting, even in cold weather . . . spark is automatically advanced or retarded for smooth, *economical* engine performance.

### LOW MAINTENANCE

Long life and minimum maintenance are assured by built-in lubrication and sealed construction . . . distributor sealed against dust, high tension outlets protected by elastic nipples, moisture-proof ignition coil hermetically sealed in oil.

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Packaged complete with all parts and wiring required for installation, the Delco-Remy Battery Ignition Unit can be installed easily and quickly: no need to tear the engine down for the changeover . . . no extra equipment or special tools required. Available for most popular models of Allis-Chalmers, Farmall, Oliver, Case and many other tractors. For additional information, mail the coupon today.



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General Motors Bldg., Detroit 2, Michigan  
Send me additional and where-to-buy-it information on the Delco-Remy Battery Ignition Unit for tractors.

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My tractor is \_\_\_\_\_

# DELCO-REMY

Pioneer Manufacturer of Tractor Electrical Equipment

## Safety for Your Business In Buying U. S. Bonds

By GEORGE RANKIN

ONE learns quickly that "all eggs in one basket" is not good soil management. Nor good farm management. Nor good business practice. Diversification of crops avoids this.

Now comes the day when farmers think not only of soil reserve and in terms of crop diversification, but their thinking also covers sound financial reserve, and diversification of investments.

Farm management authorities share the view of Dean L. C. Williams, director of the Extension Division, Kansas State College, Manhattan, when he says:

"A readily available financial reserve is essential to Balanced Farming and to the security of the farm family's home. This highly important reserve capital can be provided for thru the systematic purchase of United States Savings Bonds. Farm families of Kansas who protect their farm and home enterprises against fluctuations in climatic conditions and changes in farm commodity prices thru purchase of Savings Bonds are using their characteristic good judgment. They are acting in the present to provide for future needs."

One can see that a reserve which could not be readily used would mean very little. Likewise, a reserve subject to weather conditions, insect invasions, or ravishes of disease could mean little security.

Available to farmers thruout the United States is a system for building a reserve which meets both requirements laid down as essential.

The United States Savings Bonds program, with its "Series E" bond, offers farmers a type of investment providing a reserve which is available for immediate use as the occasion arises. You may redeem a Series E Bond any time after 60 days of issue date.

### Backed by Uncle Sam

Backed by the full faith of the United States Government, the United States Savings Bond offers a type of financial reserve which is not subject to the hazards common to reserves which are a part of the farm operation, and is therefore not a "risk reserve" as other types might become. The Savings Bond, as a supplement to the farmer's regular reserve, offers one of, if not the best of, the current avenues for providing a sound financial granary.

"Series E" Bonds can be issued in the name of one owner, co-owners, or an owner and a beneficiary. Provision for replacement of bonds lost or destroyed adds to the stability of the reserve. The fact bonds can be reissued during the

life of the bond without loss to the bondholder, co-owner, or beneficiary is another feature of the Savings Bonds Program which makes it adaptable to many situations.

When to create a sound financial farm reserve is a problem which varies with the individual farmer. The following comparisons indicate that the present price level lends itself to making 1949 a good period for reserve investments.

One \$1,000 Series E Bond at a cost of \$750 represented: 1,085 bushels of wheat in 1939, 386 bushels in 1949; 144 cases of eggs in 1939, 60 cases in 1949; 1,321 bushels of corn in 1939, 670 bushels in 1949; 10 beef animals at 1,000 pounds in 1939, 4 in 1949; 60 hogs at 200 pounds in 1939, 20 such hogs in 1949.

Your banker can tell you how these bonds grow in value each year.

While major emphasis in this discussion has been on the "Series E" Bond, the series "F" and the series "G" also are adapted to the use of larger investors and meet specific investment needs.

Careful planning of a program of sound financial reserve is as important as a carefully planned "crop rotation," "soil conservation" or a "Balanced Farming and Family Living Program." Thousands of volunteer workers in the nation's banks stand ready to aid the individual farmer in his "balanced reserve" planning. These volunteers are alert to the possibilities of diversified investment, just as agricultural specialists are alert to possibilities of sound farm management practices.

### Better Egg Price

Poultrymen who are marketing eggs from both hens and pullets should keep them separated. That's the suggestion of M. E. Jackson, Kansas State College extension poultryman, Manhattan. He says when the large hen eggs and small pullet eggs are marketed in the same case, the entire case sometimes is docked. His advice is to put the hen eggs and the larger pullet eggs in one case, the small pullet eggs in another.

### Saves Time

When you remove buttons from discarded clothes, tie them on a string or slip them on a safety pin, before dropping them into the button jar. They are already sorted when you want to use them on another garment, and you can see at a glance how many there are in the set.—Mrs. F. F.

## GRANDMA . . . By Charles Kuhn



10-3 CHAS. KUHN

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## Marketing Viewpoint

By H. M. Riley, Livestock; John H. McCoy, Feed Grains; Paul L. Kelley, Dairy Products.

*What is the outlook for fat-lamb prices for December in comparison to the November market?—C. S.*

After weakening slightly in early November, lamb prices have displayed considerable strength during the last 2 weeks. A fairly strong price trend is expected to continue during December.

The number of lambs slaughtered this fall has been running consistently below a year ago. As a result of dry range conditions in the Northwest, a larger than usual proportion of lambs from this area moved into Corn Belt feed lots during August and September instead of going to slaughter. Many of these lambs will be marketed by the end of December. Providing weather remains favorable the movement of lambs from wheat pasture probably will not be heavy during December. Altho lamb marketings may increase slightly in December, the total lamb crop this year is smallest on record, and therefore any increase in marketings is expected to be relatively small. A tendency for producers to hold back ewe lambs to build breeding flocks will further reduce slaughter supplies in the months ahead. With prospects for continued high level of demand a well-maintained price for lambs seems probable in December.

*I have about 2,000 bushels of farm-stored oats on which I have taken out a loan. What is the outlook for oats prices?—W. M.*

It is probable oats prices will strengthen until spring. This is a fairly normal seasonal price trend, and conditions this year indicate the usual pattern will be followed. Oats prices were depressed substantially below the loan rate during the last harvest. Large quantities went into storage and appear to be in strong hands. Since harvest, terminal market prices have gradually strengthened. It is doubtful whether oats will be sold freely at present discounts below the loan rate.

*What are prospects for dairy prices in 1950?—P. D.*

It is probable prices for dairy products in 1950 may average slightly below those of 1949, unless some change is made in the government support program. At present it seems likely domestic supplies of dairy products will be greater than this year, while there may be some slight decline in consumer purchasing power.

Under the new price support act the Secretary of Agriculture is directed to consider 8 factors in addition to the matter of insuring an "adequate supply." Some of these are: (1) the price levels at which other commodities are being supported, (2) the availability of funds, (3) the perishability of the commodity, (4) the availability to dispose of stocks acquired.

### Doubles Crop

Experiments conducted by the Kansas Agricultural Experiment Station with methods of pruning grapes, have resulted in practically doubling the amount of fruit produced per vine.

It has been clearly demonstrated that the so-called spur system is not satisfactory for grapes of the Concord type. Instead, this grape, and other closely related varieties, produce more fruit if long canes are left at pruning time rather than short spurs. Over a period of many years and in many vineyards thruout the area, production of the Concord grape has been practically doubled when growers have changed from the spur system to the long cane system.

### To State Extension Staff

George Gerber, Cowley county agent for several years since the war, took over new duties as dairy marketing specialist December 1 with the Extension service, Kansas State College, Manhattan. Gerber was president of the county agents' association last year. While in Cowley county he opened the first county soil testing laboratory in the state. Since then 5 other county laboratories have been installed and others are expected.

## Hy-Lines Did Best In These "Divided House" Tests



**"DIVIDED HOUSE" TEST**

Wire partition separates Hy-Lines from New Hampshire. Farm owner kept daily records on each pen of birds for entire year.

