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KANSAS FARMER

CONTINUING MAIL & BREEZE

OCTOBER 18, 1947



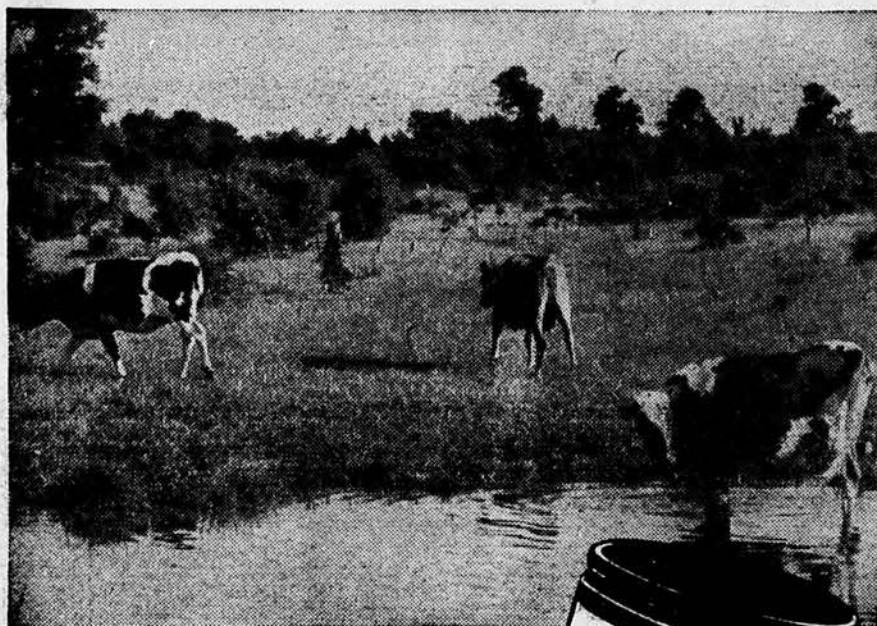
State Champion Bread Baker . . . See Page 8



If you have one cow . . .
or a thousand . . .

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UDDER OINTMENT IN YOUR BARN!



Poor Udder—Poor Cow! Dairy farmers don't have to be told that udder disorders can play hob with their herd and their profits. Phillips 66 Udder Ointment helps heal chapped, scratched, caked or swollen udders. It's soothing and antiseptic, too. It gently increases local circulation and promotes natural healing. Keep it on hand at all times and treat minor disorders before they become serious. Consult your veterinarian for treatment of serious disorders. Phillips 66 Udder Ointment is especially recommended to help prevent irritation and caking before and after calving, and during the milking period. Next time you see your Phillips 66 tank truck driver, order a jar, and keep this "first aid" product in a convenient place at all times.



EASY TO USE! No mixing. This is a ready-to-use product. Large-mouth jar makes it easy to get at.

Other Phillips "First Aids" for the Farmer—In a way you could also call Phillips 66 Gasoline and Phillips 66 Motor Oil "first aids" for your truck, tractor or car. These good quality Phillips 66 products are designed to help keep machines functioning properly. For this reason Phillips 66 Gasoline is blended . . . that is "Controlled" . . . to give you smooth, uniform performance 365 days of the year! Not all gasolines give you this matched to the climate and the season performance. Phillips is able to do so because of their *great variety* of high-quality blending stocks! And Phillips 66 Motor Oil, too, gives you outstanding performance. It's a naturally tough and sturdy "crude", with its "goodness" built in by Mother Nature! Special refining makes it extra smooth and slick, to keep your engine in good condition.

Why not call up the friendly Phillips 66 tank truck driver right now and ask him to put your name on his list of calls. No order is too small to receive prompt, courteous attention.



FOR BETTER SERVICE... PHILLIPS 66

Appoint L. C. Williams New Dean of Extension

APPPOINTMENT of L. C. Williams as dean and director of the Kansas State College extension service brings a man of wide training and experience into that important position. In addition, his reputation over the state is such that he can expect complete co-operation from farm agencies and organizations, as well as from individual departments of the state extension program.

Director Williams has been associated with Kansas State College most of the time since his graduation in 1912. A degree of bachelor of agriculture was awarded him by the college in 1922. He is an honorary life member of the state horticultural society and holds membership in Epsilon Sigma Phi, Phi Kappa Phi and Gamma Sigma Phi, honor societies.

Since 1915 Mr. Williams has been associated in all phases of the extension service program. He has been a horticulture and 4-H Club specialist, supervisor of the staff of agricultural specialists and, since 1937, assistant dean and director.

The new director will succeed L. L. Longsdorf, extension editor, who has served as acting dean and director since the retirement of Dean H. Umberger a few months ago.

"Lisle Longsdorf has handled a difficult emergency job most capably and has earned the gratitude of all members of the extension service," President Eisenhower said in announcing the appointment of Williams.



Dean L. C. Williams

"The Kansas extension service," President Eisenhower points out, "is an extensive and influential educational organization. There are 103 county offices, staffed by 168 agricultural, home economics and 4-H Club agents. The central office at Manhattan has 40 field workers. Membership in the state extension service organization totals 50,584 men, 28,095 women and 24,261 4-H Club boys and girls."

Kansas Wheat King Wins Chicago Trip

ALTHO he is only 16 years old, William Bortz, of Osborne county, already has an enviable record as a producer of quality wheat.

William has been growing certified Comanche wheat for the last 2 years. Last year he was the blue-ribbon wheat grower of the county in competition with all other certified wheat growers. This year he had the grand champion half-bushel sample of wheat at the Osborne County Fair.

With this success to his credit he entered the Kansas State Fair wheat show in both open and 4-H classes, winning second place in both. Then, to cap the climax, he had the grand champion bushel sample in the Kansas Wheat Festival competition. Judges reported that his wheat rated high in both physical appearance and milling quality. It tested 62 pounds with a protein content of 13.1 per cent. Germination was 97 per cent and purity 99.95 per cent.

In addition to his other honors, William was selected as wheat king in Osborne county to compete for state honors in that event at Hutchinson this year, competed in the style show for complete costume and for best-groomed boy.

Young Bortz is a member of the Solomon Valley 4-H Club, near Downs. He had 48 acres of certified Comanche wheat this year but says 27 acres of it was lost in last spring's freeze. In the open competition at Hutchinson his sample won second against 65 varieties entered in the contest.

As a result of his achievement at Hutchinson, he will receive a free trip to the International at Chicago.

Turkey Day Soon

Results of the first turkey-feeding experiments at the Garden City branch of the Kansas Experiment Station will be outlined at a Turkey Feeders' Day at Garden City, November 14.

A summary of the experiments will be presented in a morning session by L. M. Sloan, superintendent of the station. Results of feeding turkeys to 28 weeks old on oats, barley, corn, wheat, milo, and kafir as the principal ingredient in 6 different rations will be given by L. F. Payne, head of the Kansas State College poultry husbandry department.

The morning session, which will be held at the station, near Garden City, will be opened by L. E. Call, of Kansas State College.

A feature of the day will be a turkey banquet at the Hotel Warren at noon with Lester McCoy, of Garden City, as toastmaster. The Hon. Clifford R.



William Bortz, 16, of Osborne county, was declared champion wheat grower in the Kansas Wheat Festival held in connection with the Kansas State Fair.

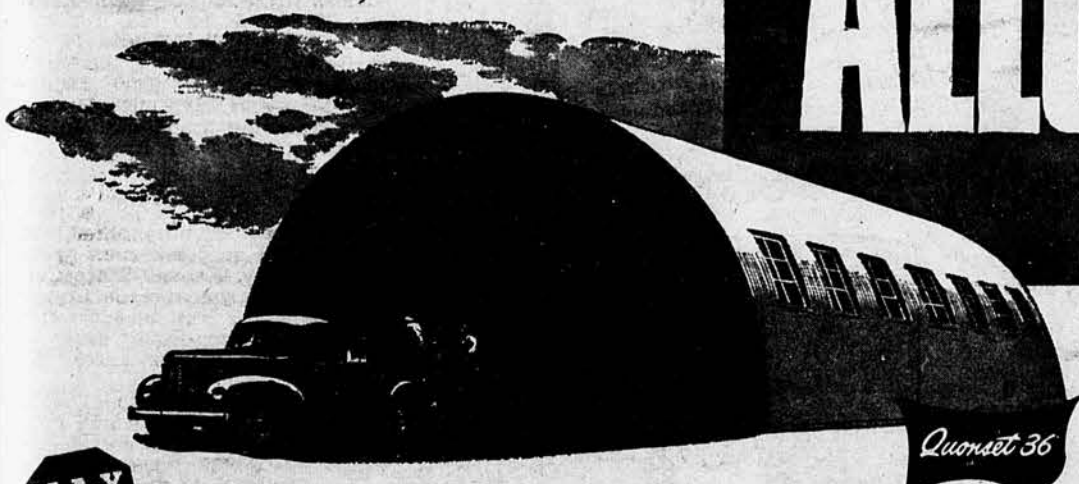
Hope, congressman from the 7th Kansas district, will address the group on national legislation of value to the poultry industry. Other features on the program will include a talk on "Turkey, a Year-around Item on the Menu," by R. G. Christie, general secretary of the Kansas Poultry Improvement Association, Manhattan; a demonstration of grades and fat distribution of dressed turkeys from each of the 6 experimental lots, presented by Clarence L. Gish, assistant professor of Kansas State College; a talk on the meaning of these results to turkey producers, by M. A. Seaton, Kansas State College poultry specialist.

For Laying House

A great labor saver is a droppings pit in the poultry house. Another advantage is that less material is required to construct a droppings pit than droppings boards. A blueprint with illustration of a droppings pit, is available from Kansas State College Extension Division. A postcard request for blueprint, addressed to Farm Service Editor, Kansas Farmer, Topeka, will receive prompt attention. Ask for Circular No. 189.

AT NO EXTRA COST YOU CAN NOW BUY A QUONSET THAT WILL OUTLAST, OUTVALUE ANY OTHER STEEL BUILDING, BECAUSE IT IS . . .

FRAMED WITH N-A-X ALLOY STEEL

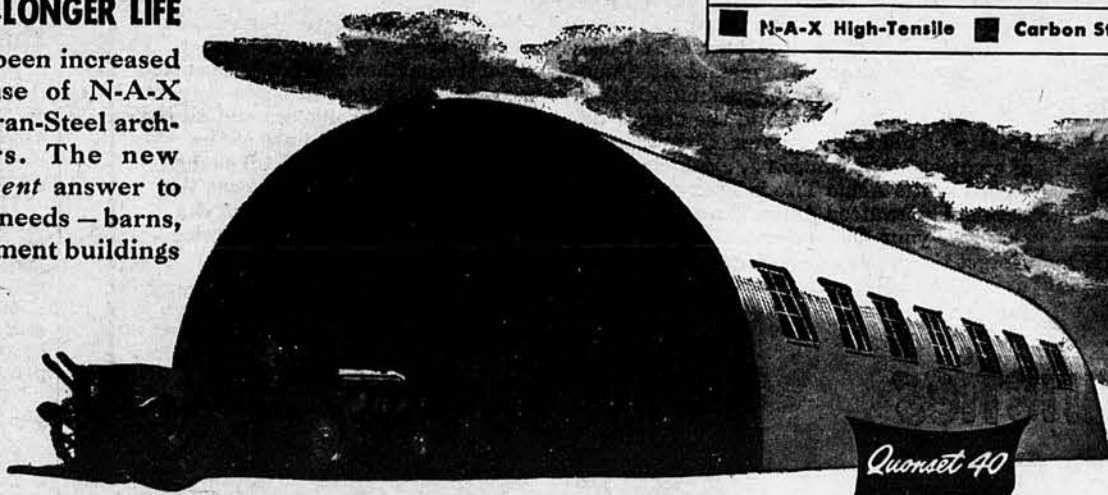


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N-A-X ALLOY STEEL FOR LONGER LIFE

Structural strength has been increased by 50% through the use of N-A-X High-Tensile steel in Stran-Steel arch-rib framing members. The new Quonsets are a *permanent* answer to varied farm building needs — barns, storage buildings, implement buildings and many others.

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Yield Strength	=====
Corrosion-Resistance	=====
Resistance to Denting	=====
■ N-A-X High-Tensile ■ Carbon Structural Steel	



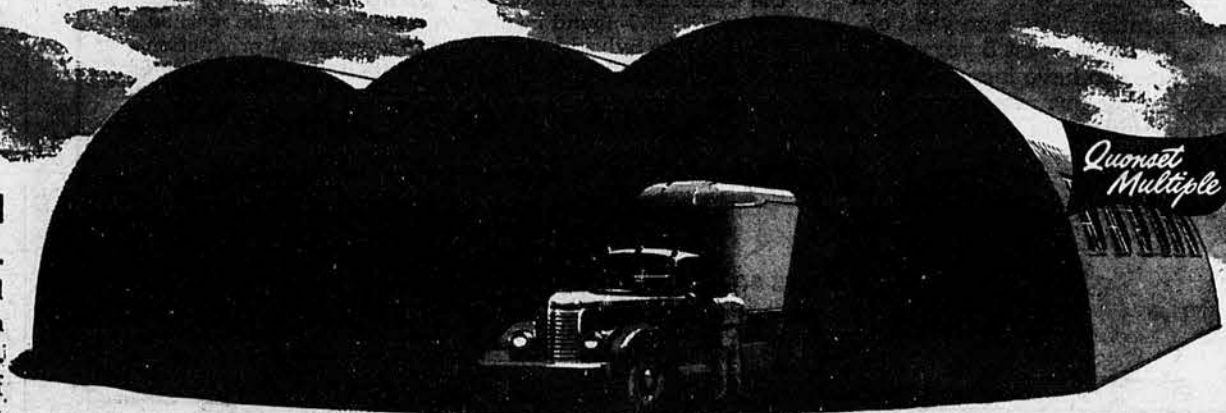
Quonset 40

N-A-X ALLOY STEEL FOR INCREASED CORROSION-RESISTANCE

The arch-rib framework of these Quonsets now provides *double* protection against corrosion: 1) the coat of corrosion-resistant paint; 2) the corrosion-resistance of the alloying elements, which retard rusting even should the paint become scratched or chipped.

N-A-X ALLOY STEEL FOR GREATER STRENGTH

Increased resistance to impact qualifies these alloy steel buildings for uses which involve the hardest service. The Stran-Steel arch ribs of N-A-X High-Tensile resist denting, support heavier loads. Collateral materials nailed to the patented nailing groove are held more firmly, since nails are clinched in a grip of high-tensile low-alloy steel.



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THE MODERN FARMER

New Soybean is developed



The result of highly scientific work by the U.S.D.A. is the new Lincoln soybean. It has a yield approximately 3 bushels more per acre and an oil content of a half of one percent higher than other good varieties. The use of the Lincoln soybean in Illinois, Indiana, Ohio and Iowa, accounted for 105 million bushels of the total U. S. soybean crop of 196 million bushels.



New Claw-like grip for Tires

The amazing claw-like treads in Cities Service Acme Tires mean better traction, less slippage and quicker, safer stopping. And the unique design of the Acme throws off destructive tire heat at the point of greatest concentration . . . reducing danger of blowouts. Every cord in the Acme Tire is latex-dipped for added safety and protection. Guaranteed Acme Tires come in all sizes for cars and trucks. Ask your Cities Service Farm Representative. P. S.: Don't forget those two super-charged gasolines—Koolmotor and Cities Service Ethyl!

New Varieties help OATS

The many new varieties of oats account for their popularity. And not only are oats used for cereals—they are still favored as an excellent crop for use in Corn Belt rotation. The acre yield of oats during the last 5 years is estimated to have increased more than 10 percent as a result of widespread use of new varieties.

Sure Starting All Winter

battery plates from premature buckling and warping—and the special fibreglas insulates them against vibration. Order a reliable, fully guaranteed Cities Service Battery from your Cities Service Farm Representative, and get set for winter.

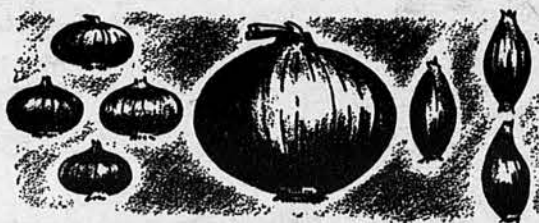
IN A SHORT SPAN of years the plant varieties representing the major part of crop production have been almost replaced by new ones of far greater usefulness. Farmers are continually looking for new strains that yield more, that have better quality and that are resistant to disease. Yearly, important research work are making farm operations far more profitable.

Cities Service, aware of the need for more productive farming methods, is constantly developing new and improved petroleum products to help farmers cut costs yet increase production.



How to clean Engines

Before winter-grade motor oils are put in your car and truck, better have the engines thoroughly cleaned—internally. Patented Cisco Solvent washes out the crankcase and all the tiny crevices and oil lines of the engine. It dissolves harmful sludge! Cisco Solvent thoroughly cleans the engine so fresh new motor oil can stay clean. See your Cities Service Farm Representative.



Hybrid Onion Increases Yield 20 to 50%

Department of Agriculture geneticists, looking for a new onion larger and more productive than present strains, discovered the method of breeding the first hybrid onion—the California Hybrid Red No. 1. This hybrid onion yields 460 to 750 100-pound bags of onions per acre. The method of breeding the hybrid is adaptable to commercial production of the seed and is expected to facilitate a general increase of 20 to 50 percent in the onion yield. Similar research is active on such crops as tomatoes, cucumbers, squashes, melons, barley and grain sorghum.

To Study the College

A new Kansas Agricultural Council on Research and Education has been formed in Kansas, according to Fred Heine, Lucas, president of the council. Purpose of the group is to keep itself thoroughly informed on developments and problems at Kansas State College, and to interpret these developments to agricultural groups and individuals.

The new council, a private organization, is composed of 3 members from each of 5 agricultural organizations. Charles R. Topping, Lawrence, president of the Crop Improvement Association, is vice-president of the council. T. Hobart McVay, Nickerson, president of the Inter-Breed Dairy Cattle Council, is secretary-treasurer.

Other charter members include Herb Barr, Leoti, and Wayne Rogler, Matfield Green, representing the Kansas Livestock Association; E. W. Runft, Belleville; W. L. Drake, Humboldt, and A. D. Mall, Clay Center, representing the Kansas Poultry Industry Council; Walter C. Pierce, Hutchinson, and B. H. Hewett, Coldwater, representing the Kansas Crop Improvement Association; George W. Kincaid, Topeka; Emmett Blood, Wichita, and H. L. Drake, Bethel, representing the State Horticultural Society; Curt Heidebrecht, Inman, and Ray Smith, Hutchinson, representing the Kansas Inter-Breed Dairy Cattle Council.

Sorghum Seed Short

Warning that there probably will be a sorghum-seed shortage next year, L. E. Willoughby, Kansas State College extension agronomist, is urging farmers to hand-select seed for use next spring. "A dozen gunny sacks of heads will seed about 100 acres," he says.

In a day, says Mr. Willoughby, a farmer can pick out seed worth \$100 next spring. Heads in the soft-dough stage or harder will make good seed, if properly handled, he points out.

Hens Are Important

Poultry accounted for 16 per cent of the 1946 gross income on 23 farms in an Eastern Kansas farm-management association, according to M. A. Seaton, Kansas State College extension poultryman.

These 23 farms had average gross incomes of \$15,514, of which \$2,527 was from poultry. This indicates, says Mr. Seaton, that poultry remains a definite source of income on many Kansas farms. Poultry income can be increased considerably, however, by better management and marketing practices, he adds.

Put Sheep to Work

Use of sheep to salvage feed in still standing cornfields is suggested by C. G. Elling, Kansas State College extension animal husbandman.

Sheep will glean good feed off the ground as well as lower leaves on standing stalks without damage to the unharvested crop, says Mr. Elling. They also will increase fertility of the fields. Cultivated fields in which sheep are grazed must be fenced sheep tight, however, the specialist says.

Senator Capper on Radio

Every Sunday afternoon at 4:45 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

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Cities Service

PROGRESS
THROUGH
SERVICE



It's an . . .

"IDEA FACTORY"

By Dick Mann

IF YOU were asked to describe the Phillips county farm of William Ehm you would have to say it is an "idea factory." No other words can describe it. The mechanical genius of this young farmer can be seen everywhere on the farm. If he wants a specialized machine he designs and builds one. If his old equipment has some fault he redesigns it. Whether it is a problem in feeding time and convenience or how to enjoy a cheap vacation trip, Mr. Ehm comes up with an answer.

But, suppose you come with us while we take a tour of the Ehm farm to see what this young fellow is doing.

Since a most modern farm shop is the center of activities on the farm, let's visit that first. Constructed of aluminum, the shop is fully equipped to do almost anything needed. The Ehm farm is not yet on a high line but Mr. Ehm has 2 electric systems. One is a large unit with power supplied by a motor in the outside cave, and the other is a 12-volt windpower outfit.

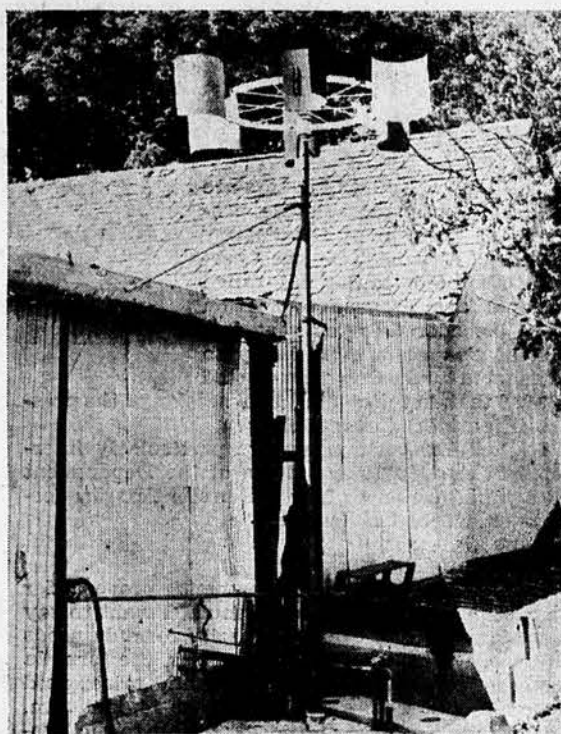
The machine shop has double doors on the south so machinery can be brought inside. Modernistic windows on the south and east corners provide plenty of light for the workbench without glare as a metal visor over the windows cuts out the direct rays. Lack of lighting is a common fault found in many farm shops.

There is a 4- or 5-foot space between the west wall of the shop and the laying house and both are

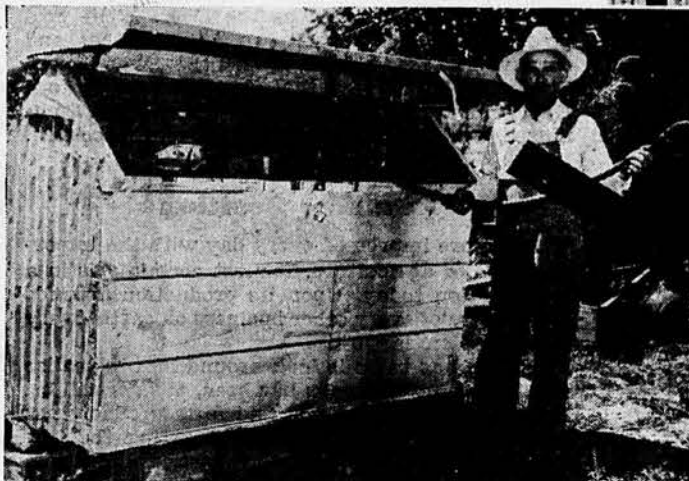
equipped with concrete floors. The reason we mention this is that one of Mr. Ehm's ideas is connected with the proximity of the 2 buildings. A pit was dug between the buildings and hot-air pipes underlaid beneath the 2 floors. A fuel-oil burner was installed in the pit.

