

FEB. 7, 1942

KANSAS FARMER

CONTINUING MAIL & BREEZE



Four-Point Support For Spring Egg Flow

PPRICE support for eggs is planned during the coming spring season of heaviest production, says the U. S. Department of Agriculture. Designed to carry forward the Department's program of supporting producer egg prices at a minimum of 85 per cent of parity to encourage expanded production for wartime needs, the plans call for increased purchases of eggs during the months when supplies are greatest and prices are normally lowest. Purchases of eggs by the Department during the months immediately ahead will aim at continuing the support of producer prices at least at the 85 per cent of parity level and, in addition, preventing a disorderly seasonal price adjustment.

Officials point out that parity price levels reflect regular seasonal [Continued on Page 2]

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NEW FOOD GOALS

Call for Record Farm Production

FARM production goals for 1942 have been hiked again. Last fall, Secretary Claude R. Wickard called on American farmers to raise in 1942, more than they ever have raised in any one year to meet the goals he set for this year. These goals were reported in your September 20, 1941, Kansas Farmer. Last month Secretary Wickard announced revised goals—higher than in September—which call for the greatest production in the history of American agriculture, and for putting every acre of land, every hour of labor, and every bit of farm machinery, fertilizer and other supplies to the use which will best serve the nation's wartime needs. The Secretary asks:

Milk: Same as September goal at 125 billion pounds, up 7 per cent over 1941.

Eggs: Now 4,200,000,000 dozen, up 200 million over September goal, and 13 per cent over 1941.

Chickens: Same as September goal at 644 million, up 10 per cent over 1941.

Hogs: Now for slaughter 83 million, up 3,700,000 over September, and 14 per cent over 1941.

Corn: Now 92½ to 95 million acres, compared to 87½ to 90 million in September, and 8 per cent over 1941.

Cotton: Now 25 million acres, up 1 million over September, and 8 per cent over 1941.

Wheat: Now 55 million acres, compared with 50 to 55 million September goal, and 12 per cent under 1941 acreage.

Vegetables: Up 18 to 32 per cent in 30 per cent more gardens compared to 1941.

Soybeans: Now 9 million acres, up 2 million over September, and 54 per cent over 1941.

Flaxseed: Now 4½ million acres, same as September, and 31 per cent over 1941.

Peanuts: Now 5 million acres, up 1½ million over September, and 155 per cent over 1941.

Cattle and Calves: Same as September at 28 million, up 8 per cent over 1941.

Sheep and Lambs: Same as September at 22,900,000, up 1 per cent over 1941.

Wool: Same as in September and 5 per cent over 1941.

Turkeys: Same as September at 35,750,000, and 10 per cent over 1941.

Oats: Same as September at 40 million acres, up 2 per cent over 1941.

Barley: Now 16 million acres, up 1,625,000 over September, and 6 per cent over 1941.

Grain Sorghum: Now 10 million acres, up 625,000 over September, and 6 per cent over 1941.

Potatoes: Same as September at 3,060,000 acres, up 10 per cent over 1941.

Hay Crop for Seed: Now 4,919,000 acres, same as September, up 25 per cent over 1941.

Price Support: Hogs, eggs, cheese, evaporated milk, dry skim milk, and chickens except broilers, peanuts for oil, soybeans for oil, and flaxseed for oil will be supported at 85 per cent of parity.

Steers Pay \$32.57

A highlight of the winter beef tour and meeting in Wabaunsee county was the exchange of ideas and discussion on different methods of deferred feeding. Exact figures on a successful system were provided by A. E. Stuewe, veteran feeder of Alma, who realized a net gain of \$32.57 for each steer in his deferred feeding operations last season.

Mr. Stuewe started last November with steer calves weighing 435 pounds. The winter ration included 30 pounds of silage, 2 pounds of ground kafir and three-fourths pound of cottonseed meal for each calf daily. On this ration the average winter gain was 190 pounds, and average cost of wintering was \$12.80.

On May 1, the steers were turned on grass at a weight of 625 pounds. Remaining on grass until September 15, they made an average gain of 180 pounds. Then, in mid-September, they were started on a 90-day period of full



"We crossbred our chickens with a parrot."

feeding. The daily ration included 10 pounds of corn, 1 pound of cottonseed meal, 2 pounds of alfalfa and 30 to 40 pounds of silage for each steer.

Average gain on full feed was 180 pounds—exactly 3 pounds a day. Total feed cost was \$43.35 a head. Cost of gain amounted to \$8.36 a hundred pounds. Average sale value of the steers was \$114.95.

Poultry Trainees

Last year 4,935 Kansas 4-H Club members carried poultry projects. Leading the list of counties was Shawnee, with 142 clubsters enrolled in poultry projects. Labette county was second with 135, and Ellsworth was third with 126. Other counties in the high 10, listed in order, are Bourbon, Sedgwick, Saline, Butler, Crawford, Pottawatomie and Dickinson.

Four Point Egg Support

(Continued from Cover Page)

fluctuations in commodity prices, and that the parity level for eggs is itself lower in spring months of heavy production and higher in months of lighter production.

Plans for supporting egg prices during the next few months of flush production call for the following:

1. Make full use of virtually all of the production capacity of egg-drying plants. Operating on an around-the-clock basis, present egg-drying facilities can produce more than 200 million pounds of dried eggs annually, which would require more than 20 million cases—30 dozen each—of eggs. Dried eggs are most desirable for Lend-Lease shipment because their concentration saves ocean shipping space and no refrigeration is required.

2. Inaugurate purchases of U. S. wholesale grades of fresh shell eggs for school lunch, relief and other immediate distribution purposes and for storage for subsequent distribution.

