

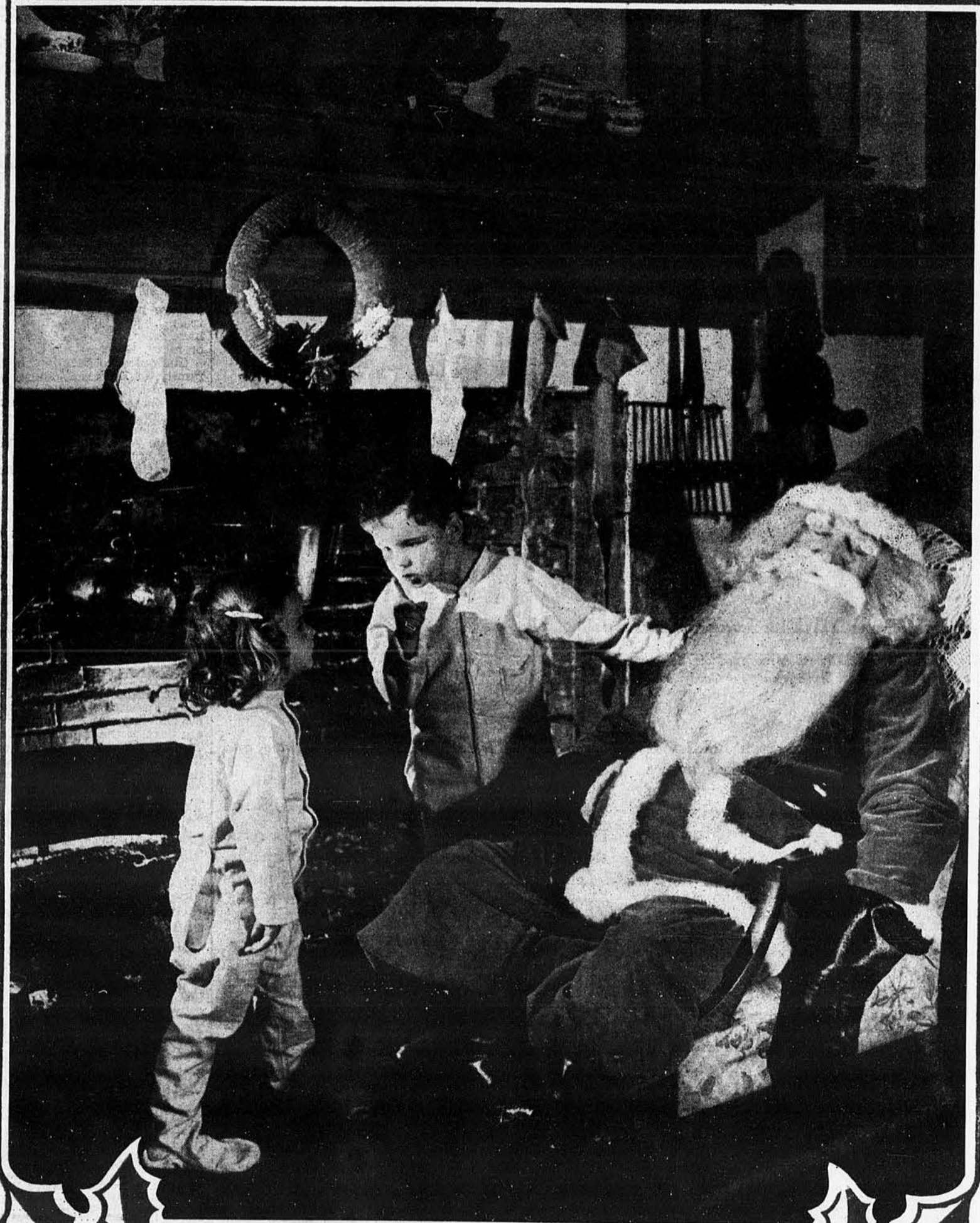
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KANSAS FARMER

CONTINUING MAIL & BREEZE

DECEMBER 15, 1945

DEC 17 1945
MANHATTAN



Sh-h-h!

Present tires wearing smooth? Have them recapped with this powerhouse Sure-Grip tread — available from your Goodyear dealer.

At the contour plowing match held near Grimes in October, veteran farmer Clarence Robuck was crowned Champion Plowman of Central Iowa. The test field was covered with a heavy stand of alfalfa 8 to 10 inches high, and scoring was based on uniformity of furrow, contour adherence, waterway and land end, furrow conformation, trash coverage, and opening and closing furrow. Says district champion Robuck:

"The Goodyear open center Sure-Grip tires on my tractor were a great help in winning the championship. They pulled better and truer, and slipped less than other type tires in the match.

"Last spring my neighbor and I were plowing in the same field and he had difficulty going through wet spots with his closed-bar tires. I'd finish 5 rounds to his 4. There's no doubt whatsoever that open center Sure-Grips give more traction, pull

better and slip less. They're self-cleaning, too, and don't pack up with mud."

Runner-up Scores on SURE-GRIPS, Too!

Runner-up in the same contest was Laverne Rector. Working his Goodyear-equipped tractor, he got the same kind of super-traction from his open center Sure-Grips, finds they clean better, pull better and slip less than the other type tires on his other tractor.

These facts, straight from practical, hard-working farmers, confirm what impartial farm experts have proved—that Goodyear Sure-Grips with self-cleaning open center tread pull better, slip less, do up to 22% more work with less time and fuel consumed. Why not get this greater traction and economy yourself by changing to Goodyear Sure-Grips?

Sure-Grip—T.M. The Goodyear Tire & Rubber Company

GOOD YEAR

Sure-Grip Tractor Tires

Remove the Penalty

Dear Editor—Answering your suggestion in Kansas Farmer for ideas on how to conduct a face-lifting program on Kansas farms, I am submitting my idea.

In the first place, there is no argument about the need. A drive over the countryside will remove all doubt about the need if there is any. I believe if the penalty for improving our farms was removed, there are a great number of farmers and landlords who would be willing to spend some money and effort along this line. At present, whenever new buildings are built or the old ones repaired and painted, up goes the assessed valuation which means the penalty goes on in the form of higher taxes. I know landlords who say that their land has as high a rental value unimproved as with a set of good buildings, who have removed buildings and rent the land to someone living on other farms.

As long as we follow our present system of penalizing a farmer for his improvement, we are holding back any move to make our farmsteads more attractive and useful.—G. F. Jones, Wakarusa, Shawnee county.

Stuck to the Farm

When Jake Mohler started out to look for a family that had occupied the same farm for at least 75 years, he really started something. The genial secretary of the State Board of Agriculture has been swamped with entries. At least 150 families in the state have occupied their farms for 75 years or more.

Champion to date is the Todhunter family, of Douglas county, which has a record of 92 years on the same farm. Present occupant is George L. McCarty, son of an orphaned niece of the Todhunters. Eleven families fell just one year short of the Todhunters, having homesteaded in 1854, and having continuously occupied their farms for 91 years.

Close Plants

Because the Government claims it costs more to make synthetic rubber from grain-produced alcohol than from oil, officials have announced plants valued at \$117,000,000 will be closed.

Cost of producing butadiene from grain alcohol was said to be about 40 cents a pound, compared with 8 to 10 cents a pound from petroleum.

Like the West

Returning World War II veterans using Federal loans to purchase farms are showing a preference for the western part of the state, it is announced. Twenty-six veterans have purchased Kansas farms since July, with most of them choosing the western area.

To Save Lives

American food will be taken into Germany to prevent mass starvation, it is announced by Lieut. Gen. Lucius D. Clay. But Germany must pay for the food when its economy has been restored sufficiently.

Senator Capper on Radio

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

KANSAS FARMER

Continuing Mail & Breeze

Topeka, Kansas

Vol. 82, No. 24

ARTHUR CAPPER Publisher

H. S. BLAKE General Manager

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Florence McKinney Women's Editor

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Five years, \$1; one year, 25 cents.

DEC 17 1945



"Always figured my farm was pretty level,"
said Gene Buck

"But your land can pitch you a curve,"
said the County Agent

● Gene Buck farms about 100 acres of land that looks as flat as a barn floor.

So he was kind of surprised three years ago when a gully started showing up in one of his best fields. By the end of the summer, it was so deep that he couldn't get over it with the tractor rig.

That fall Gene was busy cutting brush and throwing it into the ditch when the County Agricultural Agent came by.

"Sure, brush will help catch the topsoil," the County Agent said. "But I believe a better way to

stop gullies is to keep the topsoil from ever starting to wash. A good many farmers around here are saving topsoil and getting bigger crops by farming around the slopes."

"Never thought till now that I had any slopes on this farm," Gene said.

The County Agent asked Gene Buck to go with him on a soil-conservation trip around the county to see what contour farming was doing for other farmers in level sections.

After that trip, Gene quit plowing his land as if it were flat. With a little help from the County Agent, he staked out the contours of his fields, made terraces with his turning plow. And he has followed those contours in plowing, planting, and cultivating ever since.

After farming around the slopes for two dry sum-

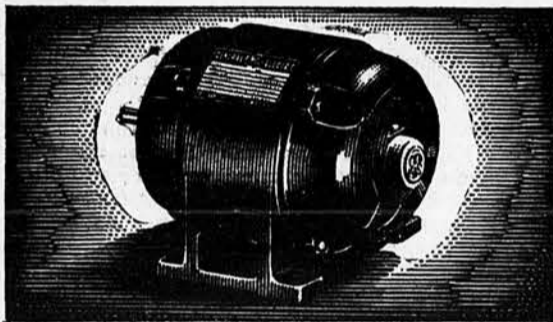
mers and a wet one, Gene figures it pays off plenty—in bigger crops and in topsoil saved. In wet years, the contours keep the topsoil from washing away. And in dry years, what rain there is soaks in instead of running off.

"Over the three years, I've put 12 per cent more corn in the bin from the same number of acres," Gene says. "By plowing right, I figure I've added 12 acres to my farm."

And Gene Buck calls this increase in the "size" of his farm "the County Agent's 12 extra acres."

All over the country, farmers are getting help from their County Agents that makes farming better and easier.

Another thing that good farmers are doing to farm better and easier is to make full use of electricity.



G-E *TRI-CLAD MOTORS ARE BUILT FOR HARD FARM DUTY

G-E Tri-Clad motors are outstanding for their dependability and long life. Tri-Clad means . . .

Extra Protection against Physical Damage . . . One-piece, cast-iron frames, and cast-iron end shield guard vital parts, keep them safe. Drip-proof construction keeps out dirt and water.

Extra Protection against Electrical Break-down . . . Windings are of Formex* wire, the toughest magnet wire ever made. It resists moisture, abrasion, and heat aging.

Extra Protection against Wear and Tear . . . Sleeve bearings are made to supply a continuous oil film over entire bearing surface. Ball-bearing mounting assures correct alignment, is made to keep out dust and dirt.

G-E Tri-Clad motors have no brushes, so they're quiet-starting and quiet-running, don't interfere with radio reception.

Right now they're scarce, but we are working day and night to supply G-E Tri-Clad motors to all who need them—including farm machinery manufacturers and farmers. Look for the G-E monogram when you buy a motor or a motor-driven appliance or machine.

*Trade-mark Reg. U. S. Pat. Off.

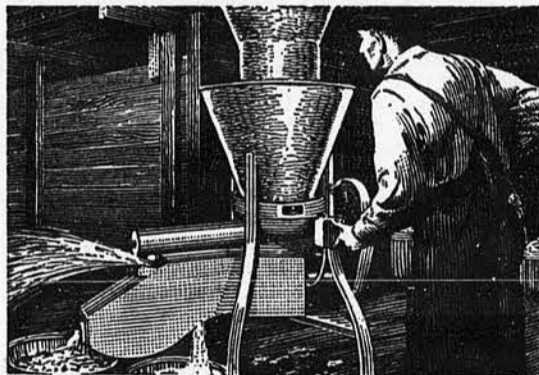
The Modern Farm is an Electric Farm!



Electricity on a farm makes life more pleasant and work easier! If you don't have electricity, get in touch with the electric service supplier in your area.

If you already have electricity, get your full value out of it by making it do more jobs for you.

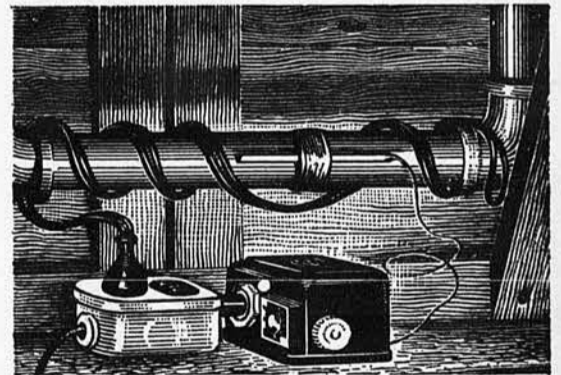
To help build up modern farms electrically continues to be the full-time job of a staff of specialists in the G-E Farm Industry Division.



Flick a switch and your grinding's done when you use an automatic feed grinder powered by an electric motor!

Many a poultryman automatically gets whole corn for scratch feed, and crushed cobs and husks for litter, just by setting a self feeder on a corn crusher-sheller and letting the motor power the job while he attends to other chores.

And be sure to specify a G-E motor when you buy feed-grinding equipment.



Wintertime labor-saver is a length of economical G-E heating cable equipped with a thermostat.

Wrap cable around a water pipe, plug it into an outlet, and the thermostat automatically keeps the pipe at above-freezing temperature.

Thousands of farmers are using this cable on exposed water pipes, pumps, and in gutters. Limited quantities are available through G-E suppliers. See your dealer or write us for further information.

MORE POWER TO THE AMERICAN FARMER

GENERAL ELECTRIC

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Farm Matters

AS I SEE THEM

SECRETARY of State Byrnes, Foreign Minister Bevin of Britain, and Foreign Commissar Molotov of Russia, are scheduled to begin a conference on peace terms for the defeated Axis powers this week end. The conference is being held at Moscow. It is supposed to take up where the conference of foreign ministers of the Big Five (France and China as well as the U. S., Britain and Russia) left off at London last summer. And that conference left off just about where it started, with nothing accomplished.

The Big Three conference at Moscow this month is another victory for Russia in the game of world power politics. At San Francisco and at London, as well as at earlier sessions of the Big Three Government heads, the Soviet contention always was that 45 or 50 nations could not get things done in the international field, that 5 were too many, and that only the Big Three, the nations that won the war, are able to write the peace terms and make the decisions that will make for a secure and lasting peace and divide up the territories.

So now it is the Big Three who will make the attempt and they meet in Moscow, where Commissar Molotov can be at all times in close touch with the leadership of the Communist party. At San Francisco and at London his excuse for not making decisions was that he had to check everything with Moscow for determination. Clear thru Stalin.

I would not be a bit surprised if Secretary Byrnes is informed at Moscow how much of a loan the United States must make to Russia, as well as what we will have to agree to in terms of extension of Russian spheres of influence over the world, if Russia is to participate in the United Nations organization. You probably have noted in the newspapers and heard over the radio of the terms of the proposed \$4,400,000,000 long term loan to Britain, also of the more than one billion dollar loans made to and to be made to France.

My own thought is, as I have said before, that instead of sending these loans to Congress one at a time, the President should send a message to Congress giving an over-all picture of the foreign loans proposed to be made. If the total is to be around \$20,000,000,000, as estimated by Bernard Baruch and others, Congress ought to have that information. And ought to keep it in mind, as each proposed loan is brought up for action. And I say also, Congress ought to be told and the American people ought to be told frankly, whether these are bankers loans (intended to be repaid) or speculative loans (that might be repaid in part), or just plain "investments" in world peace and security, just as Lend-Lease was part of our "investment" in the cause of victory in World War II. It will be much healthier in the long run if Congress knows what it is doing, and if the people—who will have to pay the bills—know what Congress is doing.

Because, if these loans are made and are not repaid by the borrowing nations, you know who will pay for them. The one you see when you look into the mirror.

The next session of Congress will be called upon to authorize appropriations for farm price support in the immediate postwar period. I have received some letters from farmers on the subject, indicating it is not entirely clear all around just

how far support for farm prices is supposed to go.

The following commodities, for which wartime increased production was requested by the Government, are to be supported at not less than 90 per cent (in the case of cotton 92½ per cent) of parity until 2 years after January 1, following the date on which the President or the Congress shall have proclaimed "hostilities have ended"—corn, cotton, wheat, rice, tobacco, peanuts for nuts, hogs, eggs, chickens, excluding chickens weighing less than 3 pounds live weight and all broilers and turkeys, milk and butterfat, specified varieties of dry peas and dry edible beans, soybeans for oil, peanuts for oil, flaxseed for oil, American-Egyptian cotton, potatoes and sweet potatoes (when properly cured). Any change in the parity formula will be of keenest interest to farmers who produce these commodities.

Measuring Production

I KNOW as we approach a new year, my Kansas farm friends are wondering what it holds for you. I sincerely hope many good things. I believe it does, because you not only deserve them, but you know how to work for them. The question uppermost in your minds, no doubt—outside of the well being of your loved ones—concerns production. Perhaps we should say overproduction. What should be produced? How much should be produced? What can be produced at a profit?

When you come right down to it, nobody knows better what should be produced on his farm than the farmer himself. You know what will build up the soil. What will fit best in rotation. What will feed your livestock to best advantage. What will constitute balance in farming for your place. But whether you can sell what you produce at a profit is another matter. I think it comes right back to the old problem of surplus.

Apparently prices are going to be good during 1946 for most farm production. This is due to high wages in industry, a backlog of savings, price supports and subsidies from tax money—tax money you pay in, by the way; and world needs in general, much of them met with your foods, sold to other countries for dollars lent to them by Uncle Sam—which means you again. Whether feeding other countries will be profitable in dollars, in the long run, is doubtful. But being profitable in the fact of saving lives is another matter.

But, frankly, I think the same as a lot of good Kansas farmers are thinking. That it is time to do some reconverting in agriculture, with an idea to selling at a decent profit. Maybe the things you produce in war or peace are not changed as much as those in industry. But the problem is the same in peacetime—fitting production to consumption. Even with all of the floors and ceilings and subsidies, the old rule of supply and demand has still ruled quite largely. It is just good, common sense to realize, as you do, that our peacetime farm production must be measured to the market that is available.

This matter of measuring production to con-

sumption calls for a change in thinking and planning, as you well realize. You good farm folks in Kansas did your share in meeting the War Food Administration's goal. That goal, to fill the war needs, meant 362 million acres of crops—an area larger than France, Germany and the British

Isles. You got to thinking of crop production in different terms. That it would take 1,654 bushels of flaxseed, made into linseed oil, to paint one battleship; that it would take all the food 42,000 acres could produce in a year to feed men turning out that one battleship. That it would take all the food 43 acres could yield in a year to feed the men building one army tank, and thousands upon thousands of acres to feed our men in uniform, and the countries on Lend-Lease.

Now we must think again of crop production in terms of peacetime markets, with other countries in competition with us. Not in 1946, especially. But that will be true in the long pull ahead. By virtue of farmers' ability the United States has the advantage of volume production—almost assembly-line production, if you please. Here is what I mean by that statement. Two families are required to produce the needed food for themselves and one family in some other walk of life almost anywhere else but in America. In this country, one farm family produces enough for itself and 4 other families—8 times the margin for the world in general. It is that ability to produce that has gotten ahead of distribution and marketing here and abroad, and piled up the so-called surplus. I still contend that as long as we have hungry people in this country, there is no surplus of food. But as long as there is an "apparent" surplus, farmers will profit by fitting their production to the "apparent" or visible market.

Even with all the peacetime "surplus" troubles we have had in the past, our farm standard of living was higher than that of virtually all other countries. But I am not satisfied with that. It isn't nearly high enough. Too many Kansas farms do not have electric power, running water and other modern conveniences. And it isn't the farmer's fault. It is due to the fact the farmer's income has been too low, compared to incomes in other business in this country. And this must change in the years ahead. In 1940, the average net income to the farm was only \$788. It went up by 1944, due to war prices, to \$1,627, in terms of 1940 purchasing power, according to the Department of Agriculture. But, remember, that is an average. Even in the peak war year, far more than 50 per cent of all farmers received considerably less than the average.

So in this reconversion period, farmers will do well to regulate their own production to fit the available market; regulate it to save soil and to build up the soil—it still takes nature from 400 to 1,000 years to build an inch of topsoil.

By doing these two things, you will be in the best position to demand stronger prices for higher-quality products.

Arthur Capper

Washington, D. C.

U. S. Farms Have Changed in Size

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Farm population dropped 5 million, or some 16 per cent, in the last 5 years, while farm production increased 32 per cent in volume.

Considering that, perhaps the latest Census Bureau report that the number of farms dropped 1.4 per cent, while farm acreage increased 7.7 per cent, is not so surprising.

Census Bureau notes that between 1940 and 1945 the number of farms in the United States decreased from 6,096,799 to 6,010,522; farm acreage increased from 1,060,852,374 to 1,142,817,821 acres; average acreage went up from 174 to 190.1 acres or 9.3 per cent.

Department of Agriculture divides

the United States into 9 geographic divisions. Their records for the 5 years, stated in percentages, follow:

New England, number of farms increased 23.5 per cent; acres in farms, 13.1 per cent; but even there the average acreage of farms decreased 8.4 per cent, from 98.9 acres in 1940 to 90.6 acres in 1945.

Middle Atlantic, number of farms, up 3.2 per cent; acreage, up 3.8 per cent; average acres, up 0.5 per cent, from 96.6 acres to 97.1 acres.

East North Central, number of farms, down 3.6 per cent; farm acre-

age up 1.9 per cent; average acreage, up 5.7 per cent, from 113 to 119.4 acres.

West North Central, number of farms, down 4.8 per cent; number acres up 3.2 per cent; average acreage, up 9.4 per cent, from 251.6 to 272.8 acres.

Kansas, number of farms, down 8.9 per cent, from 156,327 to 142,396; farm acreage up 1 per cent, from 48,173,635 to 48,637,202 acres; average acres up 10.8 per cent, from 308.2 to 341.6 acres.