**Hy-Lines**  
Trademark Reg. U.S. Pat. Office

## Laid 2 to 6 Dozen More Eggs per Bird in "divided house" tests

Farmers who conducted "Divided House" tests report their Hy-Lines laid 2 to 6 dozen more eggs per bird than their standard breeds. These farmers received from 200 to 600 dozen more eggs from every 100 Hy-Lines they housed in the Fall. Figure the added income these extra eggs brought at the average egg price in your community. The table below shows the exact results they reported for the complete production year:

NAME	Hy-Lines Egg Average Per Bird	Standard-Breds Egg Average Per Bird	Difference in Eggs Per Bird
W. C. Thomas & Son Cambridge, Iowa.....	259.9	181.3	78.6
Mrs. Jessie Schneider Burton, Kansas.....	217.9	140.6	77.2
Eldon Gallentine Springfield, Nebr.....	225.9	155.6	72.3
Charles Flemming Storm Lake, Iowa.....	233.9	166.3	67.6
L. F. Wilker Farm Meriden, Minn.....	243.7	187.6	56.1
Lester L. Smith Cedarville, Kans.....	240.6	186.2	54.4
Lloyd Ruesnik Adrian, Mich.....	230.2	184.3	46.0
Joe Drees Litterdale, Iowa.....	198.5	153.3	45.2
J. W. Goeritz Newton, Kans.....	238.8	202.5	36.3
Emil Nagel Defiance, Ohio.....	219.2	189.0	30.2

### Early Hatched Hy-Lines Lay More High-Priced Eggs

You make more money from both pullets and cockerels when you raise early hatched Hy-Lines. Pullets reach peak production when egg prices are highest. You can market the cockerels in April when broiler prices are usually good. Early hatched Hy-Line pullets usually reach 60% production in August. They hit their peak in October, November and December. Raise January hatched Hy-Line Chicks to take advantage of "high egg price" and "high broiler price" months.

### HY-LINES are Bred for High Flock Egg Production

Hy-Lines outlay standard-bred farm flocks because they possess hybrid vigor and hardiness. Like hybrid corn, they are crosses of superior inbred lines, Hy-Lines start profitable laying early. They reach 50% production at 5½ to 6½ months. Then the whole flock surges into peak production and averages between 50% and 80% production each month during the year. Hy-Lines are steady layers. They resist hot and cold weather slumps in production. They generally keep laying profitably for 12 to 14 consecutive months.

### PLACE YOUR ORDER NOW for 1950 HY-LINE Chicks

Hy-Lines sell out every year. The demand is greater than the supply. Place your order now for your choice of 1950 hatching dates.

Write for our new **FREE HY-LINE CHICK CATALOG**





The only way to get Grade "A" production is with clean, sanitary, convenient buildings. "Dodstone" meets every requirement, winter and summer. Ask for floor plans for any size steel reinforced structure.



**DODSON MANUFACTURING CO.**  
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**The BEAR CAT**  
COMBINATION Grain and Roughage Mill also Ensilage Cutter



Grinds any feed—green, wet or dry. Snapped or ear corn, roughage bundles or bale flakes and no monkey business. It really grinds, and with ordinary farm tractor. Has both cutter head and heavy swing hammers. Adjustable Drop-Apron Feeder works in any position from ground to truck bed height. Get full information on this real honest-to-goodness Bear-Cat Grinder. Four sizes. Write: Western Land Roller Company, Box 136 Hastings, Nebr.

**Land Rollers and Pulverizers**



RHODES IMPLEMENT CO. Kansas City 6, Mo.

**OTTAWA Buzz Master**

7 MODELS—\$99 up. Greatest offer ever made by oldest and largest firm in the business. Made by men with the know-how. A model to fit your needs and your pocketbook. Endorsed by Conservation experts. Send for FREE details. Now in our 46th year. OTTAWA MFG. CO., 1-911 Brush Ave., Ottawa, Kansas

**WANTED**

Old Live Horses and Dry Bones. We Pay More for Them Than Anyone Else. Delivered Our Plant. **HILL PACKING CO.** Topeka, Kan. Tel. 8524

**Too Much Government**

(Continued from Page 8)

On the other hand, James G. Patton, national president of the Farmers Union, at the Salina meeting, as at many others, came out strong for the Brannan Plan; his principal objection to this program is that it does not go far enough in the way of Government support and management of farms and farmers.

Meanwhile, from the Department of Agriculture is coming a steady stream of warnings that farm prices and farm income, already down about 20 per cent from the artificial peaks of the immediate postwar years, are due for further drops. Running thru the press releases is the implication—or at least the way is pointed out for easy inference—that only the Federal Government can save the farmers from ruin between wars and periods of war prices.

Said Grange Master Goss: "There are 2 distinct approaches to this general problem of increasing consumption to bring it into balance with our increased production. One is to increase individual income by hand-outs. The other is to expand purchasing power by sound methods of reducing living costs.

"Generally speaking the increased income remedies are easy to apply, get quick results, and have a great political appeal, but, except in cases where they are actually earned, they are largely self-defeating for they soon are reflected in increased costs, increased living expenses, and spiraling inflation, which eventually rob the people with the low incomes of their purchasing power and result in eventual collapse. "Private business cannot compete with Government.

"Another thing. The CCC is taking long-term leases on elevators. And more and more these leases include the option for the CCC to buy the elevator as one of the terms of the lease.

"Farmers and consumers will not gain from Government action programs of this kind. We are opposed to substituting government for private enterprise, and urge that the Department (Agriculture) withdraw from the field of farm marketing to the greatest extent possible. "I see coming a government monopoly in farm marketing, leading to nationalization."

Roy F. Hendrickson, Washington representative of the National Federation of Farmer Co-operatives, speaking against a Department proposal for a new assistant secretary with the title of Sales Manager—it has not yet got thru the Senate Committee on Agriculture:

"No one—whether an individual, a partnership, a corporate firm, or a co-operative—can compete with a government manager headed by a general sales manager with the rank of Assistant Secretary of Agriculture, with wide-open authority to invade this field of marketing without regard to the effect or influence upon those already engaged in this work.

"General wage increases, or spreading the work thru slowdowns or stand-by jobs, may benefit a few, but (even) when actually earned, they add directly to costs which all must pay with a net loss in real purchasing power. Most governmental aids designed to subsidize the individual to meet living costs result in increased living costs and thus fall most heavily upon the people of low income. Thus they largely defeat their purposes. . . .

"Farmers, who produce the basic wealth of the nation, resent the implication they are not entitled to fair compensation for their services in the market place, but must depend upon public charity or direct payments from the

national treasury for a livelihood. Subsidies make beggars of the recipients. Once started they are difficult to discontinue. . . . With the tremendous burden of taxation which is inevitable, there would be continual resistance on the part of the public toward the heavy additional taxes necessary to support a direct-subsidy program. In times of depression, subsidies undoubtedly would be decreased or abandoned, and farmers would face bankruptcy unless prices could be raised at the very time when such raises would be impractical or impossible."

Said Farmers Union Jobbing Association Manager Crawford:

"The Commodity Credit Corporation has invaded the field of distribution. It has moved into the field of farm marketing to the detriment of the farmer co-operatives. The co-operatives are entitled to protection from (against) their Government.

"Perhaps the establishment of the general sales manager's position in the Government of the United States is to be a forerunner of the establishment of such positions as the following: U. S. General Sales Manager for Copper; U. S. General Sales Manager for Oil; U. S. General Sales Manager for Office Furniture; U. S. General Sales Manager for Printing and Binding; U. S. General Sales Manager for Steel and Iron. . . .

"The present trend of agricultural legislation and administration is rapidly moving the United States Government into the business of farm marketing. The approach may seem subtle to those who have not studied this subject. But to those who are in the business of marketing commodities on behalf of the farmers—and I am speaking now of the grain-marketing co-operatives—the process is about as subtle as an ax.

"The Commodity Credit Corporation now is responsible directly for handling an increasing volume of wheat, corn, and other grains; it is deeply involved in handling tobacco, wool, cotton, potatoes, and other commodities. Its business in handling farm products is marked by less and less restraint."

This observer took occasion about a year ago, in this column, to call attention to the parallel between the CCC's operations and those of Joseph as related in the 47th Chapter of Genesis. When Joseph got thru, Pharaoh the King owned all the land of Egypt, all the money, all the cattle, and all the people, and moved the people around from one city to another as seemed best in Pharaoh's interest.

At the Salina Farmers Union convention, both Secretary Brannan and Jim Patton raised the point of doubtful wisdom in having the CCC permanently in the grain business, but neither was as outspoken as Crawford and Hendrickson. Instead, they used the CCC operations as a springboard from which to launch arguments for the Brannan Plan of direct subsidies to producers—if the Government paid the farmer for producing food, the farmer then would have no marketing problems, or worries; in fact no marketing to do.

"You heard the Secretary say that the present program (loans and purchases thru the Commodity Credit Corporation) is making the Government

itself the biggest warehouse in all history," said President (FU) Patton. (After all, Egypt was a small place, compared to the U. S. A.)

"To get the Government out of business, we should go entirely to production payments (limited to family farmers) and pay subsidies where they are needed to get complete consumption for everybody. I would go clear across the board, assuring everybody a full diet.

"Subsidies," Patton declared, "simply try to redistribute income more equitably to all our people. Any farm program should not be just to sustain farm income, but also should be for the good of all the people."

**Fine Jerseys**

Here are the results of classification programs on several registered Jersey herds in Kansas, as reported by the American Jersey Cattle Club.

George H. Smith, Highland, 11 animals; 5 were rated Very Good, 3 Good Plus, 2 Good and 1 Fair.