Now, during cold

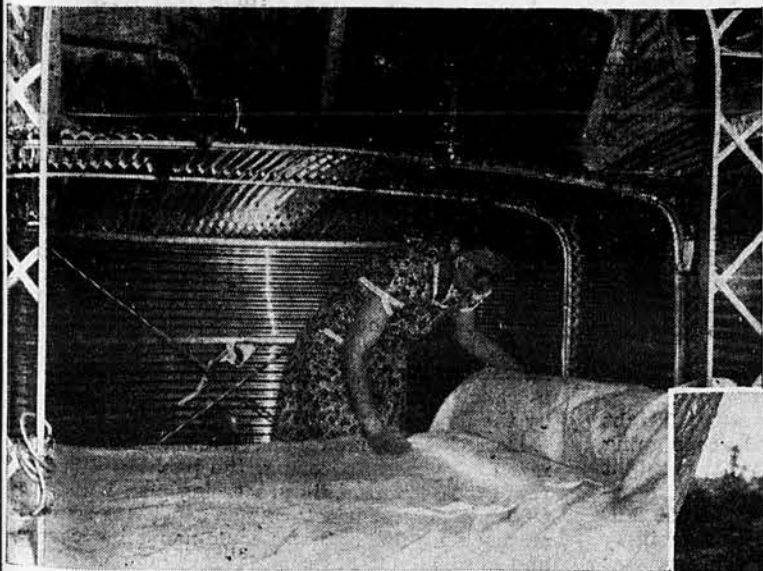
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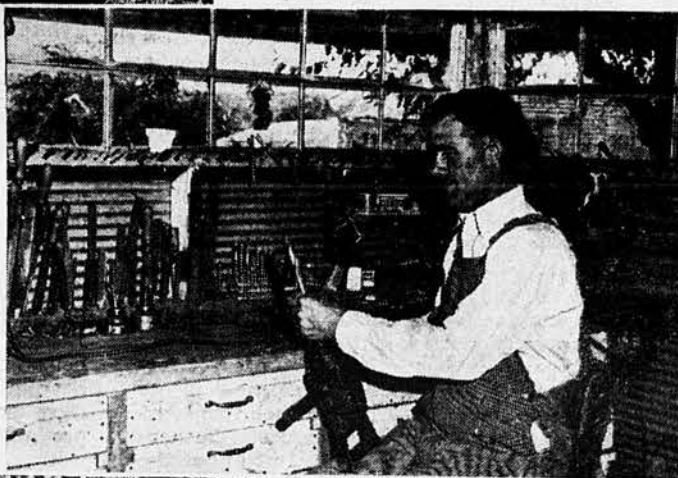
Above: A wind-driven agitator, shown here, keeps the cistern water supply from getting stale, says Mr. Ehm.



At Left: Tractor fuel on the Ehm farm is kept in a ventilated shed and tractors are filled by means of an electric pump.



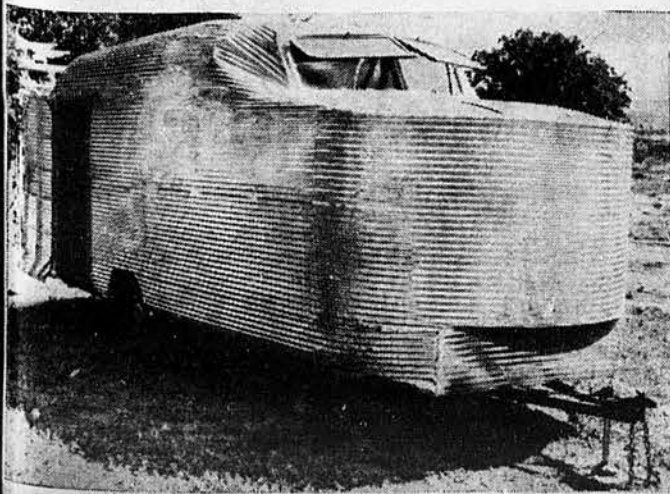
Above: Mrs. Ehm is seen here making up the bed in the trailer house. The trailer is equipped with all modern conveniences and is ventilated by a unique system designed by Mr. Ehm.



Above: Mr. Ehm works in a light and airy work shop he designed and built of aluminum. Note windows over work bench, a point often overlooked in building farm shops.

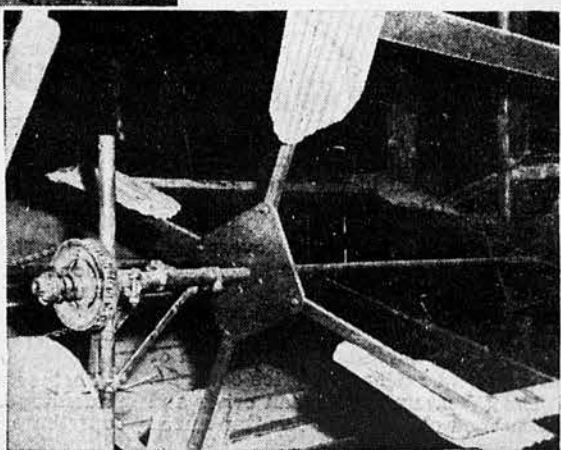


Below: Aluminum paddles on the combine reel at the corners prevent tall grain stalks from becoming snarled.



Above: This alfalfa windrower was made by Mr. Ehm from scrap metal strips. It windrows alfalfa in a 2-foot strip at the center and offers several advantages in putting up the hay crop.

At Left: Mr. and Mrs. William Ehm, Phillips county, take vacation trips in this aluminum trailer house designed and built by Mr. Ehm. They also sleep in the trailer on the farm during hot summer nights.



Farm Matters

AS I SEE THEM

I BELIEVE Kansas farmers are deeply interested in the proposed revision of the "parity formula." A revision is almost certain to be made in the long-range national farm program legislation to be considered in the next session of Congress; more likely to be enacted by the Congress elected in 1948 than in the coming 1948 session of the present (Eightieth) Congress.

I know Kansas farmers are particularly interested in the recommendations of the Department of Agriculture as to how the present parity formula should be "modernized."

Before discussing the Department's proposal for "modernizing" the present formula, I want to say there is no question that the parity formula needs revision. On most basic commodities, the formula today is based on prices received and prices paid by farmers in the 5-year period, 1909-14, inclusive. That formula today is decidedly unfair to the livestock industry (particularly beef cattle), to the dairy industry, and to wool growers; also, I am inclined to think to poultry producers. At present it is not a determining price factor. It might be when surpluses develop.

For example, under the existing formula and present costs of production, the \$12.80 a hundred for beef cattle manifestly is too low. So is the 27-cents-a-pound parity price for chickens; and the \$13.90 a hundredweight for lambs. Also the \$3.79 a hundredweight for milk, wholesale.

Now the formula proposed last week by the Department, thru Carl C. Farrington, chairman of the Price Policy and Production Committee of the Department, would remedy this injustice by raising the parity price on beef cattle from \$12.80 to \$16; on lambs from \$13.90 to \$17.60; on chickens from 27 cents to 31½ cents; on milk from \$3.79 to \$4.22 a hundred pounds, and on wool from 43.4 cents a pound to 56 cents.

With that part of the proposal I have no quarrel, over the long pull. You understand, that under the parity principle, if things the farmer buys go up in price, then the parity price which he should receive for the commodities he sells would go up accordingly.

But when it comes to grains—wheat and corn particularly—the "modernized formula" proposes to make up for the attempt to give equity to beef, dairy products, lamb and chickens by making the wheat and corn growers foot the bill.

Take the case of wheat. Under the present formula the parity price for wheat (all these prices are at the farm level) is \$2.10 a bushel. Considering the present prices and wage costs farmers have to pay, that is not too high. But under the Department's proposed "modernized formula" the parity price of wheat would be \$1.79 a bushel at the farm if wage costs were considered, and only \$1.70 if wages were not included. I say that is not enough, with the cheapened dollar we have and will continue to have for some time to come.

Now suppose we look at corn. Under the present formula the parity price for corn, at the farm, is \$1.52 a bushel. Under the Department's proposed "modernized formula" parity price for corn would be reduced to \$1.42 a bushel if wages were included in the new formula; only \$1.34 a bushel if wages were not included.

I say that kind of a parity formula is manifestly unfair to the wheat growers and corn producers of Kansas, and of the entire wheat and corn belts. Incidentally, the Department's proposed "modern-

ized formula" also would drop parity on cotton as of now from 29½ cents a pound to 26¼ cents. Kansas is not a cotton-producing state, but I can well imagine that the cotton states will feel the same way about any such change as I feel about wheat and corn.

Now, I am in favor of revising the parity formula, and correcting the inequities that I know exist. These inequities should and must be corrected in the legislation to be written establishing a long-range national farm policy.

But while I am chairman of the Senate Agriculture Committee I promise you that no such changes in the formula as the Department proposes, reducing the parity prices on wheat and corn, will be agreed to in the Senate of the United States. And I am sure that Congressman Clifford Hope, of Garden City, chairman of the House Committee, will go along with me on that proposition.

In a Key Position

I AM more impressed every day with the importance of agriculture. It most certainly is in a key position today. Upon its production depends the welfare of every other business on earth, every individual on earth.

All one has to do is look around him to realize this is true now, always has been, always will be. Everywhere you turn you find farm products not only feeding people, but also providing the raw materials that keep countless industries operating, thus making jobs so millions of people can earn a living. This holds true in virtually any field you might name.

I ride the trains frequently and see plenty of evidence that railroads depend on farmers. It is true that agriculture couldn't have been developed and maintained as it is in America today without the efficient help of the railroads. But the 226,300 miles of railway lines in the U. S. would miss hauling grain and livestock to market. In Railroad Facts, I find that 2,497,336 cars of the class 1 railroads were loaded with grain and grain products last year, while 924,016 were loaded with livestock. So that means farm production helped keep the 1,358,838 rail employees on the job last year, helped them earn a living. Of course, we don't forget that all of those employees and their families were eating food and making a market for farm production.

I don't have the figures on how many freight cars were loaded with manufactured goods going back to farmers. But here is one item that might give some idea. According to the Bureau of Agricultural Economics, farmers spent about 800 million dollars last year for new farm machinery other than tractors. Much of this machinery was hauled by rail. The only reason they didn't buy more was because it wasn't available.

It is important to note in the report that farmers now have enough equipment to do about twice as much work by machine as they could before the war. They also have nearly twice as many tractors. This shows the great increase in use of labor-saving machines such as combines, pickup balers and milking machines.

Here is another interesting point. BAE, after considering all price angles, states that farmers

have invested their money well by buying new machinery when they could get it and use it profitably; as a result, there is marked advantage in use of laborsaving machinery. Needless to say, without farm production there would be no farm machinery output. The raw products of agriculture re-

quire these machines. And making these machines provides a great many jobs that keep men at work earning a living.

Livestock fed on farms is the foundation of our great packing industry. And it is big business. For example, meat production under Federal inspection for a recent week totaled 285 million pounds. After the livestock is hauled to market by trains and trucks, the job is only started. Hundreds upon hundreds of trained men and women process that meat into the various cuts, pack it and get it ready for thousands of retailers who sell it to the consumers. So we have thousands of packing company employees owing their jobs to farm products. We have thousands of retail meat establishments owing their existence to farm products. You have heard many times about the many by-products of the packing industry. All of which depend on the men who feed livestock out on their farms.

Milk is one of the raw farm products that puts people to work in towns and cities. Milk bottling plants, ice cream factories, cheese-making plants in cities are big institutions using equipment that represents huge investments, and employing scores of men and women. They couldn't exist without the folks back on the farm who milk the cows. I know that skim milk and whey go from some of these plants to others for processing into many different products. I understand considerable research will be undertaken in an effort to make more efficient use of the 40 billion pounds of skim milk and 10 billion pounds of whey that are produced in this country every year. I am sure new uses will be found, so milk will be putting additional thousands to work.

I recently had my attention called to the development of a specialized industry which depends on agriculture. Nearly 20 years ago this business started in a very small way making just a few cases of baby foods. Last year this company manufactured 34 different items, 18 of them in strained foods. These were packed in small containers, enough to encircle the earth at the equator. Raw farm products used included apples, peaches, pears, carrots, peas, green beans, potatoes, spinach, squash, beets and celery, and more than 13 million pounds of milk. Of course, this can be turned around the other way to show how a growing industry provides a market for farm products. Because of every \$4 of income farmers of the counties near that plant received last year, \$1 was paid by the food plant.

Here I have mentioned transportation, farm machinery manufacturing, the packing industry, retail food selling, milk processing plants and specialized food manufacturing as depending on agriculture for a foundation. I could name many more, and so could you. Farming is tremendously important. I hope many of our young farm folks will see the bigness of their business and stay on the farm. We need our best people out on the land.

Arthur Capper

Topeka, Kan.

Rationing, Price Controls on Way Back?

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

THE Washington Planners, after a brief sojourn in the Slough of Despond (See Bunyan's Pilgrim's Progress) caused by the Eightieth Congress' attempts to cut Government expenditures and end Government controls, are now experiencing a gloomy joy in the prospects of a return of the days of huge Government expenditures at home and abroad, AND a return of Government ration and price controls.

The (Western) European crisis and threatened chaos, with resultant need

for the United States to pump more billions abroad, with (also) resultant scarcities and higher prices at home, are the cause of the said gloomy joy in the hearts of The Planners.

Their reasoning is simple, direct and understandable. If Uncle Sam is to contribute 8 billion dollars from the

Federal Treasury in the next fiscal year, the same to be expended in the United States for goods to be shipped abroad, 2 things are bound to happen:

(1) There will be 8 billion dollars worth of goods less in the domestic market; and

(2) There will be 8 billion dollars more to be spent in the domestic mar-

ket in exchange for the lesser supply of goods.

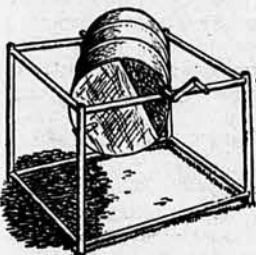
Under such a condition, there is bound to be a demand in excess of supply that will (1) result in higher prices and (2) result in those with more money getting more of the scarce goods than those with the lower incomes.

The obvious and easy "short-cut" answer to such a situation is for the Government to slap on rationing (to

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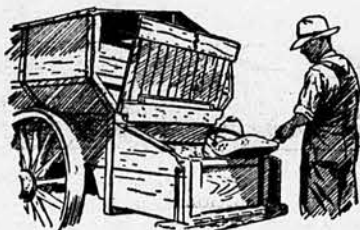
A yard full of turkey tricks

(as seen at farm of Howard R. Mercer, President of the Central Nebraska Turkey Association, near Gibbon, Nebraska)

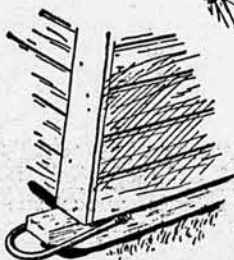


Turkey feed mixer: Old metal oil drum is hung in welded pipe frame by means of rod run at angle through drum. Drum is turned by crank fastened to end of rod, mixing contents thoroughly. Hinged lid is welded to top of drum.

Feed wagon with gravity- filled compartment at rear permits farmer to scoop out feed mixture with shovel or bucket wherever turkeys are feeding.

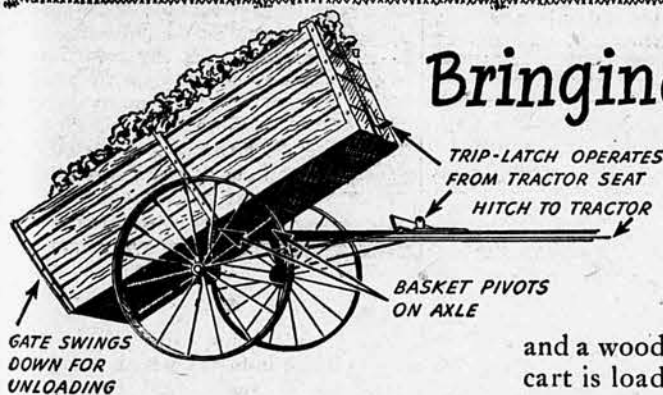
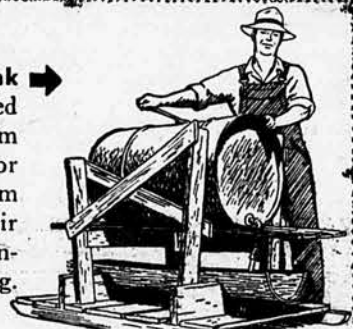


Brooder houses are built on sled base, with attachment where tractor can hook on and pull them out to open pasture when young turkeys are proper age for more sun, air and exercise.



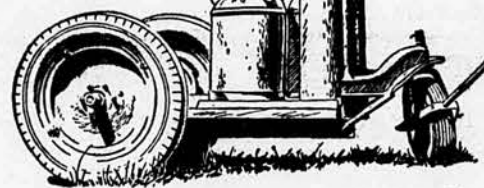
Hook on sled base

Portable water tank consists of wooden sled frame; watering trough (at bottom) made from half of old water heater; and metal drum for water storage. Arrangement prevents turkeys from roosting above trough and contaminating their drinking water. Drum is filled from top, has handle welded on bung hole for easy turning of plug.



Bringing in the Broccoli

THIS tractor-pulled dump cart for field loading of broccoli was developed by Norman Andersen, manager of Holmes Farms at Tolleson, Arizona. The cart has large iron wheels and a wooden body, with body balanced on axle. After cart is loaded with broccoli in the field it is pulled by tractor to where packing crew is working. The cart is dumped by a trip latch operated from the tractor driver's seat. Gate at front of cart is swung down and the heads of broccoli are quickly "dumped."



Gocart for milk

R. Leppin, Jr., of Dundee, Oregon, moves his milk from barn to highway, for pickup by truck, by means of this sturdy cart. He built it himself at a cost of about \$25.

Packs 'em where they're picked



Peach grower S. C. Bingham, of Patterson, California, keeps packers working close to the pickers by means of this mechanical sorting and sizing table. It is hauled by tractor to the edge of the orchard. Idea reduces number of boxes and workers needed, also improves quality of pack that is sent to canning and drying plants.



This simple guard, bolted to side of radiator, protects air cleaner on Bingham's tractor from damage by low tree limbs in orchard.

How Safeway's buying plan reduces farmer's gamble

ALARGE PERCENTAGE of all Safeway customers are *regular* customers. They shop at their Safeway store day-in and day-out. And to supply this daily demand at the stores Safeway *buys* regularly. Take produce for example. Safeway neither speculates in farm produce nor stays "off the market" in an attempt to get better prices. Buying regularly—and almost always in substantial amounts—Safeway helps keep the farmer's selling gamble at a minimum. Because it makes for steadier prices Safeway's regular buying of farm products increases the farmer's opportunity to get a satisfactory return on every food crop he grows.



- Safeway buys direct, sells direct, to cut "in-between" costs
- Safeway buys regularly, offering producers a steady market; when purchasing from farmers Safeway accepts no brokerage, directly or indirectly
- Safeway pays going prices or better, never offers a price lower than producer quotes
- Safeway is ready to help move surpluses
- Safeway sells at lower prices, made possible by direct, less costly distribution... so consumers can afford to increase their consumption

SAFEWAY—the neighborhood grocery stores



If you farm for profit, you'll want to know about this Worthington Vertical Turbine Pump, for it gives you dependable "rain insurance." The flick of a switch guarantees your crops water when they *must* have it . . . protects your whole farming investment against disastrous drought.

BETTER CROPS... BETTER PROFITS

In addition to a greater yield, you get *better quality* crops . . . by furnishing the correct amount of water at each stage of plant growth. And at today's high food prices, the Worthington Vertical Turbine Pump's high pumping efficiency and low maintenance costs give you a profit margin that soon pays for the installation . . . and puts you dollars ahead for the future.

LET'S TALK IT OVER...

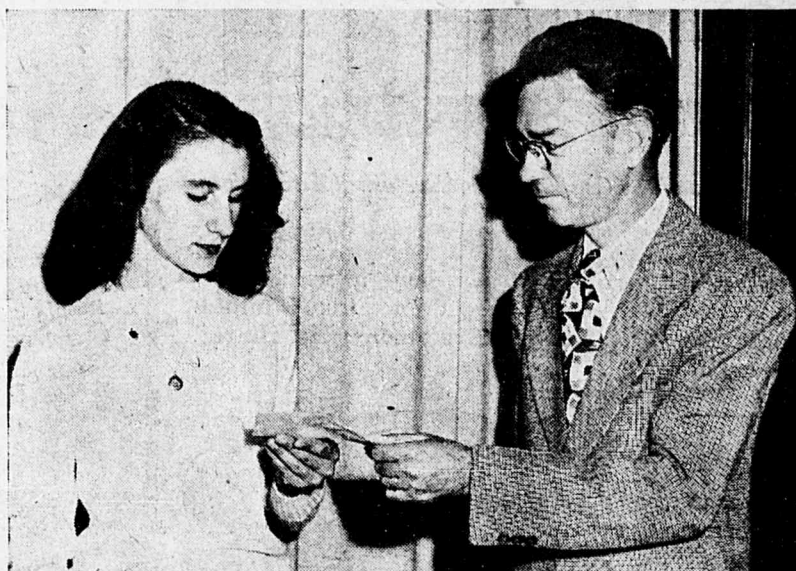
Your local Worthington Dealer represents an organization with more pumping experience than anyone else . . . he'll gladly help you with your irrigation problem . . . and prove *there's more worth in Worthington*. Complete manufacturing, servicing and testing facilities at Denver assure you of prompt service.

Worthington Pump and Machinery Corporation, Harrison, N. J.;
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WORTHINGTON
WORLD'S LARGEST
MANUFACTURER
OF PUMPS

The Cover Picture



As champion breadmaker in the Kansas Wheat Festival contest at the Kansas State Fair, Vivian Warnken, of Reno county, gets a free trip to the International Grain and Hay Show, at Chicago, this winter. Presenting the award from Kansas Farmer magazine is Dick Mann, associate editor.

I COULDN'T believe it." That was the reaction of 14-year-old Vivian Warnken, of Reno county, when notified she had been judged the champion breadmaker of Kansas. She won that title in a special Kansas Wheat Festival competition held in connection with the Kansas State Fair.

As champion breadmaker Vivian will receive a trip to the International Grain and Hay Show, at Chicago. The award is being given by Senator Arthur Capper thru Kansas Farmer.

A daughter of Mr. and Mrs. F. H. Warnken, Vivian is a member of the Partridge Upstreamers 4-H Club. This is her fourth year of 4-H competition.

"Even before Vivian was old enough to compete at the State Fair she was winning blue ribbons in clothing and food at the county fair," states Miss Helen Blythe, Reno county home demonstration agent. "She is a real little homemaker," Miss Blythe adds.

Altho Vivian excels in cooking and

sewing her interests are unusually varied for a girl of her age. This year she carried 4-H projects in food, clothing, dairy and beef. As a side line she raises rabbits, which she kills and dresses for local trade.

In addition to such activities she is an accomplished pianist and a good singer, according to her friends. "She likes to help me with the field work when she is needed," adds her father.

Mrs. Warnken finds it difficult to realize her daughter is the champion breadmaker of Kansas. "I knew she was good but I had no idea she was that good," Mrs. Warnken says.

Like her daughter, Mrs. Warnken also is interested in 4-H Club work, serving as a leader in girls' work this past year. Vivian is the oldest of 4 children and shares much of the home responsibility with her mother.

Time to Fertilize

If you plan to fertilize your brome grass the time to do it is from now until early next spring, states K. L. Anderson, Kansas State College agronomist.

For seed production it should be applied by the middle of March because later applications will tend to stimulate vegetative growth only.

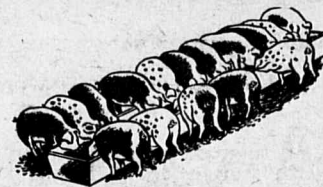
The amount of nitrogen fertilizer required to help "sod-bound" brome is large, says Mr. Anderson. Best results usually are obtained from use of about 250 pounds of ammonium nitrate an acre, or any other fertilizer that will supply an equivalent amount of nitrogen. Less sod-bound fields may be stimulated enough by as little as 200 pounds an acre, while severely-depleted fields may require up to 300 pounds.