Missouri, number of farms, from 256,100 to 244,562, down 4.5 per cent;

acreage up 2 per cent, from 34,739,598 to 35,435,572 acres; average acreage, up 6.9 per cent, from 135.6 to 144.9 acres.

South Atlantic, number farms up 5.1 per cent; farm acreage up 7.7 per cent; average acreage up 2.4 per cent, from 90.8 to 93 acres.

East South Central, number of farms down 3.1 per cent; acreage up 0.3 per cent; average acreage up 3.6 per cent, from 75.3 to 78 acres.

West South Central, number of farms down 5.8 per cent; acreage up 3.5 per cent; average acreage, up 9.9 per cent, from 207.9 to 228.5 acres.

Mountain, number farms down 8.4 per cent; acreage, up 23.8 per cent;

(Continued on Page 18)

Something New in Nests

Important Point, It Keeps Eggs Clean

A NEW-TYPE laying-house nest, that will virtually eliminate dirty eggs, has been demonstrated successfully at Kansas State College, according to L. F. Payne, head of the poultry department.

Known as the "Compartment Nest," it provides 2 compartments, each 2 feet by 5 feet, and will accommodate 100 hens. The center partition can be left out if desired.

Five inches of litter is used in the nests, and hens cannot scratch out any of it because of the construction. The dark compartments, with entrances at the end, encourage pullets to begin laying in the nest, rather than on the floor. It is easily cleaned by lifting the nest off the platform base. Trapdoors make egg-gathering easy. The compartment nest is easier and cheaper to construct than individual-type nests and takes less material. The platform on which it sits should be 2 feet above the laying-house floor.

In practice, hens enter at the end and seek a suitable spot in which to lay. Walking over the deep litter cleans their feet, and they do not pile up or scratch out the litter as in individual nests.

Here is what it takes to build one of these compartment nests: Ten 1 inch by 6 inch by 10 foot shiplap or T & G for sides and top; three 1 inch by 4 inch by 10 foot shiplap or T & G for sides and top; three 1 inch by 6 inch by 10 foot T & G for ends and partition; five 1 inch by 6 inch by 12 foot T & G for support platform; one 2 inch by 4 inch by 14 foot Y-P or fir for brackets; three 1 inch by 2 inch by 10 foot framing; 3 pounds of 6d nails for box; 1 pound 10d nails for box; four 4-inch hinge, top strap hinges; two 3-inch hinge, doors in ends; one half gallon creosote.

Save 4 Years Work

A bonus of about one third greater corn and wheat yields could be hauled in by Kansas farmers willing to practice a long-term crop rotation program, states Dr. J. C. Hide, Kansas State College agronomist. "In other words," says Doctor Hide, "farmers could produce as much corn and wheat in 12 years with a rotation as they can by continuous cropping in 16 years."

This increase can be brought about by a 16-year rotation of 4 years of alfalfa, followed by 12 years of wheat and corn. In addition to greater crop yields, the farmer will have 4 crops of alfalfa averaging 2 tons of hay an acre annually.

These figures are results of 34 years of data collected at the Kansas State

College agricultural experiment station. Rotation also was noted to influence wheat quality for at least 9 years following legumes, and probably would have the same effect on other crops.

Only about 25 per cent of other Kansas farmers have good rotation programs, states Doctor Hide, who points out that it is difficult to demonstrate because benefits are spread over such a long period. Farmers must stay with the program year after year to get best results.

Made Best Yield

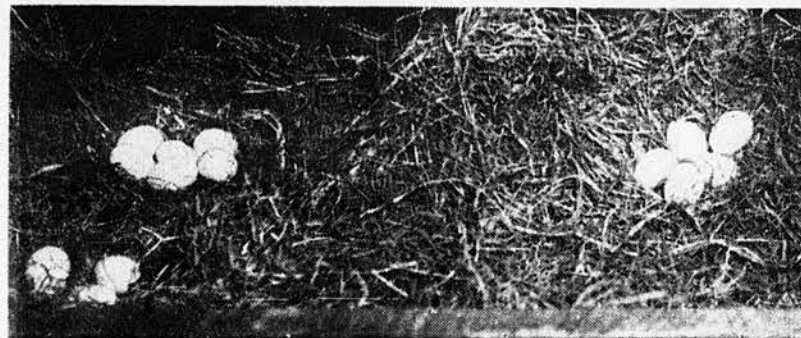
Osage and Neosho, new rust resistant varieties of oats distributed by the Kansas Agricultural Experiment Station in 1945, outyielded other varieties in 33 tests conducted last summer on farms in 33 counties.

These new oats also had higher test weight than Tama, Cedar, or Fulton, the other varieties included in the tests.

There should be a good seed supply of these varieties for planting in 1947, reports A. L. Clapp, secretary of the Kansas Crop Improvement Association.

Pick Best Market

Hog-support prices will start decreasing the first week in October, 1946, and will decrease 25 cents a week until the last week of November when they reach \$10.75. This low figure stays in force thru the first week of January, 1947, then increases to



Hens seek a good spot in 5-inch litter and, in doing so, get their feet clean and do not tend to pile up. They cannot scratch out the litter.

\$12.25 by March, when it decreases to reach \$11.75 during May and June. Beginning the last week of June, the support increases to \$13 thru August, and moves up to \$13.25 during all of September, 1947.

Because of this fluctuating support price, A. G. Pickett, Kansas State College economist, thinks farmers should avoid heavy marketing of hogs in November, December, 1946, and January, 1947.

The safe thing to do, says Mr. Pickett, is to head as many hogs for market as possible in August, September, and October in the fall, and in March and April for spring market.

Try Ground Cobs

I noticed in a recent issue of Kansas Farmer, many people are having trouble with litter in their poultry houses, especially in damp weather. May I suggest that they use ground cobs. Put a covering 3 or 4 inches deep and the trouble is over. Ground corncobs

do not pack and the chickens keep them thoroly turned. We have tried this plan for some time and have yet to find its equal in value or price.—George C. Lehman, Johnson Co.

Daily Income Went Up \$3.60

A GAIN in production of 3 cases of milk a day on 28 cows was obtained last summer by Howard Jennings, of Johnson county. It came thru use of DDT sprayed on the cows and in the barn. At \$1.20 a case, his income was increased \$3.60 a day at a cost of \$1.50 for each spraying, which was done 3 times at 15-day intervals during the late summer and early fall. There was no change made in management or feed so all of the increased production had to be due to DDT.

Before the first spray job on both cows and barn was made on August 7, a fly count in the barn showed 1,400 flies to the cow. Three days after the spraying the fly count was down almost to zero.

Use of DDT also rid the barn of cockroaches, which had about driven Mr. Jennings crazy. "We carried them out in baskets several days after treating the barn," he reports.

Mr. Jennings first tried spraying the cows only, using a solution of 2 tenths of 1 per cent DDT. "The flies just left the cows and came to the barn," he reports. Later, he used the same strength solution on the cows and a stronger solution, 4 tenths of 1 per cent, in the barn. This was the combination that proved successful.

For best results in spraying, Mr. Jennings recommends a big spray gun—one that will hold from 3 gallons on up, and which has a fine mist. Then, the solution must be kept stirred up well during the spraying.

Pasture Comes First

Every field on the Ed Dickerson farm, Labette county, is pastured at some time during the year. Pasture and roughage get first consideration because of a fairly large dairy herd.

Mr. Dickerson has been "around the farm" once with sweet clover to build up his soil. This crop was also pastured during the process. Only 10 to 15 acres of sweet clover a year will be seeded from now on.

There are 65 acres of alfalfa and alfalfa-brome on the farm, and this is pastured after hay cuttings are removed. Fifteen acres of alfalfa will be seeded yearly from now on, and the older fields used for pasture only as they wear out on hay production, and before they are plowed under for other crops. By starting and retiring a similar amount of legumes each year, the legume acreage can be kept leveled off without leaving alfalfa stands too long in one place.

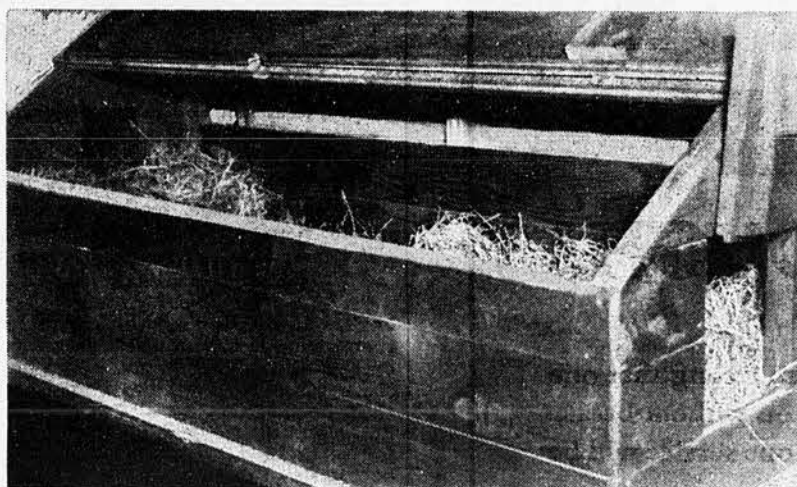
Using Balbo rye and tame native pasture, plus sorghum stalk fields, alfalfa, lespedeza and sweet clover, pasture is available on the Dickerson farm from April to December.

Use a Putty Knife

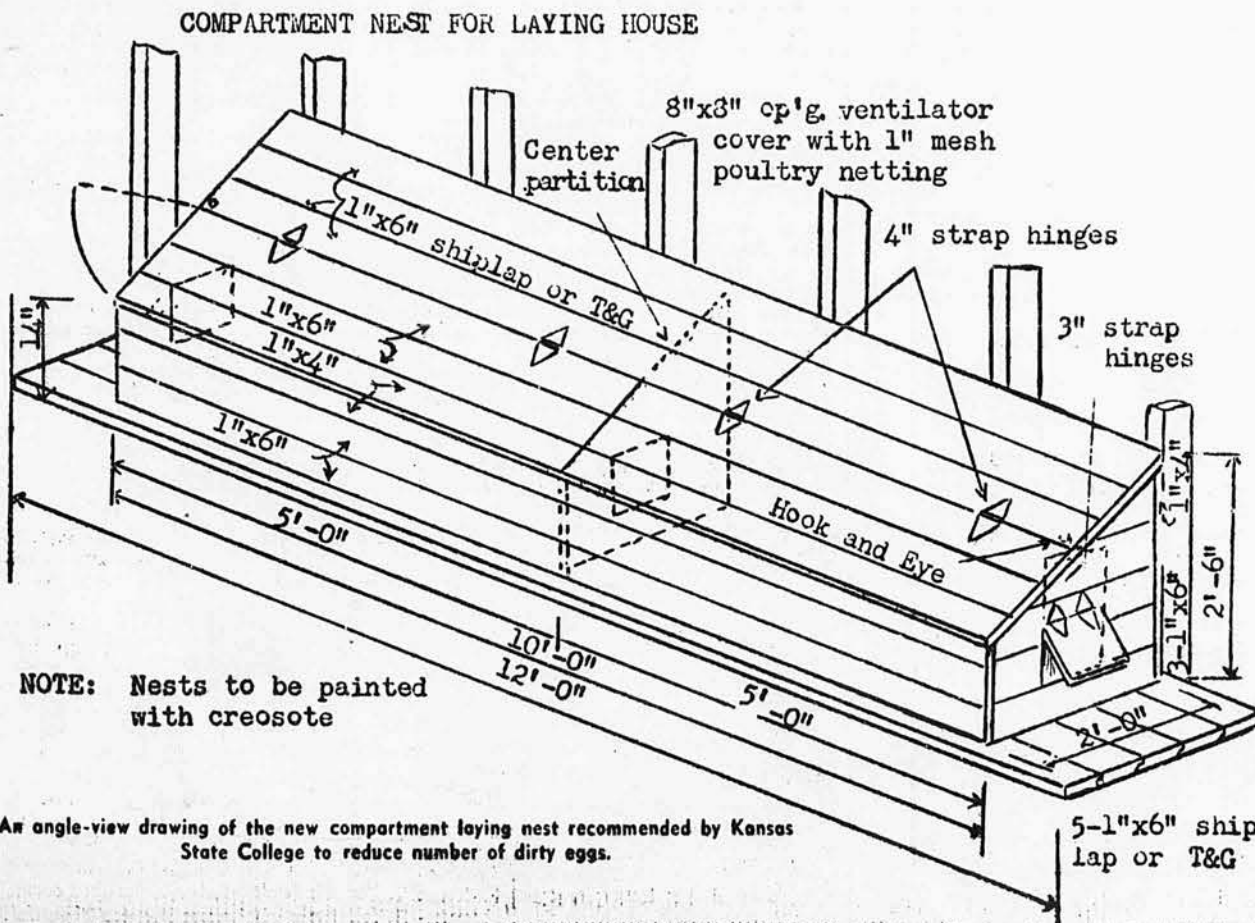
I have found that a putty knife is fine to use when transplanting small seedlings, as it takes up a good-size clump of dirt, is easy to slip under the plant, and does not break the roots.—O. O. C.

Easily Removed

To remove rusty nuts without danger to bolts or nuts, drench with kerosene and slip a short length of pipe over the end of the bolt and rest it on the nut. Tap with a hammer to break rust, then remove nut.—E. L.



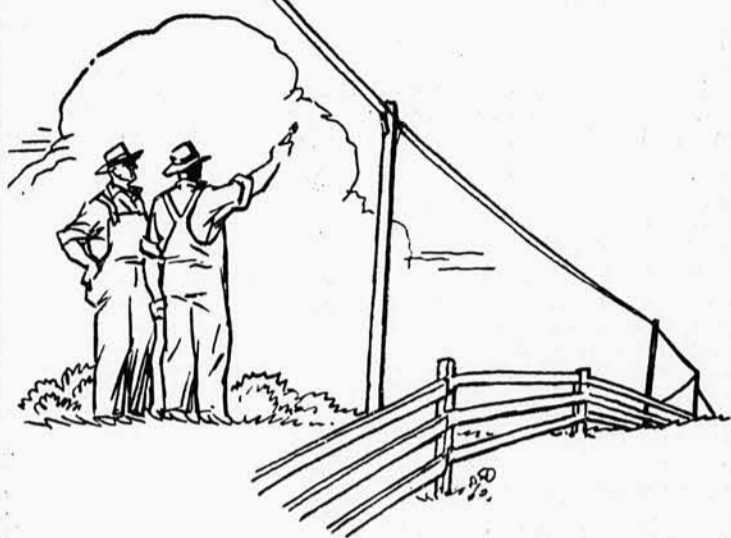
A view of the new compartment-style laying-house nest that nearly eliminates dirty eggs. Note hen entrance at end of compartment and lid that lifts easily for collecting eggs. The entire compartment can be lifted off the base for cleaning.



NOTE: Nests to be painted with creosote

An angle-view drawing of the new compartment laying nest recommended by Kansas State College to reduce number of dirty eggs.

FOR FARM LINES...



TELEPHONE WIRE THAT'S TOUGH!

High-strength steel wire—so strong that one strand will lift over half a ton without breaking—is one way farm telephone service will be made better and easier to get.

Telephone engineers began using this tough telephone wire on rural lines even before the war. Distances between poles, due to its greater strength, jumped from 250 feet or less to as much as 450. The resulting fewer poles meant lower construction costs. Sleet storms—perennial enemy of farm telephone lines—did far less damage, and maintenance expense dwindled.

Better construction is only one of the plans telephone engineers have for better farm telephone service. Talking over electric power lines, a new development now undergoing actual field tests, is another; radiotelephones for remote places, a third. The Bell Telephone System is making every effort to bring you the best rural telephone service possible.

SOUTHWESTERN BELL TELEPHONE COMPANY



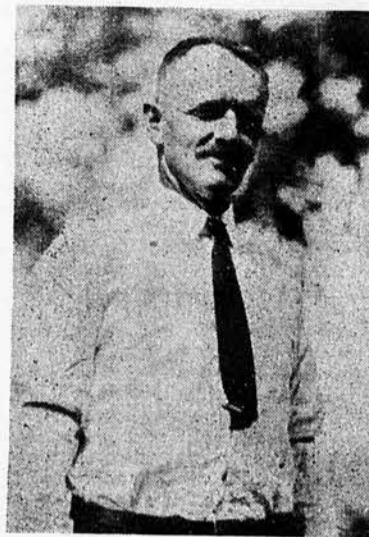
Cows Pay College Expenses

Good Judgement and Work Make Dairy Pay

HOLSTEIN cows put my 3 children thru college, have given us several nice trips to Europe, and a pretty comfortable living besides," says Fritz Alder, Marion county dairy cattle breeder, who rounds out 25 years in business this year.

Raising dairy cows for the trade has been this Cottonwood Valley farmer's main interest the last quarter century. He sells at least a herd a year, a few cows at a time as they come fresh, and probably has helped to start more young men in the dairy business than anyone else in Kansas.

The secret of raising dairy cattle profitably, says Mr. Alder, lies in handling high-grade stock and keeping costs down. He believes in bringing



Fritz Alder, Holstein breeder and owner of the Cloverleaf Dairy at Florence, completes 25 years in business this year. He says dairying in Kansas has a brighter future than ever.



The young Alders, left to right: John Jacob, oldest son, now stationed overseas, a graduate of Baker University and University of Michigan Law School; Mary, graduated from Baker University and Bryn Mawr College, teaching in Oklahoma; Harry, graduate of the University of Kansas School of Engineering, now a chemist in Baltimore, Md.

heifers to milking age on cheap feed, then trying them out as milkers a year or two and selling young—at a price the average farmer can afford to pay.

To keep his herd well-fed and marketable at all times, Mr. Alder goes in for diversified farming. His 170-acre bottom-land farm produces mostly alfalfa, ensilage crops, Sudan, and wheat or rye. Six hundred acres of bluestem pasture also help meet the herd's grazing needs.

"Fritz," as everyone calls him, has operated the Cloverleaf Dairy Farm just outside the city limits of Florence since 1920. His retail dairy is the largest and one of the oldest in the county.

"I really got into the dairy business by accident," he relates. "I had bought 65 head of heifers at a sale the year before, intending to speculate on them and sell later.

"In the meantime our town had an oil boom and everybody wanted milk. Just then the heifers came fresh, so we tied 'em to fence posts and started milking. I remember we milked all day—no stanchions, no milkroom, no equipment except a cream separator we already had on hand.

"But we soon made improvements and by 1925 got our milking machine, the first of its kind sold in the state. We're still using it. I believe milking machines, if properly handled under low pressure and kept in good repair, do cows no harm whatsoever."

As the business grew, the barn was remodeled to allow stanchion space for 28 cows at a time. A modern 2-room milkhouse, equipped with cooling system, refrigerator, and electric bottle washer and bottle capper, also was completed.

In looking back over his quarter-century record, this progressive Kansas farmer says the good years have far outnumbered the bad. There was always a fair sale for milk, he recalls, and never a time that a good-type dairy cow wouldn't sell.

"Of course, we had a few tough times, too," he continues. "The drouth back in '34, the flood years, and an accident that hit us pretty hard. That was 2 years ago, when a fast stream-

liner caught our milking herd on the railroad track and in a few seconds left 22,000 pounds of beef strewn around. Took us a while to get over that, but we never missed a single milk delivery."

Mr. Alder first became interested in dairy cattle as a young man, when he took an agricultural course at the University of Lausanne in Switzerland. In later years, he went back several times to make further study of dairy conditions abroad, especially in Switzerland and Holland.

"In those densely populated countries, you never see a farm without cows," he explains. "Every farmer has a dairy herd."

He has also picked up new ideas on visits to dairies in the East, notably Maryland, New Jersey, and Pennsylvania, but when he returns Mr. Alder always points out the advantages of Kansas as a dairy state. "Central Kansas," he says, "compares favorably with any dairy region in the country. And our bluestem is one of the best grasses anywhere for bone-building and quick gains in cattle."

Dairying, in this successful farmer's opinion, hasn't yet reached its peak in this state and is still a comparatively new industry. He firmly believes any young man with good judgment and a desire to work can make a dairy farm pay.

Main advantages in dairying for the little fellow, as he sees them, are the limited amount of capital and the small acreage needed to get started, plus the chances for good returns.

Saves Cleaning Time

When painting window sashes, I cut a piece of paper the size of the pane and lay it over the glass. It is much easier than removing smears of paint from the glass.—Mrs. K. O. L.

Cover Protects Wheel

Slip an oiled-silk bowl cover over the hand wheel of a sewing machine. Keeps small children from getting their fingers and hands caught when it's turning.—Mrs. M. H.



"Love is funny—I always thought I couldn't fall for a girl, unless she was beautiful!"

Uncle Sam Says . . .

Need Lumber

Producers of lumber and logs have been given special priorities on machinery and equipment, or to obtain construction materials and capital equipment that will result in a substantial increase in production.

Food From Wood

During the war Germany found out how to make human food out of wood. Protein from wood was manufactured at the rate of about 400 short tons a month. Wood sugar was used as a medium for a fast-growing type of yeast which, after final processing, yields protein similar to and as easily digested as animal protein. About 2 pounds of the yeast is equal to 5½ pounds of meat.

Holsteins to Travel

Two hundred head of purebred Holstein heifers and 20 Holstein bulls will be purchased from the U. S. by Ecuador's National Bank of Development.

Catching Up

Scientists in the Philippines have asked the U. S. D. A. for 4 years of experiment station literature and progress reports on agricultural research. This material is expected to bring the islands up-to-date for the 4 years they were severed from the U. S. by war.

Lid on Poultry

Because poultry prices are pressing the ceilings in many areas, price ceilings probably will not be removed for some time, announces OPA.

A New Record

Shipments of stocker and feeder cattle into the Corn Belt states during October, 1945, were the largest on record for the month. The total for October, 1945, was 669,000 head, compared with 525,000 in 1944. There also was a heavy intra-state movement of feeder cattle from growing to feeding areas during 1945.