Dean W. Thorson, Horton, 8 animals; 3 Very Good, 3 Good Plus, 1 Good and 1 Fair.

Elton W. Young, Cheney, 15 animals; 1 Very Good, 10 Good Plus, 4 Good.

Harry Randolph, Nashville, 7 animals; 5 Very Good, 2 Good Plus.

James Coleman, Arlington; 4 animals; 1 Very Good, 3 Good Plus.

On all these herds the classification was for all previously unclassified females that have had at least one calf, and for all bulls over 2 years old.

**Temporary Repair**

A leaking water pipe may be temporarily repaired by wrapping a 2-inch wide strip of inner tube around the pipe. Pull on the tube as you wrap it around the pipe. If the pipe carries pressure water, then wrap wire over the inner-tube repair.—J. M. Swenson.

**KOSCH FRONT MOUNTED MOWER**



For Farmall H & M Reg. and F-20 John Deere A & B. See Where You're GOING. See Where You're MOWING!

Write **KOSCH MFG. CO.** Columbus Dept. K-12 Nebr.

**TWO TRACTORS IN ONE!**



with the **HANDEE AXLE CONVERTOR**. Convert your row crop tractor to standard tread with a Handee and then put your tractor to work in the field, on harvesting, on your share. It's safer and more economical to use a HANDEE Axle Converter. See your implement dealer or write to . . . \$149.50

**HANDEE FARM EQUIPMENT CORP.** BETTENDORF, IOWA

**Conserve Your Soil**

One man and any farm tractor builds high terraces, dams, fills gullies, etc., easily, swiftly. Loads, unloads, spreads, without stopping. Bulldozes backward. 1/2-yd., 3/4-yd., 1 1/4-yd. sizes. 2 models. Prompt delivery from your dealer or direct from factory. Send for Free Literature and Low Prices. **CENTRAL MFG. CO., 4915 Poppleton Ave., Omaha, Nebr.**

**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 36 years.

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

**The BEST BODY at the BEST PRICE!**

**OMAHA STANDARD BODIES**

GRAIN TIGHT—BULL STRONG

- BUILT to outlast any truck—Take more road and load punishment
- SUPER-STRONG, Flexible hardwood body—Edge grain floor. No exposed nails.
- All lengths for all trucks
- For over 20 years the Trucker's Standard! Often copied—never equalled!

STOP SCOOPING! DUMP YOUR LOAD!

Omaha Standard 10 TON UNDERBODY HOIST

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Factory and General Office: 241 W. Broadway, Omaha, Neb. 68102

DO NOT BE CONFUSED—THERE'S ONLY ONE OMAHA STANDARD

**COOKING SCHOOL DEMONSTRATION**

"Supposing at this stage the phone starts ringing, the baby needs changing, and somebody knocks on the door—what's the correct thing to do?"

**IN THE FIELD**



**Jesse R. Johnson**  
Topeka, Kansas  
Livestock Editor

and **MIKE WILSON**, Livestock Fieldman,  
Muscotah, Kansas.

The **HENRY BOCK** sheep sale held on the farm near Wichita, November 7, was attended by from 300 to 400 buyers and spectators. Ninety-four head were sold. The ewe lambs averaged \$60 and the bred ewes \$80. The top reached was \$157.50 paid for a 2-year-old ewe. The buyer was Harrison Davies, of Dorchester, Texas. The same buyer topped the ewe lambs at \$137.50. The 94 head sold for a general average of \$66. Four head went to Texas, 19 to Oklahoma, and 6 to Missouri. The day was fine and the local demand good. Col. H. Farthing, of Findley, O., was the auctioneer.

**FRED FARRIS**, Faucett, Mo., sold Durocs the night of October 26. The sale was well attended and the average indicates satisfactory prices as compared to other sales of this breed held this fall. Kansas buyers gave the sale good support and several head were purchased by Kansas buyers.

Two boars sold for \$265 which was the sale top. Two gilts sold for \$135 each. The offering was mostly sired by He'l Do and Nu-Design. Kansas boar buyers were Ben Hook, Silver Lake; Henry Temp, Easton; W. F. Bleam, Leavenworth; Howard Brockhoff, Fairview; L. Swenson & Son, Effingham. Three gilts went to a Kansas buyer and this buyer was Norman Brockhoff, Fairview. Twenty-nine gilts averaged \$86. Twenty-one boars averaged \$103.40.

The State Fairgrounds at Hutchinson was the scene of the **ANNUAL KANSAS ABERDEEN-ANGUS BREEDERS SHOW AND SALE**, November 10. Fifty-seven head of choicely bred cattle went on parade before Judge John Tolan, of Pleasant Plains, Ill. Judge Tolan selected Prince of Blue Rapids for the champion bull of the show. The bull was consigned by Enos Honeycutt, of Blue Rapids. He was purchased by Hudson Brothers, of Pomona, for \$900, the top price paid on bulls. Larry Sankey, of Sterling, was the consignor and owner of the champion and top-selling female in the sale. Judge John Tolan paid \$1,200 for this fine Bandolier heifer. Eight bulls were sold for an average of \$493 a head. Forty-nine females averaged \$425 a head, and 57 head of cattle sold thru the auction at a general average of \$435. Roy Johnston and Ray Sims sold the cattle.

**GORDON L. JANSSEN**, of Bushton, held a reduction sale of Milking Shorthorns at Hutchinson, October 22. Everything considered this was one of the very best sales held, at least from the standpoint of good animals selling. The offering was of unusually high quality and for the most part well conditioned. Thirty-seven head were sold, 30 of them staying in Kansas. The general average of \$370 was not enough, considering quality and breeding. Bulls, mostly calves, averaged \$250 with a top of \$350, paid by Clarence Cook, of Lyons. Chester Rolfs, of Lorraine, bought the great cow Duallyn Dairy Gem for \$1,200. The average of \$510 was made on all females. Weather was fine, cattle farm-conditioned and prices entirely satisfactory to the most interested party, the man who owned them. Gus Heidebrecht was the auctioneer, assisted by Roy Paul.

The **C. C. LEWIS MILKING SHORTHORN** sale, held on the farm near Cullison and Pratt, October 26, was attended by about 400 buyers and others. The 34 animals sold averaged \$337. Twelve cows averaged \$443. Eight heifers averaged \$335. The entire number of females sold made an average of \$400 and several of them under 1 year old. Top female, an "excellent" cow, went to Loewen Brothers, Hillsboro, at \$600. The 14 bulls, half of them under a year old, averaged \$247 with a top of \$740, paid for the herd bull, Riverpark Bladen 2nd. Gary C. Brown & Sons, of Great Bend, were the buyers.

The cattle were well distributed in Kansas, Oklahoma and Arkansas. Included in the sale were 6 high-grade cows that sold at an average of \$250, two of them \$400 each. John Garretson, of Copeland; Gleason Long, Osage City, and Loewen Brothers, of Hillsboro, were among the best buyers. Art McAnarney was the auctioneer, assisted by Gus Heidebrecht, Roy Paul and Mike Wilson.

**MR. AND MRS. OTTO STELTER**, of Topeka, and **WOODROW MOBERLY**, of Elk City, held a combination sale at El Dorado, November 4. The sale was held on the Stelter farm near town and was very good. Buyers were drawn from a wide section of Kansas and sales were made to several other states. Top boar was the Stelter consignment sold for \$180. This boar was junior champion of Kansas and went to Abner F. Williams, of Capron, Okla. The second boar top was the first prize senior pig in the same show and brought \$150. Buyer was Carl Kater & Son, of Newton. Top-selling gilt, also from the Stelter herd, was junior champion of Kansas and sold for \$165. Buyer was Kermit Hogen, of Radcliffe, Iowa. M. L. Gerber & Son, of Kingman, took a March daughter of the 1949 Kansas grand champion at \$120. Forty head of boars and gilts averaged \$85 a head. Ten head went to Iowa and Oklahoma, the remainder stayed in Kansas.

The **ROHRER-PETERSON-HUBBARD** Milking Shorthorn sale, held at Junction City, November 7, was one of the good sales of the season, everything considered. No expense had been gone to in the matter of fitting. Only enough home grown feed had been used to maintain profitable growth and prepare for proper breeding results in new hands.

The entire offering sold for prices in line with present-day values, considering quality. Thirty-three head sold for a total of \$8,045, a general average of \$243.60 with a top of \$450 on a choice 4-year-old cow consigned by Julius Peterson. Charles H. Miller, of Junction City, was the buyer. Mr. Miller also purchased three other top cows at prices ranging from \$305 to \$395 a head. Two of them were from the Rohrer herd. None of these cows were in milk but would freshen later. The 13 cows averaged about \$400. Balance of offering was mostly 1949 calves, 2 of them bulls. Buyers were from many parts of the state. The 5-year-old Albino mare owned by Julius Peterson sold for \$200. Ross Schaulis was the auctioneer, assisted by C. W. Crites. Joe Hunter explained the pedigrees.