Two Party Leaflets

Our leaflet, "You Can Make It Parties," offers suggestions for a "Cap and Apron" party, "The Arty Party," "A Dramatic Party," and others. For a cradle shower, our leaflet, "A Surprise Shower for the Prospective Mother," suggests games and entertainment, centerpiece for the luncheon table and decorations. Please address Entertainment Editor, Kansas Farmer, Topeka, for copies of these leaflets. Price 3c each.



Festival judges are not the only ones who appreciate Vivian's bread-baking ability. Here, she slices a loaf of her famous bread while her sister, Susan, and brother, Philip, impatiently wait for the treat.



Plan
more pigs
per litter



with this
two-section
hog house



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This two-section hog house, one of the many hog houses of the Weyerhaeuser 4-Square Farm Building Service, is just one example of how buildings increase production. Good buildings and equipment can also increase egg income and milk production, protect the value of crops and prolong the life of farm machinery.

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Will Start Angus Herd

BECAUSE they believe it will cut down on labor, Lewis E. Whitney and Sons, of Norton county, are dropping their dairy herd and will go into a registered herd of Angus. They plan to build a herd of 40 to 50 cows. "We don't want to drop livestock," says Mr. Whitney, "because we believe cattle are necessary on the farm to maintain soil fertility and to balance crops during poor years."

Mr. Whitney and his sons will continue to make crop farming their major project as they are operating 1,000 acres. Wheat and corn will be the big crops. All cropland will be fallowed every third year.

One hundred and fifty acres have been terraced this year and another 150 acres will be terraced next year. As soon as the farm soil-conservation program is completed, all farming will be done on the contour.

Terracing is being done by Royce Whitney as a 4-H Club project. He is using a whirlwind terracer and has had no trouble in doing the work.

Watch Out for Blight

"Victoria blight took a 5 to 30 per cent toll of the Kansas oats crop this year," states C. L. King, Kansas State College extension plant pathologist.

"This disease caused an average loss of 30 per cent to susceptible varieties in Northeastern Kansas, 20 per cent in Southeastern Kansas, and 5 per cent in Central Kansas," Mr. King says. "This compares with only 1 per cent loss in 1946, so watch out for 1948."

Control recommendations include planting of certified Clinton seed oats, which has rust, smut and Victoria blight resistance. This variety can be planted from the west edge of the Flint Hills area to the Missouri line, Mr. King explains.

Altho 6 days later in maturity, Clinton will be a better risk than Osage, Neosho or Boone. Mr. King urges farmers to order certified Clinton seed immediately because of the big demand.

Because Victoria blight disease builds up in the soil, no susceptible variety should be seeded where the blight has appeared, says Mr. King. Fulton and Kanota, susceptible to rust but resistant to Victoria blight, might be planted if treated for smut at least 2 days before planting. Cost of treating is small yet brings increased yields of from 2 to 10 bushels an acre, Mr. King explains.

Save Soft Corn

Suggestions for utilizing, handling and storing soft corn are offered by John M. Ferguson, Kansas State College extension engineer.

Some of these are as follows: Ensiling both fodder and shelled corn; sorting and early feeding of soft corn to hogs or other livestock; delayed harvesting to allow maximum drying of early corn in the field; clean husking to eliminate trash that reduces ventilation in the crib; use of screen on the elevator to screen out shelled corn, silks, or other trash; good distribution in the crib to avoid pockets of shelled corn and debris; storage of corn of highest moisture content in the narrowest cribs to aid ventilation; use of adequate ventilators in cribs; use of forced air ventilation for drying corn, either with or without added heat.

Keeps Arm Dry

When washing windows, woodwork or walls where it is necessary to reach up, tie an old towel or cloth around your wrist to avoid water running down your arm.—Florence A. Neely.

For Autumn Parties

A variety of suggestions for entertainment at parties this season of the year are given in our 2 leaflets, "A Harvest Party" and "A Pioneer Party." How to word the invitations, how to decorate, what to have for refreshments, and several forms of entertainment are suggested. Each leaflet, 3c. or the 2 leaflets, 5c. Please address your order to Entertainment Editor, Kansas Farmer, Topeka, Kan., and it will be given prompt attention.

FARMER JURY DECIDES IN FAVOR OF DEKALB



Not a jury of 12 men
—but a total of approximately ½ MILLION farmers
have tried DeKalb Hybrids and
use them year after year. This speaks
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And there's DeKalb's 64 PROVED varieties from which to
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DeKalb's dealer service is also important. Dealers are trained
to know corn, and to help solve your corn growing problems.

Add to all this, the fact that 19,859 contestants in the DeKalb
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96.58 bushels per acre on their selected 5-acre contest plots, and
you have just a few of the many reasons why More Farmers Plant
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STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1932, AND JULY 2, 1946.

Of Kansas Farmer, published semi-monthly at Topeka, Kansas, for October 1, 1947.

State of Kansas, County of Shawnee, ss:

Before me, a Notary Public in and for the state and county aforesaid, personally appeared H. S. Blake, who, having been duly sworn according to law and depose and say that he is the General Manager of the Kansas Farmer and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Act of March 3, 1932, and July 2, 1946, (section 537, Postal Laws and Regulations) to-wit:

1. That the names and addresses of the publisher, editor, managing editor and business manager are:
Publisher.....Arthur Capper, Topeka, Kansas
Editor-in-chief.....Raymond Gilkeson, Topeka, Kansas
General Manager.....H. S. Blake, Topeka, Kansas
2. That the owner is Capper Publications, Inc., Topeka, Kansas; Arthur Capper, President and Publisher.
3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

H. S. BLAKE, General Manager.

Sworn to and subscribed before me this 1st day of October, 1947. GERALD METSKER, Notary Public. (SEAL) (My commission expires August 20, 1950.)

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Sidney Carnel

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VENTILATE HAY AND GRAIN
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From our big blueprint.
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THE KoolHay

Promote Kansas Industry

Display State-Made Products at Wichita Show

By BLISS ISELY



About the slickest 4-passenger plane in the country is the Beech Bonanza, made in Wichita and to be shown at the Kansas Manufacturers' exposition. This model as shown was the center of attraction last year when the show included only those products made in Wichita.

KANSAS is getting ready to do something it has never done before. It will stage the Kansas Manufacturers' Show in the Forum at Wichita, October 22 to 26, when it will display nothing but products made by Kansas people in Kansas factories. Governor Frank Carlson has by proclamation set the dates. He has named the week the show is to be held as Kansas industry week, when attention will be called to the fact that manufacturing is on the march in Kansas. That the time has come for Kansas people to make more of the things they use and convert more of their own raw materials into finished products for the world to buy.

According to all reports the Kansas Manufacturers' Show will be worth going to see. For one thing it will give a thrill of pride to Kansas people as they inspect the wide variety of products for the home, the farm, the office, the store and the factory, all made by Kansas people. Visitors will see many nationally-advertised products made in Kansas. There will be products from the big cities of the state and from the small towns. There will be huge exhibits and some of tiny products.

Admission will be free to everything. No side shows or carnival attractions are added, except a few circus and stage acts which will be open to the public without admission charge. In a way the show will be a report to the Kansas people on what the manufacturers are trying to do to build industry in Kansas, to provide more employment and to bring Kansas economy into better balance.

Among the huge exhibits will be airplanes, for Kansas is famous for its planes. There will be displays of oil-field equipment. In the agricultural field there will be the biggest plow in the world, for Kansas makes the biggest plow and uses it, too.

At the other extreme there will be tiny exhibits. Among the displays will

be shown what is claimed to be the lightest and most delicate dry fly ever cast by a fisherman. An expert from the factory will be on the show floor tying the flies before the public. Another small item will be screws and very small parts, all made in Kansas and sold in lots of 100,000 or more to all parts of the United States. A screw machine will be on the floor, making the tiny parts.

Many of the articles to be displayed are so well known nationally that visitors will be surprised to learn they are made in Kansas. For instance, in a small Kansas town is manufactured a gypsum-board machine. This particular machine has no competition anywhere, for if a factory somewhere wishes to go into the production of gypsum boards, he must send to this small town of less than 700 population to get the machine.

A Kansas manufacturer has one of the great chemical factories of the nation and sells its product over the nation. In Kansas is located the greatest oil-field equipment factory in the world. Here is the greatest producer in the world of gasoline-burning lamps, lanterns, and stoves for the kitchen, trailer, tourist camp or outdoor camp. In Kansas is made a new type of electric fan that has attracted national attention and is being bought in every state of the union.

If a Kansas church needs furniture, it can buy it in Kansas and the factory that makes it will have displays on the show floor.

Kansas is just now commencing to enter the power-farm equipment field. For years Kansas farmers have been buying their farm equipment from eastern factories. This is a strange fact, for Kansas has been the proving ground of more new farm machines than any other state. Here on the wide plains and on level fields farmers have tried out one kind of machine after another. Many improvements in farm



Displays at the Kansas Manufacturers' show in Wichita will completely fill the Forum. In the picture (last year) the crowd is admiring several exhibits.

machinery have been made by Kansans.

There is a good reason why this is the first exclusive show devoted wholly to manufacturing and limited to Kansas. Before the war it was difficult for Kansas to hold such a show. Since the war Kansas has multiplied its manufacturing plants and for the first time there are enough manufacturers interested in staging an exclusive Kansas show.

Kansas people have been producing raw materials, sending them east to be processed and then paying the freight to bring them back. Roger Babson, the famous statistician and economist, has pointed out that Kansas, the greatest wheat state, sells wheat for better than \$2 a bushel in good years and part of that wheat goes to Buffalo, N. Y., to be made into a breakfast food that sells at the rate of \$103 a bushel. Kansas corn sells at around \$2 or more in the best years, but a firm in Gloucester, Mass., buys Kansas corn and makes a glue for the flaps of envelopes and sells it at the rate of \$50 a bushel. Kansas people sell crude oil at \$2.50 a barrel and a New York concern makes enough perfume from one barrel of crude oil to sell at \$500 a barrel, using in that perfume nothing but crude oil.

The Kansas Manufacturers' Show will prove that manufacturing can thrive in Kansas. It further is hoped that this show will induce Kansas people to make more things. This is of great importance to every farmer and every other Kansas resident.

Industry will balance Kansas economy because every factory employing as few as 5 people means that 5 more people will need to buy Kansas butter to spread on their bread and buy Kansas eggs to eat for breakfast. It means a better market for Kansas bacon, Kansas beef, Kansas turkeys and Kansas sugar.

Until the war the idea was current that Kansas did not have the know-how for factory work. Easterners looked upon Kansans as amateurs. Then when war drove the nation to ask Kansas to produce war materials, it was discovered that Kansas people, instead of being inferior workmen, were superior. Much of the credit for the superiority of Kansas workmen was given to the fact that so many came

from the farms. They set an example of willingness to work.

In the last seven months of 1944 the average number of absentees for all causes in one Kansas airplane factory was but 2.9 per cent against a national average of 6.5 per cent, according to a study of figures made by the army's air technical service command.

The air technical service command further made a study in 4 of the nation's large airplane factories where identical work was being done on the same kind of airplane. In the Kansas factory it took 38 man-minutes to make a pound of that airplane. In 3 factories outside of Kansas it took 71 man-minutes, 74 man-minutes and 88 man-minutes respectively.

The Wall Street Journal, after hearing reports from Kansas factories during the war, declared that "4 years of war production have shown that help recruited from farms and villages is superior to the national average."

The Journal asserted that Kansas people are blessed by inheritance and geography to make better factory workers than those of the east. First, they are the sons and daughters of rugged pioneers. Second, the soil of Kansas is richer in calcium, phosphorus, magnesium and other minerals than in the areas of the east so that the food of the Kansas people is richer in essential minerals. "This improves physique and makes for emotional stability, which incidentally is one of the factors in reducing strikes," a Journal writer said.

The Kansas Manufacturers' Show grew out of a Wichita Manufacturers' Show held last year when the products of Wichita's factories were on display. It was estimated that 100,000 people came to see the show from Wichita and the surrounding territory.

It was so successful that it was decided to have a state-wide show this year. All reports indicate that it will be the largest industrial show of the year in the Midwest. The Show is sponsored by Associated Industries of Kansas, Kansas Business, Kansas Industrial Development Commission, Kansas Press Association, Kansas State Chamber of Commerce, Western Kansas Development Association, Wichita Manufacturers' Club and Wichita Chamber of Commerce.

Gets Early Start Toward Saving Soil

ALTHO he still is a young man Earl Reinhardt, of Neosho county, is an old-timer when it comes to soil conservation. He built his first terraces 16 years ago and has had the entire farm terraced now for 14 years. "Only 2 other farmers in the county had terraced when I began my program," he recalls.

It took a little time, however, for Mr. Reinhardt to accept the fact that benefits from his terraces could not be realized fully without contour farming. "I just couldn't see contouring, at first," says Mr. Reinhardt, "and farmed up and down hill, right over the terraces, for the first 2 or 3 years. When I didn't get the results I had hoped for, I finally went to contouring. My farm started to show improvement right away."

All of the farm has been limed at the rate of 3 tons an acre and Mr. Reinhardt is particularly strong on legumes. When the Triple A program got under way with its request for 25 per cent of cropland in legumes, Mr. Reinhardt was caught with 50 per cent in legumes, mostly sweet clover and alfalfa.

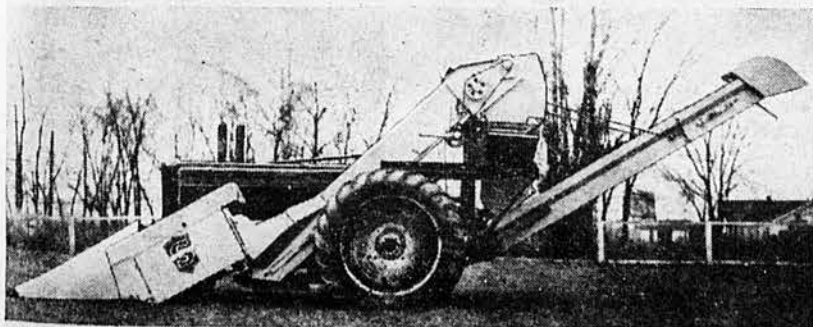
Since 1939 Mr. Reinhardt has been using 50 pounds of 60 to 65 per cent superphosphate an acre with clover and alfalfa at seeding time, then following over a 2-year period with top dressings that total an additional 100 pounds an acre. His alfalfa this year made 4 tons of hay an acre.

Flax and sweet clover were sown together last year with 100 pounds of 20 per cent phosphate applied at seeding time. The flax made 20 bushels an acre. The land on which it was planted had been in sweet clover or alfalfa for most of the previous 10 years. Flax and sweet clover seed constitute the cash crops on the home farm. All grain otherwise is raised on rented ground.

"I probably could make more money right now by growing small grains," says Mr. Reinhardt, "but over a long period of time I believe livestock pays better and helps to maintain my soil fertility."

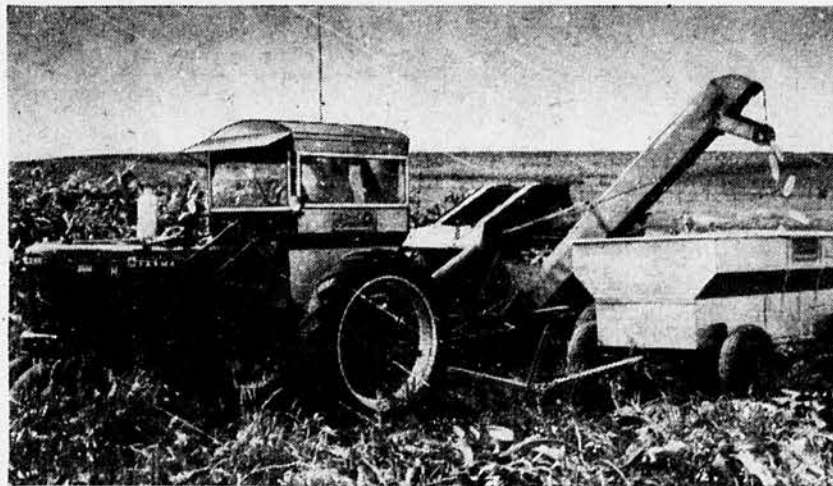
Mr. Reinhardt always has been a beef man, but right now he is beginning a switch to dairy which he believes will pay better on a grass farm.

New Kind of Husker



The new Sargent Corn Harvester, manufactured by the McGrath Manufacturing Co., of Omaha, operates on a new principle. It has cutting knives instead of snapping rolls. Its makers say it is more efficient, safe, and picks clean. It has a husking bed, stalk ejector and blower fan that removes foreign matter. By removing the husking bed, the picker can be used for sweet corn.

TractorKab WILL MAKE YOU MONEY



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Pull your corn picker night and day in all kinds of weather. Corn often husks better on those damp cold days that drive many workers from the field. Don't let an early snow catch you with \$2.00 corn still in the field. It's expensive bird feed! Get a TractorKab now.

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Feed your stock every day—at the right time, in the right way. Haul hay-grain-silage the modern, money-making way with a TractorKab.

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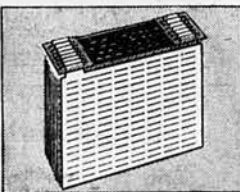
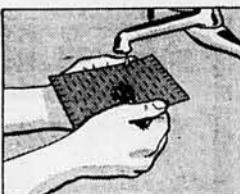
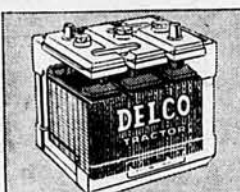
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Will you do as well? We don't know. But we do know that you mustn't expect eggs from hens that are weak, under-vitalized and lazy. When flocks are deficient in manganese, vitamins, and other essential elements which laying hens require, and which are 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., 934 Postal Station Bldg., Indianapolis, 4, Ind. Don Sung must show you a profit or your money will be refunded. Start giving Don Sung to your flock now.

Tired Kidneys Often Bring Sleepless Nights

Doctors say your kidneys contain 15 miles of tiny tubes or filters which help to purify the blood and keep you healthy. When they get tired and don't work right in the daytime, many people have to get up nights. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder. Don't neglect this condition and lose valuable, restful sleep.

When disorder of kidney function permits poisonous matter to remain in your blood, it may also cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, swelling, puffiness under the eyes, headaches and dizziness.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

Farm Bureau Meets in Topeka

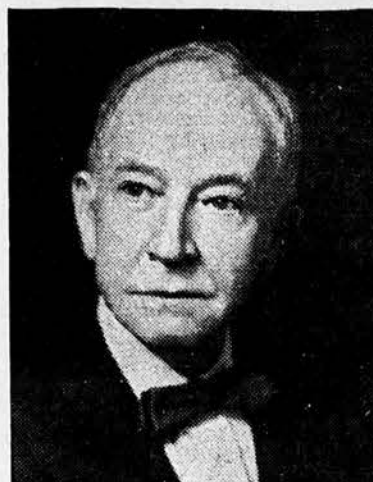
By CLARENCE RUPP

KANSAS farmers and farm women, 1,500 strong, will come to Topeka for 3 days on October 28, 29 and 30 for the 29th annual convention of the Kansas Farm Bureau.

They will be coming in to hear Congressman Clifford Hope, chairman of the House Agricultural Committee, give them the latest information on hearings which are now being held on a national farm program. This national farm program will be one of the major issues when Congress meets



Herman A. Praeger
President of the Kansas Farm Bureau



President Edward O'Neal
of the American Farm Bureau

again in January. Congressman Hope and his committee are now on a tour, holding hearings in key agricultural trade centers thruout the nation. His address will be a high light of the afternoon's program on October 29.

Featured with Congressman Hope on that afternoon's program will be Donald Kirkpatrick, of Chicago, general counsel of the American Farm Bureau Federation. Mr. Kirkpatrick is recognized as an outstanding authority on national soil-fertility problems. His testimony was a high light in the hearings held early last summer on a national soil-fertility bill which is sponsored by the American Farm Bureau. Senator Arthur Capper, of Kansas, is one of 10 senators sponsoring this legislation.

It also is expected that President Edward O'Neal, of the American Farm

der way with the annual address of President Herman Praeger, of Clafin, at 2 o'clock on the afternoon of October 29. Following his annual report, the 270 official voting delegates from 88 county Farm Bureaus will get busy drafting a program of work for the organization in 1949. Such issues as the national soil-fertility problem, a permanent national policy for agriculture, Kansas gasoline taxes, grade-A milk bills, school reorganization problems, oil-well pollution and insurance legislation are sure to be discussed.

Mrs. Charles W. Sewell, administrative director of the Associated Women



Donald Kirkpatrick
General Counsel of the American
Farm Bureau



Congressman Clifford R. Hope
Chairman of the House Agriculture
Committee

Bureau, will be at the Kansas convention and, if he comes, he will be featured in an address October 29.

General sessions of the convention will be held in Topeka's Municipal Auditorium. Convention headquarters will be at the Kansan Hotel, and many of the committee meetings and the district caucus luncheons will be held at the Kansan.

Preceding the official opening of the convention, a hundred or more agents of the Farm Bureau Mutual Insurance Company and their wives will arrive in Topeka the afternoon of October 27 for a banquet at the Hotel Jayhawk and a business session on Tuesday morning, October 28.

The convention proper will get un-



Mrs. Charles W. Sewell
Administrative Director of the Associated Women of the American Farm Bureau

of the American Farm Bureau Federation, will address the general session of the convention the evening of October 28. She has just returned from Amsterdam, where she attended a meeting of the Associated Country Women of the World.

An early start is scheduled on convention activities for Wednesday, October 29, the big day of the convention. The Home and Community women will meet for a breakfast at 7:30 o'clock to be followed by a full morning of reports of the past year's work and plan-

ning for 1948. District leaders will be holding informal discussions looking forward to the districts caucus luncheons at noon when new officers will be nominated for the coming year.

The annual banquet, at which 800 or more are expected, will be held in the Municipal Auditorium that night. Art Briese, of Hot Springs, Ark., nationally-known writer and humorist, will be the banquet speaker.

Convention activities will wind up Thursday morning, October 30, with the official business session.

Kansans Did Well at St. Joseph

By JAMES SENTER BRAZELTON

KANSAS 4-H Clubs were well represented at the 28th Annual Baby Beef and Pig Club Show in St. Joseph on September 23 and 24. First prize for a calf raised from a cow owned by the exhibitor went to Homer Patterson, of Everest. At the auction following the show this animal brought \$39 a 100 when he was sold to Charles Scalapino, also of Everest. More than \$400,000 was paid out to the boys and girls of this 4-state area for more than 2,000 animals that were sold at an auction requiring a full day of rapid bidding and buying.

Merlin Strahm, of Sabetha, won second place in the show with his Short-horn calf which sold at auction for \$35 a 100. Jo Ann Buttrick, of Huron, was a third-place winner with her light-weight Shorthorn calf. Warren Prawl, of Severance, also won third place with a heavyweight Shorthorn. In the Angus class third place was given to the calf owned by John Rainwater, of Bendena. In the 2 classes of Herefords 6th place went to Jim Holt, of Hoyt, and Byron Albers, of Bendena.

Ruth Lanter and Ray Lanter, of Everest, each placed 8th in their respective entries in the 2 classes of Angus. The Shorthorn calf entered by Shirley Folche, of Troy, stood in 9th place. Ninth prize also went to Gary Strahm, of Sabetha, and to Jerry Shannon, of Hiawatha, for Hereford calves they had entered in the 2 classes for that breed.