Different Balance

Lamb feeding this year is about the same as last, with more lambs being fed in the Corn Belt states and fewer in Western states.

Wheat Loans

CCC thru October 31, 1945, had completed 26,938 wheat loans on 42,300,068 bushels of 1945 wheat in the amount of \$57,306,106.98. Average amount advanced was \$1.355 a bushel. Total loans were less than in 1944.

More Help

Extension Service reports as of November 1, 1945, indicate that from January to October 1, there were 4,625,471 farm labor placements made in all states, which is about 1 million greater than for the same period in 1944.

"Thanks a Million"

In the last 10 years FSA programs have aided nearly a million farm families unable to get other credit. Among them were 35,000 World War I veterans. Since 1942, another 4 million dollars has been lent to 3,500 World War II veterans.

More Working

Farm employment as of November, 1945, was the largest since 1942. Total

number of persons working on farms was 10,747,000, a decrease of less than 3 per cent during October, compared with an average of 10 per cent.

Relax on Controls

Import controls have been relaxed by U. S. D. A. on sesame oil, sesame seed, neats-foot oil, rapeseed, barley, corn, corn meal and flour grits, and from 10 meat products from Puerto Rico and the Virgin Islands. These include canned and pickled beef and veal, as well as fresh and frozen beef, lamb, mutton and pork.

Income Figures

Government payments to producers, on a calendar year basis, added about 5½ per cent to the total cash farm income from marketings in the 11-year period between 1933 and 1943, inclusive, and ranged from 2.5 per cent in 1933 to 10.2 per cent in 1939.

Versatile Bean

Current research may extend use of soybean meal in glueing plywood prefabricated structures, and also use of soybean oil in making better drying oils for paints and varnishes used to finish such buildings.

Mist Does It

Insecticides in mixtures more than 100 times stronger than those ordinarily used in spraying, may now be applied by a new blower that puts out a fine mist to cover large surfaces with a low volume of liquid. As little as 6 gallons of concentrated DDT spray an acre has successfully controlled gypsy moths, cankerworms, elm leaf beetles, tent caterpillars, fall webworms, and Japanese beetles on forest and shade trees; flea beetles and leaf hoppers on potatoes; and flies and mosquitoes.

More Chicks

For 8 out of 10 months in 1945, commercial hatcheries exceeded their 1944 output, so 1945 may be an all-time high. Up to November 1, hatcheries had turned out 1,522,583,000 chicks. This was 300,000 over the 1944 output for the same period.

A Little Higher

Maximum prices for linseed oil and peanut oil pellets have been hiked 75 cents a ton by OPA. Prices to cattle feeders will reflect the rise in ceiling prices allowed.

Clothing Costs More

OPA has acted to increase the limited supply of fabrics available for low-priced men's and boys' tailored clothing, by permitting manufacturers to exceed their highest price line limitations for garments made of 2 types of surplus military fabrics.

Livestock Score

Six per cent more cattle, 9 per cent fewer calves, 47 per cent fewer hogs, and 2 per cent fewer sheep and lambs were slaughtered under Federal inspection during the first 10 months of 1945, compared to 1944.

Watch Their Jaws

Research on sheep with jaws of unequal length has shown they are not as good producers of meat and wool as normal sheep. Since the condition is hereditary, it is suggested sheepmen cull their flocks free of such animals.

What Do You Think?

- What do you think about compulsory military training?
- What do you think about the MVA?
- Should Social Security be extended to include farmers?
- What do you think about continued price controls?
- What do you think about feeding Europe this winter?
- What do you think about Government aid to help Servicemen buy farms?
- What is the future of the family-size farm?

These are some of the important problems of the day. Kansas Farmer would like to have your opinions. Write a letter, stating your ideas about one or more of these subjects. Make it short and be sure to sign your name and address, altho names will not be used if you so wish. Mail to Editor, Kansas Farmer, Topeka, Kansas.

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Gamble's Baby Chicks and Turkey Poults available only in territories east of the Rockies

We Will Have New Pests

By JAMES SENTER BRAZELTON

THE airplane has brought the Orient, and all the islands of the Pacific, so close to the United States that there is grave danger of infestation by foreign insect pests arriving here as stowaways in airborne cargoes. These pestiferous immigrants from afar are all the more unwelcome because they have left their natural enemies behind. They can set up housekeeping in this land of plenty without fear of molestation. Already Californians have become concerned, and steps are being taken by the California Department of Agriculture and the U. S. Bureau of Entomology and Plant Quarantine to meet this problem with new pest quarantine laws and control measures.

These insects, new to this part of the world, are a threat to American agriculture. And if something is not done about it quickly they are destined to become menaces as destructive to our

crops as other imported pests like the Japanese beetle, the European corn borer and the Mexican bean beetle. These foreign marauders have more than gained a foothold in this country, and because of them it is estimated the losses due to insects have doubled in the last 50 years.

Our insect enemies are costing us now 3 billion dollars annually. They do not need any more reinforcements from other lands. Every year they destroy about 10 per cent of the crops and fruits grown in this country. We have a formidable foe on our hands. More than 1 million species of insects have been listed and described by the entomologists, more than all other animals and plant species put together. In fact, if all the insects in the world were weighed on a giant scale they would overbalance the total weight of all land animals including man. The insect population of one square mile

is said to equal the total human population of the whole world, an appalling fact.

It would take a big book just to tell about the many different insects that chew, suck and destroy the plants and fruits that man tries to grow. Apple growers thruout the nation spend thousands of dollars annually in their efforts to control the ravages of codling moth larvae and are not succeeding very well. Many have been forced out of the apple-growing business because they were no longer able to produce a high enough percentage of worm-free apples.

Need Something More

Orchardists have found, to their sorrow, that arsenate of lead alone will not control codling moth. The last few years it has been necessary to combine either oil or nicotine with the lead arsenate sprays to get results, and in many cases even these are not so good.

There is one bright ray of hope that looms up now, however, and that is the promise that DDT will do the job effectively. In a large number of experi-

mental plots scattered over a wide area, DDT has given good control under all kinds of conditions. DDT is now being produced by so many commercial firms that a plentiful supply is expected to be available for orchard use the coming spring season.

Altho it may prove effective in the control of codling moth, DDT will not solve all of the orchardman's insect problems. Experiments have shown that it does not control red mite, an orchard insect that can be a pest at times. When used against aphids or plant lice it kills the ladybug beetles that thrive on eating them, and the aphids flourish then as never before. If DDT is used at blossoming time it would kill a great many beneficial insects busily drawing nectar.

We would not want to kill off all the insects even if such a thing were possible, for it would upset the balance of things tremendously; referring to the food cycle that nature has arranged and upon which even man depends for his protein foods.

Codling moth, aphids and red mite are not the only insects that make trouble for the orchardman. Apple tree borers, both round-headed and flat-headed, are destructive to young orchards. A special dormant spray must be applied to control San Jose scale. Leaf hoppers can do serious damage to the foliage of apple trees if not kept in check by the proper sprays.

No Fruit Exempt

Other fruits, too, have their insect enemies. Plum curculio is a pest, found not only on plums but it attacks apples and other fruit. Insect enemies of the pear are pear psylla, pear leaf blister mite, pear thrips and the pear borer which sometimes kills entire young orchards by girdling the trees. Peach borer is the most destructive insect of the peach. The Oriental fruit moth is a serious pest, as also is the plum curculio. Tarnished plant bugs often do much injury to peaches. Wormy cherries are caused either by the larvae of cherry fruit fly or curculio. Grapes have leaf hoppers and grape root worms to do them damage. Strawberry growers have to keep their patches sprayed to control leaf rollers. And so it goes; every plant in orchards, fields and gardens has a hoard of insect enemies bent upon its destruction.

Any discussion of insects and the damage they do would not be complete if mention were not made of the fact that certain insects are responsible for a great many human diseases. Everyone is familiar with the part mosquitoes have played in the spread of malaria and other protozoan and nematode diseases. Cockroaches and bedbugs are capable of passing on the organisms of several dread diseases.

Here Is the Champion

But as a carrier of disease germs the common housefly holds the championship. It has been proved that the virus of infantile paralysis is carried by flies and amoebic dysentery is fly-borne. Other disease organisms carried by flies include germs of typhoid, cholera, tuberculosis, leprosy and ophthalmia (sore eyes). Flies also transmit certain parasitic worms like tapeworms, hookworms and rarer forms. There should be a decrease in the prevalence of these diseases, for DDT offers the possibility of virtually eliminating flies. It has proved 100 per cent effective against them.

And to think that once upon a time flies were looked upon as beneficial. They were actually considered useful insects because they ate filth. The ancient Philistines even believed that flies were holy. Proof of this is shown by the name of one of their gods, Beelzebub, which when translated into our language means, "Lord of Flies." He was a sunworship god, and because he made the flies more plentiful in summer the Philistines considered them holy. These are the very same Philistines who disputed for so many centuries with the Israelites for possession of Southwestern Canaan.

"And the locusts covered the face of the whole earth so that the land was darkened; and they did eat every herb of the land and all the fruit of the trees and there remained not any green thing." In the Old Testament we find many accounts similar to this, about the ravages of insects but no mention is made that "God's Chosen People" ever tried to do anything practical about it. The ancient Greeks, too, complained about insects damaging their crops.

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Berries Bought War Bonds

By MRS. GORDON H. DAVIES

BERRY raising for Ralph Dixon, prominent Reno county farmer, has proved a profitable and interesting project. He started 6 years ago with 12 thornless boysenberry plants at a cost of only \$4.20.

From that small investment the Dixon berry patch has bought \$3,000 worth of War Bonds during the war. According to Mr. Dixon it has been his hobby, rifle and weapon to help win the war.

His berry patch the last 2 years has been pronounced by authorities the best plantation in Kansas. And since his berries have done so well, he believes every family should include a variety of berries in their home garden.

He has 2 acres planted to thornless boysenberry plants. There are 27 rows of these plants, which generally produce about 1,000 plants a row each year. These plants are sold all over the country and shipped to people who are starting out just as Mr. Dixon started in 1939.

About a half acre is planted to raspberry, nectarberry and healthberry

plants. In 1945 the berries produced exceptionally well. The healthberry ripened in August and was a very heavy bearer, according to Mr. Dixon's records.

At berry-picking time the patch looked like a cotton-picking field. Berries were in great demand and sold easily at 50 cents a quart. Besides eating a lot of the fresh berries and giving away to friends and relatives, the Dixons filled their freezer locker and canned 138 quarts.

Last season was favorable for berries in Kansas because of weather conditions. The plants are all deep-rooted and will stand considerable drouth. No irrigation was needed last season.

Recently Mr. Dixon finished setting out 7,000 nectarberry and black raspberry plants. For real success Mr. Dixon always sets the plants in the fall. Last year he planted strawberry plants as late as January and never lost a plant, and they were in the ground ready for an early spring start.

The income from the entire berry patch in 1944 amounted to \$1,000 and in 1945 it was \$1,100.

Wouldn't Pay the Taxes

But Now Can Grow 75-Bushel Corn

A 320-ACRE Allen county farm, which wasn't paying taxes 6 years ago because of erosion and continuous cropping, now is producing corn that is making up to 75 bushels an acre.

This farm, first rented, then purchased by Ted R. Henegar, has been given the "works" in soil-building practices. The first experiment was in putting 3 tons of lime an acre on 16 acres, sowing to sweet clover, then plowing under the sweet clover. Some sweet clover has been plowed under every year for 5 years now, and clover has been used on all crop land at some time during the 5 years.

An average of 100 head of cattle is carried on the farm each year and all manure goes back on the land. But manure is scattered out. A thoro application on 20 acres a year is the system used and it pays off.

Eighty-two tons of lime were applied last year, and 2 tons of phosphate a year are used with applications of 110 pounds of 20 per cent an acre.

Even while growing corn, Mr. Henegar believes in doing something for the soil. So, he sows a small ratio of soybeans with the corn—between stalks if drilled and in the hills if check-rowed. No attempt is made to harvest the soybeans and they are disked under with the stalks the following spring. Use of soybeans with corn will not show up any one year, says Mr. Henegar, but will bring benefits over a period of years.

Flax or oats follow corn in the rotation with red clover, sweet clover or lespedeza following row crops.

Because alfalfa is hard to establish, this legume is not used in rotation. Instead, a permanent plot of 15 acres is used. As the stand wears out, it is plowed under and put to corn while a new alfalfa acreage is seeded.

Another reason for not using alfalfa in rotations is that it does not produce a good seed crop in the area, so red clover is used instead.

Five terraces totaling 10,000 feet

have been built, and contour farming is practiced on 30 acres. Corn yields have increased about 5 times what they were 6 years ago, and row crops and grain crops have shown steady increases in yields. All crops are marketed thru cattle and hogs.

Much credit for success of his program is given to hybrid corn by Mr. Henegar, who states that open-pollinated corn never has done well on the farm for some unknown reason.

Kansas Winners

As usual, the O'Bryan Ranch, Hiattville, came home with many of the top honors in hogs from the Chicago Market Fat Stock Show.

The O'Bryan Hampshires won the open class on carloads of swine weighing 271 to 300 pounds. Other winnings included: Open class Hampshire hogs, barrow, 231 to 270 pounds; 5 barrows, get of one sire; champion pen of barrows, medium weight. Reserve grand champion pen of barrows.

Two Kansans were among more than 50 farm youths announced as national winners of 8 major 4-H Club contests. Kenneth M. Wolf, Humboldt, was among 4 winners of the better crop methods contest, sponsored by the International Harvester Company. He will receive a \$200 scholarship. G. Jack Baird, Arkansas City, was one of 8 winners in the soil-saving contest, sponsored by the Firestone Tire and Rubber Company. He also will receive a \$200 scholarship.

Chicago Winners

Iowa farmers carried off the honors in both senior and junior divisions at the recent Chicago Market Fat Stock Show. Joe Juea, of Belmond, Ia., won senior and grand championship honors with his 1,105-pound Shorthorn entry. Robert Johnson, of Galva, Ia., won the junior and reserve championship with his Aberdeen-Angus entry.

Gallahan Brothers, of Milford, Ill., won the open championship on hogs, and the University of Kentucky on sheep. In the junior division Frank Trainor, Pontiac, Ill., was champion on hogs, and Wayne Disch, Evansville, Wis., on sheep.

A Good Price

The grand champion Shorthorn bull of the Shorthorn Congress, held in Chicago recently, sold for a record price of \$7,000. The bull, Edellyn Royal Leader 21, was shown by Thomas E. Wilson, of Waukegan, Ill., and sold to Hal Williams, Madera, Cal.

Sixty-six bulls were sold for a total of \$48,105.

Operated by Foot

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A MERRY CHRISTMAS TO YOU

SANTA CLAUS exists as certainly as love and generosity and devotion exist, and we know that they abound and give our lives great joy. No other event thruout the year carries to the children so much pleasant anticipation beforehand, and so much joy when it arrives and which leaves such happy memories, as does the Christmas time.

The Place Card

Unusual table decorations and 1 or 2 different dishes for the Christmas dinner will add to the fun. Let the children help make the place cards like the one shown here. Cut a hole in the top of an orange with the apple corer. Insert a peppermint stick of candy, a red-and-white striped one. Cut a tiny slit in the side of the orange into which a small white card bearing the name of the child may be inserted. Set this attractive and edible combination of place card and favor upon a bit of greenery at the children's plates.

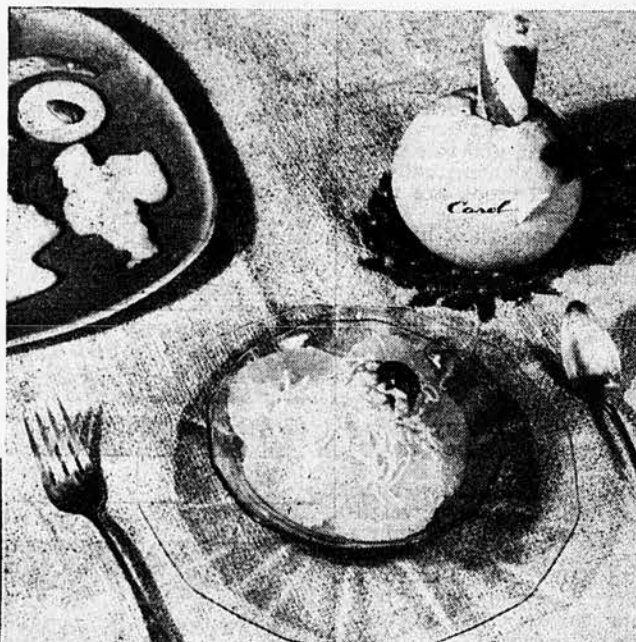
Holiday Sandwich Loaf

And would you like an unusual sandwich loaf, not too difficult to make? It's really simple, yet its cream cheese icing and gay red and green olive, pickle and pimento decorations lift it smack out of the class of ordinary sandwiches. Plan this for a special party, perhaps Christmas Eve.

To make it, use a loaf of white bread and a loaf of whole wheat. First remove the crusts and cut into slices lengthwise. Then spread with your favorite sandwich fillings, using 2 or 3 different kinds, perhaps egg salad,



By FLORENCE MCKINNEY



Little folks can make these Christmas place cards. It takes an orange, a card and a striped peppermint stick.

It's Christmasy to the last degree. A one-crust, deep-dish cranberry pie combining apples with the cranberries.

Just right for a Christmas week party—this Poinsettia salad, made of oranges, red sweet peppers and cream cheese.

Poinsettia Salad

Pictured is a salad that is suitable to serve on Christmas Eve, with perhaps a hearty sandwich, or with cheese spread on crispy crackers. For afternoon guests during Christmas week, this salad with wafers and tea will please everyone. It's Poinsettia salad.

- 3 large seedless oranges
- 2 red sweet peppers
- cream cheese
- paprika
- yellow food coloring

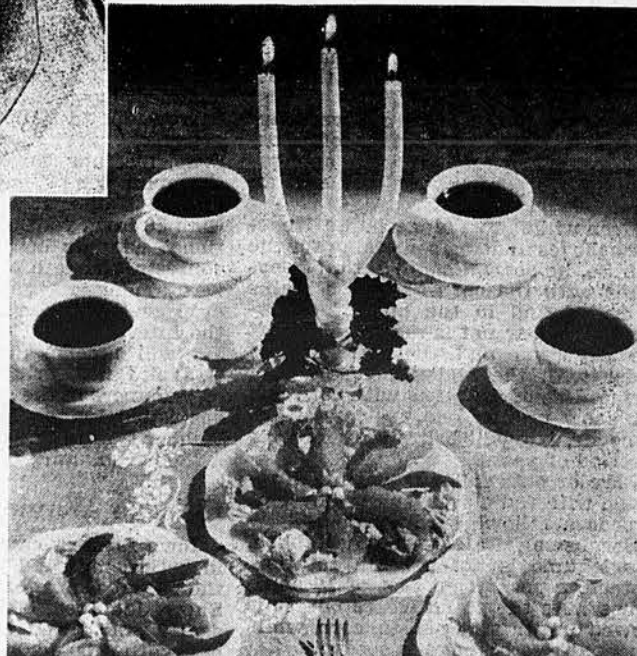
Peel the oranges and separate carefully into sections. Color the cheese with the yellow food coloring and make into tiny balls. Cut the peppers into long narrow strips. Place the orange sections on crisp white lettuce leaves on plates, radiating from the center like Poinsettia petals. Between the orange sections, lay the pepper strips. Make the flower centers of the tiny cheese balls. This may be served with either French salad dressing or mayonnaise. Let each serve himself to the dressing.

Deep-Dish Cranberry Pie

This is a 1-crust deep-dish pie combining cranberries with apples. Cranberries being right in season and suitable for the holidays because of their bright color, will add to the festive appearance of the Christmas dinner.

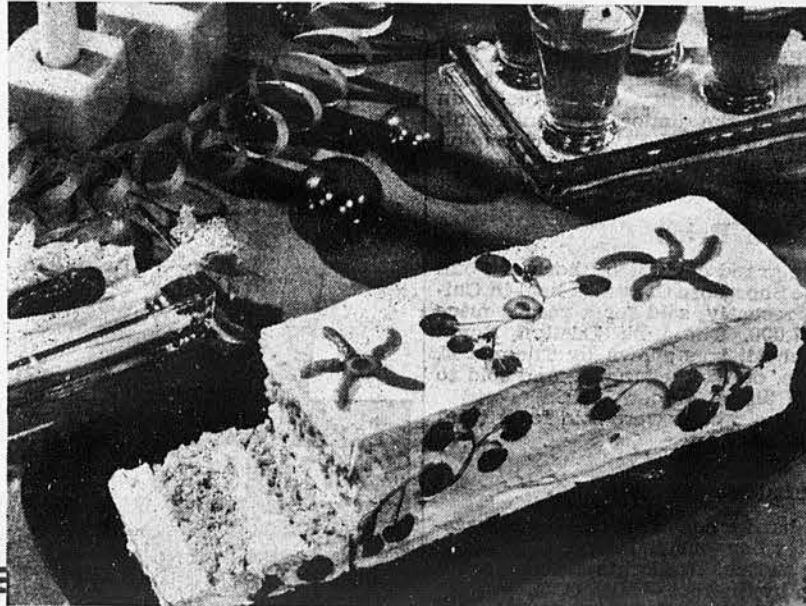
- 3 cups fresh cranberries
- 1 1/2 cups chopped apple
- 1/2 cup sugar
- 1/2 teaspoon cinnamon
- 1 cup currant or other jelly
- 1/2 lemon rind, grated
- 1 tablespoon lemon juice
- pie pastry for 1 crust

Combine the cranberries, apple, sugar, jelly, cinnamon, lemon rind and juice and let stand



cream cheese and chopped nuts, minced olive and cream cheese, one between each layer. When the 4 long slices have all been neatly put together so that you have a near regulation-size loaf, actually made up of 4 layers, prepare to ice the loaf. Mix enough cream with cream cheese to make it spread easily and cover the entire surface of the loaf. Cut olive slices, pickle petals and leaves, pimento, and decorate according to your taste. Set the loaf in your refrigerator until needed. It will stand for hours and really improve with standing.