**Classified Advertising Department**

**KANSAS FARMER Classified Advertising**

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**Day-old and Started Chicks, 12 breeds. Attractive prices. Free catalog. Schlichtman Hatchery, Appleton City, Mo.**

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**Geese—Ducks:** We ship breeders, eggs, babies safely anywhere. Free catalogue. New quarterly magazine (\$1.00 year) explains profitable breeding, hatching, rearing, marketing. Peyton Farm, Route 2CK, Duluth, Minn.

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**Bagby's New Improved Nichols Strain New Hampshire** Win 1949 New Hampshire World's Laying Championship. Broiler customers report our Broad Breasted Strain makes 3 1/2-pound broilers in 10 weeks. Thousand breeders closely related to our World's Champions mated producing chicks low as \$13.40-100. Beautiful free four-color catalog. Bagby Poultry Farm, Box 884, Sedalia, Mo.

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**Quick Bearing Fruit and nut trees, shade trees, grape vines, berry plants, everblooming rose bushes and flowering shrubs at money saving prices. State and federal inspected. Satisfaction guaranteed. Write today for free colored catalog. East's Nursery, Amity, Ark.**

**Strawberry Plants.** We have the following ready for shipment: Per 100, Senator Dunlap, 90c; Blakemore, 90c; Misonary, 90c; Aroma, 90c. Per 1,000, any variety, \$7.00. All berry plants postpaid. (Wanted, walnuts and hickory nuts.) Hayes Seed House, Topeka, Kansas.

**Trend of the Markets**

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$30.00	\$35.00	\$26.50
Hogs	16.25	17.35	23.25
Lambs	23.50	24.50	25.00
Hens, 4 to 5 lbs.	.21	.20	.34
Eggs, Standards	.45	.45	.53
Butterfat, No. 1	.57	.57	.61
Wheat, No. 2, Hard	2.38%	2.38%	2.39%
Corn, No. 2, Yellow	1.22 1/2	1.17 1/2	1.42
Oats, No. 2, White	.81	.77 1/2	.91 1/2
Barley, No. 2	1.15	1.16	1.32
Alfalfa, No. 1	32.00	32.00	30.00
Prairie, No. 1	16.00	16.00	17.00

**● SEEDS**

Pure, Certified Seed of high germination and purity of the early Midland milo, the new Ellis sweet sorgho, and Norkan. Fort Hays Experiment Station, Hays, Kan.

**● FARM EQUIPMENT**

**Every farmer with a wood lot needs a MALL CHAIN SAW**  
Cuts trees and logs in a jiffy; gas or electric driven. For full description write or phone  
**SUPPLY DIVISION, Neale Const. Co.**  
3100 Topeka Ave., Phone 4-2622  
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**SILOS REPLASTERED**  
Installation of ROOFS — CHUTES — RODS  
**BE-SO COMPANY**  
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**How Much Have You Saved . . .** on purchases this year? Do as thousands of folks who must watch expenses—buy fencing, farm and home supplies from the famous Jim Brown catalog. Write for your copy today—it's free. Brown Fence & Wire Div., Jim Brown Stores, Inc., Dept. BJ, Des Moines 9, Iowa.

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**32-Volt Appliances!** Select from the World's largest line. Enjoy city conveniences. High quality. Low prices. Catalog free. Haines Corp. Dept. F, Minneapolis 2, Minn.

**32-Volt Christmas Tree Light sets** complete with 9 General Electric colored bulbs, regular \$3.95. Now \$2.00 postpaid. Haines Corp. 701-K 3rd Ave. So., Minneapolis, Minn.

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**World's Lowest Priced Rea Welder.** Allmand D250. Only \$149.50 complete. Used 32V Welders, \$20 and up. Some good dealer territories still open. Allmand, Holdrege, Nebr.

**Chevrolet Parts,** new motor or body, immediate shipment. O'Keefe, 7517 Merrill, Chicago.

**● MACHINERY AND PARTS**

**Posthole Digger:** The Modern "Rapiddigger" for Ford, Ferguson tractors. No gears, drive-shaft. Revolutionary invention. \$125.00. Write for information. Rapiddigger, 2218 Dudley, Lincoln, Nebr.

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**● LIVESTOCK ITEMS**

**Make More Profit** under average farm conditions. Raise Milking Shorthorns. For average farmer Milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Free facts. Or subscribe to Milking Shorthorn Journal. Six months, \$1.00; one year, \$2.00; three years, \$5.00. American Milking Shorthorn Society, 4122 So. Union Ave., Dept. KF-5, Chicago 9, Ill.

**Tamp-R-Pruf Ear Seals,** positive livestock identification. Self-piercing, humane, permanent. Stamped with name and number. Rustproof—Inexpensive. Over 50,000 users. Free Samples. Catalog. Write Security Seal Co., Dept. KF-12, 144 W. 27th St., New York 1, N. Y.

**● DOGS**

**Black English Shepherds.** Breeder 25 years. Shipped on approval, 10c for pictures and description. Guaranteed Healers. H. W. Chestnut, Chanute, Kan.

**Shepherds, Collies, Healers, Watch Dogs.** Zimmerman Farms, Planagan, Illinois.

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**Let the Mailman help you save.** Our advertisement in this issue tells how you can advertise by mail and earn 3% at the current rate. We'll be glad to send you full particulars. Max Noble, president, United Building & Loan Association, 217 East Williams, Wichita, Kan.

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**3c Deckledge Reprints 3c**  
Beautiful Velox Deckledge prints made from your negatives only 3c each. 6 or 8 Exposure rolls developed and printed on deckledge paper 25c. Artercraft DeLux enlargements three 5x7 only 50c. Four 8x10 enlargements from negatives \$1.00. Your favorite photo copied and 10 printed made 65c.  
**SUMMERS STUDIO, Unionville, Mo.**

**16 Enlarged, Jumbo, oversize** deckled prints from any 6-8-12-16-20 or 36 exposure roll film developed only 35c and this ad. Electronically exposed. Enlargement coupon free. Skrudland, 644-H Diversey, Chicago.

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**Trap Predators.** Coyotes, Rats, Crows. Learn from an expert with 60 years experience. Also home tanning hides and furs. All for one dollar. Bill McPherson, Fredonia, Kan.

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HONEY  
Fine Flavor and Quality  
12-1/2 OZ. \$3.25  
Delivered to your door. (Up to 600 miles.)  
Hahn Apiaries  
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**FISH**  
Fresh Frozen—Quality Guaranteed

Bluefin Herring	100 lbs.	50 lbs.	25 lbs.
Baby Pike, Dressed	\$ 8.50	\$ 4.50	\$ 2.50
No. 1 Walleyed Headless	17.50	9.00	4.75
Hallbut, Headless, Dressed	23.50	12.00	6.25
Salmon, Headless, Dressed	35.00	17.75	9.15
Sablefish, Headless, Dressed	34.50	17.50	9.00
Whitefish, No. 1, Dressed	22.50	11.50	6.00
Green Bay Smelt	31.50	16.00	8.00
Large Texas Shrimp	11.50	6.00	
Perch, Scaled, Dressed	70.00	35.25	18.00
Headless	35.50	18.00	
Prepared Lutefish, Fancy	19.50	10.00	5.25

**Cello Wrapped Frozen Boneless Fillets**

Rosefish Fillets	100 lbs.	50 lbs.	20 lbs.
Codfish Fillets	\$27.50	\$14.00	\$ 8.50
Haddock Fillets	27.50	14.00	8.50
Northern Pike Fillets	31.50	16.00	8.00
Baby Pike Fillets	38.50	19.50	10.00
Walleyed Pike Fillets	31.50	16.00	8.00
Salt Lake Herring	16.00	9.10	5.00
Salt Norway Herring	16.50	9.35	4.10
Salt Mixed Holland Herring	15.40	8.25	3.90
Salt Holland Milder Herring	16.50	8.80	4.15
Salt Mackerel Fillets	27.50	14.75	8.20
Canned Oil Sardines	Case 100 cans	\$11.00	
Canned Mustard Sardines	Case 100 cans	9.00	
Prince Olav Sardines	Case 100 cans	22.50	
King Oscar Sardines	Case 50 cans	14.00	
Smoked Salmon Chunks	10 lb. carton	5.40	
Smoked Bluefish	10 lb. carton	2.15	
Smoked Fat Salmon Chunks	10 lb. carton	4.50	
Smoked Sable Chunks	5 lb. carton	2.35	

**Johnson Fish Co. Inc.**  
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**New Crop Papershell Variety Pecans** graded large size 5 pounds, \$2.50; 10 pounds, \$4.50 delivered. Send Money Order with order. Member Chamber of Commerce. Pincus Pecan Company, Quitman, Ga.