A Million Pounds of Beef

The grand champion calf, an Aberdeen-Angus steer weighing 1,050 pounds, shown by Kenneth Eitel, of Green Castle, Mo., brought its exhibitor \$1,560 when he was sold at the auction for \$150 a hundred to the Goetz Brewing Co., of St. Joseph. The reserve champion steer, owned by Byron Helzer, of Barnard, Mo., was purchased by Sherman Billingsly, Stork Club, New York City, for \$80 a 100 and brought about \$800. The 1,022 baby beeves that went thru the sale ring following the Interstate Show represented 1,019,710 pounds of good beef on the hoof, averaged 998 pounds each and \$32.62 a hundred in price, and brought the boy and girl owners \$332,660.47.

Grand champion of the pig show, exhibited by John Henry Ohrt, of Watson, Mo., was purchased by the Anchor Serum Co., for \$82 a hundred and brought about \$200. Reserve champion pig, weighing 245 pounds, shown by Mary McCauley, Faucett, Mo., brought about \$197 when he was purchased by the Seitz Packing Co., at \$73 a hundred.

More than 80 ton litters were weighed into the show. Grand champion in the ton-litter class went to 19-year-old Robert Norris, of Powersville, Mo., for his 14 Chester Whites that weighed a total of 3,370 pounds.



"I'm as anxious as you are, mister. Your wife's nurse is my date tonight!"

These pigs were farrowed March 25 by the same sow which, 2 years ago, produced the reserve ton litter. In this show the reserve ton litter was shown by 14-year-old Russell Wayne Rosenbloom, of Graham, Mo. These 13 pigs were also Chester Whites and tipped the sales at 2,864 pounds.

Under the competent guidance of C. E. Aubel, swine specialist at Kansas State College, Manhattan, the hog judging ran smoothly and was completed without a hitch. There were 1,247 hogs sold at the Interstate sale totaling 281,425 pounds and averaging 226 pounds. They averaged \$29.73 a hundredweight and brought a total of \$83,663.71.

In the fourth annual Home Economics Exhibit, held on the main floor of the Chamber of Commerce building the 4-H girls put on an outstanding show. It was better this year than ever, due to the fact that more attractive materials were available for the girls to use in making clothing and home furnishings. Some idea of the size of the show may be gained from the fact that there were 169 entries in the food preparation division, 148 entries in food preservation and 221 entries in the home furnishings.

Won First on Bread

Among the Kansas winners in the food preparations division was Jane Turner, of Monrovia, who won first prize on a loaf of white yeast bread. Beverly Scott, of Troy, won a blue ribbon on her entry of quick-leavening biscuits. Ann Folche, of Troy, carried off the prize for cupcakes with no icing. Leota Elliot, of Bendena, was in the money with her cake with fat, no icing. Sarah Carmode, of Lancaster, walked away with quite a few blue ribbons to her credit for entries in the home furnishings and home efficiency division. She won firsts on dressing table, stool for dressing table, coverlet and homemade rag rug.

The evening entertainment on the last day of the show was provided by the Agricultural Committee of the Junior Chamber of Commerce. On this occasion recognition and awards were given to the outstanding Interstate 4-H boy and girl. The boy receiving this honor was 20-year-old Dwight Mathes, of Pella, Iowa, who has been a member of Lake Prairie Township 4-H Club for 9 years. He has held every office in his club, has raised baby beef for more than 8 years and on 2 different occasions has owned more than 30 head of cattle. His total income from 4-H projects has netted him \$22,019.40, of which \$510 was prize money.

Dorothea McCue, a 17-year-old Savannah, Mo., girl was selected as the outstanding Interstate girl. She also has spent 9 years in club work, and during that time has completed 58 projects, including home beautification, canning, poultry, gardening, clothing, and leadership. Miss McCue has made more than 375 exhibits at local, county and Interstate shows. She has participated in 50 demonstrations before some 650 farm people. She has won 218 blue ribbons and the income from all of her 4-H projects has netted her nearly \$5,000.

Dwight and Dorothea were each presented with a \$100 U. S. Savings Bond by Ralph B. Owen, president of the St. Joseph Junior Chamber of Commerce. It is estimated that more than 5,000 persons attended this Interstate 4-H Club party in the Municipal Auditorium, and of this number 1,600 were boys and girls who had registered for the show.

An interesting feature of the evening's program was a style review in which 14 girls modeled clothing they had made. All the clothing was handmade and amazingly modish. Leota Elliot, of Bendena, was the only Kansas girl participating in this event.



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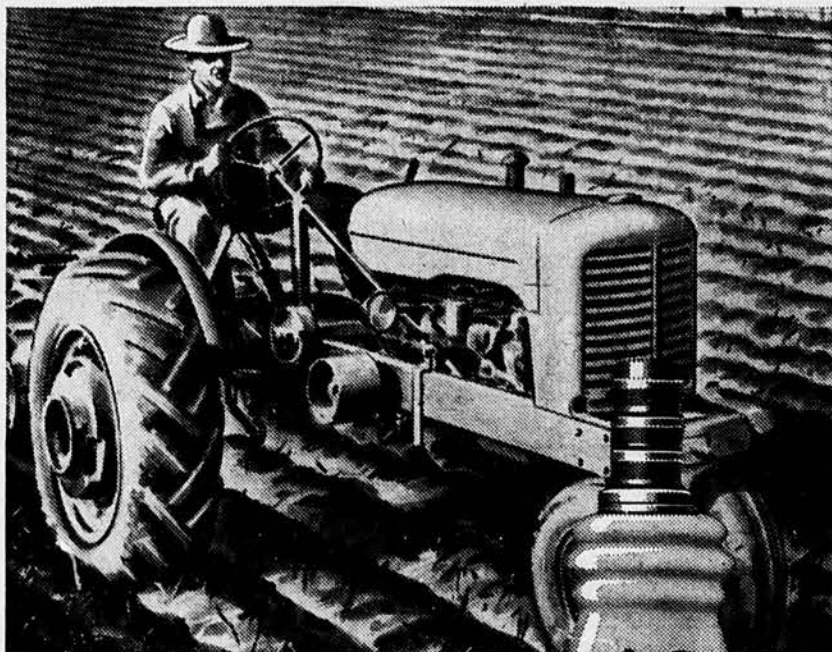
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Where Tons of Milk Go

Tour Takes in Illinois and Wisconsin Dairy Plants

By RAYMOND H. GILKESON

NEXT time you go to Chicago, don't miss visiting the Museum of Science and Industry. I stopped there early this month, along with 75 other farm paper editors from all over the United States, on a dairy tour of Illinois and Wisconsin. In the museum our main purpose was to see "Harvester Farm," at the invitation of International Harvester Company.

The museum building, by the way, is a huge one completed in 1893 as the "Palace of Fine Arts" for the World's Columbian Exposition. After the fair, however, the building apparently received little attention and appeared to be abandoned. But in 1924, public spirited citizens voted bonds to restore it, and a 3-million-dollar gift made it possible to start the present museum, which is visited by millions of people every year.

Of course, this exhibit of science and industry wouldn't be complete without having agriculture fully represented. So the museum officials asked International Harvester Company to take on that job. International answered by setting up a complete, life-size replica of a fully mechanized 160-acre Midwest farm with surrounding fields and authentic rural sounds. It is a popular place with "country hungry" cityfolks, an interesting place for farm folks to visit, a good advertisement for agriculture.

Lighting effects duplicate the sun's brilliance. Roosters crow, hens cluck, ducks quack, a robin chirps, cows moo, a woodpecker taps a tattoo. Pheasants, bluejays, crows, squirrels and turkeys all contribute their part to the scene. Also, there is the steady hum of power farming machinery and equipment at work. Loudspeakers for sound effects are embedded in the limbs of very natural-looking trees. These trees are of concrete, built around the columns supporting the roof.

City Folks Get Ideas

In the exhibit is a near-perfect Colonial farmhouse which farmer opinion helped design. I was told a great many city folks get ideas from it. Inside, the kitchen is up-to-the-minute—plenty of cabinets, electric range, a home freezer. There even is an office for the mister and his record keeping. From the back porch you can see fields of real corn, wheat and alfalfa. There is a pickup truck loaded with milk cans. Across the driveway is a brooder-house—and when baby chicks are under the hover, it is a mighty popular place with city children.

On the farm also are modern barn, silo, medium-size tractor pulling an automatic pickup hay baler, another tractor pulling a 2-row cultivator in a cornfield, a good workshop and machine shed, grain drill, manure spreader, a corn planter, and a self-propelled combine. The milkhouse is complete with cream separator, milk cooler and hot-water heater. In the barn are Holstein, Jersey, Guernsey, Brown Swiss and Ayrshire cattle.

Following the museum visit, the editors were taken on a 3-day tour of dairy processing plants and farms in Illinois and Wisconsin by the National Dairy Products Corporation. First came the Sealtest ice cream plant of the Hydrox Corporation in Chicago. Here milk is received from truckloads of cans, processed thru machinery that represents a heavy investment, and comes out as a delicious dessert in many flavors. It is easy enough to understand how one flavor of ice cream can be squeezed out of a pipe line into the containers. But when 3 different flavors come thru 3 different pipes to be forced thru a multiple "brick-maker," you get an idea of how much thought went into the machinery that helps make a market for tons of milk produced on dairy farms.

Next stop was at the fluid milk plant of the Bowman Dairy Company, River Forest, Ill. This company has 4 large plants in the Chicago area that receive tremendous quantities of milk every day. Here you see milk handled by "assembly line" methods. Poured into the receiving vats, it is quickly sterilized and ready to bottle. In one large room the used empty bottles are shoved into large washing, brushing, scalding machines where they get a going over

—inside and outside—that leaves no dirt or germs. This assembly shoves the bottles along to the automatic bottlers where they are filled and capped in almost nothing flat. Officials told us 25 per cent of the labor cost goes for keeping the plants clean and sanitary. Like clockwork, everything is washed and scalded. And the tile floors are being washed, it seemed, most of the time.

For lunch we stopped the first day at "The Milk Pail" on "Fin 'n Feather Farm" between Dundee and Elgin, Ill. This is mentioned simply because this 2,000-acre farm is making a good thing out of marketing foods grown there as dinners—chicken, duck, turkey, guinea, pheasant, partridge, fish (supply guaranteed by a hatchery on the farm), ham, bacon, eggs, country sausage and ice cream, with all the trimmings. Then next door is the "Country Cupboard" where folks can buy all these farm foods to "tote" home for meals. Good idea for other farms.

The biggest cheddar cheese warehouse and processing plant in the world came next. It is at Freeport, Ill., and is one of the Kraft Foods Company plants. Here cheese is collected from many points in the Midwest, blended and sent to the many retail sources. Freeport, by the way, is where one of the famous Lincoln-Douglas debates took place in 1858.

Thru Swiss Cheese Area

On to Wisconsin, the editors visited the Kraft Swiss cheese, limburger cheese, brick cheese assembly branch and warehouse at Monroe, and the Northside Cooperative Cheese Factory, at Monticello. We went thru the heart of the Swiss cheese producing area of the cheese-famous Green county. Folks there boast of 3 cows to every human inhabitant, 6 cows to every rural inhabitant, one cow to every 5 1/2 acres of land. Holsteins and Brown Swiss predominate. This area was settled by Swiss colonists in 1854. It is rolling country, a great alfalfa and bluegrass region. Tons of milk are turned into some 11 million pounds of Swiss cheese, and 3 million pounds of limburger cheese every year in Green county in 111 factories.

Folks there told us they enjoy cheese 3 times a day—good boost for their product. "Yes, we even eat limburger as a breakfast delicacy." However, when this editor visited the limburger warehouse he had a little question in his mind about eating this highly-flavored product so early in the morning. A whole roomful of limburger has a way of letting itself be known when the door is opened and the "fragrance" engulfs you.

Here in this "Little Switzerland of America" cheese day is celebrated in colorful old-world costumes. Once in a while you get a glimpse of architecture in the buildings that seems to be the offspring of the Swiss chalet. Many of the folks can yodel—young men and their "meitschi," old men and their "frauen," harmonize in folks songs few of us have heard. They even go in for "schwingen," which I am told is wrestling in Swiss style.

Typical of Swiss cheese making is the clean, efficient plant we visited at Monticello. After preliminary processing the milk is turned into clean cop-

(Continued on Page 18)



"I know you haven't said a word, but you've been listening in a most aggravating manner!"

Skirts Go Longer

LAST spring, dame fashion warned us that skirts would be longer. Everyone since has been frantically letting out hems . . . that is where there is enough material to let out. But with the majority of dresses and suits bought in war years, materials were so restricted that hems were mighty narrow. This has left the home sewer with little with which to work, sometimes absolutely nothing.

At the current cost of clothing either by the yard or ready-made, discarding the garments is unthinkable. A well-tailored dress should last several seasons and here are ways to make them do so. There are 4 basic ideas for adding length to the skirt . . . choose the one you wish and make your own variations.

If the dress is very simple and has a full skirt and you are a small feminine



type, add a soft ruffle round the hem and perhaps the sleeves as well. At any rate repeat the same touch somewhere on the dress.

For a dress which has a pencil-slim skirt, a peplum or what is now called a bustle can be added at the waistline. Select material contrasting in color. As you have already guessed the skirt is to be dropped at the waistline, the



seams ripped and resewed to fit farther down on the hips and then inset some other material under the peplum. Choose a material of very-like color for the inset.

For the third suggestion, drop the skirt at the waistline as before, inset another fabric but this time cover with a soft material that drapes well. It may be made of the same or a contrasting material. Cut the material so



that a large perky bow can be tied at the side-back, side-front or directly in the back. The foundation dress for this fashion should be extremely simple . . . no fussy trimming. Remove all other trimming materials, so that the bustle effect is the only trim on the dress.

Those in the "know," fashion speaking, say that tunics are in the front row. And better still, they may be long or short. Here is a short one. If you



have a dress with a full skirt, cut it off to the length shown here and wear it over a sleek, dark skirt. Long tunics also are fashion's best.

News to You?

The lime deposit which may appear on the inside of the teakettle or double-boiler bottom may be removed by boiling a cup of vinegar and a quart of water in the kettle for 15 minutes.

If you do not have a single-edged razor blade for ripping out stitches, fold a piece of adhesive tape over one edge of the double-blade for the sake of safety.

Because the dining room table is usually in the center of the room, a valuable addition to the home wiring system is an electric outlet under the table. This can be used for the toaster, waffle iron or coffee maker and there will be no tripping over a wire strung from a wall outlet.

Insulation is simpler and less expensive to install at the time the house is under construction than afterwards. A good insulation job depends as much on good workmanship as on proper materials.

The minimum-size closet for any bedroom used by one person should be

Take Time for Fun

One way to have fun is to plan a Halloween party, and it is not too early to be thinking about it. Our leaflet, "Hilarious Halloween Party," offers many inexpensive suggestions for invitations, decorations, entertainment, fortunes and refreshments. Please address Entertainment Editor, Kansas Farmer, Topeka, for a copy of the leaflet. Price 3c.

3 feet by 22 inches. Larger is better. The width should not be less than the width of a clothes hanger and 2 inches at each end for clearance.

How to clean the waffle iron after the batter accidentally burns? Use a small piece of fine steel wool on the end of a fork or stick or some other kitchen utensil. Fine steel wool will not damage the surface.

The way to clean a paintbrush depends on the kind of paint you have been using. Raw linseed oil removes paint and kerosene removes flat-finish paint. Turpentine should be used for varnish, denatured alcohol for shellac and clear water for calcimine and whitewash.

To keep knives sharp, cut food on a wooden board and not on a metallic or enameled surface. Avoid leaving knives in hot water. Store in a wooden wall rack. Knives dropped into drawers with other utensils get the edges dulled.

Lose Master Homemaker

Mrs. Lee E. Porter, of Stafford, Master Farm Homemaker of the class of 1939, passed away at her home, Saturday, September 27. She is survived by her husband and their 6 children. For many years Mrs. Porter has been an active community worker, serving in many capacities. She served as president of the Master Farm Homemakers' Guild in 1944-45.

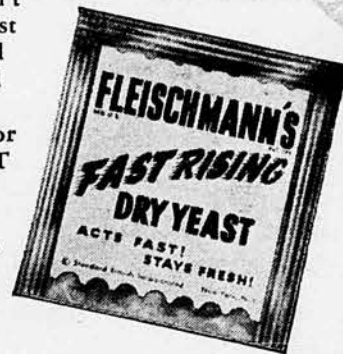
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Electrification coming your way? Here's the way to make your kerosene lamp suitable for electricity. And it's always handy in case you want to use it as a kerosene lamp in the event of an emergency.

"CARRY ME HOME"

By Helen Gregg Green

Children who develop habits of self-reliance during the vital formative years are acquiring mental health thru satisfying experiences. Those who fail in this respect frequently have to be "carried" thru life.

MY NEIGHBOR, speaking of the difficulty she had, said she has always expected an overabundance of love, attention and time from her family and friends.

"I know the reason for this lack of emotional maturity," she confessed. "It's a case of too much attention in my childhood and it should have been cured then. Figuratively speaking I wanted to be carried, when I should have been required to stand on my own two feet. It's been my whole attitude of life—wanting to be carried. Now I realize that life should be lived without props."

Thinking this over, I am reminded of the wisdom of a psychologist who wrote that many parents treat children as if they would never be anything else.

During childhood, the fundamental patterns for adult behavior are built. It is a mistake to be so captivated with baby ways that parents forget there is only one childhood, and that it is not meant to be "sugar and spice and everything nice," but a fairly serious training ground for future life.

One of the important needs is how to get along with others. It is up to parents and teachers to encourage give and take, the gift of not only permitting but encouraging another to take the center of the stage, building others' self-esteem, the habit of seeing the good in others and understanding that which is not good, helping friends to be adequate rather than being "carried," thinking there



is good in all peoples—all these things hasten emotional maturity.

Another way to help this development is to assist your young offspring to work out a philosophy whereby he learns to hold down his demands on others which, in his world, include members of his immediate family, his friends and later his teachers and schoolmates.

Thinking parents give their children the appreciation, love and commendation they deserve. But they also help them to know that satisfaction is gained from accomplishment and making a place

for themselves in the world, no matter how small that contribution. They do not permit little folks to become gluttons for praise and attention.

Encourage them instead, in a gluttonous intellectual curiosity, which will mean growth in habits of independence and self-reliance. The world's advance is made by those with intellectual curiosity—not only do they make a contribution but in doing so they are happy.

Let your Jack and Jill do everything their expanding natures crave, within reason. In this way they will acquire happiness and satisfaction.

Apple Time

Again!

By Florence McKinney

YOU can bet on it! Everyone likes apples and with a high-quality crop in the Midwest, apples will be available to all. None need be wasted, for windfalls and those with poorer color can go into applesauce, apple butter and apple chutney. Apple mincemeat has pleased American families for generations.

For the week of Halloween a supply of spooky-faced cookies will be part of the fun, especially if the young folks make them. These are filled with apple butter.

Apple Butter Cookies

5 cups flour	1 cup shortening
2½ teaspoons baking powder	1½ cups sugar
1 teaspoon nutmeg	3 eggs, well beaten
1 teaspoon salt	½ cup milk
	1 teaspoon lemon extract

applesauce

Sift and measure flour and resift with baking powder, salt and nutmeg. Cream shortening and sugar until light. Add eggs, milk and lemon extract to the creamed mixture and blend thoroughly. Add flour gradually and mix well. Roll dough fairly thin and cut rounds with a biscuit cutter. Place teaspoon of apple-butter in center of one round and top with another round on which a face has been cut. Press together around the edges with a fork. Rouge the cheeks with red sugar cake decoration. Place on a cookie sheet and bake in a hot oven (425° F.) for 10 to 15 minutes.

Apple Crisp

3 cups chopped apple, unpeeled	1 cup rolled oats
¼ cup dark corn sirup	¼ cup butter
¼ cup hot water	¼ cup flour
½ cup brown sugar	½ teaspoon salt
	½ cup pecans

Place chopped apples in a buttered baking dish and add corn sirup and hot water combined. Mix butter, brown sugar, flour, salt and rolled oats until they are a crumbly consistency. Sprinkle over the top of the apples. Bake in a moderate



oven (350° F.) for about 1 hour. The pecans are optional and if they are used, they should be sprinkled on top of the dry mixture before baking. Thinly-sliced apples may be substituted for chopped apples.

Apple Strudel

¼ cup milk	2 cups sliced apples
¼ cup butter	¼ cup seeded raisins
1 egg	¼ cup sugar
¼ teaspoon salt	½ teaspoon cinnamon
flour	melted butter
	½ cup chopped nuts

Warm the butter and milk, beat in the egg and salt, using a fork, and add enough flour to make a doughlike pie crust. Turn on a floured board, beat and pull for 5 minutes with a rolling pin, folding the dough over constantly. Put in a warm dish and let stand in a warm place while preparing the apples. Spread a clean cloth on a board, flour it and

roll the dough on it until the dough is nearly as thin as tissue paper. Brush with melted butter, sprinkle with cinnamon and spread over it the apples, sugar, nuts and raisins. Roll the strudel as you would a jelly roll. Place in a buttered pan and bake in a moderate oven (350° F.) about 1 hour or until brown. This will serve 6. Serve with or without cream.

Apple Pancakes

2 cups flour	1½ cups milk
3 teaspoons baking powder	1 egg, well beaten
½ teaspoon salt	3 tablespoons melted shortening
	1 cup grated apple

Sift together the flour, baking powder and salt. Add the remaining ingredients and mix thoroughly. Bake immediately on a hot griddle.

Progress Report Of a Home Demonstration Unit

By MRS. GEORGE SCHLOBOHM

IF YOU want a thing done, do it yourself," is the conviction of Mr. and Mrs. Dan Griffith, who after several years of hard work and inconvenience are seeing a long-time dream shape into an actuality. Mrs. Griffith, a member of the Reading home demonstration unit, Lyon county, proudly lists a home of their own as their major accomplishment during the past year.

For 6 years the Griffiths, with their 2 children, Norma Jean, a freshman in high school, and Robert, who is 5, have farmed a rented place and lived in a house made of 2 boxcars with an additional room built on. About 2 years ago, they struck out for themselves and by means of a loan were able to purchase the place on which they lived. Then the rejuvenation began, but it was slow due to lack of materials, so it wasn't until this year that progress actually was made toward the home they had dreamed about.

Remodeled the House

Building a new house was out of the question because of the lumber shortage, so they looked around for the next best thing. A 4-room house on a nearby farm was purchased and moved to their farm. A full basement was dug and the foundation built. The building was remodeled and added to until the finished product today has a living room, dining room, kitchen, hallway, two bedrooms and a bath with a large enclosed back porch.

In the kitchen an unnecessary pantry and closet were taken out to make a larger room, built-in cupboards are in the offing and will be built as soon as all the crops are harvested, leaving time for home building. An archway was built between the kitchen and the dining room and 2 large double windows replace an extra door in the living room.

The entire house was replastered and the varnish removed from the floors and woodwork and new varnish applied. All the rooms have been papered except the kitchen, hall and bathroom which were painted in pastel colors. Paint for the outside of the house is stored away until time is more plentiful.

With Classic Lines



Here is a new design with classic lines for fall and winter months. It comes in sizes 12 to 20 and 30 to 42. Size 16 requires 3 1/2 yards of 39-inch material.

Pattern 4894 may be obtained by sending 25 cents to the Fashion Editor, Kansas Farmer, Topeka.

Altho they moved into their home last December, work has continued on the basement, back porch and the outside. Two days before Christmas last year they were delighted when electricity reached the farm.

A new 20 by 30 Kansas-type straw-loft chicken house has also been built. Future plans call for building the kitchen cupboards, painting the outside, building a new garage and moving the 2 boxcars to the other side of the hill for granaries. "I want to see those boxcars as little as possible," Mrs. Griffiths explains.

Rejuvenation at the Griffith home is not all, for other unit members have made improvements as well. Emmett Jackson also bought a farm and the family got together to help take off an extra room from the north side of the house, screen in the back porch and put a new fence around the yard. Lee Jacksons can't be omitted either for when their barn burned, the family merged forces and built a new barn.