To serve, cut slices down thru the loaf as you would a loaf of bread, giving each person a ribbon sandwich. For a Christmas party this sandwich loaf with spiced cider and relishes is certain to be admired, both for its taste and appearance. It's not too dainty for the men folks, either.



while making the pastry. Put it into a piepan and cover with the pastry. It may be enhanced by cutting out Christmas tree shapes. Do this by first cutting a pattern from paper, folding the pastry and cut out half the tree by the pattern. Brush the top of the pie with milk and bake in a hot oven (400° F.) about 50 minutes.

Christmas Taffy

With sugar supplies still short and rationed, plan the Christmas candy for more corn sirup, molasses, nuts and dried fruits. It spoils fewer appetites and causes fewer tummy aches. What's [Continued on Page 12]

Suitable for a Christmas Eve party is this sandwich loaf. Made of both white and dark breads, decorated in holiday style.

In the Last Minute Christmas Rush

For a rustic Yule-log centerpiece, use a foot-long log about 3 or 4 inches in diameter. Drill holes for candles at the ends and nail sturdy evergreen twigs to the base to keep it from rolling. Tack sprays of evergreen and sprigs of holly with red berries between the candles.

Should you have an abundance of black walnuts, a pound of kernels or even the whole nuts will make a most acceptable gift to the "have nots." Send along your favorite recipe which uses the nuts.

Send Christmas letters this year and tuck inside a tiny package of your favorite flower seeds. This may sound like a big order—but a Christmas card is just another card.

Christmas for the children lies as much, or even more, in the anticipation and preparation as in the actual celebration of the day itself. For this reason, let them help you with the planning, baking and decorating, even the shopping if old enough.

Bits of yarn, pine cones and greens can be used to make lapel ornaments that are gay and attractive gifts for all ages from the very young to grandmothers.

For young folks, old used toys with a new coat of paint are sometimes as valued as brand-new ones.

If you grew herbs this year, sage, basil, marjoram, caraway, savory or thyme, a package of the dried leaves will make a delightful gift that can be used the whole year. A thriving parsley plant will be a friendly reminder for the remainder of the year.

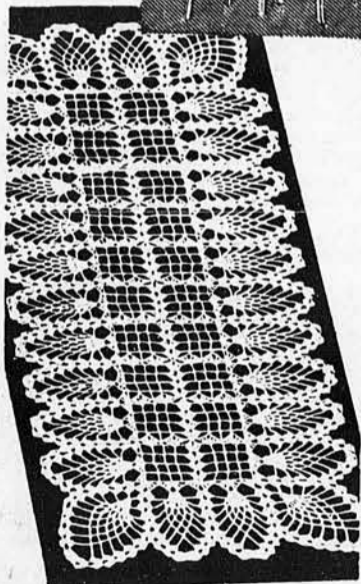
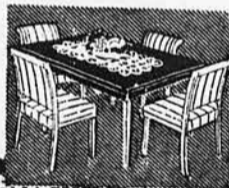
A tiny child will be thrilled with a stick horse made from an old sock and a broom handle. To make it, lop off a 3-foot piece of the broomstick. Stuff a sock with cotton, stick the broomstick well up into the padding and fasten to the stick. Make eyes, mouth and ears by outlining with yarn.

Save orange and lemon and grapefruit peel for the Christmas holidays. Cut into tiny strips, add sugar and a bit of water and cook a few minutes. You have tempting candy delights to vary the too-much-candy habit.

Gifts from the farm to your town friends may be your home-produced apples, nuts, fresh eggs or hominy, a few ripe pears, a jug of sweet cider, a little jar of honey, a bittersweet bouquet or some popcorn still on the cob.

For Scarfs and Mats

7006



Beginner's crochet, but the finished product has a prize-winning air about it. You always can find plenty of uses for scarfs and mats. It is ideal pickup work, and so inexpensive. Do it in single or double strand of thread. Directions are for both scarfs and mats.

Pattern 7006 will come to you for 15 cents, by writing the Needlework Editor, Kansas Farmer, Topeka.

Any town friend would love one of these gifts. Ever consider giving a bright yellow pumpkin?

To reduce work to a minimum on Christmas Day stuff the turkey, chicken or goose the previous day. Yeast icebox rolls may be prepared the day before as well as many kinds of salads.

Adopt some of the old-fashioned practices for the Christmas season. Stringing popcorn and cranberries for decoration is happy anticipation for the little folks.

A little apron made from a feed sack will make an attractive gift, considering the almost total lack of cotton prints on the store shelves.

Christmas Is Funny

Crackin' nuts and poppin' corn,
They've just now hauled in a tree;
'Hardly wait for Christmas morn,
Everything's so Christmasy.

Pa and Ma came in from town,
And they slipped in the back way,
Never threw a package down—
Never had a word to say.

Sent me out to get the wood,
As if I didn't want to see;
Said if I'd be awful good—
Just as good as good could be,

Santa Claus 'ud bring his pack
Right down our old chimney flue,
Leave for me the biggest sack
Of candy, nuts, tractor, too!

There's something spooky—ho—
hum—
I'll find out someday, I bet,
Every time Santa has come,
Pa and Ma knew what I'd get.

—Bertha Delaney Miller

Holiday Candies

FOR THE LAST MINUTE

With sugar rationed, little home-made candy will be made unless unrationed molasses, honey, corn sirup and dried fruit are used. These recipes yield good returns in both quality and flavor.

Peanut Clusters

| | |
|-----------------------|----------------------------------|
| ½ cup dark corn sirup | 1 tablespoon vinegar |
| ¼ cup molasses | 2½ cups shelled, roasted peanuts |
| ½ teaspoon salt | 2 tablespoons fat |

Mix together the sirup, molasses, salt and vinegar. Cook to 240° F. or until a small quantity in water forms a soft ball. Add the fat and pour over the peanuts. Mix quickly and drop by tablespoons on greased surface. This will make 20 pieces.

Fruit Balls

| | |
|--------------------|--------------------------|
| 1½ cup raisins | 1 cup prunes |
| ½ cup chopped nuts | 1 tablespoon lemon juice |
| Few grains of salt | |

Wash and dry the fruit, then grind thru a meat chopper. Add the nuts, lemon juice and salt. Make into balls, adding a few drops of water if too dry. One rounded teaspoon will make a ball. Roll in sugar. These may be stored in a tight tin box or jar. This candy is especially desirable for children.

Orange Sugared Nuts

| | |
|--------------------|-------------------------------|
| 1½ cups sugar | 1 teaspoon grated orange peel |
| ½ cup orange juice | 2 cups nuts |

Cook sugar and orange juice to 240° F. or soft-ball stage when a little is dropped into cold water. Remove from heat. Add orange peel and nuts. Stir until sirup begins to look cloudy. Before mixture hardens, drop by spoonfuls on waxed paper. Separate into desired size clusters.

Seed Christmas Gifts

Seeds from my choicest flowers are made into little packages, carefully labeled as to name, height, best location, and time for planting. These gifts serve as reminders of cherished friendships for months and years to come.—Mrs. R. E. L., Crawford Co.

Novel Kit

Mother's discarded pocketbook makes an ideal kit for salves, medicine and first-aid supplies needed in the barn, also in the auto.—N. M. J.



IT STAYS FRESH FOR WEEKS...YOU CAN BAKE AT A MOMENT'S NOTICE



Back from war!—

Fast-Acting FLEISCHMANN'S Gets to Work in Minutes!

● Fast Rising Fleischmann's Dry Yeast is here! IF YOU BAKE AT HOME—you'll cheer this quick-acting baking discovery that stays full-strength, potent for weeks on your pantry shelf . . . lets you turn out delicious bread quickly—at a moment's notice.

No more being "caught short" on baking day without yeast in the house . . . no spoiled dough because yeast weakened before you could use it.

With Fleischmann's Fast Rising, you can start baking any time—finish baking in "jig time." Just dissolve according to directions on the package—in a few minutes it's ready for action. Get Fast Rising Fleischmann's Dry Yeast today. At your grocer's.



**"It's NEW! It's DIFFERENT!
And What WONDERS It
Works For Your Baking!"**

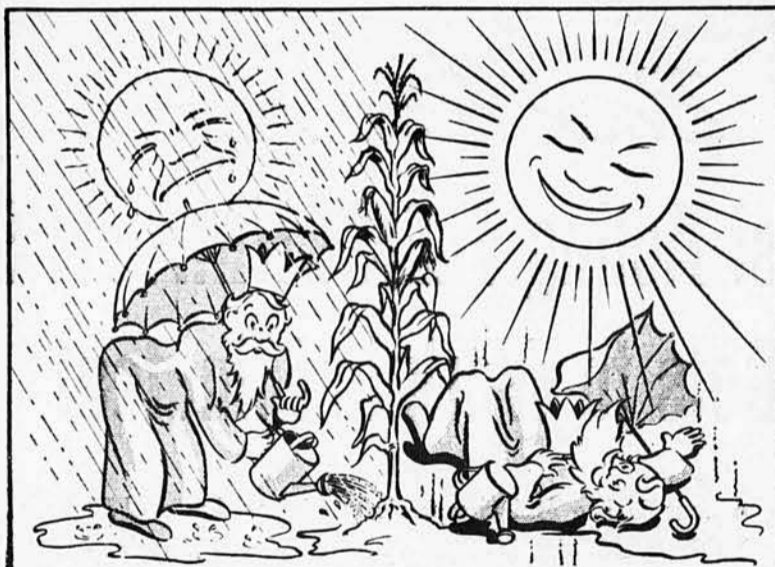
**THE NEW
RED STAR DRY YEAST**
Stays Fresh Without Refrigeration

Baking "wonders" like these are simple as ABC when you use the new Red Star Dry Yeast—the amazing new product that makes baking so much easier. This new Red Star Yeast is *not* the old-style Cake Yeast. It's *dry*... comes in granulated form—and it *stays fresh for weeks* without refrigeration.

Why not try some Red Star Dry Yeast yourself? You'll be amazed at how quick and easy it is! For, thousands of women every day are finding it the *new, easy* way to *better* baking. Your grocer has a supply now. Simply ask him for the new Red Star Dry Yeast.

★ It's fresh! Stays fresh for weeks without refrigeration!
★ It's fast! Starts working instantly!
★ It's easy! New brides become "baking stars!"

Try RED STAR DRY YEAST



SEEING IS BELIEVING

After seeing it planted late, then come through the cold, wet ground of a rainy spring and withstand a summer drought, many more farmers believe it's

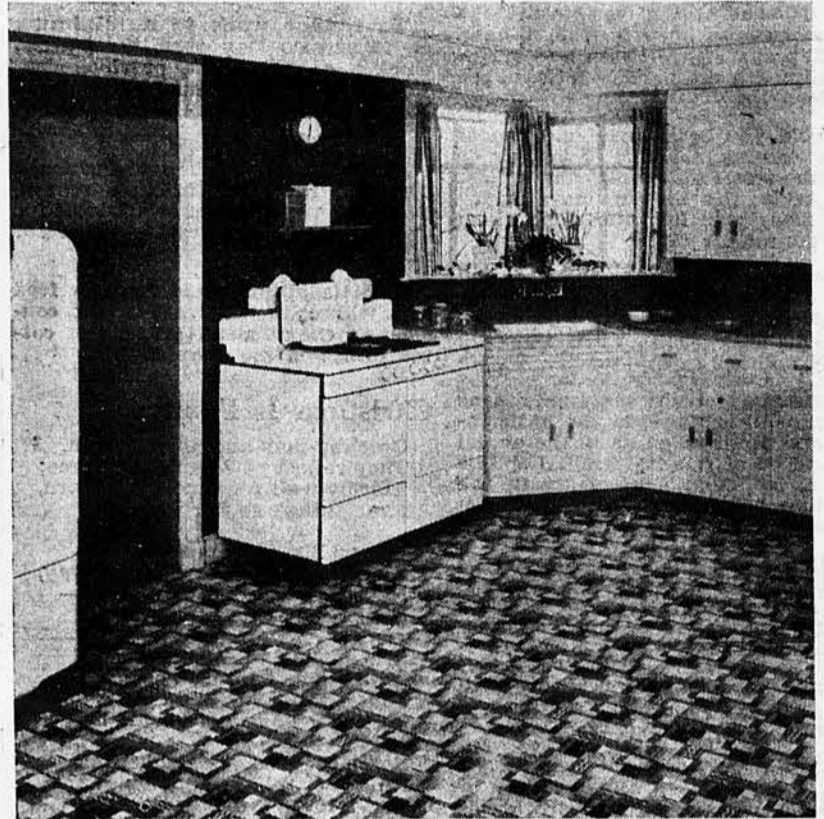
The Great Corn
with
STRONG VITALITY

PEPPARD'S
FUNKED
HYBRID

ORDER TODAY
From Your Nearest Peppard Seed Dealer Or Write
PEPPARD SEED COMPANY 1103 West 8th St.
Kansas City 7, Mo.

Triangular Shelf

Both Convenient and Decorative



A triangular shelf over the sink is convenient and decorative, particularly when used for potted plants in winter. This type of shelf is popular and recommended by home construction authorities.

Merry Christmas

(Continued from Page 10)

become of the old-fashioned taffy pull? Try it this year.

- 1 cup sugar
- 1 cup molasses
- 1 teaspoon butter

Cook sugar and molasses over low heat, stirring constantly until it cracks when dropped in cold water. If you have a sugar thermometer, cook until it reaches 256° F. Remove from the fire. Pour onto a greased platter or cookie sheet. When cool enough to handle, pull until a light even color. Cut into bars with scissors. To keep the hands from getting sticky keep them floured. If you make this ahead of the eating time, wrap in oiled paper. This recipe may be made richer and perhaps better by kneading 1 cup of coarsely chopped nuts into the candy after it has been pulled. Then form it into a roll about 1 inch in diameter and slice in 1-inch pieces, before wrapping in oiled paper.

Molasses Popcorn Balls

- 1½ cups molasses
- 1 tablespoon butter
- ¾ cup sugar
- 3 quarts popped corn

Cook the molasses and sugar together over direct heat until hard ball forms when dropped in cold water. On the sugar thermometer this is at 270° F. Remove from the fire and add the butter. Pour over the popped corn, stirring well with a large spoon. Let cool slightly, butter the fingers and shape into balls.

Uncooked Fruit Caramels

These use no sugar and are so easy to make even by little folks.

- 1 cup raisins
- 1 cup figs
- 1 cup pitted prunes
- 1 cup nuts, chopped
- 1 tablespoon grated orange peel
- 2 to 4 tablespoons orange juice

Put all the fruit and nuts thru the food chopper. Moisten to a paste with the orange juice and add the orange peel. Form into balls or cubes. Roll in sugar, either powdered or granulated.

Take Special Care

PROTECT CHILDREN

A bottle marked with a skull and crossbones means nothing to a 4-year-old. Last year the National Safety Council revealed that 1 out of every 3 persons killed by poisons in homes were tiny tots under 4. Only burns by fire, explosions and scalding took a greater toll of small children.

Mothers can do things that will cut down the probability of home accidents and resulting tragedies. First caution

is to store matches well out of reach of small children. They love to be in the kitchen with mother and a plan to allow this and yet maintain safeguards is to fix a play corner for their exclusive use. When canning or washing or doing other work with scalding water, take time to start them on some activity away from the kitchen. A busy contented tot is less likely to get into trouble. Store poisons far out of reach of small hands and explain why to all the older children who use them.

Turn handles of pots and skillets in so they will not extend beyond the stove and cannot be reached and knocked off by toddlers.

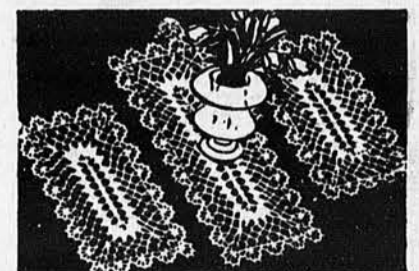
Apple Pie Supreme

With black walnuts plentiful in some areas in Kansas, an apple pie with plenty of them added will be a delight not soon forgotten. This recipe has the advantage of not having a rolled crust and even beginners will have success. Pare and slice enough apples to suit your piepan and taste.

- Sliced apples
- 1½ cups brown sugar
- 1 cup flour
- ½ cup butter
- ¾ cup chopped black walnuts
- 1 teaspoon cinnamon
- ¼ teaspoon salt

Arrange the apples in the pie plate or shallow baking pan. Add half the sugar. Mix the remaining ingredients together and spread over the apples and sugar to form the topping, pressing down around the edge. Bake 1 hour or until apples are tender, in a moderate oven (350° F.). This is best served warm.

Crochet Mats, Scarf



These crochet mats and scarf can be made in record time at very little cost. They launder easily, are easy to make as pickup work. These mats are 18 inches long, and the scarf 24 inches or any length you like. Directions for scarf, mats and stitches come with Pattern 690.

Pattern 690 may be obtained by sending 15 cents to the Needlework Editor, Kansas Farmer, Topeka.



**Cherished
SNAPSHOTS**
SHOULD BE
Fadeproofed

The look on the face of a boy holding his first dog . . . a year old's wonderful wisdom . . . a merry laugh. Those memories live, become more precious each day in snapshots that are clear and sharp and stay that way. And here's what it takes to give your pictures that clearness and permanency: (1) ELKO controlled developing which eliminates guesswork, assures sharper, more vivid prints, and (2) ELKO fade-proofing which keeps those prints crystal clear for years to come.

**TIRED OF SCRATCHED NEGATIVES?
WASHED OUT PRINTS?**

Then try ELKO. Chances are your favorite druggist is an ELKO dealer and features ELKO's fast, dependable service. If there is no convenient ELKO dealer, mail any roll of six or eight exposure film and 30c to ELKO. You'll get controlled developing and an ELKO fadeproofed print of each negative.

Address ELKO Photo Products Co. Dept. 1204
Kansas City 10, Mo.

ELKO *Fadeproofed*
SNAPSHOTS

IF IT'S NOT RIGHT, WE'LL MAKE IT RIGHT, WITHOUT EXPENSE TO YOU!

7 GREAT PLANTS
Kansas City, Mo. - St. Louis, Mo. - Dallas, Texas - Tulsa, Okla.
Oklahoma City, Okla. - Des Moines, Ia. - Sioux City, Ia.

**Pull the Trigger on
Lazy "Innards"**



WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards" and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S
SENNA LAXATIVE
CONTAINED IN **SYRUP PEPSIN**

**To Save Money,
Mix Your Cough
Relief at Home**

So Easy! No Cooking. Quick Relief.

Even if you're not interested in saving good money, you surely want a really effective relief for coughs due to colds. So try mixing it yourself, in your kitchen, and be ready for a surprise.

It's so easy to mix, a child could do it. Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking is needed. Or use corn syrup or liquid honey, instead of sugar syrup.

Put 2½ ounces of Pinex (obtained from any druggist) into a pint bottle. Then fill up with your syrup. This makes a pint—about four times as much for your money. It tastes good—children really like it. It lasts a family a long time, and never spoils.

But what you'll like most is the way it takes right hold of a cough. It loosens the phlegm, soothes irritations, and helps clear the air passages. Eases soreness, and lets you sleep. You'll say you've never seen its superior.

Pinex is a special compound of proven ingredients, in concentrated form, well known for quick action on throat and bronchial irritations. Try it, and if not really delighted, your money will be refunded.

**Farmers Union
States Program**

THE Kansas Farmers Union climaxed its annual convention November 28 with the re-election of E. K. Dean, Salina, as president. Other officers for the new year are Homer Spence, McPherson, re-elected vice-president; George Rinehart, Parsons, secretary-treasurer; Rueben Peterson, McPherson, 4th district board member; and Ray Henry, Stafford 5th district board member.

Highlights of a sound agricultural program, as outlined by delegates to the convention, include:

Development of the Arkansas Valley under an Authority patterned after TVA, adoption of the MVA program, a food stamp or allotment program, American participation in international commodity agreements, maintenance of support prices thru self-liquidating disposal of surpluses, return of costs of soil-conservation practices, direct disposal to people of surplus Government war goods, maximum opportunities for veterans to become family farm operators.

Also, control of land price inflation thru 95 per cent tax on profits from speculative land transactions; establishment of public appraisal system to advise on true farm values; development of public and other lands thru irrigation, drainage, and reclamation processes; more encouragement to family-size farm thru increasing shares of national production quotas; extension of minimum hourly wage rates to farm laborers; extension of social security benefits to agriculture; adoption of President Truman's health program; maintenance of Federal credit at reasonable interest rates as required by family farmers to maintain adequate-sized operations or to expand to such size; adoption of Federal fertilizer program thru co-operatives, where possible; Federal crop insurance up to 100 per cent loss.

Repeal of tax on non-highway gas to finance highways; opposition to any law attempting to tax co-operative dividends; oppose Loan Shark Bill or any measure legalizing interest as high as 42 per cent on short-term loans; approve state control of Casualty Insurance rates; reorganization of Kansas State College extension service to make it completely independent, without affiliation with any farm organization; endorse present school reorganization program; approve wheat varieties bill authorizing variety analysis; approve boosting state legislative pay from \$3 daily to \$8, plus train fares to and from sessions.

New Meat Idea

The meat trade expects an enormous increase in sales of pre-cut, pre-wrapped fresh frozen meats, introducing greater efficiency for both seller and customer. The skilled butcher will cut meat. A sales person then will package it in transparent paper, label it, and make the sale.

This would mean raising price per pound, but would be a saving because the charge would be for meat only. It would save transportation charges for waste that could be usefully disposed of by the packing plant.

Quickly Made Culvert

Four old oil drums will make a serviceable culvert for the driveway or lane leading to the fields, by simply removing the ends.—L. E. R.



"What's so wonderful about it? Where else could water possibly go but down?"



* **FLOWS FREELY**
at zero or below

* **STANDS UP**
at boiling or above

You can rely upon Champlin HI-V-I . . . the new fighting aviation oil . . . to give your tractor the swift, sure lubrication it needs in winter.