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**Ladies; You Too** can have smooth hands. Sahara waterless hand soap contains no harsh abrasives. Prevents chapping. See our ad under Agents and Salesmen.

**Eastside Maternity—Seclusion Hospital** for unmarried girls. State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, Mo.

**Christmas Gift Book.** 40 Love Lyrics, 40c. Taylor, Publisher, 118 1/2 North Broadway, Oklahoma City, Okla.

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**Sell Nationally Advertised Sahara Waterless Hand Soap.** Removes without water paint, tar, grease, grime, dirt and animal odors. Keeps hands smooth, prevents chapping. Send \$1.00 for two 6oz tubes and sales kit. Steady, repeat business. Money back guarantee. Sahara Products Co., Grand Rapids, Mich.

**Wanted: Salesmen** calling on sound implement dealers in Kansas desiring additional line. Contact Glencoe Manufacturing Co., Glencoe, Minn.

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**We want broilers, springs.** Coops loaned free. The Copes, Topeka.

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**Free Book—Piles, Fistula, Colon-Stomach** associated conditions. Latest methods. Thornton & Minor Hospital, Suite C1206, Kansas City, Mo.

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**300 Acres River Bottom,** 2 miles town, well improved, best corn, wheat or alfalfa land, \$100. Godsey, Emporia, Kan.

**● FARMS—MISCELLANEOUS**

**Strout's Golden Anniversary Farm Catalog—**Just Out! Over 2,800 outstanding bargains. Coast-to-Coast. Mailed free. Write today. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

**Free Winter Catalog,** farm bargains, many equipped, illustrated, several states! United Farm Agency, 428-KF BMA Bldg., Kansas City 8, Mo.

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**Farmers, 4-H Gardeners.** New, sensational, scientifically proven way to increase vegetable gardens, orchards and crop yields. Once done, no more expense. Send 10c today for valuable booklets. Midwest Farms, 112-F S. Elizabeth, Wichita 12, Kan.

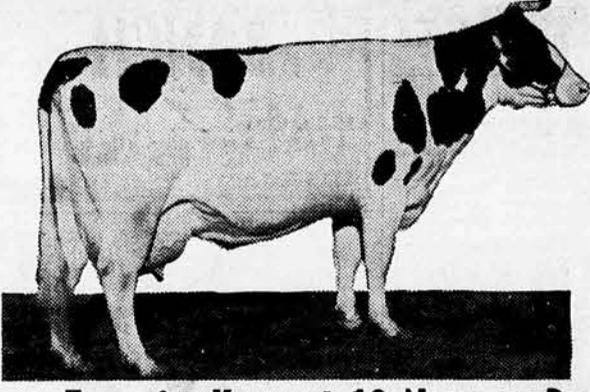
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**Save Chicken Feed!** Don't feed the sparrows high priced chicken-feed. My homemade trap guaranteed to catch them by the dozens. Easy to make. Plans 10c and stamp. Sparrowman, 1718 Lane, Topeka, Kan.

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**December 17 Will Be Our Next Issue**  
Ads for the Classified and Livestock Section must be in our hands by **Friday, December 9**  
If your ad is late, send it in Special Delivery to 912 Kansas Ave. Kansas Farmer, Topeka, Kan.

## DAIRY CATTLE SALE



**125 Head Sell at the Emporia Livestock Sales Barn, Emporia, Kan., at 12 Noon on December 13**

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### 75 GUERNSEYS and 50 HOLSTEINS

50 Cows just fresh or freshening. 75 Heifers, springing up close. These are all Minnesota and Wisconsin cattle and have real production back of them.

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**SPECIAL—We have one lot of (27) HOLSTEIN SPRINGING HEIFERS from one big herd in Wisconsin. They are all dehorned, calfhood vaccinated for Bang's and test clean and due to calve in December and January and bred to a real production bred Reg. Holstein bull.**

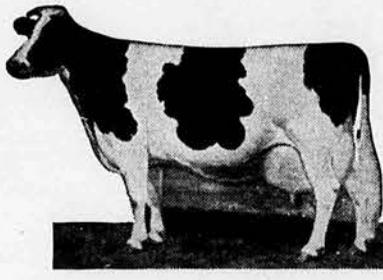




**HEALTH:**  
Clean health certificate for Tb. and Bang's with each animal. For more information write to W. L. SCHULTZ & SON, Hillsboro, Kan. Auctioneers: Boyd Newcom, Davenport and Wilson

## ANNOUNCING Complete Holstein Dispersal

**Paul G. Jamison Cummings, Kansas Friday, December 9**



### 45 REG. HOLSTEINS

Selling at farm, under cover, 6 miles southwest of Atchinson, Kansas, on U. S. 59

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**Tb. and Bang's Tested Within 30 Days and Negative DHIA Records for Past 10 Years**

505 lbs. Herd Average in 1942 — Consistently over 400 lbs. on 2 X

20 Registered Cows—Nearly all fresh in October and November. A fall freshening herd. Seven are first-calf daughters of Hope View Fobes Aspirant 13th, double grandson of Posch Ormsby Fobes 11th, high plus proven Iowa sire. They are nice uddered—2-year-olds—Very Dairy.

10 Bred Heifers—All home bred and raised. Calfhood vaccinated—good 400-lb. records on the dams.

10 Open Heifers and Heifer Calves—Many are artificial calves from Trenton, Mo. Clyde Hill breeding.

4 Young Bulls.

1 Yearling Son of Weber Burke Clover Frosty—Bechtelheimer herd sire. Entire herd calfhood vaccinated and all home bred except bull.

Here is an opportunity for some breeder to secure 8—10 daughters of one sire—to start a real herd in the future. You can see milking daughters of this good sire. The guess work is taken out.—E. A. Dawdy.

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

**DALE KONKEL**, Spotted Poland China breeder of Haviland, made quite an extended showing of his "Spots" this year. He exhibited at these fairs which were held at the following places: Pueblo, Colo.; Topeka and Hutchinson, Kan.; Oklahoma City and Muskogee, Okla.; Dallas, Tex.

The herd won 115 ribbons, and this breeder had either grand champion boar or sow in every show except Muskogee. He won grand champion on 3 different sows. New herd boars have been added to this well-known herd recently. One is a son of Vigar, 1st prize junior yearling many times. Also the junior champion boar of Texas is the property of the Konkels. With these good boars and a strong sow herd, this Spotted Poland establishment is prepared to raise better hogs of this breed.

**O'BRYAN RANCH HEREFORD** dispersal, Hattville, Kan., averaged \$408 on 42 lots in their October 24 sale. The owner of the registered Herefords was 9-year-old son of Joe O'Bryan, who is so well known to everyone who attends any of the O'Bryan Hampshire hog sales. He is W. W. O'Bryan and stayed in the auction stand and made many timely remarks during the conduct of the sale.

Three bulls averaged \$565 with 39 lots of females averaging \$396. Forty-two lots averaged \$408. Tony Gobel & Son, Hattville, bought the top bull and the sale top when he paid \$695 for the herd bull, which was a 3-year-old son of WHR Helmsman 3rd. Top lot was a cow and calf at \$680. Cow, a 13-year-old, sold for \$180 and her heifer calf for \$500. Most of the Herefords went to Kansas buyers.

**ELMER L. JOHNSON**, of Smolan, held his annual sale of Hereford cattle in Salina, October 13. The Johnsons are well known for selling good Hereford breeding cattle thruout this territory. Their 1949 offering was certainly up to par. Thirty-two females were sold for an average of \$361, while 23 bulls averaged \$339. Fifty-five head of cattle sold made a general average of \$352. E. B. Toll, of Salina, paid \$840 for C. K. Royal Dundy 1st. This was the top price of the bull section. Mr. Toll also bought the top-selling female in the sale at \$540. Glen I. Gibbs, Hereford breeder of Manchester, who dispersed his Herefords some time ago and is now building a good herd of Hereford cattle, paid the second top for females in this sale when he selected G. F. Miss True D. 18th and bid \$535 for her. Charles Corlike sold the sale.

The **KANSAS JERSEY CATTLE CLUB**, held their annual consignment sale at the college livestock pavilion, Manhattan, October 20th. This event was the 7th sale sponsored by the Kansas state Jersey organization. However, the number of cattle in this consignment sale was considered rather small, but the quality of the offering ran much higher than usual. George Schurle, of Manhattan, paid \$575 for the top bull in the auction, Highfield Double, a son of Highfield Nobly Stanward. This bull was consigned to the auction by Hallmark Farms, of Kansas City. A top of \$410 on females was made when Thomas Tollefson, of Willis, bid on Sultan's Glamour Girl, consigned by Hallmark Farms, of Kansas City. The entire offering made a general average of \$250 a head. Col. Bert Powell was auctioneer, assisted by paper representatives.