Installed New Equipment

Mrs. Floyd Reed is enjoying the new steel double-unit sink as well as a new 50-gallon electric water heater. An oil burner was installed in the basement furnace the past spring to replace coal shoveling of bygone days. One of the nicest achievements at the Reed home is the coffee table they built with a glass top under which Mr. Reed displays his collection of Indian relics, many of which he found on the farm.

Mrs. Clarence Jones rearranged a small hallway to accommodate the piano, thereby leaving more space in the living room. Mrs. Parry Reed shudders at the mention of curtains. During the past year, she has made 116 curtains, all but 8 of them for their 12-room house. A storeroom was recently converted into a room for 3-year-old son Philip with "cowboys on the walls," and completed their redecorating for the season.

Mrs. Harry Evans and Mrs. Bert Wamser boast of the addition of new home freezers, and at the homes of the 19 members of the unit only 3 still remain on the waiting list for electricity, most of them getting it in the past year.

Mrs. Edward Hyde converted a back porch into an attractive study, enclosing the windows, removing a "Fibber McGee closet," as she called it, and sent the cream separator to the basement. Souvenirs and relics collected on trips to the Southwest and Mexico are used as a decorative theme.

Mrs. Lee Rehrig has been repapering her home and painting in preparation for a new oil-burning heater for this winter that promises to eliminate a lot of back-breaking wood chopping.

Mrs. Ralph Shaw as well as 5 other members have become the proud possessors of new refrigerators which have gone a long way toward making the summer heat more bearable. Mrs. Dave Thomas and 3 others have lightened their work with the addition of new washing machines. The Walter Johns family painted the breakfast set in gay colors and moved it to the newly-painted screened-in porch where they can eat and relax in comfort.

Mrs. Gerald Jones is making plans for a flower garden in the yard next summer that does not include chickens. A new yard fence has been added as well as a drain dug for the new double-unit sink in the kitchen.

Mrs. Bill Phillips concluded that from the long list of improvements on their recently-purchased farm the new brooder house and electric brooder have been the biggest worksavers. However, young son Billy holds out for the power lawnmower. Mrs. Charles Schlobohm and Mrs. James Hyde joined the long list of those who papered and painted during the year, and Mrs. Thelma Verbrugge claims that the wiring of the hen house and brooder house as well as the addition of another yard light have been stepsavers at her home.

A new basement is in the digging process at the home of Mrs. George Schlobohm. Plans call for a furnace when the basement is completed.

All of which goes to show that things are changing down on the farm where the women have stopped envying their city sisters and have started to do something about it, now that material and labor are becoming plentiful.

ONE LOOK



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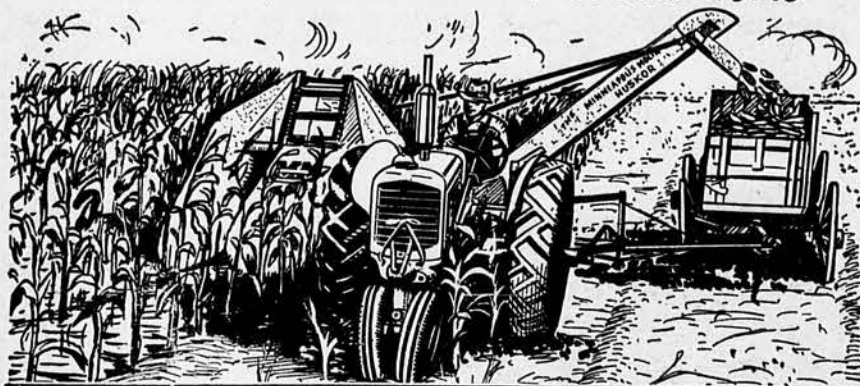
Just look at that fragrant, homemade bread, fresh from the oven . . . with golden-brown crusts and fine, even texture! Then, just taste that feather-lightness . . . that tender delicious goodness . . . and you know it's baked with KANSAS STAR "Better by Far" FLOUR.

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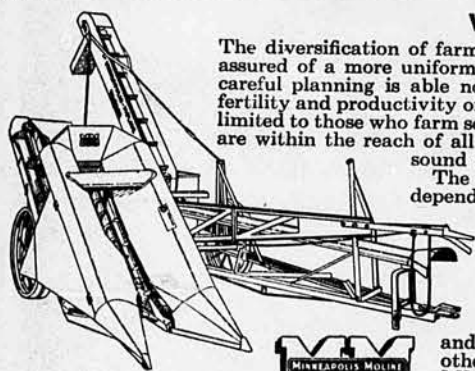
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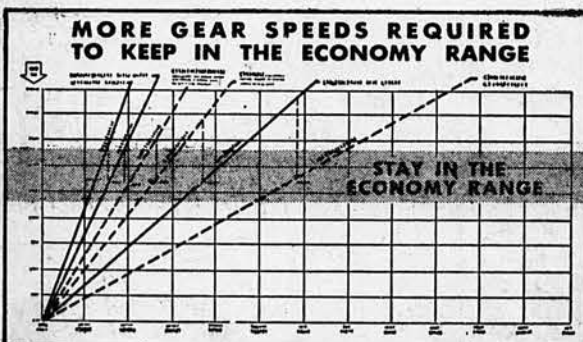
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IN ONE
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Tons of Milk

(Continued from Page 14)

per vats where the curd is allowed to form. This is cut with "Swiss harps" which are frames strung with fine wires that cut the curd into small cubes to reduce moisture content. The cheese is worked over many times to drain out the liquid, then is hooped and pressed, allowed to stand for a day, and then the "wheels" of cheese are put in a brine tank so they can absorb salt.

This Monticello plant gets 7 pounds of cheese from 100 pounds of whole milk. The cheese wheels weigh 210 to 215 pounds apiece, and the plant turns out 8 to 12 wheels a day. Thirty-four patrons supply this plant with 1,200 pounds of milk a day.

Study Barn Improvement

A stop was made at the farm building research farm of the University of Wisconsin, at Madison. There the program of dairy breeding has progressed until it includes herd testing, proved sires and artificial insemination. The next step in the breeding program was to keep the best cows going for a longer period so there would be more calves from these good cows. Barn improvement was considered as one aid. The loose-housing barn and milking parlor arrangement seemed to get a better score than others. Interesting sidelights were developed along the way in a 5-year test. Use of site-welding of steel frames for farm buildings apparently promises to do much in keeping building costs down. All-steel buildings offer protection against loss of building, feed and herd from fire. No corrosion or deterioration has taken place on the all-steel barn used.

In the loose-housing barns the warm, soft, well-bedded area where cows spent much of their time was liked by the cows. The deep manure pack preserved the manure and saved bedding, we were told. If just enough straw is added so all of it is soaked up and worked down into manure, it will be well preserved, can be hauled out with tractor-mounted manure loader at a convenient time for the farm operator. In this project labor was reduced 8 per cent by the loose-housing and milking parlor system.

The Wisconsin test indicated that cows housed loose may have longer productive lives because of fewer injuries, less stiffness and sharper appetite. They ate more roughage and less concentrates under this system.

At Westfield we saw a co-operative creamery that has 40 employees, 23 trucks and 576 patrons. Here all phases of cheddar cheese making and handling were seen. The top day brought this plant 104,646 pounds of milk. One year the plant turned out 2 1/4 million pounds of cheese.

We Drank Powdered Milk

At Shawano, the Consolidated Badger Cooperative plant showed us how to make powdered ice cream mix, powdered whole milk, plastic cream, frozen cream, and condensing operations. Here, milk sprayed into huge hot tanks turned to powder. At noon we drank some of that powdered milk—4 ounces to a quart of distilled water—and it really tasted like milk. One layer of our cake was made from dry milk solids, the other layer from whey solids. Whey from these plants we saw is sold to other processing plants and goes into many other products.

This company at Shawano has established an elaborate artificial insemination unit. Starting in 1940, it now has 7 veterinarians, 45 bulls with 50 per cent of them proved bulls, serves 24 counties, has 10,000 farmer stockholders, and expects to breed 90,000 cows this year. An airplane makes deliveries to 12 counties. Others are served by automobiles. Shares of stock cost \$5, service \$5 a cow. Average is 1.6 services for Holsteins, 1.7 for Guernseys.

Back at Chicago the editors were breakfast guests of Purina Mills officials. Then a trip thru the Swift and Company plant again impressed us with the efficiency of present-day meat production. Here the "assembly line" method really started and has been perfected. You recently read in this paper a complete story on one of the Swift plants. Swift has 54 packing plants, 137 dairy and poultry plants, 289 branches, and 23 fertilizer plants serving farmers. When you find that a beef animal is processed in 25 minutes you are willing to agree the men in these plants know their business.

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France Will Test Rice County Clover



Rice county growers shipped 300 pounds of certified Madrid sweet clover to France this year. Shown here with samples of the seed are: Left to right, Paul Bates, Salina exporter; Edwin Habiger, Bushton; Paul C. Perry, Little River; L. D. Olander, Little River; Lester Conner, Lyons; Raymond Alber, Lyons, and George W. Sidwell, Rice county agricultural agent.

FIVE Rice county growers recently sent 300 pounds of certified Madrid sweet-clover seed to Fontvieille, France, where it will be given extensive tests to determine its utility in that country.

This is believed to be the first certified Madrid sweet clover ever exported to France from Kansas or the United States. Each of the 5 bags is sealed with the blue tag of certification issued by the Kansas Crop Improvement Association.

"Madrid sweet clover is a relatively new crop in Rice county, but growers are enthusiastic over its various uses," says George W. Sidwell, county agent, who contacted each certified seed grower in his county about seed for export to France.

"It is a soil builder, produces an excellent quality of hay, and is proving to be one of the best pasture crops. It is fast becoming one of the major crops grown in the rotation program with wheat and other small grains," Sidwell added.

Edwin Habiger, of Bushton, who has grown Madrid clover for some time, says that this clover not only adds nitrogen but helps the land absorb and hold moisture. It roots deep and makes the land work easier. Habiger says Madrid will increase yields of oats and wheat on his farm in the worst years at least 30 per cent and, on poor land, 2 or 3 times.

Two head of cattle an acre were pastured by L. D. Olander, Little River, on his Madrid clover from March 15 to May 1. He winter pastured the crop from September 20 to December 23. Paul C. Perry, also of Little River, describes Madrid sweet clover as "the

legume crop for good crop rotations." A first-year Madrid clover grower, Raymond Alber, Lyons, said early in September that clover is proving to be one of the most drought-resistant crops he has grown.

"We did not have a satisfactory rain from June 25 until September 6, and my Madrid clover still looked fine. This is one of the worst droughts we have had in years. I plan to plant 70 acres of clover next spring."

Lester Conner, Lyons, has used this sweet clover in a rotation program 4 years. He reports that clover hay and pasture equal alfalfa in milk production and palatability. A 20-acre field of certified Osage oats, following Madrid clover in the Conner rotation, yielded 92 bushels an acre.

Another grower placed 25 colonies of bees near a 20-acre field and harvested 150 pounds of honey a hive.

"When you take into consideration the returns from seed, pasture and soil improvement, it is understandable that more and more progressive farmers are turning to the new Madrid sweet clover," commented Sidwell. "Many of our growers estimate their return at more than \$100 an acre."

E. A. Cleavinger, extension crops and soils specialist at Kansas State College, echoes the comments made by the agent and growers in Rice county.

"Madrid sweet clover is drought-resistant and well adapted to any area where other sweet clover will grow. Other varieties may be preferable in some sections of Kansas, but adapted varieties of sweet clover unquestionably are our most efficient soil builders as well as one of our most profitable crops," Cleavinger said.

Check for Weevil In Stored Wheat

IMMEDIATE inspection of stored wheat for weevil infestation is advised by Dr. E. G. Kelly, Kansas State College extension entomologist. Much stored wheat already is infested, he reports.

Danger of infestation by weevils is present in any wheat that has been rained on or which had more than 13 or 14 per cent moisture when stored, says Doctor Kelly.

There are several ways to treat wheat for weevils, states Doctor Kelly. Moving wheat from one bin to another will slow infestation. Tightly binned wheat can be fumigated, using one pound of carbon bisulfide or its equivalent to 25 bushels of grain.

For large quantities of wheat, Doctor

Kelly suggests liquid fumigant in the ratio of one gallon of fumigant to 300 bushels of wheat. This can be placed in one-gallon jugs and distributed evenly in the bin when temperature of the wheat is 70 degrees or above.

Since fumes from such fumigants are strong enough to overcome a man, Doctor Kelly suggests that the jug farthest from the door be opened first and that the operator move toward the door as each jug is opened. "It is not a bad idea to have a second person on hand to pull you out if you are overcome by fumes," warns Doctor Kelly.

Much Straw Unused

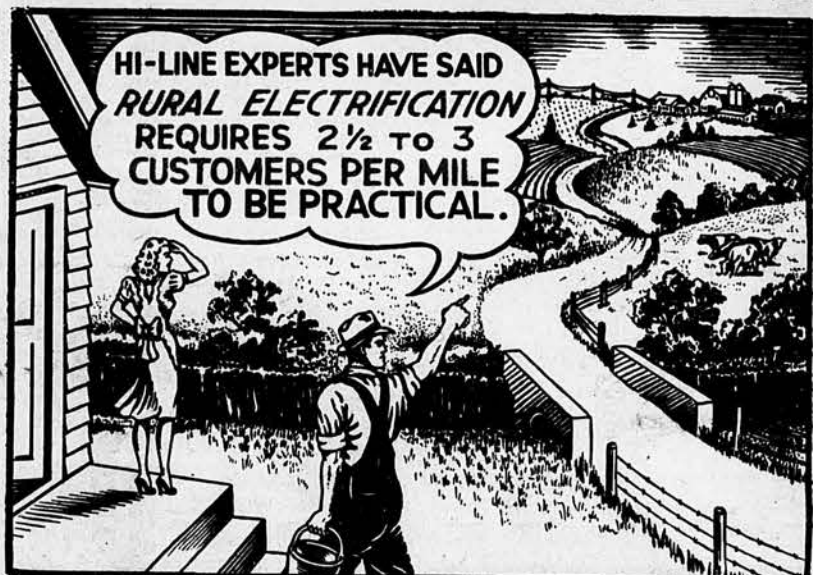
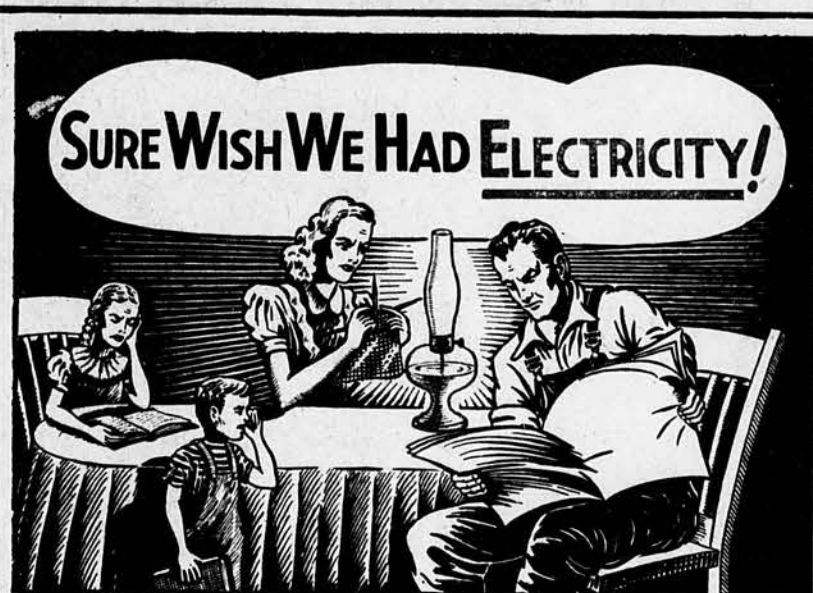
Despite increased use of straw in industry, it is estimated that there still are about 42 million tons of this crop residue annually left in fields or otherwise not used, says the U. S. Department of Agriculture.

Of the 76 million tons of recoverable straw produced in 1945, about 9 million tons were used on farms or sold as baled straw, and 25 million tons used or sold as loose straw.

Most important industrial use for straw in recent years has been for making strawboard, cigaret paper, and high-quality writing paper. Wheat accounts for about 58 per cent of total straw production and oats about 35.

For the Home

Instructions for making homemade footstool tops, chair seats, and braided, hooked or woven mats are included in our leaflet, "Homemade Rugs." Also suggestions for materials and equipment needed for various kinds of rugs. Please order from Farm Service Editor, Kansas Farmer, Topeka. Price 5c.



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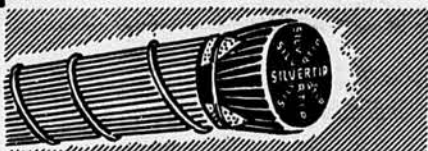
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tells of crippled children made whole! Of sad parents made happy! It tells how you may help in this expanding program of healing. Write for your free copy of the story today.

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An economical, efficient, Nicotine product for the control of poultry lice. Used by painting on top of roosts.

1 pint \$1.50
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Germozone is just as important in the laying house as in the brooder house. Use in the drinking water about two days per week. When necessary to help prevent spread of germs through the drinking water in case of disease, Germozone can be used every day as long as necessary.

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Regular use of Tonax provides birds with needed blood-building elements and trace minerals. Contains mild astringents... also effective stimulants to pep up lagging appetites. No fillers in Tonax... 100% active ingredients.

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Housed Flocks Need Special Care For Top Egg Production

Lee Medicines Help Thousands Keep Their Layers in Shape

Fight Costly Colds With LEEEMULSION or VAPO-SPRAY

Be prepared for any outbreak of colds or wheezing. Often early treatment is the most valuable. Have LEEEMULSION or VAPO-SPRAY on hand for emergency use.

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4 oz. bottle \$.50 1 pint \$.50
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LEE'S GIZZARD CAPSULES

A safe, effective way to worm without reducing egg production. The GIZZARD CAPSULE'S INSOLUBLE coating does not dissolve in the crop—it protects medicine until crushed by gizzard—gently delivers correct dose, full strength to worms. For best results, worm with genuine Lee's GIZZARD CAPSULES.

10 capsule env. \$.15
50 capsule pkg.75
100 capsule pkg. 1.25



4-H Catch-It Contest Fun

By RUTH McMILLION

A UNIQUE contest was held at Ashland during the 4-H Fair. It resulted in hilarious entertainment for the side line and a fine calf apiece for 14 of the 4-H boys participating.

Fourteen calves were donated for this event. The object of the contest being that the calves were turned loose in the arena all at once and the young 4-H'ers endeavored to catch one. The calf any boy caught and haltered was his. Before being eligible to enter the boy had to sign up as a 4-H'er and agree to feed out and exhibit the calf he won at next year's 4-H Fair.

The contest was held at night. The boys lined up within the brightly-lighted arena and the calves were loosed. At first it was a riotous furor. Since there were more boys than calves it was a contest between boys and boys and calves. There were boys on calves, under calves and wrestling calves. Some tried the bull-dogging method, others the sneak attack and others the might-and-main technique. Some grabbed the tails of wild-eyed calves and giant-strided after them only to be pulled to the ground and plow thru the dust. Gradually the calves eliminated the boys. Boys having the most success seemed to have analyzed the situation beforehand. They would annex themselves to the tail with a leach-like hold, then if they were able to survive the calf's first frenzied bout they would jog or walk idly after it, never trying to halter it until the calf was in a docile, tongue-hanging state. Then the small, weary boy would maneuver the halter from his dusty, drooping pants and tie his calf to the fence.

Each calf was a fine calf and each boy thought his bruises a fair trade for his prize. Donors of calves and the boys who won them are:

Calves donated by—Kiwanis Club, Tom Davis, I. J. Klinger, Vernon McMinimy, Dan Daily, Shattuck Ranch, Harry Christman, Chester Bare, E. E. Alexander, Bud Roberts, Charles Davis and Raymond Broadie, M. N. Rankin and Jerry Wilson, Berryman Brothers, Elmer Broadie.

Calves caught by—Frank Preisner, Jr., Bobby Greene, Donald Keasling, Philip Randall, Elvin Lewis, Kenneth Acre, Douglas Ullom, Roger Greene, Dean Leslie, Donald Howell, James Heiney, Homer Dickey, Ivan Salyer, James Preisner.

Can Grow Oats

Oats are considered fairly risky in Graham county, but Edwin Sandlin believes he has found the answer to producing them. Last year he had 35 acres of Fulton oats seeded on summer-fallow ground and they made 51 bushels an acre.

Seeding the oats was somewhat of an accident. The ground, which was beginning to blow, had to be worked in April anyway. So Mr. Sandlin drilled in the oats while working the summer fallow. "It was late for planting oats but I just took a chance," he says. He gives credit for the yield to summer fallow. "Some of my neighbors did even better with oats on summer fallow where the oats were planted at the proper time," he stated.

Use More Lime

Farmers in Kansas have made great strides in the liming program, according to figures released by the PMA. During 1940, Kansas farmers spread a total of 31,013 tons of lime. In 1946, the total was 916,563 tons.

This same rate of increase prevails for the United States. Back in 1933 farmers used only 1,547,912 tons of lime. In 1945, the last year for which there are official figures, the amount of lime spread was 23,488,278 tons.

A New Insecticide

A new insecticide said to be superior to DDT for control of flies and Mexican bean beetles, yet less toxic to warm-blooded animals, has been announced.

The new chemical, known as methoxychlor, is said to be only 1/40 as toxic to warm-blooded animals as DDT. It is not equal to DDT for control of codling moth. Methoxychlor is being recommended principally as an orchard spray.

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The Workmaster can be converted into the Haymaster-10 . . . hay stacker-loader . . . by purchase of a few conversion parts. Also with the Workmaster you can own the BUCK RAKE attachment and the BULLDOZER attachment, two other labor-saving New Method implements. See your implement dealer, or write us, today, for complete information, care of Dept. KF-10.



THE NEW METHOD EQUIPMENT CO.

Marketing Viewpoint

By C. P. Wilson, Livestock; Paul L. Kelley, Poultry, Eggs and Dairy.

I have some 190- to 200-pound hogs. How much longer should I feed them?—R. H.

There is a limit to how heavy hogs can be profitably fed under present conditions. Despite high hog prices, the feeding ratio is not particularly favorable. Also, a longer feeding period will make it necessary to sell on a seasonally weaker market. Altho light hogs are selling at a discount, it probably would not pay to feed beyond 220 pounds in most cases.

In view of fat lamb prices, can I afford to pay current prices for feeder lambs?—B. R.

On the surface, feeder lamb prices appear to be high in relation to fat lamb prices. However, this year's crop of range lambs has a high proportion in slaughter condition. This is holding the slaughter lamb market in check at this time. A high proportion of fat lambs leaves a small proportion of feeder lambs to go into feedlots for later finishing and slaughter. The market supply of fat lambs will be small by late winter and early spring, and prices probably will be strong. Profits from lamb feeding should be favorable again this year.

What effect will Government storage stocks of dried and frozen eggs have on egg prices in view of the new food-conservation program?—J. M.

The total case equivalent stocks of shell, dried and frozen eggs on September 1 was about the same as a year ago, and only slightly smaller than the 1942-46 average for that date. The Government holds about as many dried eggs in storage as commercial dealers. However, commercial dealers own more than four times as many frozen eggs as the Government.

Summing up the possible outlets for dried and frozen eggs, it would appear that the bulk of these kinds of eggs would have to go either to commercial users in this country, to the armed forces, or be exported. In view of current conditions, it would appear that Government stocks of dried and frozen eggs may be substituted to some extent for shell eggs for the armed forces. However, to move the balance of these supplies to foreign markets apparently can happen only at a loss to the Government at present. Therefore, it would seem logical to expect some change in the current export program for eggs since foreign buyers are reluctant to buy at present prices.

All of this points up the fact that Government holdings of dried and frozen eggs probably will be used as the balance wheel to prevent egg prices from rising too high in this country, as well as to provide a source of export shipments.

Terraces Save Seed

Because he farms on the contour with terraces and has a good rotation using alfalfa and sweet clover, C. E. Swart, of Geary county, has not had to replant a single kernel of row crops in the last 6 years.