At the first turn of the motor . . . even at zero or below . . . it flows freely . . . assuring instant lubrication. This protects close-fitting, moving parts against friction, wear, and damage.

After the motor gets hot, even extreme temperatures . . . boiling or above . . . fail to break it down or thin it out.

You see Champlin HI-V-I was developed with this special TWIN-ACTION to meet the all weather demands of our air forces. An amazing new sol-

vent, N-HEXANE, is used to thoroughly de-wax it, producing a remarkable new cold pour test rating. Then, it is built with a high viscosity index for extra stamina to withstand excessive motor temperatures, pressures, and speeds.

You can buy Champlin HI-V-I in bulk or refinery sealed cans from friendly Champlin service stations and dealers.

CHAMPLIN REFINING CO.
Producers, Refiners, and Distributors of
Petroleum Products Since 1916.
Enid, Oklahoma

DISTRIBUTORS-DEALERS. If you are an established distributor or dealer, write for full details about Champlin HI-V-I and the complete line of Champlin quality petroleum products. Many splendid territories are still open.

CHAMPLIN
Hi-VI Motor Oil
"ON THE GROUND . . . OR IN THE SKY"

**Can't Keep
Grandma In
Her Chair**

She's as Lively as a Youngster—
Now her Backache is better

Many sufferers relieve nagging backache quickly, once they discover that the real cause of their trouble may be tired kidneys.

The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 3 pints a day.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, used successfully by millions for over 40 years. They give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

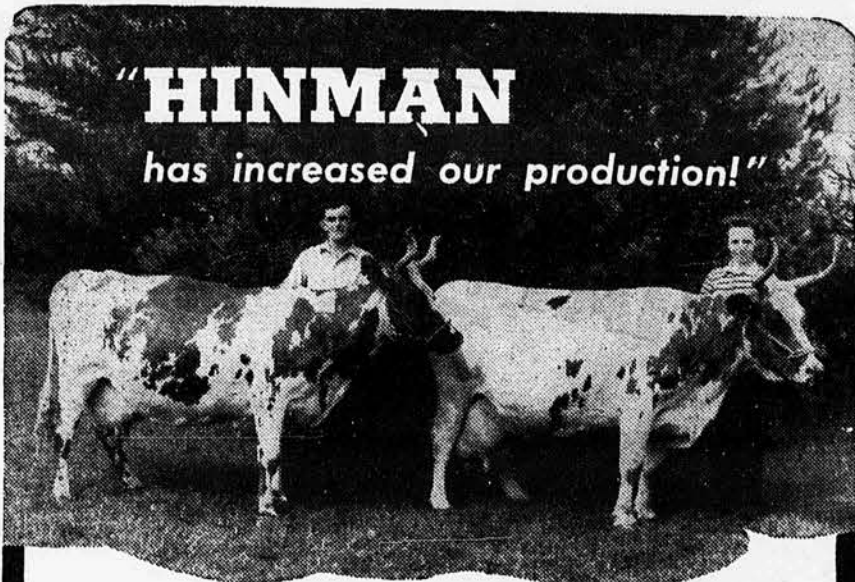
**Free for Asthma
During Winter**

If you suffer with those terrible attacks of Asthma when it is cold and damp; if raw, wintry winds make you choke as if each gasp for breath was the very last; if restful sleep is impossible because of the struggle to breathe; if you feel the disease is slowly wearing your life away, don't fail to send at once to the Frontier Asthma Co. for a free trial of a remarkable method. No matter where you live or whether you have any faith in any remedy under the Sun, send for this free trial. If you have suffered for a lifetime and tried everything you could learn of without relief; even if you are utterly discouraged, do not abandon hope but send today for this free trial. It will cost you nothing. Address

Frontier Asthma Co. 646-S Frontier Bldg.
462 Niagara Street, Buffalo 1, New York

Acid Indigestion

Relieved in 5 minutes or double your money back
When excess stomach acid causes painful, suffocating gas, sour stomach and heartburn, doctors usually prescribe the fastest acting medicine known for symptomatic relief—medicines like those in Bell-ans Tablets. No laxative. Bell-ans brings comfort in a jiffy or double your money back on return of bottle to us. 25c at all druggists.



"HINMAN
has increased our production!"

"Low-Vacuum is easier on the udder!"

Mr. D. Bruce Russell and daughter with two great Ayrshires. Both in the 100,000 lb. club.

Writes enthusiastic Hinman-user, D. Bruce Russell, Supt., COLE FARM, Richboro, Bucks County, Penna.

"We have used the HINMAN Milking Machine for 3 1/2 years with very satisfactory results. It is economical and thorough in operation and has increased our production with no damage to the cows. At present we are using your machine on our herd of 60 Registered Ayrshire cows. It is used on the first calf heifers, with no stripping, which has proven very satisfactory. **WE LIKE THE LOW-VACUUM AS IT IS MUCH EASIER ON THE UDDER."**

WE'VE INCREASED THE PRODUCTION OF HINMANS!



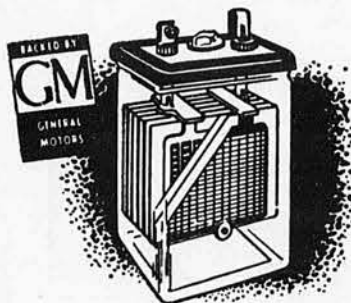
Here's the news you've been waiting for! Our newly enlarged factory is in operation—more materials are becoming available—and we're turning out more HINMAN Milkers than ever before. Associates of the late Ralph L. Hinman, pioneer milking machine manufacturer, together with members of his family who have been serving in the Armed Forces, are carrying forward Mr. Hinman's plans for postwar expansion of production and service.

Hinman Milking Machine Co., Inc.
Oneida, N. Y.

HINMAN Low-Vacuum MILKER



THE STRONGEST LINK IN YOUR FARM ELECTRICAL SYSTEM



Delco batteries and local Delco service are a combination you can depend upon to keep your electrical service on a 24-hour schedule.

Delco batteries are the hardest working and least costly of any on the market—and your Delco dealer will keep them that way.

See your local Delco dealer today. He has the answer to your power problem.

DELCO DEALERS IN KANSAS

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| COLBY—W. E. Buford | JOHNSON—Cecil Cave | SCOTT CITY—Hoover Electric |
| COLDWATER—Rural Gas & Electric | LARNED—Cobb Electric | |
| DIGHTON—Farmers Co-Op Oil | LEOTI—Western Hardware | |
| DODGE CITY—Western Farm & Home Supply | MANHATTAN—C. A. Powell & Sons | |
| EUREKA—Paul Jones Machine & Welding | MEADE—Brown Furniture | |
| GARDEN CITY—A. J. Ingram | MEDICINE LODGE—Dickey Appliance Co. | |
| GOODLAND—Rural Electric Supply | NESS CITY—Ness City Lumber Co. | |
| GREAT BEND—Home Appliance | OSAGE CITY—J. C. Lundholm | |
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General Products
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Factory Distributors—Delco and Diesel Light Plants, Batteries, Wind Generators, Water Systems, Milkers, Separators, Dairy Supplies, Parts

Mention Kansas Farmer When Writing Advertisers

Give Someone a Boost

BY KANSAS FARM FOLKS

WHILE living in Missouri in 1914, we had a very large corn crop which husband and I had raised, but found the task of gathering it beyond our ability, and help was badly needed. One day husband went to town looking for help. Stopping where a rock road was being built, he asked some of the men whether they knew of anyone wanting a job husking corn. He was told a young man on the job had been wanting farm work.

Husband looked him up and the lad agreed to come and help us as soon as he could be dismissed from the road work. I was a little reluctant about getting one from public road work. However, he came and a better hand one could not wish to have.

After husking the corn, husband asked him what he planned on doing. He replied, "Another fellow and I are going to work in the timber to make expenses until something better shows up." Husband told him he could leave his clothes at our house, and when he had nothing else to do he could help with the chores for his board and room. He said, "Mr.—, that is the first time anyone ever offered me anything like that. So I am leaving my clothes and will be seeing you again before long."

He was with us most of the winter, and the first of March husband hired him for the year. He was with us 3 years, then the following spring he had the opportunity to rent 50 acres of clover sod for corn but was very reluctant to do so. It took a lot of persuading to get him to consent, for he said, he did not have anything to farm with. But husband told him he would help him.

"If you folks have so much confidence in me," he said, "I should have some in myself. So I will rent the ground and see what I can do." Husband said, "You will see at the end of the season how much better off you will be."

We sold him the team of mules he had worked, to be paid for after the season was over. Helped him get a wagon and other tools needed, also helped to furnish his shack where he batched. The neighbors also helped in providing eats such as pie, cookies, bread and other things that one enjoys when batching. He put up a box at his gate and called it "donation box," and when any of us were going to town we put our contributions in the box. And he always looked in the box before he ate.

After his corn was laid by he started with team and wagon, helping to harvest and thresh. When season was over he had earned enough besides his crop to pay for the team, and after all bills were paid he was better than \$1,000 to the good. Today he has a lovely modern suburban of 10 acres, with greenhouse, where he has been and is at present a very successful gardener. His home adjoins a thriving town. He has a lovely wife and had 2 grown children. However, his son was lost in action about a year ago near New Caledonia, so he also has made his sacrifice for the good of our country.

He has never forgotten the little boost we gave him and he has certainly made a very useful and influential citizen. He often says, "I can thank you and Uncle Bill (he is not related to us) for my success and home." A little boost sometimes to a worthy soul often means the making of a wonderful person who otherwise would fail. Give a boost wherever you can.—P. F., Kansas.

The Right Word

Since reading the article in Kansas Farmer entitled, "We Saved a Doctor," my thoughts went back 40 years to several discussions I had with a young schoolteacher in a small town on the subject of education. Being older than he, and having cares of life on me which he did not have, I realized the greatest mistake I ever made was neglecting to go to school. I advised him to go on to school and we talked about it often. When his term of school was ended we drifted away from each other and I did not see him for 25 or 30 years, but saw his name in the papers occasionally.

After all these years I met him in a store in Topeka and finally recognized him to be Earl G. He is now at the head of a large business firm, a position he could not have held had he not

continued school for several years.

We talked for half an hour, our conversation naturally drifting back to old times and old subjects, and he told me my advice on education had more to do with his success than any other thing. The right word at the right time can change a life, and a wrong word can ruin it. If we just had the wisdom to say the right thing at the right time!—M. E.

He Came Home

Coming home—yes, our soldier came home after all those months of waiting, fearing, hoping and praying. Came home to us with only a tiny scar, for which he gave God credit that it was no worse.

How does it feel to hear those words which the radio has made so familiar, "Hello, Mom, I'm home!" I'll tell you! Your heart feels as if all the blood in your body is trying to get thru it at once, you want to faint, the relief is so great. But that voice is there in your ear demanding an answer, so you pull yourself together and find you have strength enough to say, "Oh, Son! I'm so glad! When will we be seeing you? Are you well?"

Back in your subconscious mind you are saying, "Thank you, God! Oh, thank you!" Praying has become an unconscious habit these last few years.

We wait a few days for him to clear the separation center, then we hear the old familiar rattle of the Model A we have heard so many nights in fancy as we lie awake thinking, praying. No one need tell us who is at the wheel of that car, so out the door we troop. The shouts we had planned to welcome him with just aren't there. The heart is too full of joy for mere vocal expression.

His long, strong arms try to hold us all as we all try to get both arms about that dear, wonderful physique we were so afraid we would never see again. We stand silent trying to hold back the tears of joy, until someone remembers his little wife sitting quietly in the car. In welcoming her we come back to earth, as it were. And life moves on again.—C. F. N.

New Herd Book

A new-type herd record book for all regular D. F. R. A. members will go into use early in 1946, it is announced from Kansas State College.

The new book is loose-leaf with each cow having a page for 4 years of records. Also a place to keep calving records on each cow for 6 years.

A page will be available to record the pedigree of a herd sire, with space for an arrow chart and the reproduction record. There also will be pages for various kinds of herd averages and summaries up to 10 years.

In the back will be a place for the proved sire records and herd analysis. All these records will fit into one book, easily handled, and always available. The new books will be given out at the annual meetings.

Overalls Look New

Since colors and materials are not of the same quality during these war days, this hint will keep uniforms and overalls new looking. In the last rinse water add the following: 1 quart of cooked starch, 1 cup of salt, 1/2 cup of bluing. You will find garments keep their shape, look better and dirt washes out much easier if this hint is tried.—Mrs. W. S.



"And now a special message for the ladies from Grandma Gray!"

More Interest In Children

LATE last month 100 members of the Kansas Council for Children met in Topeka to elect officers and discuss matters pertaining to the welfare of Kansas children. Two years ago, all the agencies and organizations in the state working in the field of health, education and child welfare were invited to unite their efforts in a Council for Children. Today there are more than 50 state-wide agencies and 40 local organizations represented on this council. Thousands of Kansas professional workers are represented.

Delinquency, neglect, dependency and mental deficiency among children and adolescents are serious problems in peacetime and they have been accentuated during the stress of war. Leaders in the council have long realized that Kansas statutes were not adequate for the needs of the present time. There has been little legislation directly affecting children in the courts since 1905. Much has been learned about improved methods of handling children in the last 40 years.

The council presented improved legislation to the members of the last legislature and met with only fair results. They proposed that the facilities of the receiving home at Atchison be increased to care for 50 children. This

passed as proposed. They were unsuccessful in obtaining approval of their proposal to license boarding homes for homeless children. The legislature also failed to pass legislation to protect children and parents involved in adoptions. Favorable action, however, was taken to increase the facilities for feeble-minded children. Premarital examinations and compulsory immunization and vaccination failed to pass.

These are some of the problems being studied by this council. They have outlined 9 new legislative proposals which they hope to present to the next legislature. Some of these involve psychiatric treatment for young children, improvement of the adoption laws, licensing of children's agencies and boarding homes, improvement of laws relating to handling of children in courts, and a change of location and enlargement of the receiving home now located at Atchison.

At the annual meeting the following officers were elected to serve during 1946: Chairman, John Geisel, Ph.D., director of Southard School, Topeka; vice-chairman, Mrs. Albert Kushner, Topeka, who will represent the Federated Women's Clubs; secretary-treasurer, Dr. Paul Ensign, Topeka, of the State Board of Health.

Dedicate New Corn Plant

THE Kansas Farmers Union Central Co-ops dedicated their new hybrid seed corn plant at St. Marys, November 29, with an all-day celebration.

Open house was held at the plant and Kansas Farmers Union headquarters during the day. Other festivities included a parade, a barbecue dinner, and dance. Dedication addresses were made by James G. Patton, president of National Farmers Union, and Father Daniel Conway, rector of St. Marys College.

The new plant, completed this fall, is a final outcome to a hybrid corn production program started in 1942. Twenty-four farmers in the St. Marys, Winifred, Manhattan, Topeka, Ionia, and Overbrook areas now are growing KFU hybrids to be handled thru the new plant.

First operation in handling this seed corn is to sort it, taking out all off-type ears and damaged corn. Clean corn left is carried on a conveyor from the sorting table to the drying bins.

After a bin has been filled, hot air from the drying furnace is forced thru the corn until moisture content is brought down to a proper shelling and grading point.

Once dried, the corn is put on another conveyor belt to the sheller, from which it falls by gravity into the cleaner to be separated from dirt and cobs.

Clean corn then is elevated to the top of the grading tower. This tower has 5 floors. On the top floor there is a storage bin. Starting from here, the corn goes down one floor for another cleaning and first grading. First grading consists of running the corn thru a thickness grader, which separates it into 3 groups—2 groups of flat kernels and 1 of round kernels.

From the thickness grader there are 3 spouts that run directly into 3 width graders on the next floor down.

Width grading is done with 3 cylinder graders. After going thru these,

the corn drops into bins under the grading tower. On the next floor down there are 2 length graders. Here each kernel size is separated into 2 length groups. This ends the sizing and corn now is ready to run over a gravity table on the main floor.

The gravity table takes out of the seed any rotten kernels that may have been missed previously, and any corn cracked during the grading process.

From the gravity table, corn is elevated into a treating bin and dropped from the bin into the treater. Once treated, it is bagged and the bags sewed, ready to be wheeled into the warehouse for storage until sold.

Held Corn Contest

An unusual hybrid corn contest was sponsored this past year by Carl Billman, Jackson county producer of Kansas certified hybrid seed corn. Last spring he gave one half bushel of seed corn to each of 60 4-H Club boys and vocational agriculture students in Jackson county. Three varieties were used.

This corn was planted and raised by the boys, who then entered 10-ear samples from their plots in a show and school held at Holton, November 29. Distribution of seed and rules for the show were under direction of Harry Duckers, county agent. L. E. Willoughby, Kansas State College extension agronomist, judged the entries and conducted a school on selection of 10-ear samples.

Mr. Billman awarded a grand prize of a purebred registered Spotted Poland China weanling gilt, and first and second prizes of 1 bushel and one half bushel of seed corn respectively to winners.

Joe Keller, of the Pleasant Valley 4-H Club, Holton, won first place in his class and grand prize. Second went to Lucerne Smith, Holton. The best sample in another class was shown by Jack Long, Hoyt, with Jim Davis, Holton, getting second. Harold Knouff, Holton, won a class with Lyle Parrett, Holton, placing second. This contest will be held again next year, announces Mr. Billman.

White Diffuses Light

Whitewashing the walls in poultry houses where artificial light is used, aids in diffusing the light over the roosts as well as on the floor and feed hoppers. This method has resulted in chickens eating more and laying more eggs.—A. B. C.

Winter Seasoning

I plant an onion in the fall in a small pot and set it in the kitchen window. Then when preparing a salad or other food calling for onion, I clip the top with scissors and add to food. The onion top will grow larger as plant is cut.—Mrs. C. B.



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Towering over all other buildings in St. Marys, is this new hybrid seed corn plant, dedicated November 29, by the Kansas Farmers Union Central Co-ops.



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If You Have Heart Trouble

By CHARLES H. LERRIGO, M. D.

CARDIOLOGISTS are the doctors we know as heart specialists. One said to me recently: "Too many persons live in fear of heart disease; perhaps because father or mother died of heart failure; perhaps because of an ill-defined pain in the chest. I protest that the heart action of a healthy person calls for no attention from the individual who is well and strong. Anxiety about its function will surely do more harm than good. But I fully agree that a genuine heart disability must be watched."



Dr. Lerrigo

Unfortunately, some of us, even young adults who may be the picture of health, do have the misfortune to carry heart defects. Such irregularities may not incapacitate the heart for ordinary work yet make a decided difference when that invaluable organ is overloaded.

The heart is a hollow ball of muscular tissue divided into several chambers. Its outlets and inlets are guarded by snug valves. When a valve is defective Nature makes the surrounding heart muscle do more work and thus give "compensation." So long as this compensation is maintained the leak is stopped. If, however, the whole heart is put under such a strain that it becomes weary and overworked, the muscle weakens, the "compensation" is lost. Then collapse occurs and the only remedy is rest in bed until the heart muscle can renew its tone and vigor.

Weather makes quite a difference. Mild weather is easy on circulation, but extremes of cold or heat are not. In severely cold winters the patient with a heart below par must coddle himself somewhat. It must also be remembered that summer work added to the depression of unbearably hot days causes strain on anyone, well or ill. It gives the heart an extra load to carry.

Persons with heart trouble should recognize these facts and lighten the load. Do they? Seldom or never until friend heart rebels and goes on strike. Then there is no question about the matter.

You feel well enough so long as the

heart carries its load without a murmur, but when it begins to falter, so must you. Your doctor probably orders you to bed. If you have good sense you stay there until the heart muscle has "caught up." This is sure to mean weeks and may mean months, but the result is that you live out your span in comparatively good health.

The foolish person who will rest "only so long as is absolutely necessary" gives the heart no chance to rally and soon there is one more victim of "heart failure."

The patient with poor heart may expect length of days if he is willing to pay the price of exercising sense in the regulation of his activities and indulgences. My special letter "Hints About the Heart" is available for any subscriber who writes to Dr. C. H. Lerrigo, care of Kansas Farmer, and sends with his request a stamped, self-addressed reply envelope.

Prevent Sticking

When caster cups stick to the linoleum, I pour hot water into them, being careful the water isn't hot enough to break them. In a moment the glass will loosen with no damage to the linoleum. —M. O.

Safe Method

A smooth, strong stick, about 40 inches long, with a deep notch in one end, is a handy apparatus for lifting pictures from the wall. It is a time-saver and avoids the use of the dangerous stepladder. —X. Y. Z., Atchison Co.

Step-Saving Storage

Carefully planned storage in farm homes is a time-and-energy saver for the family. In the Kansas State College Extension bulletin, "Storage in Rural Homes," there are many suggestions with illustrations, for step-saving storage in the kitchen, laundry, bath, bedrooms and living-room. This 42-page book will be sent free upon request to anyone interested. Please ask for Circular No. 141, and address Farm Service Editor, Kansas Farmer, Topeka.

Thanks From These Children

By J. M. PARKS, Secretary
The Capper Foundation for Crippled Children

CHRISTMAS DAY, 1945, marks the 25th milestone of the Capper Foundation for Crippled Children. During the last quarter century the foundation has provided treatment for hundreds of handicapped boys and girls whose families could not bear the expense. Many of these are living normal lives. Others have been greatly improved.

This is an accomplishment of which the founder, Arthur Capper, is very proud. But all thru the years he has had a vision of even greater service to the unfortunate children of the future. He has dreamed of a great hospital where everything known to medical science can be done to make crippled children well and happy.

The 25th anniversary of the Capper Foundation comes at a time when money is more plentiful than usual, when many have suffered the loss of dear ones, when the hearts of all have become more tender because of broken homes due to the war. For these reasons friends in great numbers are remembering the crippled children with generous gifts. Not only have donations come in the form of dimes, quarters and dollars, but quite a number run into sizable amounts.

One Kansas mother gave \$400 "In memory of my dear son." A husband gave \$500 in memory of his wife. An Iowa woman gave a similar amount in memory of a departed friend. A California woman gave \$2,000 in memory of her parents. A Kansas woman on departing this life, left her entire belongings amounting to \$18,000 to the Capper Foundation. Many others have given in memory of sons or friends

lost in service. These are examples worthy to be followed.