## HOGS

### Try Konkel's Spotted Polands

For Sale—Spring and fall boars; bred sows and gilts; weaning pigs. Attractive prices and our tops. Inquire of

**DALE KONKEL & SONS, Haviland, Kansas**

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### BAUER'S OFFER TOPS IN APRIL BOARS

Same breeding as sold in our recent record Poland China bred sow sale. Farmers type. Priced reasonable. **BAUER BROS., Gladstone, Nebr.**

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### 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**

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### WE OFFER PUREBRED HEREFORD HOGS

Choice weaning high quality pigs. Well grown and thrifty boars and gilts.

**ROY HUBBARD, Junction City, Kansas**

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Pigs both sex 50 to 125 pounds. Bred sows and gilts.

**PETERSON & SONS**  
Osage City, Kansas

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### Chester Whites, All Ages

300 Boars, 200 Gilts—open or bred, 50 Yearling Sows, weaning pigs, choice ones for Club boys. Sired by grand champions. Big litters.

**Bloom & Sons Chester White Ranch, Corning, Ia.**

## Dairy CATTLE

### DU-AYR AYRSHIRE FARM



We have a good selection of young bull calves to serviceable age, out of approved dams with records over 500 lbs. of fat and sired by approved bulls. Inquire and visitors welcome.

**DU-AYR FARM**  
M. B. Dusenbury, Corbin, Kan.

## WISCONSIN'S CHOICE



Registered Holstein, Brown Swiss, Guernsey heifer and bull calves. Also choice cows. Many from 500 lb. butterfat dams. Write or phone for prices and availability.

**J. M. MEARLAND & SON**  
Watertown, Wisconsin

## SMOKY VALLEY HOLSTEINS

For Sale—Bulls ready for service out of cows with records of 500 lbs. fat and better.

**W. G. BIRCHER & SONS, Ellsworth, Kansas**

## 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. Young bulls with high-production dams or granddams.

**H. A. DRESSLER, Lebo, Kan.**

## Offering Minnesota Holsteins

Holstein Heifers—50 Yearlings, 30 Springers. Fine quality.

**EARL STEINBRING**  
Rt. 3, North Branch, Minn.

## REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type. Popular Bloodlines.

**Ransom Farm, Homewood (Franklin Co.), Kan.**

## REGISTERED GUERNSEY BULLS

28 Cows. Herd average 449 F.

**E. D. HERSHBERGER**  
Newton, Kansas

## HOGS

### Bergsten Improved and Registered Hampshires

Now offering a very good selection of spring boars that are ready for service. We welcome your inquiry or inspection.

**R. E. BERGSTEN & SONS**  
Randolph, 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

## Shepherds Super Durocs

Excellent February and March boars sired by Lo-Thickmaster Super Spotlight. Perfect Trend. Boar battery 2d to none other. Siring the kind that suit the farmer, breeder and packer. Deep, thick, real quality kind. Low built, rich red. Nicely grown. We can please you at a reasonable price. Kansas oldest herd. See these before buying.

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

## 25 Reg. Serviceable Duroc Boars

Uniformity unsurpassed. Probably the best raised in nearly 50 years. Reasonably priced. Shipped on approval. Immuned. Write or come.

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

## KAWVALE YORKSHIRES

I will have a few open fall gilts available for shipment about December 15. No bred Yorkshire gilts or service-age boars for sale at present.

**REX J. KENT, Manhattan, Kan., Rt. 1**  
On Highway 40, 7 Miles Southwest

## Champion Carcass of the World

Our Yorkshire Barrow  
Raise Yorkshires for less lard, larger litters. High winning herd of the breed, Illinois, Ohio and Maryland. Illustrated circular.

**YALEHURST YORKSHIRE FARM, Peoria, Ill.**

## NEBRASKA'S 1ST NATIONAL PROMOTIONAL AYRSHIRE AUCTION



Lincoln, Nebr. (State Fair Grounds)



### Wednesday, December 21—1 P. M.

### 40 SUPERIOR REGISTERED AYRSHIRES

15 High Grade (not registered) Cows and Heifers. Selected from Kansas, Nebraska and leading herds of New England states. All backed by high production ancestry, some by approved sires.

30 Cows and Heifers, fresh or near to calving.

20 Heifers of superior quality.

10 Baby Calves, for 4-H, FFA or the most critical breeder.

A few service age and bull calves.

**ELMER SCHMIDT,**  
Sale Manager, Walton, Kansas

**Beef CATTLE**

**Selling Polled Herefords**

at South Central Hereford Assn. sale, Fairgrounds  
**Newton, Kansas**  
**Friday, December 9**

NL Ned Domino and NL Don Domino, both 18 mos. old and out of Real Plato Domino 73d son of 1940 National Champion Polled Hereford Bull. Plus 2 cows bred by Nip Worthmore. One cow with calf at side by sale date.

Also consigning to the Kansas Polled Hereford Sale at Hutchinson on December 12.

One heifer, Lady Aster 66, sired by Plato Aster 35th and bred by Nip Worthmore.

We also have several bulls for sale at the farm.

**NORLYN FARM**  
**Harold Gingrass and Sons**  
 Sedgwick, Kansas



**OFFERING REG. POLLED HEREFORDS**

20 Bull Calves and several Heifer Calves. Sired by Advance Choice 16, a great son of Advanced Domino 50 and Advance Domino 8, a son of C M R Advance Domino 35. Priced reasonable. Write or visit.

**MARTIN I. SHIELDS & SONS**  
 Lincolnville, Kansas  
 Near Highway 77 and 50 North



**Polled Hereford Bulls and Females**

5 Cows to calf soon, Pawlino Domino and Beau. Perf. breeding. Also several herd bull prospects, 10 to 12 months old. Sired by Choice Advance 6th.



**RICHARD ZIEGLER**  
 Route 2, Box 96, Junction City, Kansas

**HEREFORD BULLS—HEREFORD FEMALES**

We have a number of young bulls, ages 10 to 20 months, sired by Royal Tredway 51st for sale at present. Also 5 heifers to calve in March bred to Warrior Domino Jr. Also 7 yearling heifers and a number of 1949 heifer calves.

To Newton Sale—We are selling 2 bred heifers and 2 open in the South Central Hereford Sale, Newton, December 9. The bred heifers are mated to Warrior Domino Jr.

**RAY RUSK & SON, Wellington, Kansas**

**Dual-Purpose CATTLE**

**DIAMOND A FARMS Polled & Horned Milking Bred Shorthorn Bulls**

Reds and roans up to 10 months of age. Tops in breeding and classification. Backed by DHA milk records. Prices reasonable. Write or visit.

**DWIGHT ALEXANDER, Geneseo, Kan.**

**OFFERING REGISTERED MILKING SHORTHORNS**

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

**MINOR STALLARD, Onaga, Kan.**

**Reg. Milking Shorthorn Bulls**

Sired by Maid's Duke (EX.) 2nd place age bull at National Show in 1947. Seven nearest dams averaged 618 lbs. butterfat. From classified and R.M. cows.

**H. R. LUCAS & SONS, Macksville, Kansas**

**REGISTERED MILKING SHORTHORN BULLS**

Calves serviceable age, sired by Patten Hill Chess (V. G.) and Lassies Pount from classified and tested cows.

**JOHNSTON BROTHERS, Brewster, Kan.**

We will try to help you locate the MILKING SHORTHORNS you are looking for. What are your needs? Write Kansas Milking Shorthorn Society, C. O. Heldebrecht, Secretary, Inman, Kansas.



**SOUTH CENTRAL HEREFORD ASSN. SALE**

(FAIR GROUNDS)

**Newton, Kan., Friday, Dec. 9—1 P. M.**

**Consignors 1949 Sale**

PHIL H. ADRIAN, Moundridge  
 EARL C. AMBELL, Burton  
 G. R. DAVISSON & SON, Inman  
 W. T. DICK & SONS, Burrton  
 HAROLD GINGRASS & SONS, Sedgwick  
 VERNON D. & NELSON GOERING, Moundridge  
 AET V. KREHBIEL, McPherson  
 FELIX J. KREHBIEL, Elyria  
 I. K. LYGRISSE, Benton  
 MILLER BROS., McPherson  
 S. D. MILLER, Conway  
 DICK MULVANEY, Moundridge  
 J. R. OVERSTREET, Newton  
 RAY RUSK & SONS, Wellington  
 I. R. SCHMIDT, Buhler  
 ELLAS W. SCHRAG, Moundridge  
 RAYMOND SHOCKEY, Derby  
 WAITE BROS., Winfield  
 ARTHUR WITTORFF & SONS, Inman  
 F. H. WITTORFF & SON, Inman

**57 HEAD**

**Polled and Horned Herefords**  
**28 Bulls — 29 Females**

Judging contest at 9 A. M. for 4-H and FFA Vocational Students. For rules contact your county agent. First prize is a heifer from the Phil Adrian herd, other prizes by Newton Chamber of Commerce.