Before his soil-conservation program was established he had considerable difficulty with seed being washed out or muddled over. This year his wheat averaged 30 bushels an acre.

Safety Winners

Winners in the Kansas Farm Safety Contest for 1947 have just been announced by J. C. Mohler, chairman of the Farm Safety Committee of the State Safety Council.

Gordon Markley, Harmony Hustlers 4-H Club, Dickinson county, is the boy winner.

Doris Hahn, D. I. Y. Juniors, Ford county, is the girl winner.

Winning group is the Harmony Hustlers 4-H Club of Dickinson county.

Gordon Markley and Doris Hahn each will receive a gold watch from Senator Arthur Capper thru his Kansas Farmer magazine. The winning club will be rewarded by a trip to the American Royal Livestock Show at Kansas City.

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corn, shelled corn, small grains, and cured roughage crops, there are three low-cost John Deere Hammer Mills in 6-, 10-, and 14-inch sizes. Their surprising capacity, low power requirements, and uniformly good work are the pride of every owner.

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LAUBER SEED FARMS

GENEVA
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It's an "Idea Factory"

(Continued from Page 5)

weather, both the shop and the laying house are heated by a low fire in the pit. Young chicks can be brooded in the laying house without being cramped or without the necessity of extra equipment. Floors are never damp and cold thruout the winter. "It takes a surprisingly small amount of fuel," says Mr. Ehm, "and certainly is a convenience." The same idea is carried out with the central hog farrowing house except that waste wood around the farm is used for fuel. "A smoldering fire is all that is needed to keep the pigs warm and comfortable," reports Mr. Ehm.

At the big barn Mr. Ehm feeds his hay with a minimum of trouble. Windrows of the hayloft are spaced so hay can be thrown down on the outside from several points. Around 2 sides of the barn, hay-feeding bunks are provided, along with a concrete floor on which the cattle can stand. Inside the barn Mr. Ehm even has a tractor-operated blower to create a good breeze for himself while the hay is being put into the loft.

Getting hay harvested and into the barn also has received attention. Six years ago Mr. Ehm rebuilt an old horse-drawn mower for tractor oper-

changes. As a result he claims the tractor has never burned out a rod and still has the original rings.

Handling grain on the farm for hog and poultry feed is done with a minimum of labor. The grain is dumped into the farm elevator pit and elevated to overhead storage bins. Spouts from these bins to the grinder are equipped with magnets to remove metal objects, and the grinder is equipped with an attachment for adding minerals during the grinding process. After grinding, the feeds are again elevated to overhead bins. At feeding time they are released from gravity spouts. The elevator is equipped with a platform lift to carry Mr. Ehm up and down within the building. He also plans to install a similar lift in the house.

Even the family water supply comes in for a share of the Ehm ideas. A large cistern at the barn provides a reservoir from which water is pumped to the house system. This cistern holds such a large supply of water that Mr. Ehm claimed it sometimes became stale. To overcome this problem he designed and installed a wind-driven agitator. Curved blades on a wheel at the top of a shaft catch the wind and cause the shaft to rotate. Washing-machine blades on another wheel in the cistern agitate the water.

Fuel oil for tractors on the farm is kept in barrels inside an aluminum storage box. An electric pump attached to the back of the box allows Mr. Ehm to fill his tractors without any hand pumping. Inside the box Mr. Ehm has a note book and pencil to keep an accurate record of fuel consumption, oil changes and grease jobs on his machinery. It is this attention to detail that helps keep his old machinery in tip-top condition well beyond the natural working life.

To make a metal grain bin more portable, Mr. Ehm put in a thin concrete slab base equipped with steel U-bars to which he can hook a cable for moving the entire bin and base by tractor.

These are just some of the things you can find by spending a half day on the Ehm farm. But the crowning

America is the land where in one generation a family can rise from a plain cabin to a cabin plane.—S. D. M.

ation. Behind the cutting blade he used metal strips on the 2 outside feet at each end to form a windrow. The strips all curve inward, leaving a 2-foot windrow in the center.

This windrower has several advantages, states Mr. Ehm. It rolls the leaves under and exposes the stems for more uniform wilting. The windrows will shed rain better than swathed hay. And the windrow can be straddled with the tractor for following operations.

For getting the hay to and into the barn with a minimum of labor, Mr. Ehm designed and built a special tractor-trailer, which is 8- by 18-feet mounted on two 16 by 7 six-ply truck tires. Floor of the trailer is 24 inches from the ground and balanced so that only 3 feet of the load is on the tractor draw-bar.

A large winch on the front end of the rack holds 3 heavy metal chain slings. The load is built up in layers on these slings. At the barn, unloading merely consists of hooking the slings to the hay lift.

Some of the other things Mr. Ehm has designed and built include a carry-type scraper, bulldozer, garden tractor, self-propelled lawn mower guided by an auto steering wheel, and a livestock trailer equipped with a loading winch.

Most farmers using older-type combines may have had trouble with tall grain hooking around the corners of the reel and becoming snarled. Mr. Ehm solved this by installing aluminum paddles at the corners.

Mr. Ehm's 20-year-old McCormick-Deering tractor had rubber tires long before these improvements became popular on the farm. He put a metal rim over the lugs, then bolted old truck casings to the rim. Incidentally, this old tractor, which has seen 11 years of farming and 9 years of custom threshing, is a shining example of how long machinery will last if given proper care. This tractor always has been housed when not in use and Mr. Ehm keeps a very accurate record on its operations for proper greasing and oil

For the Housewife

The following U. S. D. A. publications have been prepared to aid the busy mother and housewife. Any one or all of these bulletins may be ordered from Farm Service Editor, Kansas Farmer, Topeka.

- FB-1925—"ABCs of Mending"—Price 10c.
- FB-1944—Sewing Machines—Cleaning and Adjusting. Price 10c.
- FB-1960—Carpet and Rug Repair. Price 5c.
- FB-1968—Pattern Alteration. Price 10c.

"Law is the minimum on which society can be built."—L. E. S.

achievement to date for Mr. Ehm's mechanical genius is an all-aluminum trailer house which he designed and built last winter. It made them a comfortable home on a 17-day vacation trip this summer.

This trailer house, which Mr. Ehm has named the "Cozy Rocket," doesn't look like any other trailer you ever saw. Both the design and the name Rocket were taken from the Rock Island streamlined engines.

Windshields, rather than windows, are used at front and back for light and air and additional ventilators are placed at the bottom of the frame. Cool air comes in at the bottom and warm air goes out at the top, giving indirect ventilation. No windows are used to avoid dust and hot air from the sides.

The trailer is only 6 feet 4 inches wide, compared to about 8 feet for standard trailers. "This means it is less dangerous on the road," says Mr. Ehm. Balance of the trailer and the light weight of the aluminum make it possible to lift the connecting bar of the trailer with only a 30-pound pull.

Into this compact design, Mr. Ehm has put every possible modern convenience for traveling. The trailer has a double bed, a combination living-dining room with a disappearing table, a dressing room, clothes closet, and a mechanical-type toilet. Bunk seats along the side provide storage for food, clothes and bedding, and an ice-box compartment. The entire trailer is wired for electricity, including an electric fan as standard equipment.

Mr. and Mrs. Ehm so enjoyed the comfort of the trailer during their vacation trip they have been sleeping in it ever since. "We keep it out in the yard and sleep there every night because it cools off much quicker than the house," Mr. Ehm explains.

It took Mr. Ehm 60 days of spare time to build the trailer and you would think he would be satisfied. But you don't know Mr. Ehm. He already has ideas for greatly improving the trailer. "I guess I'll just have to build another one next winter," he grins.

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Send us a postcard, for information on the Prairie Mulcher. Learn how simple it is to prevent soil blowing this new way. It is proved by 4 years use; endorsed by hundreds of farmers who say, "It saved 200 acres of my best land." "Gave me a crop where I could never get a crop before." Made and guaranteed by the makers of the famous Hydraulic Farmhand.

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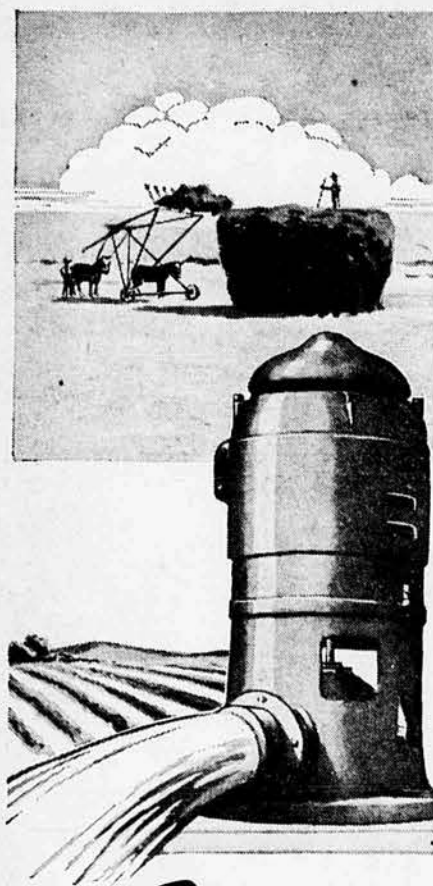
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MUSTEROLE

What Does Your Tongue Tell?

By CHARLES H. LERRIGO, M. D.

I AM asked about the tongue by a subscriber who wishes to be able to care for the ailments of his family. "Tell me how to read the tongue," he demands. But, after 40 years of practicing medicine, in which I have looked at thousands of tongues, I cannot tell him. Sometimes it conveys no meaning at all. The hardened, old, catarrhal dyspeptic may have a tongue which always carries a coat that would be the envy of a cinnamon bear. No good trying to read anything there. Almost all adult persons carry tongues that are habitually coated. They tell very little. But let the doctor see the strawberry spotted tongue of the little girl who was quite well yesterday but today has a high fever. "Oh, yes," he asks, "has this girl been anywhere near Scarlet Fever?" Or let him see a few drops of moisture, and a little relaxation or broadening in the fevered tongue that for many days has shown nothing but dark brown fur. His face lights up with interest. "Is the temperature down a little?" he asks. "I believe we're going to get well."



Dr. Lerrigo

You see, there really is a great deal in reading the tongue. It tells a lot of things that may be little suspected. But it's no good asking a doctor to tell you how to read the tongue. There are too many other index matters that must be coupled with it. You might as well ask him to impart in a single letter all that his years of medical skill have taught him. It can't be done. If you would learn the significance of tongues, take a course in your own family. Look at the tongues of the chil-

dren when well so that you may have a comparison. Don't pay too much attention to the coating. Look for moisture, patches, deposits, swelling. While doing it look at the throats and tonsils, too. It is a valuable thing to know how normal tissue looks. In no other way can you decide when there is a departure from normal.

I should be sorry to start a reader into practices that might wear out the patience of wife and children. But make the examination gently, wisely and patiently, in a good light, and you will learn something that you cannot get from books.

Better Reduce Weight

I have kidney trouble and high blood pressure. I am fleshy, and 50 years old. I am taking nuxvomica and some tablets with other things in the ingredients. I wish to know if they are the best to use. I am told that high blood pressure affects fleshy people mostly on account of too much blood.—F. J. R.

Your idea of high blood pressure is not correct. The volume of blood is not a serious cause and more patients with high blood pressure have an under supply rather than an excess. Stimulants such as you mention are not usually given in the treatment of this complaint. Perhaps your doctor has some special reason for advising such medicine, but my opinion is that you will get much better results by reducing your diet than by taking medicine.

Try This Method

I have several warts on my hands. Will you please give me some recipe to take them off? I have tried different treatments but they all failed.—Jane W.

If the warts are not very numerous, you may remove them by applying glacial acetic acid. Use it carefully. Apply to the warts 2 or 3 times daily and keep it up until the warts turn black.

American Soybeans Take World Lead

AMERICAN farms have definitely taken the soybean-producing championship away from the heavily-populated Asiatic countries who have relied on soybeans since ancient times to give their diet some semblance of balance. The U. S. snatched the lead from China and Manchuria during the war, and with present U. S. soybean acreage 11 per cent higher than in 1946, it looks as if America is going to stay out in front.

China and Manchuria never developed the fine soybean products American tables now demand. Shortenings, salad oils and margarine, and flour and cereal products made from soybeans are the result of American ingenuity and American taste for a varied diet. Our soybean harvest is not so important for export as for keeping up our own stock of protein and fats, so that we do not need to import so much foreign oil. In fact, most soybean oil usually stays here while lard is exported. Europe's greatest deficiency right now is in hog fats, making American lard doubly welcome. Soybean export in 1946 was only 174 million pounds, a fraction of the total production of almost 12 billion pounds.

Under a recent trade agreement we will export soybean oil to olive oil pro-

ducing countries, but this is merely an exchange of the two oils to satisfy local consumer demands. Since domestic soybean oil sells abroad for less than olive oil we will be getting, this allows Mediterranean countries to improve their dollar exchange for the purchase of other American products.

Increase This Year

Soybean acreage for 1947 shows considerable increase. The important soybean states have a combined soybean acreage increase of 14 per cent over 1946. Some startling gains were made in certain states. Minnesota jumped to 43 per cent over last year's acreage, and Iowa gained 21 per cent.

The Department of Agriculture believes the soybean increase came because many farmers switched from corn and oats. The long, wet spring made much of the 1947 soybean planting later than usual. One estimate says that about 80 per cent of the crop was planted by July 1, two weeks later than 1946 planting.

Soybeans were the one shining example among crops last year, because the Government did not have to spend a single cent in price support. The trading price was so far above the support price that there was no necessity of support prices. Following decontrol last October, the price of all vegetable oil rose rapidly and soybean oil reached a peak of 39.7 cents a pound in March. Since then the price has declined to less than 25 cents a pound. Reduced export allocations in the second quarter of 1947 also kept the price down somewhat.

The soybean farmer today who wants to understand what is going to happen to his crop has to keep an eye on both world events and domestic problems.

Silos Help Soil

Legume silage reverses an old contention that indirectly silos are hard on the ground. That is the opinion of Fred Fuhrman, Atchison county. Using clover for silage, he believes silos now can be considered a benefit to the soil.

Mr. Fuhrman put 10 acres of red clover in his silo this year. He believes it is the coming thing.



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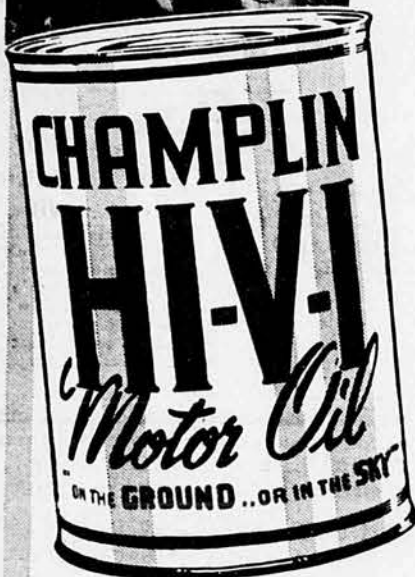
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FLOWS FREELY AT ZERO AND BELOW

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Rationing on Way Back?

(Continued from Page 6)

assure an equitable distribution of goods in scarce supply) and also to slap on price controls, to prevent the inevitable rise in prices beyond even the present high price levels.

That will bring back the huge bureaus necessary to administer ration and price-control programs, with the necessary complement of administrators, supervisors, statisticians, specialists, inspectors, snoopers, boards, and enforcement officers, to enforce price controls and ration cards and regulations and reports and bookkeeping.

Now The Planners are just as sorry as the rest of us over the distressful plight of Europe (and other parts of the world) but there is a silver lining in their cloud—jobs and a return to power for The Planners.

Plus a reasonable prospect that a few more years of Government controls and high Government taxes, might accustom the American people to the acceptance of Government controls and regimentation as a natural part of the general scheme of things.

Leon Henderson, first head of OPA, who bragged even before Congress had legitimized OPA that thru price controls he would make the people of America realize "there was a war on," is back in the national picture as executive chairman of the "Americans for Democratic Action," otherwise the ADA.

Leon issued a statement for the press last week. In it, for the ADA, he demanded: An immediate special session of Congress to (1) appropriate unstintingly for Europe's needs; (2) enact price-control legislation; and (3) enact rationing legislation. And supplemented that the ADA continues all-out for democratic principles all over the world.

Washington is moving steadily toward the special session. President Truman hopes that the four Congressional committees (Senate and House Appropriations, Senate Foreign Relations and House Foreign Affairs) will recommend a special session. If they do not, the President may have to take the responsibility of calling one.

Reason: Western Europe, particularly France and Italy, must have definite proof, in the shape of advances of probably $\frac{3}{4}$ -billion American dollars, before the end of 1947, that the United States intends to extend the aid and assistance implied in the Marshall proposal of last June.

Consideration of the 16 European nations' counter proposal of 19 billions of American dollars aid in the succeeding 4 years can then wait for the regular session of Congress.

Unless France and Italy get that evidence of assured assistance before the end of the year, it is feared (threatened) that their governments may be succeeded by Communist governments before winter has fairly set in.

Some notes on the farm-front angle to European crisis—

Admittedly, conflicting reports about grain exports have caused some confusion. Confusion right now is on wheat; whether exports this market year will total 400 million bushels or 500 million bushels, thus boosting total grain exports contemplated from 470 million to 570 million bushels. Here is believed to be some of the background for what all the shouting is about.

First, a goal of 400 million bushels of wheat for foreign relief was announced by the Cabinet Food Committee. Members: The Secretary of State (Marshall), the Secretary of Agriculture (Anderson) and the Secretary of Commerce (Harriman).

Then not much later, a goal of 500 million bushels was announced by the President's Committee on Foreign Aid. Secretary of Commerce Harriman, after approving the 400-million-bushel report, as chairman of the Foreign Aid Committee, made the 500-million-bushel recommendation.

Anyway, the State Department backed the second Harriman recommendation, and the White House followed up with the "new goal" of 500 million bushels of wheat.

Harriman also wants to buy the full amount—NOW. Secretary Anderson wants to move more cautiously—fears higher prices at home. Department of Agriculture officials are on the whole in agreement with Anderson; have doubts if the 500 million bushels for

1947-48 (to June 30, 1948) can be met without serious market and price detonations in the U. S.

If the 1948 wheat crop prospects are good, the 500-million-bushel goal might be met. But that IF is spelled with capital letters—IF—as of today. The prospects are not good.

Administration is putting on publicity drives for (1) save-food program for consumers; (2) save-feed program for farmers—market lighter-weight hogs and cattle. Narrow margin between wheat and corn prices doesn't help the save-feed program. Also, there is a natural desire of farmers to cash in on high prices, while they last.

In sight are definite proposals for "dark bread," less grain for liquor, limited wheat for feed formulas, wheat inventory controls, even the Leon Henderson's demand for complete rationing and price controls is not backed by Administration recommendations.

It is not only American coal being shipped to Newcastle; American rice also is being shipped to the rice-producing Orient.

Washington is confident the "emergency" fund—between 500 and 750 million dollars for European relief—will be made available before Christmas.

Gambling on wheat and corn futures, altho not the basic reason for high prices, may result in stringent Government regulations for the commodity exchanges. Government now does not have authority to fix margin requirements on futures trading in commodities. It does have that authority over margin trading on the (security) stock exchanges.

Senate and House Agriculture subcommittees are holding hearings over the nation this month and early November on national farm programs. As predicted in this report last spring, these committees now are heading toward a continuation of support price program (beyond December 31, 1948) by coming session of Congress, possibly with stop-gap definition of parity formula; long-range farm program to be legislated by the Eighty-first Congress, which meets in January, 1949, following the '48 elections.

USDA's Production and Marketing Administration office in California, after some study, announces there were 40 per cent more beef cattle, hogs and sheep for every thousand persons in the United States in 1900 than in 1946, as shown by the following table.

Year	Beef Cattle	Sheep	Hogs	Total
1900	589	633	672	1894
1910	426	463	546	1498
1920	463	385	569	1417
1930	309	420	454	1183
1940	329	398	464	1191
1946	377	315	444	1136

In 1900 meat consumption per capita was 151 pounds. By 1910 it had dropped to 146 pounds, then by decades to 136 and then 128 pounds in 1930. In 1940 the consumption per capita was back to 142 pounds; reached 153 pounds in 1946, and estimate for this year is 155 pounds. It is expected to drop in 1948.

Federal income tax returns of all farmers and others with incomes over \$7,000, Washington gossip is, are to be carefully scrutinized and checked by Internal Revenue Bureau field men. Smaller incomes are to be "spot-checked."



"Okay, everybody—battle stations!"

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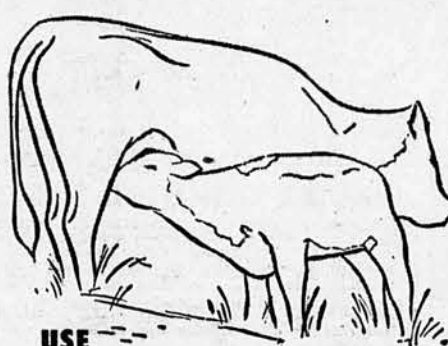
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Sired by Lo Thick Master and Super Spot Light (top boars coming to Kansas in '46). These are growthy, real red, very thick, deep, smooth bodied, great hams, low set, none better. Immured and guaranteed to please. See them or write us before buying your boar. Kansas' oldest herd. G. M. SHEPHERD, Lyons, Kan.

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Outstanding Duroc Boars and Gilts
Of March and April farrow. Choice individuals and popular breeding. Priced to sell.
Howard C. Tallaferro, Leon, Kansas

Supreme Quality Duroc Boars

Best of breeding, conformation and growth. Registered, shipped on approval. Come or write.
WILLIS HUSTON, Americus, Kansas

**Hartmans'
Poland Boar and
Gilt Sale**

at farm

Monday, November 3

A select offering of Elmo Valley Polands. None better bred and more hog for the money. The big smooth, quick maturing kind. All immured.

For catalog address:

J. J. HARTMAN & SON
Elmo, Kansas
Auctioneer: Harve Duncan

**Good Selection of
Poland Hogs**

Easy feeders, the deep mellow and meaty type. Proven bloodlines. Just over the line in Nebraska.

BAUER BROS., Gladstone, Nebr.

**Third Annual F. F. A. Hampshire
Boar and Gilt Sale**

Seneca Sale Barn

Seneca, Kansas, October 31, 1 o'clock

20
B
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30
G
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Featuring Get of
SENECA GLORY
\$400 son of Anxiety

5 STAR JR.
Son of 5 Star

Consignors Include

Victor Tangleman
Robert Bennett
Clarence Olberding
Seneca FFA
Haverkamp Bros.
Charles Martin
William Mathewson
Kenneth Mathewson
Max Keokenge

As an added attraction we are selling SENECA GLORY

Pleasant Valley A 327357
Anxiety 350973
Seneca Glory 372805

Auctioneer: Gene Toby

Evamine Prudence 777576
New Glory 271227
Century Rose 817880
Ideal Smooth Rose 746186

Jesse R. Johnson with Kansas Farmer

HAMPSHIRE BOARS

We are offering the top boars from our spring crop of pigs for sale now. Husky, well-doing boars, out of good litters. Sired by Mixer Mason, he by The Mixer, and by Winner Special DeLuxe, he by Good Winner. Vaccinated, registered, and guaranteed according to the Hampshire Code of Fair Practice. Your choice of this offering for \$100.

C. E. McCLURE
Republic, Kan.

HOGS**Spotted Poland Sale**

Selling good farmers type of
Spring Boars and Gilts

Wednesday, Oct. 29

at 1:00 P. M. at Kansas Free
Fairgrounds, in the 4-H Building

Topeka, Kansas

They are sired by Keller's Perfection litter mate to the good Fred Fuller boar. Thick Set, at Iowa Falls, Iowa. Also litters by Keller's Silver Chip, one of the last sons of the great Silver Chip, also a litter by Mitchell's Designer. The sows carry the breeding of Modern Fort, Keepsake, Silver King II, Silver Chip, Warren's Commander and Silver Ace. Write for catalog to

ROY G. KELLER, Berryton, Kan.
Ron Martin, Auctioneer

Spotted Poland Spring Boars

Various bloodlines. Weaning pigs. For a choice gilt bred to the Jr. Champion Boar at Hutchinson State Fair 1947 or a son of 1946 Grand Champion boar, get your name on the line. Have a lot of new blood for old customers. Registered and immured.