Recently persons in 4 different states have made wills in which they have bequeathed all or a part of their property to the Capper Foundation.

All of this fits beautifully into the permanent pattern which seems to be shaping up according to Senator Capper's most cherished dream. For the present, the Foundation will go right on sending handicapped children to approved hospitals in all parts of the country, but accumulating funds not needed for this expense will be laid aside for a possible building program.

Among the many patients now being treated by the Capper Foundation is Wallace, a 14-year-old Kansas boy, who has been unable to walk for four years because of an attack of infantile paralysis. Since the Capper Foundation sent him to a hospital he has outgrown his crutches, his braces and his shoes. It is believed that Wallace will continue improving right along, altho this long delay in treatment may mean that he will never be entirely well.

We advise parents who have handicapped children to report to the foundation promptly so examinations can be made by specialists without delay. Quick action may mean the difference between success and failure in the treatment of a child.

Ask for a free copy of the story of the Capper Foundation. It contains details of our plan of work, also information about the different ways to give or make a bequest to the Foundation. Send your contribution, large or small, to the Capper Foundation for Crippled Children, Topeka, Kan.

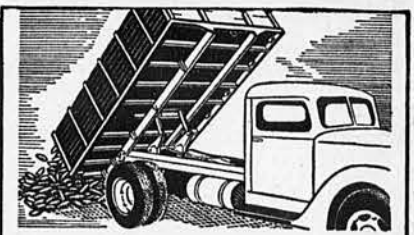
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Who Won Poultry Honors

At Recent Exposition Held in Topeka

FIFTEEN hundred birds from 15 states and Canada were entered this year in the Kansas Poultry Exposition held at Topeka, November 27 to 30. Large crowds attended the show and the various programs presented.

M. A. Seaton, Kansas State College Extension poultry specialist, was elected to the board of directors of the Kansas State Poultry Breeders' Association to fill the unexpired term of the late Roy Smith, of Edmond. Three retiring members of the board all were re-elected. They are D. D. Colglazier, Hutchinson; W. F. Caskey, Topeka; and L. D. Fike, Council Grove. Members of the board then re-elected Mr. Colglazier as president. Floyd Crist, of Quinter, was chosen as vice-president, and J. R. Cowdrey, Topeka, was re-elected secretary-treasurer.

The Kansas Poultry Improvement Association chose Eustace Coombs, of Sedgwick, as chairman of the executive committee. Jule Derruseau, Clyde, was elected vice-chairman. Board members elected for 1946 were Dr. E. E. Boyd, Stafford; Frank Kidwell, Powhattan; Earl Cook, Dillon; Floyd Fike, Ramona; Frank Wills, Lyons; Richard Campbell, Stillwell; and M. A. Seaton, Kansas State College.

Top winners in the show were as follows:

Champion bird of show, A. K. Freeman, Fort Worth, Texas, Black Langshan hen; champion old pen, J. G. Vos, Clay Center, Buff Orpingtons; champion young pen, Mrs. Harry Folsche, Troy, S. C. R. I. Reds; champion cockerel, A. O. Lile, Corbin, S. C. R. I. Red; champion hen, A. K. Freeman, Black Langshan; champion pullet, William Jones, Springfield, Mo., Std. Dark Cornish; champion turkey, Phil Ingersoll, Michigan Valley, B. B. Bronze hen; champion bantam, W. F. Caskey, Topeka, Black Cochinchin cockerel.

Other top winners by breeds were: Single Comb White Leghorns—T. W. Spachek, Lincolnville, 1 cock; Vernon Welch, Scottsbluff, Nebr., 1 hen, 1 young pen; Max French, Jamestown, 1 cockerel, 1 pullet.

Rose Comb White Leghorns—Walter Hoffman, Nortonville, all placings.

White Langshans—Mrs. W. E. Weltmer, Hiawatha, all placings.

White Jersey Giants—Walter Hoffman, Nortonville, all placings.

White Wyandottes—Mrs. W. E. Weltmer, Hiawatha, all placings.

S. C. White Minorcas—Walter Hoffman, Nortonville, all placings.

Rose Comb White Minorcas—Walter Hoffman, all placings.

White Cochinchin Bantams—Roby Knopf, Junction City, 1 cock, 1 hen, 1 young pen; W. J. Parrish, Aurora Colo., 1 cockerel, 1 pullet.

White Plymouth Rocks—Farmers Produce Hatchery, Burlington, 1 old pen, 1 young pen; T. D. Williams, Topeka, 1 cock; T. J. Mackey, Topeka, 1 hen, 1 cockerel, 1 pullet.

Std. White Cornish—E. J. Bradley, Austin, Texas, 1 hen; Cash A. Gray, Topeka, 1 cock; Neal L. Rensing, Marshall, Mo., 1 old pen; Rudolf Paclik, Gainesville, Texas, 1 young pen.

New Hampshires—Farmers Produce Hatchery, Burlington, 1 cock; Smith Hatchery and Poultry Farm, Clyde, 1 hen, 1 cockerel, 1 old pen, 1 young pen; John O'Gara, Topeka, 1 pullet.

S. C. White Leghorn Bantams—Mrs. Robert E. Joy, Denver, Colo., 1 cock, 1 hen, 1 cockerel, 1 old pen, 1 young pen.

Std. Dark Cornish—George C. Spradling, Wichita, 1 pullet, 1 young pen; Jack B. Rensing, Fort Scott, 1 hen, 1 old pen; William Jones, Springfield, Mo., 1 old pen, 1 cock, 1 cockerel.

Black Australorps—B. E. Raddick, Jr., Hutchinson, 1 cock; Harold DeWerrf, Ellinwood, 1 hen, 1 pullet, 1 young pen; L. D. Fike, Council Grove, 1 cockerel.

S. C. Rhode Island Reds—A. O. Lile, Corbin, 1 cock, 1 cockerel; Morgan Craven, Grandview, Mo., 1 pullet, 1 old pen; Earl H. Kelly, Stafford, 1 hen; Mrs. Harry Folsche, Troy, 1 young pen.

Rose Comb Rhode Island Reds—H. L. Files, Quinter, all placings.

Barred Plymouth Rocks—B. E. Raddick, Jr., Hutchinson, 1 cockerel, 1 pullet, 1 hen.

Std. Black Cornish—Francis Novinger, Burlington, 1 hen; H. G. Aldinger, Dallas, Texas, 1 cockerel.

Barred Plymouth Rock Bantams—Claude E. Ramsay, Spartanburg, S. C., 1 cock, 1 hen, 1 old pen; R. H. Sturgeon, Hutchinson, 1 cockerel; George W. Stump, Red Lion, Pa., 1 pullet; Mrs. A. A. Roberts, Frura Bush, N. Y., 1 young pen.

Rose Comb Black Minorcas—Mrs. W. E. Weltmer, Hiawatha, all placings.

White Laced Red Cornish Std.—Low's Quality Cornish Yards, Rosemead, Calif., 1 cock, 1 hen, 1 cockerel, 1 pullet.

Buff Cornish Std.—Francis Novinger, Burlington, all placings.

Speckled Sussex—Elmer Swearingen, Topeka, 1 cock, 1 hen, 1 young pen; Sam Sprinkel, Ottumwa, Iowa, 1 pullet, 1 cockerel.

Light Sussex—Sam Sprinkel, all placings.

Black Langshans—A. K. Freeman, Fort Worth, Texas, 1 cock, 1 hen, 1 pullet.

Buff Plymouth Rocks—Mrs. Harry Forbes, Topeka, 1 cock, 1 hen; Emory D. Small, Wilson, 1 cockerel, 1 pullet.

Silver Laced Wyandottes—Harry L. Brunner, Newton, all placings.

Partridge Wyandottes—C. E. TenEyck, Walton, all placings.

White Turkeys—J. O. Fulzenloger, Wichita, 1 pen.

Columbian Plymouth Rocks—Walter Hoffman, Nortonville, all placings.

Light Brahmans—E. E. Fiedler, Albuquerque, N. M., 1 cock, 1 hen, 1 cockerel, 1 pullet.

Buff Minorcas—Walter Hoffman, Nortonville, all placings.

S. C. Rhode Island Bantams—Van G. Sutliff, Huntsville, Mo., 1 old pen; J. Guy Boswell, Greeneville, Tenn., 1 cock, 1 hen, 1 pullet, 1 young pen; Lyle Troeger, Sandwich, Ill., 1 cockerel.

Black Cochinchin Bantams—W. F. Caskey, Topeka, 1 cock, 1 hen, 1 cockerel, 1 pullet, 1 young pen.

Silver Sebrights—S. R. Brubaker, Burlingame, 1 hen; T. J. Piper, San Antonio, Texas, 1 cockerel, 1 pullet.

Golden Sebrights—S. H. Brubaker, Burlingame, 1 hen, 1 cockerel, 1 pullet.

Buff Cochinchin Bantams—W. D. Finger, Topeka, 1 cock, 1 hen, 1 cockerel, 1 pullet, 1 young pen.

Black Rose Comb Bantams—Noah P. Richardson, Kirksville, Mo., 1 cock, 1 hen, 1 pullet, 1 pen; Bill Focht, Villisca, Iowa, 1 cockerel.

Blue Rose Comb Bantams—T. J. Piper, San Antonio, Texas, 1 cockerel, 1 pullet.

White Rose Comb Bantams—S. H. Brubaker, Burlingame, 1 cockerel, 1 pullet.

White Wyandottes—Jay S. Buck, Topeka, 1 cockerel; W. C. Sanderson, Lawrence, 1 pullet.

Black Wyandotte Bantams—Walter Lesh, Long Beach, Calif., 1 cock, 1 hen.

Partridge Wyandotte Bantams—Walter Lesh, Long Beach, 1 hen, 1 pullet; W. C. Sanderson, Lawrence, 1 cockerel.

Light Brahma Bantams—J. G. Vos, Clay Center, 1 cockerel, 1 pullet; David Spradling, Wichita, 1 cock, 1 hen.

Black Breasted Red Old English Game Bantams—Frank L. Broberg, Kansas City, Mo., 1 cock, 1 cockerel, 1 pullet; C. B. Combs, Sandwich, Ill., 1 hen; Walter Lesh, Long Beach, 1 old pen.

Black Breasted Red Old English (Wheaton) Bantams—Frank L. Broberg, Kansas City, Mo., 1 hen, 1 pullet.

Black Tailed Jap Bantams—Robert R. Calloway, Wichita, all placings.

Plain White Silkie Bantams—Nancy Spradling, Wichita, 1 pullet.

Barred Silver Laced Polish Bantams—Louis H. Ritzhaupt, Guthrie, Okla., 1 pullet.

Barred White Polish Bantams—Louis H. Ritzhaupt, 1 cockerel, 1 pullet.

Buff Laced Polish Bantams—Louis H. Ritzhaupt, 1 pullet.

W. C. Black Polish Bantams—V. H. Lindsay, Wellington, Texas, 1 hen, 1 cockerel; Nancy Spradling, Wichita, 1 pullet.

Buff Orpington Bantams—Walter Lesh, Long Beach, 1 hen, 1 pullet.

White Laced Red Cornish Bantams—Louis H. Ritzhaupt, 1 cockerel, 1 pullet.

Brown Leghorns—Herman Schmale, Plymouth, Nebr., 1 pullet; Walter Hoffman, Nortonville, 1 pullet; Charles W. Latimer, Hobart, Okla., 1 cock, 1 cockerel.

Blue Andalusians—Walter Hoffman, Nortonville, all placings.

Columbian Wyandottes—O. C. Sharits, Newton, 1 cockerel, 1 pullet.

Buff Cochins—L. D. Fike, Council Grove, 1 cock, 1 hen, 1 pullet.

Buff Orpingtons—J. G. Vos, Clay Center, 1 old pen; A. F. Heller, Marshalltown, Iowa, 1 cockerel, 1 pullet.

Anconas—Walter Hoffman, Nortonville, all placings.

White Cornish Bantams—Cash A. Gray, Topeka, 1 hen; Louis H. Ritzhaupt, Guthrie, Okla., 1 cockerel, 1 pullet.

Black Minorcas—Walter Hoffman, Nortonville, all placings.

Gray Jap Bantams—C. B. Combs, Sr., Sandwich, Ill., 1 cockerel.

Mottled Jap Bantams—Walter Lesh, Long Beach, Calif., 1 hen.

Narraganset Turkeys—A. L. Gideon, Paxico, 1 hen.

B. B. Bronze Turkeys—Garland Gideon, Paxico, 1 young tom; Phil Ingersoll, Michigan Valley, 1 hen, 1 pullet; Waldo Walter, Moundridge, 1 old tom.

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For Daily Records

A handy, pocket-size book for keeping 1946 records is ready for distribution by the Continental Steel Corporation. There are pages for daily receipts and expenditures, yearly receipts and disbursements, farm inventory, egg and crop records, income tax information, interest table, gestation table and breeding record, milk record for each cow, besides much other useful information. Please address Farm Service Editor, Kansas Farmer, Topeka, for your free copy of this record book.

U. S. Farms Have Changed

(Continued from Page 4)

average acreage, up 35.1 per cent, from 821.9 to 1,110.5 acres.

Pacific, number farms up 5.4 per cent; acreage up 12.6 per cent; average acreage, up 6.9 per cent, from 230.6 to 246.4 acres to the farm.

Secretary of Agriculture Clinton P. Anderson has recommended national farm-production goals for 1946 which call for a total of more than 356 million acres; not as large as the 1945 goals, but some 5½ million acres more than the acreage actually planted in 1945.

"We still have our people to feed, including the military," Secretary Anderson explains. "At the same time, we are not forgetting our Allies, who now face hunger because war destroyed or damaged their normal food production."

Also, we are likely to be faced with feeding our late enemies (who may or may not be our noble allies in the next World War) or seeing starvation there

breed epidemics and plagues and revolutions that will endanger the rest of the world. Secretary Anderson could not say this, for political reasons, but it is a fact, nevertheless.

Largest increase in goal acreage is suggested for sugar beets—31 per cent over last year. An 8 per cent increase is suggested for continental sugarcane acreage.

Goals for feed grains, including corn, barley, oats, and grain sorghum, are at or slightly above 1945 indications.

"Carryover of feed grains at the end of the present feeding year will be below prewar levels," Anderson comments.

The program calls for a 10 per cent reduction in soybean acreage; milk production goal about the same; eggs down 15 per cent but 20 per cent above prewar; chickens down 17 per cent; spring pig crop goal will be recommended later.

During this month the suggested goals will be considered at state meet-

ings, comprising D. of A. representatives, State U. S. D. A. Council, representatives of agricultural colleges, farm organizations, and other interested groups. Final goals will be announced about the first of the year.

This observer is indebted to Rep. Clifford R. Hope, of Garden City, who spent 6 weeks abroad with the House Postwar Economic Planning Committee of the national House of Representatives.

About the only favorable thing that can be said about condition of farmers in war-torn countries is that they are relatively better off than the rest of the population, Congressman Hope reports. They probably will be able to hold onto a better per capita share of food than will go to the non-farm populations. But this relative advantage is not much to brag about. In Southern Europe the most severe drought in 25 years has reduced farm food supplies markedly. In some areas, particularly Germany and Eastern Europe, military demands have stripped large areas of crops and of livestock. In many areas mines must be removed before farming operations are safe.

European countries fall into 3 categories when it comes to outside assistance, Representative Hope says.

First, there are countries which cannot buy, such as Italy, Greece, Yugoslavia, and Czechoslovakia, whose needs are being taken care of by the UNRRA. (This month Congress is appropriating \$1,950,000,000 as the U. S. share in UNRRA contributions.)

Second, there is Germany, where whatever relief is afforded must come thru the Army. Some German-Americans in the United States are trying to get food over to Germany, but are meeting with little co-operation so far in official circles. There still are a lot of people who say, "Let them starve; they started all this."

Third, there are the countries of Western Europe like Norway, Holland, Belgium, Luxembourg, France and England, which can pay for what they need.

"The great problem of the latter group," Hope says, "is to secure allocation of the things they need because of the existing all-around shortages. In fact, that is the great over-all problem everywhere, because all that can possibly be supplied in the way of machinery, fertilizer, breeding stock, and livestock feed, will be pitifully inadequate. The only hope is to distribute it to the best general advantage. Even at best it does not seem possible for Europe to have normal production next year; which means that our own farmers again will have to provide a substantial volume of foodstuffs for European consumption, altho not likely as much as they are supplying this year."

Aside from the problems arising directly out of the war, agriculture in Europe is undergoing revolutionary changes.

"In Poland and other Eastern European countries there is redistribution of land going on largely as a result of breaking up the old landed estates," according to Congressman Hope.

"In Western Europe the progress of socialism is bringing about certain changes. You may have read the Associated Press report from London (Nov. 23) based upon a radio broadcast by the Minister of Agriculture, in which he stated that farmers who do not co-operate with the Government's planned agricultural program would run the risk of having their land confiscated.

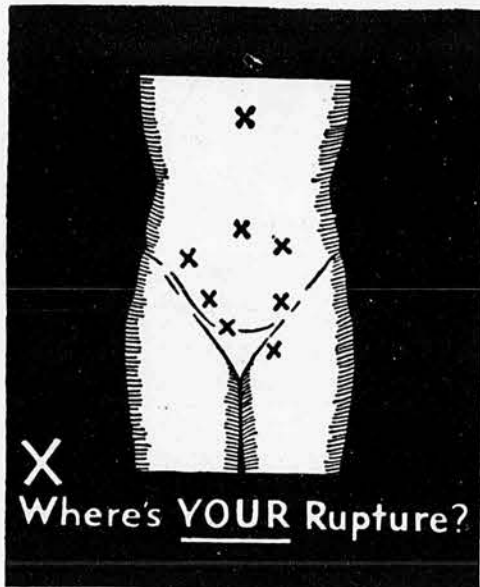
"A bill expected to pass Parliament soon would empower the Government to tell farmers what they must grow. And the markets and prices would be guaranteed."

Denmark May Change

In Denmark, he says, which long has been known as the land of small, independent farmers, there is a strong movement on foot to have the Government purchase all the land. In Russia, under the present system, there are no farmers as we know them in this country. Instead, those who live on the land are simply laborers working for the state, and paid on the basis of the number of man-hours they put in. (The Russian Embassy here says they also are paid for the amount of production they get as compared with the goals set for each of them.)

No one knows what may come out of the chaos of Europe during the coming years, but the great changes taking place in land ownership, tenure, and management looking to greater governmental control over the land and its use seem almost certain to continue. And this will affect the American farmer, also.

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From a Marketing Viewpoint

By George Montgomery, Feed Grains, Poultry and Eggs, and Dairy; Merton L. Otto, Livestock.

I have plenty of rough feed but would have to buy the grain. Do you think that I could make any money feeding lambs?—N. E. A.

During a recent week, the average price of feeder lambs at Omaha was \$14.58 a hundredweight, and the average price of fat lambs at Kansas City that same week was \$14.25. If feeder lambs cost \$14.50 and fat lambs sell for \$14.50 in April, your feed margin would be the amount of the subsidy, which is \$3.15 a hundredweight for lambs weighing more than 90 pounds and marketed for slaughter during February, March and April. The price of fat lambs probably will remain steady or strengthen some compared with present levels, with the usual seasonal increase in pelt values.

Protein concentrates are hard to find at present. Do you think this situation will improve late in the winter and early spring?—V. W. J.

There is a chance that supplies will be more abundant later as soybean meal becomes more plentiful. However, cottonseed meal and cake probably will continue scarce, and flaxseed meal will not be easy to find.

We can scarcely buy pork in our local markets. Is it piling in certain areas, or is the recent break in hog prices a result of something else?—V. B.

The recent break in the price of hogs resulted from too many hogs on foot at certain markets. At Corn Belt markets hogs were marketed in such large numbers that slaughtering facilities at the time were not adequate to handle the supply of hogs each day. Retail markets still are short of pork in most areas, and consumer demand continues strong. However, there still is a large number of hogs to be marketed, and producers will have to even out marketings if prices are to be held at or near ceiling levels during the next 60 to 90 days.

Offers Double Income

Sowing sweet clover and lespedeza together is a new practice in some Southeast Kansas counties and offers several good combinations for double income.

Ben Basore, of Wilson county, has been sowing this combination 4 years now with good results. He sows a combination of 15 pounds of lespedeza and 10 pounds of sweet clover an acre.

He pastures the clover in the spring until June and then combines the clover in August before the lespedeza is ready. This gives him a second seed crop of lespedeza in the fall. From this combination he has been harvesting 200 to 300 pounds of sweet clover and up to 600 pounds of lespedeza seed, he reports.

Carl Hellwig, of Labette county, learned of this combination by accident. He tried several years ago to get a stand of sweet clover and had poor luck because of lack of lime. The next year he sowed lespedeza. After that he sowed the 2 together, using 10 pounds of sweet clover and 25 pounds of lespedeza an acre.

It is necessary to pasture heavily the first fall, he says, to keep the sweet clover from crowding out the lespedeza. Then, he pastures heavily again thru the next summer, not trying to get a sweet clover seed crop,



"I hate our new house—three baths!"

but harvesting a good lespedeza seed crop later.

If the combination is desired only for pasture, it can be pastured heavily from early in the spring until frost, or until July if a lespedeza seed crop is preferred. The combination will carry 3 head of large cattle or 4 head of small cattle an acre if weather is favorable, says Mr. Hellwig, and will average 2 head an acre from April to late September.

Using the double crop in rotation, Mr. Hellwig has lespedeza and sweet clover every third year, using oats, or corn, and wheat in between.

Land Prices Up

Farmers are continuing to purchase land at higher prices, altho it is likely that much of the period of high earnings is past, states Paul W. Griffith, Kansas State College economist. For the country as a whole, farm real estate prices have advanced about 1 per cent a month during World War II, and the level now is 57 per cent above the 1935-39 average.

On the average, says Mr. Griffith, it now takes about \$16,000 to buy a farm that could have been purchased for \$10,000 before the war.