For catalog write

**Phil Adrian, Moundridge, Kan.**  
 Auct.: Fred Chandler; Ringsman, Harold Tonn  
 Representatives from the Hereford Journal, Kansas Stockman and Kansas Farmer.

The SEVENTH ANNUAL KANSAS STATE HOLSTEIN sale was held at Tri-County Memorial Park, in Hutchinson, Monday, November 7. The committee chairman in charge of sale was George E. Stone, of Medicine Lodge. Sixty-two head were sold, all of them carefully chosen by a sale committee from the herds of 40 leading Kansas herds. The sale average was \$514, with a top of \$1,075, paid by Robert Adams, of Broken Bow, Okla., for a cow from the consignment of Mott & Kandt, of the Whitehall Dairy Farm, at Herington. The second top of the sale was for a cow from the White Farms, of Topeka. The cow sold for \$825, and her 3-day-old calf brought \$225. The high bull sold for \$775 to Mott & Kandt. Oklahoma and Texas furnished a large part of the best buyers. Sale officials were profuse in their praise of what had been done by Herington to prepare a suitable and convenient place for holding the sale, much of the credit going to Dr. W. H. Mott for his untiring efforts in arranging for the sale. Doctor Mott's birthday had already been claimed for the 80th time and the night before a big banquet was held in his honor, attended a large circle of friends that the doctor has been accumulating over the year. Many telegrams, letters and other tokens of lasting friendships were received.

**Public Sales of Livestock**

**Aberdeen-Angus Cattle**

March 6—Penney & James, Hamilton, Mo.  
 March 21—U. S. Center Angus Association, Smith Center, Kan. Leonard Patman, Secretary.

**Ayrshire Cattle**

December 21—National Promotional Ayrshire Auction, Lincoln, Neb. Elmer Schmidt, Sale Manager, Walton, Kan.

**Guernsey Cattle**

December 5—Kay County Guernsey Breeders' Association, Newkirk, Okla. W. R. Hutchinson, Secretary, Newkirk, Okla.  
 December 13—W. L. Schultz, Hillsboro, Kan. Sale at Emporia, Kan.

**Hereford Cattle**

December 6—Woody Hereford Ranch, Barnard, Kan. Sale at Kansas City, Mo. American Royal Building.

December 8—Morris County Hereford Breeders' Association, Council Grove, Kan.

December 9—The South Central Hereford Association, Newton, Kan. Phil Adrian, Sale Manager, Moundridge, Kan.

December 13—Matheson Brothers, Natoma, Kan.  
 December 14—B. K. Hereford Ranch, Longford, Kan. Sale at Minneapolis, Kan.

February 4—Northeast Kansas Hereford Breeders' Association, Topeka, Kan. Elmer Becker, Sale Manager, Meriden.

**Polled Hereford Cattle**

December 9—Harold Gingrass & Sons, Sedgwick, Kan. Sale at Newton, Kan.

December 12—Kansas State Polled Hereford Association, Hutchinson, Kan.

**Holstein Cattle**

December 9—Paul G. Jamison, Atchison, Kan. Elmer Dawdy, Sales Manager, Salina, Kan.

December 13—W. L. Schultz, Hillsboro, Kan. Sale at Emporia, Kan.

**Milking Shorthorn Cattle**

April 11, 1950—Floyd O. Revert, Forgan, Okla. Roy Paul, Sale Manager, Broken Arrow, Okla.

**Duroc Hogs**

January 16—Harry Givens, Manhattan, Kan.  
 January 31—Kansas Duroc Progress Sale, Manhattan, Kan. Lee Brewer, Sale Manager.

February 1—Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.

**Hampshire Hogs**

February 21—R. E. Bergsten & Sons, Randolph, Kan.

**Hampshire Sheep**

December 3—International Hampshire Breeders, Oskaloosa, Ia.

**Suffolk Sheep**

December 3—North American Suffolk Breeders, Oskaloosa, Ia.

**Dual-Purpose CATTLE**

**NO BULL**

of the breed has shown better market type at every age; and few carry better production inheritance. Let us tell you about Dual Beau Ringmaster, and other bulls for sale in our own and other Milking Shorthorn herds. Also females of all ages.

**HARRY H. REEVES, Hutchinson, Kansas**  
 Rt. 3, Phone 85N4, 4 miles N. E. on K17

**REGISTERED**

**MILKING SHORTHORNS**

3 Yearling Bulls, 1 two-year-old Bull and 7 head of high-producing Milk Cows and Calves.  
**A. P. SCHENDEL, Homewood, Kansas**  
 10 miles southwest of Ottawa.

**OFFERING REGISTERED RED POLLED CATTLE**

For Sale—good cows and heifers.  
**J. M. LYONS, Coffeyville, Kan.**

**REGISTERED RED POLLS**

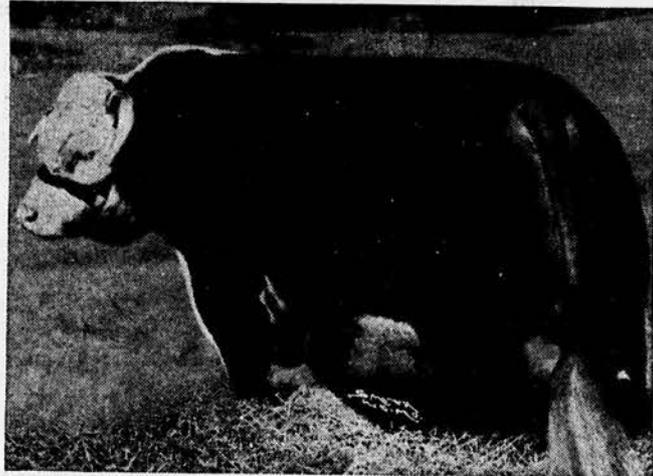
Bulls and Heifers. Year old.  
 Priced to sell.

**WM. WIESE, Haven, Kansas**

**B-K HEREFORD RANCH 5TH ANNUAL CALF SALE**

1 o'clock in heated sale pavilion (rain or shine) on U. S. Highway 81.  
 Come early and eat in sale pavilion.

**Minneapolis, Kan., Wed., December 14**



Prince Domino Premier 2429636, grandsire of our Senior herd bull Domino Mischief 2nd 4142067.

**45 LOTS—Cow herd of WHR and Hazlett breeding**  
**31 Registered Bulls, 8 to 11 months old**  
**14 Registered Heifers, 6 to 11 months old.**

We have had many comments from breeders and farmers who have purchased calves in our previous sales, sired by our senior herd sire, **Domino Mischief 2nd**. They have developed into good sires and matrons, and will do as much for buyers in this sale.

For catalog write

**B-K HEREFORD RANCH, Longford, Kan.**  
**Clarence F. Bergmeier, Clarence E. Koerner, Owners**  
 Auctioneer: Ross B. Schaulis, Clay Center  
 Frank Wilson with American Hereford Journal  
 Mike Wilson and Jesse R. Johnson with Kansas Farmer



**MORRIS COUNTY HEREFORD ASSOCIATION SALE**

will be held

**Thursday, Dec. 8, 1949, Council Grove, Kan.**  
 at Council Grove Sales Barn

Show for sale order begins at 10 a.m. Sale begins promptly at 12:30 p.m.

**26 BULLS — 26 COWS and HEIFERS**

**Bred and Open Cows**  
**Good 4-H and FFA prospects.**

**Horned and Polled Cattle offered.**  
**All cattle are Tb. and Bang's tested.**

**THE CONSIGNORS ARE:**

**TITUS & STOUT, Cottonwood Falls**  
**BECK BROTHERS, Council Grove**  
**J. J. MOXLEY, Council Grove**  
**DEAN McCALLUM, Matfield Green**  
**J. B. PRITCHARD, Dunlap**  
**MILLER & MANNING, Council Grove**  
**WAYNE H. WARD, Elmdale**  
**E. A. STEGEMAN, Marion**

**ALFRED WANER, Florence**  
**W. R. ZIMMERMAN, Alta Vista**  
**GEORGE GAMMELL, Cottonwood Falls**  
**LITKE & KRAUSE, Council Grove**  
**MULVANE FARMS, Rossville**  
**B. E. MILLER, Council Grove**  
**WARD & HERRICK, Elmdale**  
**ROBERT ZIMMERMAN, Alta Vista**

For sale catalog write **JOE P. NEILL, County Agricultural Agent, Council Grove, Kansas**  
 Freddie Chandler will be the auctioneer.