EARL & EVERETT FIESER
Norwich, Kansas

**KONKEL'S SPOTTED
POLANDS LEAD**

For Sale—Fall boars and gilts, also choice spring pigs, featuring a litter out of a sow sired by Grand View Supreme, the \$1,400 boar. Litter by Advance.

DALE KONKEL & SONS, Haviland, Kan.

REG. SPOTTED POLANDS

Spring Boars and Gilts. Visit or write Sunnybrook Farm for prices and description. All hogs double immune.

H. E. HOLLIDAY, Richland, Shawnee Co., Kan.

WELLER'S CHOICE SPOTS

Extra quality registered spring boars and gilts sired by two great boars, Kansas Pete and Weller's King. Visit farm. Priced to suit buyer.

W. F. WELLER, Dunlap, Kansas

Bergstens' Improved Hampshires

Now offering outstanding spring boars, ready for service. Immured and registered. New breeding for old customers. Reserving our open gilts for our February bred gilt sale.

R. E. BERGSTEN & SONS
Randolph, Kansas

**ETHYLEDAL
FARM**

Herd Sires
BRIGHT GLORY
SPOTLIGHT SUPREME
SPOTLIGHT JR.

PRODUCTION Spring boars and gilts, ready for new homes.
HAMPSHIRES Dale School, Emporia, Kan.

YORKSHIRE HOGS

The lean-meat, post-war breed. Bred gilts, unrelated pigs. Write for illustrated circular.
Yalchurst Yorkshire Farms, Peoria, Illinois

REGISTERED MINNESOTA BOAR
One No. 1 boar. A good one. 150 spring shoats to prove it. The bacon type that packers like. From Dr. Winters herd. Call or write Joel C. Lusk, Highland, Kan. Ph. 3911 Highland, Kan.

HOGS**Kansas OIC Swine
Breeders' Association
Show and Sale**

Livestock Pavilion, State Fair Grounds

Hutchinson, Kan., Oct. 29

30 Open Gilts—15 Spring Boars
A "Cream of the Crop" Sale

For catalog write—

VERNON ZIMMERMAN
Secretary-Treasurer, Inman, Kan.

WHITE STAR FARM

Chester White spring boars, Champion bloodlines
JULIUS PETRACEK & SONS, Oberlin, Kan.

HORSES - JACKS**FOR SALE**

Young team to Sorrel Belgian mares broke and in foot to sorrel jack.

NATHAN KUNTZ, Rt. 1, Abilene, Kansas

• AUCTIONEERS •**Registered Livestock
AUCTIONEER**

W. H. "Bill" Heldenbrand
"Busiest Where Best Known"
P. O. Box 516
OKLAHOMA CITY

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Your Auctioneer
Purebred Livestock, Farm Sales,
Real Estate. A World War Veteran.
Your business appreciated.
Phone, wire or write.
BELOIT, KANSAS

**BERT POWELL**

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



Willis A. Darg, Auctioneer
Purebred livestock, real estate and farm sales. Available for ring work.
Bennington, Kansas

Frank C. Mills, Auctioneer
Alden, Kansas

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

**SAVE! Cut Your
Feeding Costs in Half**

Grind Your Own Grains
and Roughages with



Watch your cattle,
hogs and poultry do
better on ground feed!

You'll get faster gains — more milk and eggs — and save feed. That's why the Fords Hammermill quickly pays for itself, and will earn extra income for you.

The Fords mill is made to grind faster and last longer. Any farm tractor powers it. Patented adjustable hopper plate makes hay and roughage grinding easier. Never-break, reversible hammers protect the mill and protect you. Tapered roller bearings. No cutters to sharpen — no chains or augers to get out of order. Quick-change screens. Mill is all steel, welded, dust tight. Built heavier and stronger — costs a little more but lasts years longer. Costs less in the long run — fewer repairs. A leader for 18 years — thousands in use. PROMPT DELIVERY. Write for folder, prices and name of nearest dealer.

MYERS-SHERMAN CO. 1506 12th St. Streator, Ill.

Dual-Purpose CATTLE**Consigned to**

Kansas State Milking
Shorthorn Sale

Retnuh Butterclay Dobin QM
2200666, calved Sept. 13, '43

Here is the chance of a lifetime. This good young bull is the son of Royal Robin, the highest increase producing proven Milking Shorthorn bull to date. He increased 5 daughters production 3,182 lbs. milk and 116 lbs. butterfat. The 5 daughters averaged 10,842 lbs. milk and 420 lbs. butterfat.

These are half sisters to Retnuh Butterclay Dobin.

All students of breeding strongly recommended the use of sons of proven sires. If you want to improve your herd be at the state sale to bid on this bull.

Also offering bulls up to serviceable age from R.M. and classified dams.

H. R. LUCAS & SONS
Macksville, Kansas

**Milking Shorthorn Sale
South Hutchinson, Kan.**

Central Sales Barn

Saturday, October 25

41 Head of well bred cattle, good enough to start or improve your herd. Get a catalog; get to the sale; get your choice.

14 Cows; 8 Bred Heifers, 5 Open Heifers, 2 mature bulls, 3 yearlings, 5 more over 10 months, 3 calves. Nine of bulls out of Record of Merit cows.

Reno Co. Milking Shorthorn Soc.
Harry H. Reeves, Sale Mgr.
Hutchinson, Kansas

**McPherson, Rice County
MILKING SHORTHORN
BREEDERS' SALE**

McPherson, Kan., Nov. 13

40 HEAD—25 Females—15 Bulls

This is our 4th annual sale of selected, horned and polled Milking Shorthorns. This sale will again give the average farmer an opportunity to buy his herd bull that is backed by good production to improve his herd. The offering will also include cows, bred heifers and open heifers. Many of these heifers will make good 4-H projects.

For catalog write
C. O. HEIDEBRECHT, Sec., Inman, Kan.
Auct.: Gus Heidebrecht

Red Polled Bulls and Cows

Of serviceable age for sale. Also some spring calves and a few cows. Inquire of
W. E. ROSS & SON, Smith Center, Kansas

November 1
Will Be Our Next Issue

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

Saturday, October 25

46 Kansas Breeders Make the State Sale Possible

By Sending 75 Head of Tops Selected by the State Sale Committee to the

5th Annual State Holstein Sale

Abilene, Kansas, Monday, October 27

65 Females, Bred Heifers, Open Heifers. 60 completed records on the dams of females consigned average 486 lbs. fat 2 X actual. Many of them 2-year-old records.

10 Young Herd Sires, selected for their type and production background. The average classification score on their dams, -85.4. The average records on their dams 576.5 fat all 2 X records.

15 Heifer Calves, in a special 4-H and Vocational Ag sale for Kansas boys and girls only at 11 o'clock the morning of October 27.

THE CONSIGNORS—

Paul L. Fickel, Earleton
K. W. Phillips & Sons, Manhattan
Martin C. Ohlde, Linn
Oscar A. Ohlde, Palmer
Martin Blanke, Bremen
Moberly Bros., Ames
George F. Meeller, Hanover
L. B. Strahm, Sabetha
Rottinhaus & Draney, Seneca
Harvey Bechtelheimer, Sabetha
Torkelson Bros., Everest
Ambrose Koelzer, Seneca
Mrs. H. D. Burger & Son, Sabetha
H. A. Meier, Abilene
St. Joseph's Home, Abilene
Mott & Kandt, Herington
Schneider Bros., Salina
C. P. Regier, Peabody
Clarence B. Quinn, Bennington
Theodore Buhler, Assaria
R. L. Evans & Son, Hutchinson
A. F. Miller, Haven
Samuel A. Miller, Hutchinson

Anell L. Thode, Sterling
Donald Bircher, Ellsworth
Rolland Bircher, Ellsworth
W. G. Bircher, Ellsworth
C. E. Ellrich, Ellsworth
Harry Ellrich, Ellsworth
Ernest A. Reed & Sons, Lyons
Grover G. Meyer & Sons, Basehor
L. J. Theno, Bonner Springs
Harlan Phillips, Dennison
E. S. Stephenson, Derby
E. B. Regier, Whitewater
Jake Zarnowski, Newton
Quentin Kubin, McPherson
Heersche Bros., Mulvane
Earl A. Boyle, Belle Plaine
Wallace J. Beckner, Belle Plaine
Geo. E. and Dwight Stone, Sharon
Leo H. Hostetler, Harper
C. L. E. Edwards, Topeka
J. M. White, Topeka
Eugene Smith, Topeka
Leo F. Fickel, Thayer
Raymond Bollman, Edna

Bring a crowd along to this breed promotion event.

A Sale Sponsored by the KANSAS HOLSTEIN-FRIESIAN ASSOCIATION
Sale committee: John Heersche, Mulvane, Chm.; Harrison Meier, Abilene; Geo. Stone, Sharon
For Catalogs Write—T. HOBART McVAY, Secy., Holstein-Friesian Assn. of Kansas
The annual get together and banquet the evening of the 26th

Kansas Shorthorn and Polled Shorthorn Breeders Sale

KANSAS STATE FAIR GROUNDS

Hutchinson, Kan., November 17 and 18

Polled Cattle Show and Sale 17th — Horned Show and Sale 18th

Judging at 9 A. M. — Sale at 12:30 P. M.

POLLED SHORTHORNS — 23 BULLS — 25 FEMALES

J. C. Banbury, Plevna
Wayne C. Beldt, Raymond
Booker & Petterson, Beloit
H. E. Eshelman, Sedgwick
Earl J. Fieser, Norwich
Emerson S. Good, Barnard
James S. Henry, Stafford

Clyde W. Miller, Mahaska
W. A. Rosenberger, Greensburg
W. E. Oliver, Cheney
John E. Reece, Langdon
Roy R. Rutledge, Woodward, Okla.
Arthur Tonn, Haven
Cecil Unruh, Greensburg
Love & Love, Partridge

SHORTHORNS — 29 BULLS — 51 HEIFERS

R. L. Bach, Larned
Arthur Bloomer, Lancaster
Earle Clemmens, Walden
R. M. Collier & Son, Alta Vista
C. M. Cummings, Kingdawn
Glenn Galliard, Larned
W. V. Harshman, Clements
Walter A. Hunt, Arkansas City
Kansas State College, Manhattan
Edd E. Markee, Peabody
Rodney H. McCallum, Cottonwood Falls
McIlrath Bros., Kingman

Mr. & Mrs. Webster G. Olsen, Clements
Hans Regier, Whitewater
Ralph Schulte, Little River
H. H. Spengler, Winfield
E. L. Stunkel, Peck
William E. Thorne, Lancaster
Richard E. Tindell, Burlingame
Tomson Brothers, Wakarusa
L. C. Watts & Son, Cassoday
Geo. J. Wetts, Andale
W. A. Young & Son, Clearwater

For Information—LOT F. TAYLOR, Manhattan, Sale Manager
Jack Halsey, Auctioneer Mike Wilson for Kansas Farmer

Our Consignment Tri-State Brown Swiss

Topeka Kan., Sale Wednesday, Oct. 22

Two bred heifers, sired by a grandson of Illini Nellie, the World Champion producer. The open heifer, Silver Creek Helen's Rose 165828, is out of our great reproducing cow, June's Helen of Silver Creek, with 670 lbs. fat in 365 days 2 times milking. She was sired by Hensel's Rex D, a son of Hensel's Donna Mae, with a R.O.P. record of 852 lbs. fat in 365 days. We also offer at private sale on the farm an outstanding bull calf from a dam that produced 605 lbs. fat in 305 days, twice-a-day-milking.

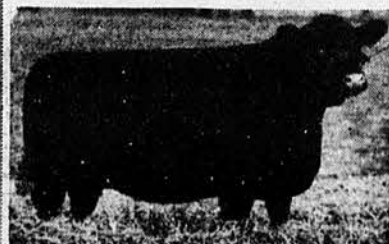
SILVER CREEK BROWN SWISS FARM

Henry Duwe & Sons, Freeport, Kan.

O'BRYAN RANCH, Hiattville, Kan.

Sell Hampshires, Saturday, Oct. 25

100 Open Gilts—25 Spring Bows—Several Bred Gilts
These are barrow champion winner type. The production tested registered Hampshire you like so well is produced here. Come see us or write for sale catalog. Hiattville is 40 miles southeast of Iola, Kansas.



BANBURY'S Polled (Hornless) Shorthorns

Cherry Hill Hallmark sired by the \$5,700 Gosshall Zimenes and bred by Oakwood Farm, Ashville, Ohio. (his dam was good enough for Cherry Hill Farms to own) and Red Coronet 2nd sired by the International Champion and bred by the Thiemans, Concordia, Mo., are producing the most perfect calves in the history of the herd (established 1907).

Young males and females for sale. Three head a specialty. Calhoun vaccinated. Deliver in Kansas at cost. Thursdays are special sale day at the farm, 22 miles west and 6 miles south of Hutchinson.

QUEEN OF HEARTS 2nd X.

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

After the State Sale Bring a Crowd Along to

The Central Kansas Holstein Breeders Fall Consignement Sale

Hutchinson, Monday, Nov. 10

Kansas State Fair Grounds



75 Head of Registered Holsteins, Many Fresh Cows, 10 Young Herd Sires. A top consignment of good cattle, good records, good breeding from the following breeders—

The Security Benefit Association, Topeka

Carl Dauber, Bunker Hill
David Hammecke, Ellinwood
Frank Finkelstein, Hutchinson
Grover Meyer, Basehor
Jake Zarnowski, Newton
C. P. Regier, Peabody

E. S. Stephenson, Wichita
Dale Kubin, McPherson
Quentin Kubin, McPherson
Abe Thut, Clearwater
Otto Domann, Hope
W. H. Mott, Herington
A. M. Davis, Hutchinson
Cliff Beckwith, Leavenworth

Arnold Funk, Hillsboro

Catalogs out the last of October. Write for yours now to—

T. Hobart McVay, Nickerson, Kan., Sale Manager

Watch November 1 issue of Kansas Farmer, for more details.

Milking Shorthorn Dispersion Sale

Thursday, Oct. 30

ONAGA, KANSAS. On the Stallard Farm 3½ Miles Southwest of Onaga, 18 Miles North of U. S. 40 on Gravel Road

70 HEAD



18 Males, two weeks to one year old, including two herd bulls. M. R. Duke QM 2228793, a roan grandson of Duallyn President. Hilltop King QM 2262397.

50 Females—10 with calves at foot, remainder bred and open heifers. All females calhoun vaccinated. Entire offering sired by above sires. Cows good enough to make R. M. if put on test.

Also 30 Duroc popular bred gilts and a new Surge milker, 2 units.

STALLARD & BALLENTINE, Onaga, Kansas

Auctioneer: Harold Tonn

Jesse R. Johnson with Kansas Farmer

KANSAS MILKING SHORTHORN SALE

State Fair Grounds

Hutchinson, Kansas — Monday, October 27

40 FEMALES — Horned and Polled — 6 BULLS

The best offering ever consigned by Kansas breeders. This sale offers an unusual opportunity for establishing new herds and adding to your established herd of the best dual-purpose breed in the world. This is the Farmers' Breed.

The offering includes cows with high production records, bred and open heifers, and bulls of herd-heading quality out of RM dams. The 4-H boy or girl will find heifers in this sale for a project that will be profitable. Start right and you won't have to start over again—attend this sale. Sale will start promptly at 1:00 P. M.

Sale Headquarters—American Legion Bisonte Hotel. Breeders banquet will be held at the same hotel October 26 at 7:00 P. M. You are invited.

For catalog and information, write

Kansas Milking Shorthorn Society, C. O. Heidebrecht, Sec., Inman, Kan.

Auctioneers: Burritt Allen, Gus Heidebrecht, Art McAnarney

RETNUH FARMS POLLED MILKING SHORTHORNS

We are consigning three (3) grand females to the following sales: In our Kansas State Milking Shorthorn Sale to be held October 27 at State Fair Grounds in Hutchinson.

1 Retnuh Herione 6th QMX, red, R M 6-year-old cow, classified Very Good, now in milk and due to freshen again January 10 to the service of Retnuh Batchelder's Duke QMX, dark red polled herd sire, classified Very Good. Will offer to contract calf day of sale.

2 Retnuh Red Pansy 3rd QMX, red, little white, 26 months of age.
Dam: Retnuh Red Pansy MX, an R M Cow with a grand big white udder. She classified Good Plus as a young cow.

Sire: Maplewood Commander 2d QMX, big dark roan, R M bull from Indiana. He classified Good Plus as a 2 year old.

This heifer is a heavy springer due to freshen about November 25 to service of Batchelder's Duke.

3 This grand young 3-year-old cow, Retnuh Red Pansy 2nd QMX goes into the Colorado State Sale, October 29 to be held at Fair Grounds in Pueblo.

Sire: Meadowbrook Monarch QMX, dark red, has 11 R M daughters to date and he classified Very Good.

This young cow classified Good Plus and is due to freshen November 10 by Batchelder's Duke.

We are also offering a few young polled bulls at the farm. They are of good type out of classified dam and sire and reasonably priced. Also, wanted a single man for general farm work to start at once. Write or visit

DWIGHT ALEXANDER, RETNUH FARMS, Geneseo, Kansas

Dual-Purpose CATTLE**80 MILKING SHORTHORNS****Sell at Auction**

In the new pavilion of the Omaha Purebred Sales Co., 30th & L St.,

Omaha, Nebraska

Thursday, October 30

This is the annual fall breeders show and sale of Registered Milking Shorthorns and a few Polls.

80 HEAD ARE CATALOGED

Roy B. Morrison, Lyons, Neb., is closing out his good herd of 25 head. Other consignors are Ralph Nichols & Sons, Atlantic, Iowa; Geo. Julius, Dunbar, Neb.; Roscoe Olden, Renwick, Iowa; Gordon Gatzemeyer, Bancroft, Neb.; Chris Thompson, Audubon, Iowa; F. E. Hawick & Sons, MacGregor, Iowa; W. Wilhelm, Elliott, Iowa; Sam Bengston, Essex, Iowa; A. Breining, Botne, Iowa; Gerhard Tammen, Gilmore City, Iowa; Henry H. Gerdes, Gilmore City, Iowa; A. C. Wiese, Manson, Iowa; Max Grossnickle, Laurens, Iowa; Howard Holmes, Omaha, Neb.; W. D. Morrison, Clearwater, Neb.; and Glen Hillman, Dana, Iowa.

These good Milking Shorthorn breeders have been generous in allowing us to select a variety of ages from club calves up to mature producing and breeding animals of merit for this show and sale. 30 head of fresh or springer cows and heifers with size and good breeding. Some outstanding young bulls and open and bred heifers. Two tried bulls of high value and a number of baby heifer and bull calves selling away from their dams.

Write today for a catalog of this sale. Plan to attend. All health and registration papers will be furnished promptly. Judging and classifying of sale cattle at 10:30 A. M. by Walter Kruse. Sale starts promptly at 1:00 P. M.

Write for catalog to
H. C. McKELVIE, Sale Mgr.
Stock Yards Sta., Omaha 7, Neb.
Auct.: Col. Burritt S. Allen, Ravenna, Ohio
W. J. Hardy, representing the MSH Assn.
Jesse R. Johnson with Kansas Farmer

National Milking Shorthorn Show and Sale

A strong feature of the American Royal Show at

Kansas City, Mo.

October 22-23

The Best from all over United States. Unusual opportunity for establishing herds of the best dual-purpose breed in the world.

Write for catalog to
American Milking Shorthorn Society
809 Exchange Ave. Dept. KF-53
Chicago 9, Illinois

DUALYNN MILKING SHORTHORNS
Bull calves, including one of serviceable age, for sale. Bulls from Duallyn now head some of the most noted Eastern herds. Home of two National Champion cows—each the product of several generations of Duallyn breeding.
JOHN B. GAGE, Eudora, Kansas

Dairy CATTLE**Our Consignment to the KANSAS STATE HOLSTEIN SALE**

Abilene, Kan. — Oct. 27

Collins Farm Burke Queen, a double great-granddaughter of Wisconsin Admiral Burke Lad, that great type and production improver. Her dam has at two years in 279 days 13,147 lbs. milk and 474.9 fat (incomplete).

Queen is a real foundation prospect.

HARVEY BECHTELHEIMER
Sabetha, Kansas

GUERNSEY HEIFER SALE

Monday, November 10

Fair Barn

50 Guernsey Heifers

About one-half registered, the others grades. Mostly close up Springers. A few 4-H Club Heifers. Some nice registered yearling bulls. Will be shown at the sale for private sale. Write for catalog to W. L. Schultz, Mgr., Hillsboro, Tb. and Bang's tested. Boyd Newcomb, Auctioneer.

Dairy Cattle Wanted

Holsteins or Guernseys

Heavy springer, first and second calf heifers. Car or truck loads. Tested. Production Manager, P. O. Box 1560, Lubbock, Texas.

**Plain View Farms
Polled Herefords
at Auction**

Enterprise, Kan., Nov. 14

10 Bulls-35 Females

8 sons of the Champion PVF Advance Worth 2nd, 1 by Real Plato Domino, 1 by M. P. Domino 92. 15 daughters of PVF Advance Worth 2nd, 20 by PVF Worthmore B. D. and Don Worthmore.



The 1942 and 1943 National Grand Champion Polled Hereford Bull. November 14th is your opportunity to own 8 sons and 15 daughters of this great sire.

**Jesse Riffel & Sons
Enterprise, Kansas**

Charles Corkle, Auctioneer

Mike Wilson, Kansas Farmer

Introducing**Weber Burke Hazelwooder**

Classified Excellent

This son of Wisconsin Admiral Burke Lad (Gold Medal Sire) from a daughter of Wisconsin Pinky is now in service in our 2 herds. He is being mated with the daughters of Sir Bess Tidy and a group of our Clyde Hill bred females.

Artificial Insemination Available, \$50 per Cow

E. A. DAWDY, Salina, Kansas

**Fifth Kansas Jersey Cattle Club
State Sale**

Fair Grounds

Tuesday, November 4 — Hutchinson, Kan.

This should be the best State Sale ever held in Kansas. The safest place to buy cattle at auction. 50 Head of Carefully Selected:

**YOUNG COWS
BRED HEIFERS
OPEN HEIFERS**

Prospects for 4-H Work
YOUNG CALVES

To be for sale to boys and girls only

A selected offering from leading Kansas herds. The quality of cattle that cannot be purchased at private treaty. Picked from the best herds in the State of Kansas by A.J.C.C. Fieldman, W. J. Keegan and a committee of Kansas breeders.

For catalogs write:

RAY SMITH, Sec. Kansas Jersey Cattle Club, Rt. 2, Hutchinson, Kan.

Auctioneer: Bert Powell

REG. BROWN SWISS BULL

Two years old, gentle and sure breeder. His dam gave 5 gallons a day, which tested 6% fat.
ARCHIE WILLARD, Pretty Prairie, Kansas

REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type. Popular Bloodlines.
Ransom Farm, Homewood (Franklin Co.), Kan.

Dairy CATTLE**REG. JERSEY AUCTION**

45 Head from the Herd of Gamsjager Dairy, Newkirk, Okla. Sale at farm at Southwest edge of town. 12:30 P. M.

Saturday, November 8

Of the Nationally recognized High-Producing **RANDLEIGH FARM BREEDING**

12 Cows—mostly granddaughters of a Gold and Silver Medal Tested Sire—27 daughters average 481 lbs. fat (2x-305 day basis).
35 Heifers—Springing heifers down to Heifer Calves. Many are from Register of Merit Cows now on test.