Altho many farmers are paying cash for land, about one third of all sales on credit involve mortgages of 75 per cent or more of the sale price. Thus, in many cases, the new mortgage exceeds the prewar sale price.

The number of farm resales to realize a profit after a limited period of ownership is tending to increase in most of the principal farm areas, says Mr. Griffith.

Warm Poultry House

We built a warm and economical poultry house by placing it along the south side of a steep knoll, the excavation having been made to form a perpendicular earth wall on the north side. The building is constructed of single walls, with addition of building paper on the west, east and south exposures. A roof sloping from the south side consists of poles, used woven wire, a layer of straw topped with 1½-foot depth of earth, and a water-shedding surface of boards. The house has a concrete floor. The north side and the roof are excellent insulators. The building is comfortable in coldest weather. There never has been condensation. Ventilation is obtained on the south side.—O. O. C.

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320-Acre Fine Stock Farm, 12 miles Emporia, highly improved, electricity, 2 miles Catholic school and church, 40 acres in alfalfa, 200 blue stem pasture, \$50 per acre. T. B. Godsey, Emporia, Kansas.

For Sale—260 Acres Coffey County, Kansas, 4 miles south of Lebo, Kansas. 200 broke, balance meadow and pasture. Fair improvements, well and pond. \$40 per acre. J. W. Parish, Burden, Kan.

FARMS—MISCELLANEOUS

MISSOURI 120-Acre Ideal Stock Farm, plenty water. 320 acres farming—most in grass now, well-fenced. 7-room house, silos, barn, chicken house, granary. Near High School and concrete road. Price \$30.00 per acre. CLARK HOWELL, Owner 812 S. Hampton, Springfield, Mo.

560 Acres Elbert County, Colorado, Good, 114 N. 16th St., Colorado Springs, Colo.

IN THE FIELD



Jesse R. Johnson
 Livestock Editor
 Topeka, Kansas

The combination Holstein dispersal sale of Holstein cattle participated in by WALTER CLARK & SON, and others held at Hutchinson, October 22, resulted in a general average of \$302. Females averaged \$307, while bulls sold up to \$510, and females up to \$714. About 308 attended the sale. Many animals went to Oklahoma.

GORDON JANSSEN, of Bushton, furnished the top-selling females in the recent McPherson-Rice Milking Shorthorn Association sale. The cow, Sunflower Lou, bred to the 1945 Kansas grand champion, Wapsie Craggs Duke, for December freshening, sold for \$390 to Dr. G. E. Kassebaum, El Dorado.

CORNWELL HEREFORD FARM, at St. John, reports the recent sale of 4 calves to F. F. A. boys from Brighton, Colo. All of them were sired by Don Prince Domino 82nd. The present cow herd at Cornwell farm now number 40 cows. The bulls used are Don Prince Domino 82nd, Prince Domino Mixer, and Prince Domino Return.

JOHN A. YELEK, Milking Shorthorn breeder of Rexford, reports conditions good in his part of the state and growing interest in his favorite breed of cattle. He founded his herd in 1918, and has never wavered in his efforts to improve the quality of his breeding stock. He has purchased good bulls and maintained a system of culling by using milk and fat tests. Most of his cows have RM records, and all of them are on test.

R. E. BERGSTEN & SONS, Hampshire swine breeders of Randolph, report an exceptionally good season for the sale of both boars and gilts. The Bergsten herd is among the leading herds of the state to show improvement in the type of Hampshire that meets the general approval of both the packer and the farmer. The herd has grown in both quality and selected bloodlines, and with these qualifications, an enlarged trade territory has been developed.

FRANK YOUNG, Jersey breeder of Cheney, writes that he sold the 10 cows recently advertised in Kansas Farmer to W. E. Glazner, of Great Bend. He had a lot of other inquiry but the cows were sold soon after the advertisement appeared. Mr. Young says he has first-calf heifers now freshening that are making up to 45.5 butterfat a month. These heifers are daughters of his present herd bull, Rachel's Masterson. The Young herd is one of the oldest and strongest herds in Kansas.

BARTON COUNTY rapidly is becoming one of the leading Milking Shorthorn production counties in Kansas. The last count we have a record of showed 101 bulls of this breed doing service on the farms of the county. One of the leading herds in this locality is the Du Kan herd, owned and managed by Walter Clarke, former secretary of the Kansas State Milking Shorthorn Society. Mr. Clarke has heading his good herd the former Kansas grand champion bull, Kingsdale Pride 13.

LEO F. BREEDEN, Great Bend, one of the early Kansas breeders of Milking Shorthorns, continues with his favorite breed. It will be recalled that he once owned and had in service the great breeding Glemside bull, Otis Chierlain. This was before much Milking Shorthorn butter fat testing had been done in Kansas and but little was known definitely as to the production of his daughters. But for type he was one of the best bulls ever in the state. Mr. Breeden reports heavy demand for all kinds of breeding stock.

I have just received a very interesting letter from R. E. BERGSTEN & SONS, Registered Hampshire swine breeders of Randolph. They report having grown and sold on heavy demand the best lot of spring boars ever grown on the farm. They have reserved all of their spring gilts for their coming bred sow sale, and say they will have them well grown and developed for that occasion. They are quite enthused over the ownership and development of their fall yearling boar "5 Stars," and plan to breed as many gilts to him as possible. He is a littermate to the \$900 top-selling boar in O'Bryans last August sale, and one of the \$2,400 litter.

The McPHERSON-RICE COUNTY MILKING SHORTHORN sale held at McPherson, November 14, was one of the very good sales of the season, as reported by the secretary-manager, C. O. Heidebrecht. Eighteen of the 31 head sold stayed in the above counties. Ten of the animals sold were only a year old or less. The general average was \$180, the bulls averaging \$170 on the 12 head, with a top of \$240 on a calf from the George Habiger herd, at Lyons. The buyer was Cyril Pauly, Viola. The 19 females averaged \$187 with a top of \$390 on a cow consigned by Gordon Janssen, of Bushton. The buyer was Dr. G. E. Kassebaum, El Dorado. The day was perfect and arrangements changed to sell out in the sunshine. Gus Heidebrecht was the auctioneer, assisted by Harold Tonn.

The NORTH CENTRAL KANSAS SHORT-HORN BREEDERS ASSOCIATION held its 8th annual show and sale at Beloit, November 1. Breeders and others who have attended previous sales and shows are authority for the statement that this was the best lot of cattle and the smoothest-running event of the yearly series. The 49 lots, which included 2 or 3 calves selling with their dams, brought a total of \$9,825, an average of \$200. Top on bulls was \$340, paid for the grand champion of the show consigned by R. Walker & Son, of Osborne. The buyer was L. E. Meenan, of Clifton. The 24 bulls, most of them barely of serviceable age, averaged \$205. The second top bull went to E. N. McLeod, Marysville, at \$300. E. G. Bernbach, of Utica, also paid \$300 for a bull. The grand champion female, also from the Walker herd, sold for \$265. H. G. Atkinson & Sons, of Alma, were the buyers. The 25 females averaged \$196, with a top on cow and calf of \$290 paid by McLeod. Fifteen head of 4-H calves were sold at the beginning of the sale at prices ranging from \$49 to \$65. Jas. T. McCulloch was the auctioneer.

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Boars, bred gilts, open gilts and weanling boar pigs. Best of breeding including that of the 5 times grand champion, Silver Ace.

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Short legged, thick fleshed, slick haired Spring Boars.

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I have a few excellent fall gilts and boar pigs now on full feed ready to go. I said "Excellent," and they are priced for immediate sale. Also two real gilts bred for spring litters!

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Outstanding Duroc Gilts

mated to Showman and Broadtops for March and April litters. Fall pigs soon ready for shipment. Real prospects.

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Sired by Improved Ace and Reconstruction 2nd. From outstanding dams. Champion bred. Registered.

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For sale. Farm type. Popular bloodlines—choice individuals.

Dannen Easthills Farm, Box 429, St. Joseph, Mo.

CHOICE SERVICEABLE DUROC BOARS

Thick, deep, smooth bodies. Heavy horns, low built. Rich, red color. Top quality. The breed's best blood. Registered. Immuned. 175 to over 300 lbs. Price right. Write us your wants or better yet, come. Guaranteed to please.

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Weight 200 to 250 lbs. Registered, cholera immuned. These are choice individuals and will be shipped on approval. Also offering my herd boar Roy's Bar None, a good yearling son of Bar None. I have new blood for old customers. Inquire of

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Pedigreed, stocky type short-nosed weanlings. PETERSON & SONS, Osage City, Kan.

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We will have 3 crops of calves by him and can't use him longer to advantage in the herd. He is a son of Don Prince Domino 2884299 and out of a Publican Domino 6th dam. If interested come and see his get and recall our entries at the recent Futurity Show and Sale. We also offer young bulls and heifers, sired by the above bull and Prince Domino Mixer and Prince Domino Return. CORNWELL HEREFORD FARM, St. John, Kan.

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Walnut Valley Hereford Ranch 15 bulls in age from 8 to 12 months. Good wide heads and straight legs. Sired by WBR Worthy Domino 41st or WBR Contender Domino 1st, and out of dams that produce the lower-to-the-ground kind. WAITE BROS., Winfield, Kansas.

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Polled Hereford Cattle Reduction 35 cows bred, many with calves at foot and rebred to Plato Domino A.A. and Bill's Harmon. Also 8 bred heifers and 12 yearling heifers. For sale one or all.

A. R. Hedrick, Murdock (Kingman Co.), Kan.

Reg. Polled Herefords

Bulls 8 months and up and a few cows, Worthmore Domino breeding.

CLAYTON RIFFEL & SONS, Hope, Kansas

SHORT-LEGGED, THICK POLLED SHORTHORN BULLS

10 good ones, registered, from calves to serviceable age. These calves were sired by Collynie Nobleman, (half brother to the \$4,000 Collynie Compact) the Albert Hultine & Son bull. We have used bulls from the Hultine and Thieman herds for several generations. No culls offered.

W. A. ROSENBERGER, Greensburg, Kan.

Choice Polled Shorthorn Bulls

For Sale, 8 to 12 months old. Also a few heifers.

ROBT. H. HANSON, Janestown, Kan.

Banburys' Hornless Shorthorns

We have 10 weaned bulls and up to 800 lbs. on our sale list.

BANBURY & SONS, Plevna (Reno County), Kansas. Telephone 2807.

Registered Shorthorn Bulls

for sale. Reds and roan, ready for service. Sons of "Supreme Marksman," a Thomson bred bull.

J. S. BURK, McDonald, Kansas.

10 SCOTCH SHORTHORN BULLS 12 to 15 months old, reds and dark roans. Sired by Glenburn Destiny, by Brawth Chief, or Augusta's Prince, by Imp. Calrossie Prince Peter. For further description, write

E. C. LACY or GLENN LACY & SON Miltonvale, Kansas.

• AUCTIONEERS •

Buyers Pay the Auctioneer
 If he is capable, understands his audience and knows values. His fee is reflected in increased profit to the seller.
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 Haven (Reno Co.), Kan.

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 Purebred livestock, real estate and farm sales.
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 Purebred Livestock, Real Estate and Farm Sales. Ask those for whom I have sold.
 CLAY CENTER, KANSAS

BREEDERS WHO CO-OPERATED WITH KANSAS FARMER IN 1945

Aberdeen-Angus Cattle
 Chilen, Fred P. Miltonvale
 Drips, A. H. Haddam
 Eylar Ranch Denton
 Gies, Harold Arnold
 Gimple, Verne Burr Oak
 Heart of America Angus Breeders' Association Kansas City, Mo.
 Krotz Stock Farm Odell, Nebr.
 Laflin, L. E. Crab Orchard, Nebr.
 Latzke, Oscar C. Junction City
 McKenney, J. F. & Son King City, Mo.
 Moss, Finis Nevada, Mo.
 Northeast Kansas Aberdeen-Angus Breeders' Association Hiawatha
 Penney, J. C. Farms Hamilton, Mo.
 Selle, Ernest Great Bend
 Swartz Bros. Everest

Hereford Cattle
 Abbott, H. C. Alta Vista
 American Hereford Breeders' Association Kansas City, Mo.
 Atwood, Arthur Silver Lake
 Banker, J. H. Salina
 Booth & Hitchcock Westphalia
 Bear Creek Ranch Ashland
 C-K Ranch Brookville
 Cornwall Hereford Farm St. John
 Diamond A. Cattle Co. Wagon Mound, N. M.
 Duensing, Valentine Bremen
 Ely Hereford Ranch Attica
 Faldley, James Longford
 Gibbs, Glenn I. Manchester
 Gibbs, Sam Manchester
 Harvey County Hereford Breeders' Association Moundridge
 Haven Hereford Breeders' Association Haven
 Jansonius, Bros. Prairie View
 Jones Hereford Farm Detroit
 Kansas Hereford Breeders' Assn. Council Grove
 King, S. W. Pretty Prairie
 Krehbiel, Felix J. Elyria
 Krehbiel, Harvey L. Pretty Prairie
 Lawrence, Floyd Meriden
 Liggett, Thomas J. Rosalia
 Lovitt, Albert Quinter
 Luft, John N. Bison
 Lull, F. E. Smith Center
 Miller & Manning Council Grove
 Moffitt, John J. Lincoln
 Morris Co. Hereford Breeders' Association Council Grove
 Norrie, L. W. Sabetha
 Northwest Kansas Hereford Breeders' Association Atwood
 Peters, James Lehigh
 Phillips, S. B. Pratt
 Plunkett, Connell Coolidge
 Premier Hereford Farm Wolcott
 Pritchard, J. B. Dunlap
 Reno County Hereford Breeders' Association Hutchinson
 Roberts, Morris Holsington
 Rusk, Ray & Son Wellington
 Schlickau, Harry Argonia
 Stephenson, E. A. Bucklin
 Stuart, J. W. & Son Pritchett, Colo.
 Sutor Hereford Farm Zurich
 Taylor, Mrs. Thos. & Son Great Bend
 Tonn, W. H. & Son Haven
 Wabaunsee County Hereford Breeders' Association Paxico
 Waite Bros. Winfield
 Waite, Leon & Sons Winfield
 Welsh, T. L. Abilene

Polled Hereford Cattle
 Goernandt Bros. Aurora
 Hedrick, A. R. Murdock
 Hettenback, Milton F. Chapman
 Maes, Joseph C. Bushton
 Ravenstein, John Cleveland
 Ravenstein, Walbert J. Belmont
 Riffel, George L. Hope
 Riffel, Harry Hope
 Riffel, Jesse & Sons Enterprise
 Shields, Martin L. Lincolnville
 Shields, O. J. Lost Springs
 Shields, Mrs. S. P. Topeka
 Ziegler, Richard H. Junction City

Shorthorn Cattle
 Amcoats, S. E. Clay Center
 American Shorthorn Breeders' Association Chicago, Ill.
 Bach, R. L. Larned
 Central Kansas Shorthorn Breeders' Association Hutchinson
 Good, Emerson Barnard
 Hansen, Gerhard Wamego
 Kansas Shorthorn Breeders' Assn. Hutchinson
 Lacy, E. C. Miltonvale
 Lacy, Glenn Miltonvale
 Leslie, Frank E. Sterling
 Nelson, Oscar E. Ada
 North-Central Kansas Shorthorn Breeders' Association Riley
 Ralstin, Clarence Mullinville
 Shinemans, A. P. Frankfort
 Snyder, A. K. Winfield
 Studer, Phillip K. Atwood
 Tasker, Alfred & Son Delphos
 Warrington, Alvin T. Leoti
 White Bros. Arlington

Polled Shorthorn Cattle
 American Polled Shorthorn Society, Chicago, Ill.
 Banbury, J. C. & Son Plevna
 Bird, Harry Albert
 Carlisle, W. R. Toronto
 Davis, W. C. Haggard
 Fieser, Earl J. Norwich
 Hanson, R. H. Jamestown
 Logan, John Kiowa
 Love & Love Partridge
 McClure, W. H. Kingman
 Maddy, Vernon Stockton
 Rosenberger, W. A. Greensburg
 Thieman, Lewis W. Concordia

Milking Shorthorn Cattle
 Alexander, Dwight Geneseo
 Breeden, Leo Great Bend
 Broadbent, A. C. Jefferson
 Brown, Gary & Son Great Bend
 Brungardt, Lawrence Gorham
 Clarke, Walter Great Bend
 Cory, Carl C. Little River
 Cotton, H. H. St. John
 Dickey, Clarence Meade
 Emrick, A. E. Pritchett, Colo.
 Ewart, D. P. Hillsboro
 Gage, John B. Eudora
 Habiger, G. P. Lyons

Hartmoor Dairy Wichita
 Hubbard, Roy Junction City
 Hugenot, J. E. Minneola
 Hunter, Joe Geneseo
 Janssen, Gordon Bushton
 Jensen, H. P. Hunter
 Johnston Bros. Brewster
 Kansas Milking Shorthorn Breeders' Association Great Bend
 Keck, R. C. Tonganoxie
 King, Irwin S. Linn
 Langvardt, Don F. Woodbine
 Leak, Harold Cullison
 Leslie & Leslie Goff
 Lucas, H. R. Macksville
 Lupfer, Ralph Larned
 McFarland, J. W. Sterling
 McPherson Co. Milking Shorthorn Breeders' Association Inman
 Malone, J. P. Lyons
 Mischler, W. S. & Son Bloomington
 Owens, John Chillicothe, Mo.
 Pearson, Clifford R. Junction City
 Reeves, Harry H. Hutchinson
 Rock, Roy Enterprise
 Rohrer, H. A. Junction City
 Schmidt, E. D. St. Joseph, Mo.
 Skolaut, J. W. Omitz
 Studt, Paul J. Ada
 Walker, E. L. Fowler
 Wassenberg, Bernard Marysville
 Yelek, John A. Rexford

Polled Milking Shorthorn Cattle
 Craig, Max Osage City
 Ediger, Ben M. Inman
 Hegle, W. A. Lost Springs
 Heigen, George Bushton
 Heiken, Harold Lorraine
 Leslie & Leslie Goff
 Morgan, J. T. Densmore

Holstein Cattle
 Bailey, Wayne Manhattan
 Beagle, Gilbert Alta Vista
 Bircher, W. G. & Son Ellsworth
 Central Kansas Holstein Breeders' Association Hutchinson
 Clark, Walter & Son Garfield
 Clawson, Arden Linwood
 Cole, Cecil Clay Center
 Dressler, H. A. Lebo
 Dawdy, E. A. Salina
 Denbler, Charles Manhattan
 Enns, Jacob Hillsboro
 Hiebert, P. G. Hillsboro
 Holstein-Friesian Association Brattleboro, Vt.
 Kansas State Holstein Breeders' Association Nickerson
 Koch, C. F. & Sons Ellinwood
 Koelzer, Ambrose Seneca
 Lady, C. A. Abilene
 Larson, C. R. Concordia
 Luttrell, Fred M. Paris, Mo.
 McCormick, Carl Cedar
 Mackey, Joe Overland Park
 McVay, Hobart Nickerson
 Mueller, Rudolph Halstead
 North-Central Kansas Holstein Breeders' Association Salina
 Phillips, K. W. Manhattan
 Quinn, Clarence Bennington
 Riffel, Ed. Stockton
 Robinson, Leland Hutchinson
 Roifsmeyer, Herman Seward, Nebr.
 Security Benefit Dairy Topeka
 Shetlar, Harry & Son Conway Springs
 Shoffner, C. C. Kipp
 Smith, George D. Lawrence
 Thut, Abram Clearwater
 Tucking, Ernest Nortonville
 Unruh, B. C. & Sons Pawnee Rock
 Vogel's Dairy Nebraska City, Nebr.

Stewart & Sons Americ
 Stuckman, Charles Kirw
 Swanson, Oscar H. Clay Cent
 Waldo, W. H. DeWitt, Neb
 Waldo, H. O. DeWitt, Neb
 Wetta, George J. Anda
 Wreath, Dr. George Bellevu
 Wreath Farms Manhatta
 Zimmerman, Robert E. Alta Vis

Berkshire Hogs
 American Berkshire Association Springfield, I.
 Carson, J. C. Coffeyv
 Davis, W. D. Gasland, M
 Gilliland, Roy, Jr. Holt
 Headings Bros. Hutchin
 Luttrell, Fred M. Paris, M
 Willems, G. D. Inma

Poland China Hogs
 Alkire, Homer Bell
 Bauer Bros. Gladstone, I
 Bogart, Paul Holt
 Hain, Henry J. Spearr
 Hartman, J. J. Ea
 McLin, Gordon Silver La
 Malone Bros. Raymon
 Morgan, Albert Alta Vis
 O'Hara, Raymond W. Jewe
 Rindt, Herbert Heringt
 Roediger, Roy M. Longfo
 Rowe, C. R. & Sons Scran
 Saylor, Ray & Sons Manhatta
 Sharp, Leonard D. Great Bon
 Turner, Harry L. Harpe
 Williams, Paul Clay Cent
 Wiswell, A. L. & Son Olat
 Wittum, F. E. & Son Caldwe

Spotted Poland China Hogs
 Beal, Irwin Mt. Ho
 Billman, Carl Holt
 Bletscher, Henry G. Ba
 Davis, Wayne L. Mahash
 Fieser, Earl J. Norwi
 Fieser, Everett Norwi
 Holliday, H. E. & Son Topel
 Konkel, Dale Havil
 Rice, Denzil Liberal
 Slater Bros. Savon

Hereford Hogs
 Booz, Charles in
 Byrd, Edward C. Leavenf
 Hag, Milton F
 Lyon, Bert F. Sac City
 Osborne County Hereford Hog Breeders' Association of
 Schlickau, Harry A in
 South and West Hereford Hog Breeders' Association in
 Yalehurst Farms Peori

Hampshire Hogs
 Alwin, Lawrence do
 Bergsten, R. E. & Son Ran
 Hampshire Swine Registry Peori
 McClure, C. E. Re
 Missouri Hampshire Swine Breeders' Association New Brunswi
 O'Bryan Ranch H it
 Ploeger, Warren H it
 Quitley Hampshire Ranch St. it
 Ramsbottom, Hal M. V.
 Salter, Park E. Doue
 Scheel, Dale Em]

O. I. C. Hogs
 Peterson & Sons Osage

Chester White Hogs
 Hollingsworth, Mrs. Maude Juncti
 Rindom, F. O.