**DON'T FAIL TO ATTEND KANSAS POLLED HEREFORD ASSN. SHOW AND SALE**

**BIGGEST EVENT OF THE SEASON**  
**Hutchinson, Kan., Mon., Dec. 12**

**60 BULLS -- 38 FEMALES**

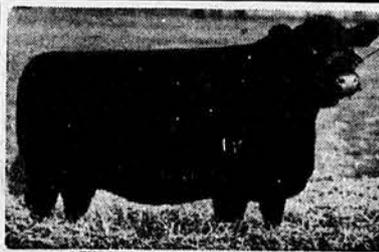
Drawn from 42 leading herds (TOPS)

Banquet and Business meeting, Sunday, December 11

SHOW AT 9 A. M. — SALE AT 1 P. M.

One of the Outstanding Polled Hereford Events of the Year

For catalog write **VIC ROTH, Box 702, Hays, Kansas**



QUEEN OF HEARTS 2nd X

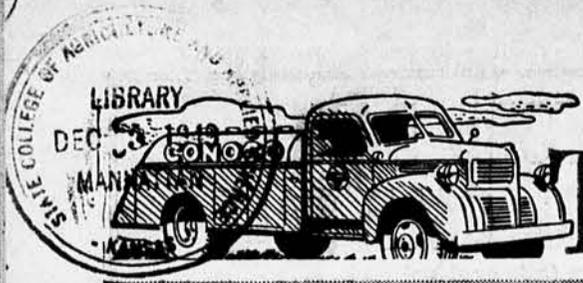
**120 POLLED SHORTHORNS**

**Cherry Hill Hallmark, Nonpareil and Hallmark 3rd—Herd Sires**  
**New blood and of the best.**

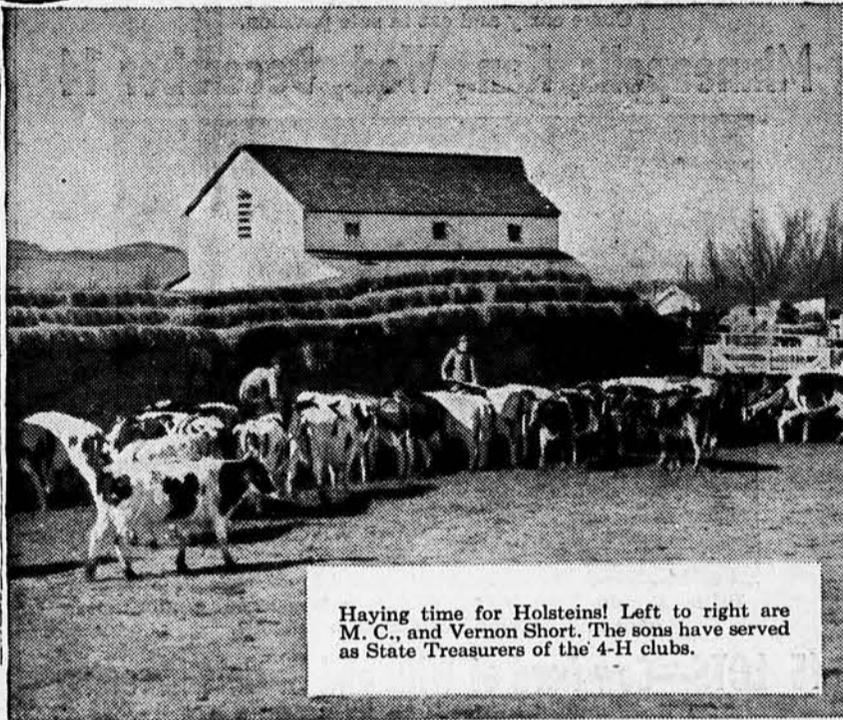
60 For Sale—Males, club calves, bred and open females. Some of all ages. Officially vaccinated. Guaranteed breeders. Also some show prospects. Prices right.

Location—we are 22 miles west and 6 miles south of Hutchinson, Kan.

**J. C. BANBURY & SONS**  
 Phone 13F2 Plevna, Kansas



# The Tank Truck



Haying time for Holsteins! Left to right are M. C., and Vernon Short. The sons have served as State Treasurers of the 4-H clubs.



The Flying Shorts! Left to right, Mrs. Bud Short, Vernon, Mrs. Rheda Short, Mr. Short and Bud. Mrs. Rheda Short was named Typical Flying Farmer Mother at the Columbus, Ohio, convention.

## Wyoming Farmers Up In The Air

The entire M. C. Short family are up in the air a good deal of the time.

The Shorts are a dairying family who keep a herd of 140 high-grade Holsteins on 580 acres of some of the finest farmland near Wheatland, Wyo. For cleanliness and tip-top maintenance, their farm is one of the showplaces of the section.

But that's not what they're up in the air about! The fact is, the Shorts are very enthusiastic Flying Farmers and all the members of the family are in on it.

Mr. Short has his student permit. The sons, Vernon and Bud, have private fly-

ing licenses. And their mother, Mrs. Rheda Short, has been flying for years.

But flying is not Mr. Short's only activity. He is a member of the Wheatland Irrigation District, a director of the Beet Grower's Association, and a member of the Agriculture Conservation District Board.

"Prior to using Conoco N<sup>th</sup> Motor Oil exclusively," he writes, "I tried many

others. They were all highly recommended, but I was not entirely satisfied with the results. I now use N<sup>th</sup> oil in all my equipment.

"I have had a *minimum of repair bills. My costs of lubrication have been reduced materially*, and I do not run the risk of having equipment shut down or torn down, causing expensive repairs and delays."

So you see, although Mr. Short may be up in the air part of the time, he gets right down to earth when it comes to choosing the best lubricants for his farm equipment. Conoco N<sup>th</sup> Motor Oil, of course, and all the other Conoco farm lubricants.

## Old War Horse Runs Like New



"I have worked my 1,000-acre wheat farm for the past 10 years with the same tractor," writes Jack Huntsinger, Conrad, Mont. "During this long period of service, this Twin City FTA tractor had only one major overhaul job, and that only a couple of years ago.

"I was not at all surprised to find that 'the old war horse' was almost still like new from a mechanical standpoint. I have purchased a new Cletrac BD tractor, and this new tractor will be given the same assurance of a long life, free from troubles, by being lubricated with Conoco N<sup>th</sup> Motor Oil and other Conoco Products."

## Frozen Cranberries

\* \* \*  
by Mrs. V. E. Harris  
R. 2, Fairbury, Nebr.

1 quart cranberries  
2 cups water  
¼ cup raisins

2 egg whites  
2 cups sugar  
2 cups water

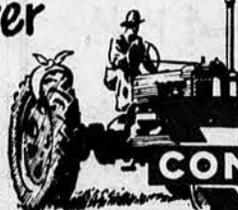
Boil cranberries, raisins and two cups water 10 minutes. Strain through fine sieve. Boil two cups sugar and two cups water 20 minutes and add to first mixture. Cool and freeze. When half frozen add the whites of two eggs beaten light and finish freezing.

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

## FARM KITCHEN

## Field Measurer

Measure around tractor wheel, then tie cloth to wheel. Drive slowly, count the turns of the wheel. Multiply turns by measurement around wheel for total distance, suggests John Duesman, R. 1, Lawton, Okla.



Discussing the heavy cotton-growing land are Robert Underwood Conoco Agent Roy Busby, Bart Underwood

## Conoco Can Stand the Gaff

There's waxy land around Waxahachie, Tex.—tough to farm. But J. B. (Bart) Underwood and his sons, Robert and J. B. Junior, have found a way to handle it.

"When you operate 8 tractors, 3 trucks, 3 pickups, a thresher, haypress and other equipment in farming this heavy black waxy land around here," Bart Underwood reports, "you must have a lubricant that can stand the gaff. It's no job for a softie—man, tractor or oil.

"In these days of high prices—tractors and labor cost a lot of money. We just can't afford to be plagued with breakdowns, loss of time, and repairs. We *must* have an oil that can take it. We get it in Conoco N<sup>th</sup> Motor Oil.

"In fact, when you consider that we have spent only an average of \$26.87 per year for major repairs for the past 8 years, you know that N<sup>th</sup> oil is doing the job."

## Corn Sorter

To screen out loose grains, blades, husks and small ears, set up screen of 3/8" rods under elevator, with a trough to carry shelled corn, etc., away from crib, says Ralph Baughman, R. 2, Smithfield, Ill. A tank or wagon will catch the screened grain.



## PRIZES FOR IDEAS!

Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine \$8 D-15 Henry Disston Hand Saw for every idea that's printed!

## YOUR CONOCO AGENT