1 Bull—Randleigh Farm Progress 415198—a 8-year-old son of a Gold and Silver Medal Sire, out of a Gold and Silver Medal Cow with a record of 770.22 lbs. fat.

Free to 4-H and F.F.A. Members—A Heifer Calf will be given to the 4-H Club boy or girl or F.F.A. boy which is the holder of the lucky number. Come to the sale and get your number. All Tb. and Bang's tested.

For catalog write

IVAN N. GATES, Sale Mgr.
West Liberty, Iowa
Auct. W. H. Heldenbrand, Okla. City, Okla.

ROTHERWOOD OFFERS

The kind of Jersey foundation stock, which brings breeders from all over the United States to Kansas to buy, even from South Africa. Rotherwood wants Kansas farmers to have the best. Come to Rotherwood and look over this herd of Jerseys.

ROTHERWOOD—Land of Oz
A. Lewis Oswald — John C. Oswald
Hutchinson, Kansas

Jersey Cows and Bulls

6 Registered Jersey Cows, 3 and 4 years old, fresh in 10 days. 8 registered Jersey yearlings, 3 registered Jersey bulls, one ready for service.

MARVIN ARTMAN, Holton, Kansas
2 1/2 miles east on U. S. Hwy. 16. Phone 6311

REGISTERED JERSEY BULL CALVES
From tested sires and dams that are classified "Very Good" with production records over 400 pounds butterfat. Write for price and description. **H. R. McDANIEL, R. 1, Carthage, Mo.**

**HOLSTEIN HERD
DISPERSAL**

At the farm 1 1/2 miles south of Wichita, Kan. on U.S. Highway 81.

**Tuesday
October 21**

Selling 110 Head.

A select offering of producing cows, several heavy springers, and bred and open heifers.

Tb. and Bang's tested. All heifers officially calfhood vaccinated. Also selling I.H.C. cooler, 3-unit Surge Milker, and complete line of dairy farm equipment.

F. L. WATSON
Peck, Kansas Phone 2903

**Two Holstein Bulls
for Sale**

Born October 4 - October 9, 1946

Sired by Carnation Madcap Marshall, whose dam produced as a 5-year-old 29,245 lbs. milk and 1,036.3 lbs. fat in 365 days. She had 4 A. R. daughters that made from 1,046 to 1,392 lbs. fat.

Dams—a "Very Good" Billy daughter and "Good Plus" granddaughter.

K. W. PHILLIPS & SONS
Manhattan, Kansas

WANTED

Entire small herd of Registered Holsteins—10 to 12 milking cows. Will buy with or without heifers.

E. A. DAWDY, Salina, Kansas

Smoky Valley Holsteins

Carnation Countryman in Service. Bull calves for sale.
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
REG. AYRSHIRE BULLS**

Calves to serviceable age, sired by a son of the approved Woodbury Sunny Tim and out of our "good plus" high producing cows, with records up to 392.6 fat and 10,000 lbs. milk (as a two-year-old) actual 2 x.

GEO. DUSENBURY
Corbin (Sumner County), Kansas

**Offering Grade
Guernsey Bred Heifers**

20 HEAD of choice ones. Large for age and in good condition. 14 of the will begin calving in March. A few others will calve in December.

FAT CHESTNUT
Denison, Kansas
Phone 8F55

Dairy CATTLE

Complete Dispersal of 70 Head of High Grade Holstein Cows and Heifers at Auction, October 22

30 Cows and Heifers from 2 to 7 years of age, milking or to be fresh soon, all Tb. and Bang's tested. 40 head of heifers ranging from baby calves up, all calfhood vaccinated. These cows are all heavy producers giving up to 80 lbs. per day. Sale at farm, 5 miles south of Ellinwood, Kansas.
Chester DeWitt & Harold DeWitt, Owners
Keenan and Richardson, Auctioneers

For Sale or Lease

Holstein Bulls from proven dams with lifetime records. Have leased over 100 bulls to Kansas breeders.

Security Benefit Association
Topeka, Kansas

Beef CATTLE

Dickinson County Hereford Breeders

SECOND ANNUAL FALL SALE

Fair Grounds in Eisenhower Park

Wednesday, Nov. 19

50 Head—(picked from 23 Horned and Polled herds.)

26 Bulls	—	24 Females
15 Horned		8 Horned
11 Polled		16 Polled

All selected by Sales Committee. Best of bloodlines and quality.

For catalog address—

V. E. McADAMS, Secretary
Abilene, Kansas
Auctioneer: Chas. Corkle

Our Consignment

to the N. C. K.

Concordia, November 4 Sale

our WHR herd bull, Princeps Domino 47th, son of WHR Princeps 46th, he a son of WHR Royal Domino 2nd. We also sell a choice senior bull calf. The herd bull is four years old and is only being sold because we are keeping his helpers.

LAWRENCE OLSON
Kackley, Kansas



For Sale YEARLING BULLS

Of good type that are well grown and ready to go to work. Sired by WHR Royal Tredway 18th and out of Prince Domino and Imperial Lamplighter dams. Priced reasonable. Visit our herd any time.

LEONARD HELD & SON
Great Bend, Kansas



We Are Consigning to the

November 4 Concordia Hereford Association Sale

Two very promising young serviceable-age bulls, sired by CK CRUISER D 10th by CK Challenger D 19th, the great sire that did so much for CK Ranch. These calves warrant your inspection. See them.

OLIVER G. NELSON & SONS
Leonardville, Kansas

Polled Hereford Bull Offered

Aster Domino 20th, 4 years old and registered. M. P. Domino breeding. A-1 quality.
J. A. MILLER, Quinter, Kansas

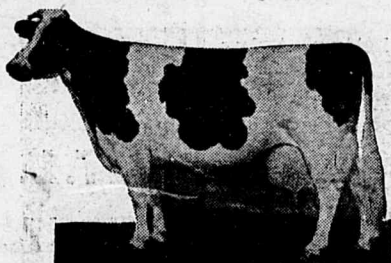
St. Joseph Home -- J. C. Mears Holstein Sale

Fairgrounds

Abilene, Kansas, Thursday, Nov. 6

70 Registered Holsteins

25 Cows, 15 Bred Heifers, 20 Open Heifers and 10 Bulls of serviceable age. Everything Tb. and Bang's tested within 30 days of sale. Buy a herd with production and classification records. Featuring milking daughters of Sir Bess Tidy, 731137, (Excellent).



Son of Sir Bess Ormsby Fobes 73rd

3 daughters of Clyde Hill Hengerveld Fobes selling. Son of the 808 lb. (Elsie) cow. Note: One of the first Tidy daughters to finish this year has in 320 days 12,399 lbs. milk, 471 lbs. fat, 3.7% test as a 2-year-old.

Selling All Kansas Junior Yearling Heifer of 1946. A Tidy daughter from a daughter of Colonel Posch.

St. Joseph Home Dairy is one of the oldest and most successful Holstein breeding establishments in Kansas. These animals represent 22 years of production testing and the herd has been classified five times. Mr. Mears purchased his foundation herd from St. Joseph Home several years ago. He is quitting the dairy business. For information and catalog write:

E. A. DAWDY, Sale Manager, Salina, Kan.

Powell & Wilson, Auctioneers

Jesse Johnson with Kansas Farmer

Kansas Aberdeen-Angus Breeders' Show and Sale

Hutchinson, Kansas, November 6

Fair Grounds — Show, 9:00 A. M. — Sale 12:30 P. M.



13 BULLS — 48 FEMALES

Consignors:

Big Oak Stock Farm, Cawker City
G. W. Caldwell, Harian
Clyde Collins, Sedgwick
Leslie Cooper, Bazaar
Harry Dannenberg, Gaylord
Lloyd Ericson, Marquette
Harold Gless & Son, Arnold
A. J. Gorges, Fall River
L. F. Gorges, Fall River
Hedstrom Farms, Burdick
Lock Hershberger, Little River
Harry Hill, Partridge
Enos Honeycutt, Blue Rapids

J. O. & Jim Honeycutt, Blue Rapids
Francis Kratzer, Geneseo
Joe J. McQuillan, Clearwater
Harry E. Peirce, Rt. 4, Hutchinson
Francis Perrier, Eureka
Ralph Poland, Junction City
Irl F. Ramage, Little River
Burdette Sand, McPherson
Phil Sterling, Canton
H. Nelson Simmons, Strong City
Simon Angus Farms, Madison
H. E. Thalmann & Son, Haven
Joe S. Vague, Bloomington

Judge: George Freeman

Auctioneer: Roy G. Johnston
Mike Wilson with Kansas Farmer

For Catalog:

HARRY E. PEIRCE, Sale Mgr.
Route 4, Hutchinson, Kansas
Jesse Cooper, Sec., McPherson, Kansas

KANSAS ABERDEEN-ANGUS BREEDERS' ASSN.

Beef CATTLE

Friday, October 31

Shorthorns at North
Central Kansas Breeders

Show and Sale

Beloit, Kansas

29 Bulls -- 31 Females

Cream of the Crop from 21 good herds. For catalog write—

EDWIN HEDSTROM, Secretary
Mankato, Kansas

Auctioneer: Bert Powell
Mike Wilson with Kansas Farmer

Mid-Kansas Big Shorthorn Sale and Show Friday, November 7



58 HEAD on display and sale. (Drawn from 28 great herds in Kansas.) Picked for type and bloodlines.

Show at 9 a.m. — Sale at 1 p.m.
Catalog waiting for you sale day.

Mervin F. Aegerter, Sale Manager
Seward, Nebraska

Aucts.: Bert Powell, Frank Mills
Mike and Jess with Kansas Farmer

We Are Consigning to the MID-KANSAS SALINA SHORTHORN SALE Friday, November 7

One cow of the Joan family and sired by the great breeding bull Glenburn Destiny. She has a choice red bull calf at foot and will be bred to Baron Harvester, a son of Maxwalton Harvester. I have for sale on the farm, my senior herd bull, Highland Archer. He is a fine show bull and a good breeder. Also, 4 bulls from 6 to 9 months old. See us at Salina on November 7.

EARLE E. STOFFER
Route 4 Abilene, Kan.

Consignment to Beloit Shorthorn Oct. 31 Sale

One good herd bull, Divide Star Duke. Keeping all of his helpers. He is a good son of Duke of Killeam.

Also his 13-months-old roan son. Deep low down and smooth. See us at Beloit.

ADAM DIETZ, Galatia, Kansas

See Our Hereford Consignment at the N.C.K. Concordia Sale Tuesday, November 4

Prince Mischief 5th
A tried and proven sire. At three years old produced a 100% calf crop. His calves are at the farm for inspection.

Prince Imperial
First prize winner, Washington County Fair at 17 months old. Large and strong headed.

L. A. LOHRENGEL
Washington, Kan.

BEEFMAKER BULLS

Are Breed Improving Aberdeen-Angus Bulls—Come see the proof—their calves. Herd Battery—Six bulls in use. The top Aberdeen-Angus bloodlines and definitely reproducing their own kind. Comparison is invited with any other cattle. The "Jingle" in your pocket will warm the heart. Use them and prosper. Inquire at C. E. REED, 414 East Central Ave., Wichita 6, Kansas. Telephones 68313 residence; farm 5-3868.

North Central Kansas Hereford Third Show and Sale

at old P W Camp

Concordia, Kan., Tuesday, November 4



63 HEAD—Selected from 28 leading herds. Registered and selling in proper condition to do the buyer the most good.

38 Bulls—Most of them of breeding age and with quality and breeding to improve commercial herds or head registered herds.

25 Females—Cows with calves, bred heifers and open heifers. A few Polled Herefords included in the sale.

Show at 9 a.m., Lot Taylor, Judge — Sale at 12:30, Guy Pettit, Auct.

For catalog address

NORTH CENTRAL KANSAS HEREFORD ASSN.

Dr. Geo. Wreath, Sale Manager, Belleville, Kan.

Mike Wilson with Kansas Farmer

Welsh Production Hereford Sale

Abilene, Kansas, Wednesday, October 29

At Eisenhower Park



Miss Triumph 22d—She Sells

Triumph With the Triumphs!

50 HEAD of highly bred Herefords with breeding to match, featuring the blood of P. Triumph Domino, WHR Triumph Domino 6th, Royal Triumph D. 14th, CK Onward Domino, C. K. Caballero 2nd.

18 BULLS, 12 to 18 months old

32 FEMALES, 14 bred heifers, many of them carrying the service of Dandy Domino 2nd, and a great lot of younger heifers. Among the attractions will be Miss Triumph 14th, Champion at the 1947 Hereford Association at Hutchinson, and Miss Triumph 20th, reserve champion at Concordia last spring.

For Catalog Write

T. L. WELSH, Owner, Abilene, Kan.

Auctioneer: Freddie Chandler

Mike Wilson and Jesse R. Johnson with Kansas Farmer

Private Dispersal Sale Registered Herefords



99 HEAD

2 Herd Bulls—M. C. Ruling Stardom 17th from Maple Crest Hereford Ranch, Iowa, and WHR Sufficiency J

45 Cows, 41 calves sired by above bulls. 7 two-year-old heifers. 4 yearling heifers.

Herd consists of best Domino breeding.

Farm located near Industry, 18 miles south of Clay Center and 18 north of Abilene, Kansas.

Illness makes this sale necessary.

GLENN I. GIBBS, Manchester, Kansas

ROY DILLARD FARM HEREFORD DISPERSAL SALE -- Saturday, December 6

89 LOTS — POLLED and HORNED (Mostly Polled)

52 Females, 30 mature cows (20 of them with calves at foot) 7 bred heifers and 15 younger heifers.

17 Bulls—two herd bulls and 15 young bulls.

Represented in the breeding are such sires as Dafae Mischief, Melvin Mischief, CK Creator, CK Cascade, CK Cadet, CK Challenger D 88th, Royal Dunday 7th (All outstanding sires).

This sale will be followed immediately by the dispersal of the Ed Polcyn herd of 40 head. Polcyn's address is Gorham, Kansas.

For catalog write **ROY E. DILLARD, Salina, Kansas**

Auctioneer: Charles Corkle

Mike Wilson with Kansas Farmer

Gideon's Heavy Reduction Hereford Sale THURSDAY, NOVEMBER 13

At Farm 2 miles west and 2 east of Emmett, Kansas. 9 miles north of St. Mary, Kansas. Emmett is on Highway 63.



60 Head—Selling the same quality and breeding that stays in the herd. An even division with buyers.

12 Bulls, 8 to 12 months old.

48 Females (20 bred). The offering features the service and breeding of our herd bulls.

DOMESTIC LAMPLIGHTER and ANXIETY MIXER

See next issue of Kansas Farmer

Write for catalog to

Domestic Lamplighter 46th 4326516

OSCAR GIDEON, Owner, Emmett, Kan.

Auct.: Charley Corkle

Mike and Jess with Kansas Farmer

Fourth Annual Harvey County Horned and Polled Hereford Sale

Also

Dispersal of Gilbert Hensley Herd of Burrton, Kansas



Newton, Kansas

Quonset Building, Fair Grounds

Monday, November 17

53 Head Top-Notch Herefords

12 Bulls — 41 Females

Col. Harold Tonn, Auctioneer

Consignors:

Phil Adrian, Moundridge

W. T. Dick, Burrton

K. W. Dillman, Hesston

Harold Gingrass, Sedgwick

Gilbert Hensley, Burrton

J. R. Overstreet, Newton

B. J. Steinkirchner, Newton

I. R. Weaver, Moundridge

I. R. Schmidt, Buhler

For Catalog, Write

Harold Gingrass, Secretary, Sedgwick, Kansas

Midwest Polled Hereford Breeders' Sale

Marysville, Kan., Monday, October 27

(At Breeding Sale Pavilion)

20 BULLS — 30 FEMALES

Picked from 12 leading herds.

A complete Dispersal of the Bernard Hart herd.

For Catalog Address

BERNARD HART, Blue Rapids, Kan.

Auctioneer: Freddie Chandler

Mike and Jess with Kansas Farmer

Plan to Attend the Carl Miller Hereford Sale the Day Following



Truman Richards Hereford Dispersion Sale

Lamar, Mo., Friday, Oct. 31—1 P. M.

1½ miles north and 1 mile west of Highway Junction 160 and 71 (Sale held in tent on gravel road. Come rain or shine.)

65 LOTS—97 HEAD—Quality Registered Herefords

TWO HERD BULLS—Prince Junior 34th, a grandson of The New Prince, and Double Mischief 3rd, a grandson of Beau Beauty.

75 well-bred Females, 17 Bull Calves, Cow and Calves, Bred Heifers, Open Heifers and a number of calves suitable for 4-H and F. F. A. Club work. An abundance of Prince Domino, Stanway, Prince Junior, Blanchard, and Hazlett breeding.

Cattle will sell in pasture condition—Good Foundation Herd Material. Plan to attend.

TRUMAN W. and MARY E. RICHARDS, Lamar, Mo.

For catalog or further information write—Donald J. Bowman, Sale Mgr., Hamilton, Mo.

Auctioneer: Col. Bill Hagel, Springfield, Mo.

Plan to attend the Missouri Hereford Sale Circuit: Oct. 25—Throckmorton; 27—Weber;

28—Farmington; 29—Edg. Cliff; 30—Ill. Mo.; 31—Richards; Nov. 1—Windsor-Davisdale.

Miller Hereford Reduction Sale

St. Marys, Kan., Rezac Sale Pavilion
Tuesday, October 28

70 HEAD — Registered Herefords of Quality

FEATURING—Bull No. 1, Real Onward 19th 3257892
Bull No. 2, Martha's Rupert 6th 3248171



- 22 Open Heifers
All sired by Bull No. 1.
- 25 Heifer Calves
Sired by Bull No. 1 and Bull No. 2.
- 15 Bull Calves
Sired by Bull No. 1.
- 4 Bull Calves
Sired by Bull No. 2.
- 8 Bred Heifers
Bred to Bull No. 1.

Several good club calf prospects.

- 2 Proven Herd Sires
Bull No. 1 and Bull No. 2.

Showing at 10 a.m. sale day,
Bull Calves, their dams, their
sire, Bull No. 1 and Bull No.
2—Come early and see this.

All Cattle Offered in Their Every Day Clothes

Write for catalog to

MILLER HEREFORDS, St. Marys, Kansas
CARL MILLER, Mgr.

Auctioneer: Freddie Chandler Jesse R. Johnson and Mike Wilson with Kansas Farmer

Plan to attend these Sales:

- Oct. 27—Midwest Polled Hereford Sale, Marysville, Kan.
- Oct. 28—Miller Hereford Sale, St. Marys, Kan.
- Oct. 29—T. L. Welsh Hereford Sale, Abilene, Kan.

Haven Herefords at Auction

SEVENTH ANNUAL SALE

Kansas State Fair Grounds

Hutchinson, Kan. -- Friday, October 31

1 P. M.

15 Bulls — 50 LOTS — 35 Females

Consignors:

Lawrence Chain, Haven
Orin Chain, Haven
Ralph Chain and Son, Haven
O. W. Fishburn and Son, Haven
Lloyd Harris, Haven
Asa Koontz, Haven

D. J. Krehbiel and Sons, Hutchinson
Harvey Krehbiel, Pretty Prairie
A. R. Schlickau and Sons, Haven
W. H. Schlickau, Haven
W. H. Tonn and Son, Haven
Henry Wiebe, Haven

HAVEN HEREFORD BREEDERS' ASSOCIATION

For catalog write — WARREN CHAIN, Haven, Kansas



Registered Aberdeen Angus At Auction

Mulvane, Kan., November 3, 1947

82 HEAD

36 COWS. 30 cows with calves at side, others will calve by sale day. 8 bred heifers, mated to a Reed Stock Farm Beef-maker Bull. 7 bulls. Herd sire, Burgess H. P. 11th., bred by Harry E. Pierce. 4 two-year-old bulls ready for heavy service. 2 yearling bulls.

For Catalog Write

ROBERT RICHARDSON, Mulvane, Kansas

ROY JOHNSTON, Auctioneer

MIKE WILSON, Kansas Farmer



Brethours' Reduction Hereford Sale

Marysville, Kan. — Saturday, Nov. 15



80 HEAD, the result of more than 30 years of culling and using the best bulls obtainable. Mostly of Domino descendants.

80 HEAD, selling in the best possible breeding form. Picked for quality from our large herd.

40 Females

6 Outstanding Mature Cows with calves at foot by sale day.
25 Extra Quality Heifers, bred to Royal Domino, son of the \$27,000 OJR Royal Domino 323858 and Royal Tredway 6th.
10 Top Yearling Heifers.

30 Bulls

In ages from 12 to 24 months (many real herd-bull prospects). The offering was sired by such sires as General Star 6th, Warrior Domino 43d and Advance Beauty 50th.

This offering is an example of what can be accomplished by an honest and intelligent effort over a period of nearly 40 years.—J. R. J.

For catalog address —

BRETHOUR BROS., Owners, Green (Clay County), Kan.

Auctioneer: Guy L. Pettit

Jesse R. Johnson and Mike Wilson with Kansas Farmer

Cowley County Hereford Association

FIRST ANNUAL SALE

(at Fair Grounds)

Winfield, Kansas

Monday,

November 10

Highway 77



40 HEAD, picked from 14 good herds of the association. Ages from 7 months to 5 years.

20 FEMALES (10 bred) to such sires as Bocaldo Tone E. 4th, WVHR Worthy Flash, OJR Jupiter Star 12th and WHR Jupiter Star.

20 SELECTED BULLS

For catalog write **CHAS. H. CLOUD, Winfield, Kan.**

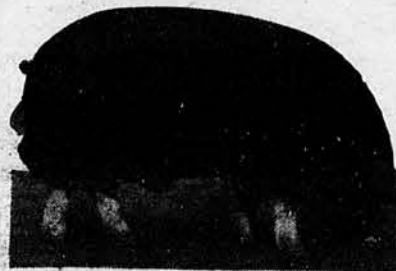
Auctioneer: W. H. Heldenbrand

Mike Wilson with Kansas Farmer

Poland China Hog Sale

Boars and Gilts

Saturday, Oct. 25



At the farm 3 miles south and 1 1/2 miles east of Scranton. 21 miles south of Topeka, then 1 mile west on all-weather road.

This offering includes sons and daughters of Mixers Buster, he was reserve champion at the Missouri State Fair and grand champion at the Kansas State Fair and he is sired by the double grand champion Sod Buster. He is also the sire of many of our first prize winners at last fall fairs. Also sons and daughters of Challengers Best, one of the greatest breeding boars that has ever been used in this herd. We will also have new blood for our old customers. For catalog address

C. R. Rowe & Son, Scranton, Kan.



Kansas Farm Families Proudly Greet *New Electric Servants*



THERE'S a treat in store for every member of the family when your gleaming new electric range arrives! There'll be no more hours of drudgery when you have clean, electric cookery. You can quickly prepare delicious meals . . . meals your entire family will enjoy and praise. Yes, it's easier . . . faster to prepare nutritious food with the help of Reddy Kilowatt on an automatic electric range. Even the youngest of Mother's busy-fingered helpers will be absolutely

safe using a dependable electric range.

Electric cookery is one of the countless conveniences available to thousands of Kansas farm families served by the privately-owned companies listed below. Many more miles of dependable highlines are being built by these companies to bring electricity to still more Kansas farms. Now is the time to electrify for modern living. Ask your dealer about the new appliances now becoming available.

A TIMELY MESSAGE FROM THE

ELECTRIC COMPANIES OF KANSAS
PIONEERS IN RURAL ELECTRIFICATION

CENTRAL KANSAS POWER CO.
EASTERN KANSAS UTILITIES, INC.
EMPIRE DISTRICT ELECTRIC CO.
THE INLAND UTILITIES COMPANY

KANSAS CITY POWER & LIGHT
COMPANY
THE KANSAS ELECTRIC POWER
COMPANY
KANSAS GAS AND ELECTRIC CO.

THE KANSAS POWER AND LIGHT
COMPANY
WESTERN LIGHT & TELEPHONE
COMPANY, INC.

*All Electric
Service
is worth
waiting
for!*