Hampshire Sheep
 Byer, Albert, Jr. Stan
 Cooper County Hampshire Sheep Breeders' Association Boonville, I
 Danner Easthills Farms St. Joseph, I
 Davis, Clifton H. Archle, I
 Drumm Farm Independence, M
 Haven Sheep Breeders' Association Ha
 King, Warren J. Fowl
 Nicholson, W. G. Great Ber
 Schlickau, Harry Argon
 Walker, Wesley & Son Fowl
 Welton, Donald E. Ranto

Shropshire Sheep
 Chappell, H. H. & Son Green Castle, M
 Ebel, Leo Wame
 Ficken, H. L. Hutchin
 Haven Sheep Breeders' Association i
 Krehbiel, E. H. Pretty
 Krehbiel, Herb. Pretty
 Lacey, Clarence & Sons Me
 Lytle, W. A. Well
 Schrag, Herman Pretty P
 Spohn, D. V. Superior
 Van Dorp, Fred To

Rambouillet Sheep
 Diamond A. Cattle Co. Wagon Mound, I

Horses and Jacks
 Friesen, Abe Ashla
 Horst, G. A. Newtc
 Idana Livery Barn Idar
 Mills, Frank C. Ald
 Mills, Warren H. Mulvar
 Schurle, George E. Manhatta
 Watts Bros. Leocompt
 Wempe, A. J. Frankfo

Auctioneers—Sale Managers
 Cole, Chas. W. Wellin
 Heidebrecht, Gus D. Inm
 Mills, Frank C. Ald
 Powell, Bert Tope
 Rayl, Ralph Hutchin
 Schatlis, Ross B. Clay Cer
 Tonn, Harold Haw
 Veon, Kenneth Tope

Season's Greetings



Our best wishes to all live-
 stock breeders who, under
 difficulties almost unsur-
 mountable, have aided so
 magnificently in keeping
 high the slogan, "Better
 Livestock for Kansas."

KANSAS FARMER
 JESSE R. JOHNSON, *Livestock Editor*

Red Polled Cattle
 Ayres, M. D. Augusta
 Hebbard, Wm. Milan
 Novak, Frank S. Haddam
 Red Poll Cattle Club Lincoln, Nebr.
 Ross, W. E. & Son Smith Center
 Trimer, F. J. Bluff City

Jersey Cattle
 Byler, J. Lawrence Wellington
 Careyland Farm McPherson
 Gates, Ivan N. West Liberty, Iowa
 Hodgson, Louis Manhattan
 Hull, James L. Weston, Mo.
 Johnston, Chester Ft. Scott
 Kansas Jersey Breeders' Association, Hutchinson
 Kolterman, Ewald Wamego
 Lewis, Oswald A. Hutchinson
 Long, William E. Topeka
 Marshall Bros. Sylvia
 Smith, Ray E. Hutchinson
 Watson, W. S. Hutchinson
 Weir, John, Jr. Geuda Springs
 Whitney, Lloyd Miltonvale
 Wilson, Blake El Dorado
 Young, Frank L. Cheney

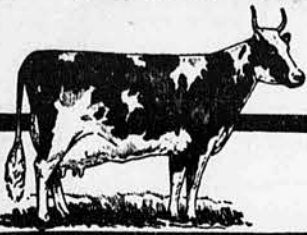
Guernsey Cattle
 American Guernsey Cattle Club Peterborough, N. H.
 Beach, M. M. Hutchinson
 Brigham, W. D. Burlington
 Chestnut, Pat Denison
 Horst, G. A. Newton
 Hyer, Dean H. Olathe
 Jenkins, Gerald M. Wichita
 Jo-Mar Farm Salina
 Lyn-Lee Guernsey Farm Hillsboro
 Myerhoff, H. W. Palmer
 Missouri Guernsey Breeders' Association Columbia, Mo.
 Nelson, J. L. Wichita
 Ransom, W. G. Homewood
 Riegel, V. A. Great Bend
 Troyer, M. M. Conway
 Tucking, Ernest Nortonville
 Unruh, Orlando Moundridge
 Wallace, Clyde W. White City
 Whitney, Lloyd Miltonvale
 Wiebe, Jacob H. Whitewater
 Wilson, Blake El Dorado

Brown Swiss Cattle
 Iowa Brown Swiss Association, Des Moines, Ia.
 Sluss, G. D. El Dorado
 Webber, Earl Arlington

Ayrshire Cattle
 Ayrshire Breeders' Association, Brandon, Vt.
 Central Kansas Ayrshire Breeders' Association Hutchinson
 Harper, Mrs. A. S. Severy
 Hiebert, John Hillsboro
 Higgins, J. B. Beatrice, Nebr.
 Hoffman, H. H. Abilene
 Karnes, D. E. Studley
 Lebeda, Jerry Lu Caldwell
 Penner, Alvin Hillsboro
 Strickler, Fred Hutchinson
 Unruh, Chester O. Hillsboro
 Unruh, Harrison & Sons Hillsboro
 Williams, G. Fred Hutchinson

Duroc Jersey Hogs
 Alexander, Frank Corning
 Bogart, N. L. Holt, Mo.
 Colorado Purebred Duroc Assn. Denver, Colo.
 Danner Easthills Farm St. Joseph, Mo.
 Davis, Wayne L. Mahaska
 Farris, Fred & Sons Faucett, Mo.
 Franklin, Lee Rich Hill, Mo.
 French, Irvin P. Sparks
 Germann, Fred Manhattan
 Heidebrecht Bros. Inman
 Hoobier, V. P. Rossville
 Hook, B. M. & Son Silver Lake
 Huston, W. R. Americus
 Johnston, Leroy & Son Marysville
 Lentz, Henry W. Cheney
 Loutzenhiser, E. T. & Sons Flagler, Colo.
 Miller, Clarence Alma
 Miller Farms Meriden
 Nebraska Duroc Breeders' Association Weeping Water, Nebr.
 Neosho Valley Duroc Breeders' Assn. Erie
 Popp, Herman Haven
 Roepke, Arthur Waterville
 Rogers, Wm. & Son White City
 Rogers, W. M. Alta Vista
 Russell Ranch Pleasanton
 Schulte's Duroc Farm Little River
 Sheehy, C. M. Richards, Mo.
 Shepherd, G. M. Lyons

Dairy CATTLE



Raise Ayrshires

Heaviest producer of 4% milk at lowest feed cost—the milk the post-war market demands.

Ayrshires are noted for perfect udders, grazing ability, hardiness and outstanding type.

Write for literature and list of breeders near you with stock for sale.

Ayrshire Breeders' Ass'n
280 Center St., Brandon, Vt.

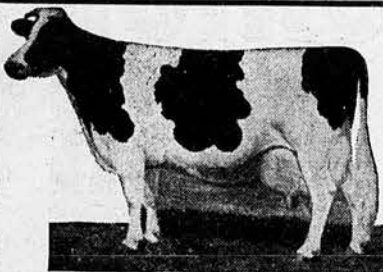


Reg. Ayrshires for Sale

6 heifer calves, 2 yearling heifers, 2 bred heifers and a few cows. Good breeding and quality.
SUNSET STOCK FARM, Marion, Kansas

Try Hoffmans' Ayrshire Bulls

Several bulls ready for service from cows with records up to 400 lbs. butterfat at 3 year olds, and sired by a grandson of Sycamore Jim. Inquire of Hoffman Brothers, Abilene, Kansas.



Dispersal Sale of Reg. and High Grade Holsteins

Failing health compels me to quit and I am selling everything.
Sale held under cover at farm on Highway 169, 4 miles northeast of

St. Joseph, Mo., Monday, Dec. 17
Starting at 12:00 o'clock.

61 HEAD—36 Cows, 25 Heifers
The sale offering consists of 12 cows and 1 heifer registered. The remainder are High Grade. 25 cows fresh recently or will freshen in 60 days.

Cows and Bred Heifers are mated to good sires. The ages of the cows run from 3 to 7 years. This is a good producing, good type herd, and selling in just farm condition. All Tb. and Bang's tested.

ALL MY DAIRY EQUIPMENT SELLS
For folder of sale write to
CARL ADAMS, Rt. 3, St. Joseph, Mo.
Auctioneer, Bert Powell.

HOLSTEIN BULL CALVES

For lease or sale: Grandsons of Governor of Carnation from tested dams.
SECURITY BENEFIT DAIRY
Topeka, Kansas.

HOLD ALL WORLD'S RECORDS!

All U. S. records for butter fat production in the various ages and classes are held by Holsteins, and they also hold all milk records. The natural size and stamina of the Holstein cow has much to do with record breaking showing.

FREE ILLUSTRATED HOLSTEIN JUDGING MANUAL, WRITE

HOLSTEIN-FRIESIAN ASS'N OF AMERICA • Brattleboro, Vermont • Box 2015

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.

Smoky Valley Registered Holsteins

Carnation Countryman in service, mating with granddaughters of Sir Billy. Bulls, calves to serviceable age, out of cows with butterfat records up to 500 lbs.
W. G. BIRCHER & SONS, ELLSWORTH, KAN.

Registered Holsteins

for sale. Purebred cows giving milk, heavy springer cows and heifers.
L. W. GRIMES, Haviland, Kansas

A Barn Full of Bulls?

What nonsense! Yet nine out of ten breeders in buying a herd sire fail to consider the old lady. Of course, that is their constitutional right. But, brother, I don't want a barn full of bulls. I want a barn full of COWS!
A. LEWIS OSWALD, Rotherwood Jerseys, Hutchinson, Kansas.

Brown Swiss Dairy Cattle

High quality, registered. Address inquiries to Dannen Easthills Farm, Box 429, St. Joseph, Mo.

Public Sales of Livestock

Angus Cattle
January 2—Geo. Wehrmann, Wellington, Kan.
Hereford Cattle
January 3—Sutor Hereford Farms, Zurich, Kan.
January 4—R. L. Cathcart, Blakeman (Rawlins County) Kan.
January 26—Northeast Kansas Hereford Breeders, Topeka, Kan. Secretary, E. G. Becker, Meriden, Kan.
February 6—Reno County Hereford Breeders (Fair Grounds) Hutchinson, Kan. Don Shaffer, Manager.
February 23—Walnut Valley Hereford Ranch, Waite Bros., Proprietors, Winfield, Kan.
April 9—Northwest Kansas Hereford Breeders, Atwood, Kan. H. A. Rogers, Sale Manager.
Holstein Cattle
December 17—Carl Adams, St. Joseph, Mo.
Shorthorn Cattle
January 21—Phillip K. Studer and Keith P. Studer, Atwood, Kan. Sale at Tipperary Ranch.
Duroc Hogs
January 28—C. M. Sheehy, Richards, Mo.
February 2—Clarence Miller, Alma, Kan.
February 5—Vern Albrecht, Smith Center, Kan.
February 16—Kansas Duroc Breeders, Belleville, Kan. Manager, Dr. George Wreath.
February 18—W. Fred Bolt, Isabel, Kan.
Hampshire Hogs
February 27—R. E. Bergsten & Sons, Randolph, Kan.
Poland China Hogs
February 4—Bauer Bros., Gladstone, Nebr.

Trend of the Markets

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

| | Week Ago | Month Ago | Year Ago |
|---------------------|----------|-----------|----------|
| Steers, Fed | \$17.65 | \$17.65 | \$16.00 |
| Hogs | 14.55 | 14.55 | 14.25 |
| Lambs | 14.50 | 14.50 | 14.60 |
| Hens, 4 to 5 Lbs. | 18 1/2 | .22 | .23 1/2 |
| Eggs, Standards | .43 | .43 | .43 1/2 |
| Butterfat, No. 1 | .46 | .46 | .46 |
| Wheat, No. 2, Hard | 1.71 1/2 | 1.81 1/2 | 1.74 |
| Corn, No. 2, Yellow | 1.14 | 1.15 1/2 | 1.13 1/2 |
| Oats, No. 2, White | .79 | .79 | .80 |
| Barley, No. 2 | 1.27 | 1.22 | 1.13 |
| Alfalfa, No. 1 | 30.00 | 27.50 | 31.00 |
| Prairie, No. 1 | 16.50 | 16.00 | 18.00 |

Dual-Purpose CATTLE

DU KAN MILKING SHORTHORNS

Selected young bulls from calves to 12 months old, sired by Kingsdale Pride 13 (classified "very good" and Kansas Grand Champion 1942 and 1943) out of R. M. cows with records up to 400 lbs. fat 4 continuous years in DHIA and classified "very good."
WALTER CLARKE, Great Bend, Kan.

KENTON MILKING SHORTHORN HERD

Offers an exceptionally dark red bull near serviceable age. Dam 314 lbs. fat as a junior two year old (classified "very good.") Bull sired by Wapsie Craggs Duke classified "excellent" and grand champion Kansas State Fair 1945. Also younger bulls same breeding.
GORDON JANSSEN, Bushton, Kan.

RETNUH FARMS MILKING SHORTHORNS

A TESTED HERD—A CLASSIFIED HERD
Our cattle are making good in the hands of other breeders. At the last Kansas State Fair at Hutchinson in September our breeding won 10 out of a possible 16 first places. In these 16 classes there were 50 placings or moneys won and 25 of these were by Retnuh-bred cattle. Some of our top Record of Merit cows are calving now and we suggest you stop in and see our offering. Don't forget we stand back of our cattle.
JOE HUNTER, Geneseo, Kansas.

Reg. Milking Shorthorns

Two bull calves one year old. Good quality and best breeding. Also baby bull calves and some cows and heifers for sale.
ROY ROCK, Enterprise, Kan.

Milking Shorthorn Bulls

AT SOLDIER CREEK FARM
A polled, seven-month-old dark red bull calf from an RM cow. Also both polled and horned baby bulls. See or write
LESLIE & LESLIE, Goff, Kansas.

Breeden Offers Milking Shorthorns

Selected young bulls from calves to breeding age, by strictly top sires and mostly out of R. M. cows. Also can spare a few females. Inspection invited.
LEO F. BREEDEN, Great Bend, Kan.

Duallyn Milking Shorthorns

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

ELDORA MILKING SHORTHORN FARM

Home of cattle with production and quality. Tb. and Bang's clean. Bulls, young cows and heifers for sale.
GARY BROWN & SONS
Route 3 Great Bend, Kan.

MILKING SHORTHORNS

"Our only business"
Tested—Classified—Vaccinated—Proved. Before buying, see them at farm 4 miles northeast of city on No. 17.
HARRY H. REEVES, R. 3, Hutchinson, Kan.

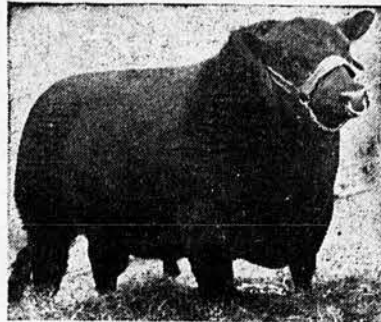
LOCUST DELL FARM MILKING SHORTHORN

Bull calves up to serviceable age, sired by Griffarm Locust Supreme, whose 7 nearest dams average over 14,000 lbs. milk and 500 lbs. butter fat. Can also spare some good young cows.
W. S. MISCHLER & SON
Bloomington, (Osborne Co.) Kan.

Wehrmann's Aberdeen-Angus Sale

Wednesday, Jan. 2

Having sold my farm, I am selling my Angus cattle without reserve. Sale on farm 2 miles west of Wellington, Highway 160 (all-weather roads.) Sale at 1:30 p. m.



21 Head—All Recorded

6 BULLS—3 serviceable age, including the herd bull (Eric S. 12th of Maize 735579, four years old) and 2 head 14 months old.

15 FEMALES—6 cows, all under 7 years old. All bred to above herd bull; 5 bred heifers; 4 heifer calves.

Most of the older cattle were sired by (Elbor of Lonjac 15—1513794) and the younger cattle by (Revolution 3 of Maize 629101).

All females calfhooed vaccinated and now free of Abortion and Tb. For catalogue write

GEO. WEHRMANN (Owner) Wellington, Kan.

Auctioneer—C. W. Cole. Jesse R. Johnson with Kansas Farmer.

R. L. Cathcart HEREFORD Dispersion

(Rawlins County)

Blakeman, Kan., Jan. 4

47 Reg. Herefords Sell

14 Bulls and 33 Females

This is a dispersal sale of one of the good herds in Northwest Kansas. The herd sire is Real Prince R 1-3635752 and a real breeder. All the bulls but one are sired by him. Cows are bred to him and several cows have calves by him. Nine extra good heifers sired by this herd bull also sell. The entire sales offering are in good condition and are a very attractive sales offering.
H. A. ROGERS, ATWOOD, KANSAS, is selling four of his Real Prince 31st yearling bulls in this sale, all half brothers to the Cathcart herd bull.

For catalog write to
AUCTIONEER, FRED CHANDLER
R. L. Cathcart, Blakeman, Kan.



STUDER'S Absolute Dispersion Sale

REGISTERED SHORTHORN CATTLE

At Tipperary Ranch in Northwest Thomas County, 12 miles north of

Levant, Kansas, Monday, January 21

84 HEAD 85 Cows, only 4 head over 4 years old. All bred. 12 Two-Year-Old Bred Heifers and 18 Heifer Calves. 7 Serviceable Age Bulls, including the herd bull, Browdale Major. 12 Bull Calves, all sired by our former herd bull, Studeboy's Marshall. All females of breeding age will be bred to Browdale Major.

Health of Herd: The herd has been state accredited for over 11 years and health certificates furnished with every animal.

Sale Held Under Cover at Ranch and the cattle can remain a day or two after sale if necessary.

FOR A SALE CATALOG ADDRESS

Philip K. Studer & Son, Atwood, Kansas

Jesse R. Johnson with Kansas Farmer



Auctioneer—Bert Powell, Topeka, Kansas.

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REAL "PACKER-TYPE" HAMPSHIRE

Offering a few top spring boars at \$50 to \$150. Also weanling pigs 45 to 85 lbs. each. Registered, vaccinated, price crated F.O.B. our station at \$35 each. Can furnish unrelated pairs or trios at \$100. Sired by our herd boars and out of our high-producing sows. Inquire of

O'BRYAN RANCH, HIATTVILLE, KANSAS



Dairy CATTLE

Raise a GUERNSEY BULL To Raise Your INCOME

To get top income over cost of feed, select one of 50,000 registered Guernsey bulls out of a good or better cow and travel the road to more profitable dairying. Write for FREE Booklet.

THE AMERICAN GUERNSEY CATTLE CLUB
301 Grove Street, Peterborough, New Hampshire

GUERNSEY BULL SELLS DECEMBER 17
I will sell Monday, December 17, at the Special Bull Sale of the Central Livestock Sales Company in South Hutchinson, Kansas. Guernsey Bull, Rex's Cherokee's Roland 360988, born July 1, 1943. Sired by Meadow Lodge Rex's Cherokee 260217, grandsire and dam, Bourne-dale Rex 159247, Maple Lane College Queen 402897. His dam, Philander's May Royal's Rose 616020. Warren Conrad, R. 2, Hutchinson, Kan.

BROWN SWISS CATTLE IMPROVEMENT

25 Years Breeding and Culling
A good selection of bulls ready for new homes. Registered and from high producing dams, carrying the blood of the best sires and dams of the breed. They are from 7 months to two years old. We offer no culls.
G. D. SLUSS, El Dorado, Kan.

SHEEP

Hampshire Ram Lambs

For sale. Registered. Sired by 1944 blue ribbon ram.
Dannen Easthills Farm, Box 429, St. Joseph, Mo.

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Kansas Farmer is now published on the first and third Saturdays of each month, and we must have copy by Friday of the previous week.

JESSE R. JOHNSON, Fieldman
Kansas Farmer - - Topeka, Kansas

January 5

Will Be Our Next Issue

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

Saturday, Dec. 29



What Chick Mash Is Best?

YOUR COMMENTS ON POULTRY FEED

1. Do you raise chickens? Check Yes No

2. What BRAND of chick mash do you consider best?
Answer: _____

3. What BRAND of egg mash or pellets do you consider best?
Answer: _____



POULTRY-RAISERS IN THIS AREA VOTE

Nutrena **CHICK MASH**
Best 2 to 1

**OVER 2nd BEST FEED
 3½ to 1 over 3rd Best..**

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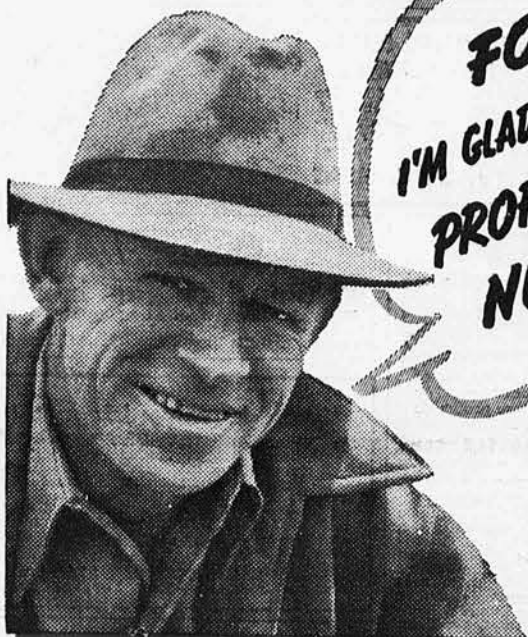
There are dozens of brands of Chick Mash. Which one is best?

At last there is an answer . . . direct from surveyed poultry-raisers. This impartial unbiased survey was conducted by Robert S. Conlan & Associates.

And the answer is—"Nutrena is best of all." Nutrena got twice as many votes as the second place chick mash!

This answer is important to you. You know that the better your chick mash the better your livability, growth and profit should be.

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