3. Make purchases of shell-treated export grades of fresh eggs later in the spring production season for storage until shipment during the fall months.

4. Continue, for the time being, limited purchases of export grades of eggs for immediate use. The volume of shell eggs involved in Lend-Lease shipments has been smaller, in comparison, than the amount of eggs shipped in dried form. Shell eggs require a great deal more ocean shipping space and need refrigeration during warm weather.

"While we are pledged to support the producer price level at 85 per cent of parity, actually we have been supporting it at times at around 90 per cent of parity in order to encourage increased production when supplies were needed most," Roy F. Hendrickson, Agricultural Marketing Administrator of the Department of Agriculture, said. "The volume of eggs we expect to buy during the next few months of heavy production will be substantially larger than the quantity bought for Lend-Lease shipment and other purposes during the last few months."

From March 15, 1941, when the Department of Agriculture expanded its general purchase program to meet Lend-Lease and other needs, purchases of eggs by the Surplus Marketing Administration thru January 17, 1942, totaled the equivalent of more than 8,400,000 cases.

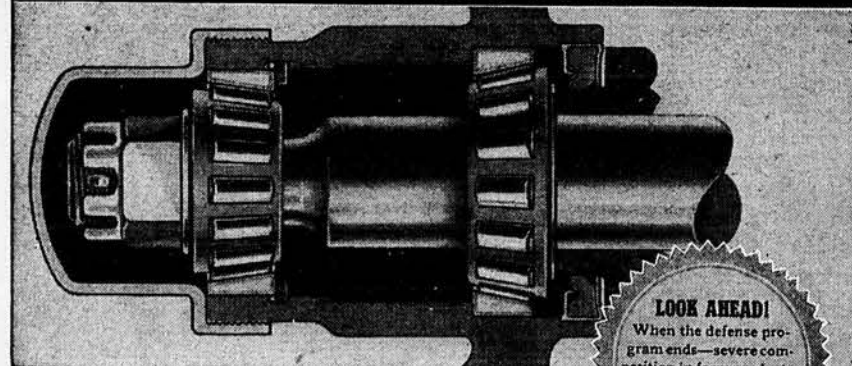
"For several months before our expanded purchase operations began in March 1941, the farm price of eggs averaged below 85 per cent of parity," Mr. Hendrickson said. "For the months since then, the farm price of eggs has averaged well above the 85 per cent parity level."

The following table shows the average farm price of eggs and the 85 per cent of parity price for eggs, by months for the United States during the last 3 years, and indicates how these prices vary from season to season:

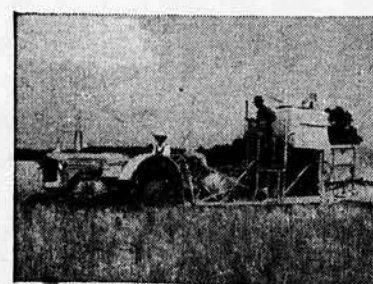
	1939		1940		1941	
	U. S. Farm Price	85% of Parity	U. S. Farm Price	85% of Parity	U. S. Farm Price	85% of Parity
	Per Dozen	Per Dozen	Per Dozen	Per Dozen	Per Dozen	Per Dozen
January	18.8c	23.0c	18.3c	22.8c	19.7c	22.4c
February	16.7	20.7	20.2	20.7	16.8	20.6
March	16.0	18.7	15.4	19.2	16.4	19.3
April	15.5	18.4	15.0	19.0	15.7	19.3
May	15.2	18.2	15.1	18.7	20.1	19.3
June	14.9	18.2	14.4	18.4	23.2	19.0
July	16.5	20.2	16.4	20.7	25.6	21.8
August	17.5	21.9	17.2	22.3	26.8	24.1
September	20.6	26.2	21.0	26.2	3.03	28.6
October	22.9	29.4	23.7	29.2	31.8	32.7
November	25.8	33.0	26.2	32.7	35.5	36.8
December	20.5	29.9	26.8	29.4	34.1	32.6

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Right Kind of Food

Means Steady Nerves at the Front

KANSANS are not losing any time in organizing for more food production to help supply war needs. A district meeting at Topeka, January 3, was attended by about 200 county agents, bankers, county commissioners, editors and war board chairmen, representing 20 counties in Eastern Kansas.

Called by Frank O. Blecha, district extension agent from Kansas State College, the meeting emphasized importance of producing the kind of foods that are most in need and most suited for use by the United States government. Mr. Blecha said 36 dozen eggs can be dehydrated into a 10-pound package suitable for shipping to provide perfect food for our soldiers and our allies.

Need for high vitamin foods such as milk, eggs, meat and vegetables was explained by Dr. J. S. Hughes, who specializes in nutritional work at Kansas State College. Doctor Hughes pointed out that during World War I the home folks gave up use of sugar and white flour so the boys "over there" would have plenty of these wholesome, energy-rich foods for the strenuous work which they had to do. At that time we did not know the unrefined whole-grain substitutes used at home would have been better for our fighting men than the highly refined vitamin-free products.

Morale at the front, in the factory, or on the farm must be based on steady nerves and stable emotions, but these are possible only when the food is adequate to meet all needs of the body, Doctor Hughes said. This can best be done by supplying enough of such foods as milk, eggs, meat, whole grains, fruits and vegetables. It is the job of the American farmers to produce these foods. Without them the war cannot be won.

"Penalty" Free of Tax

Wheat growers will not have to pay income taxes on the 49-cents-a-bushel wheat-marketing quota penalties. Overruling a regulation put out by W. T. Burke, Kansas Internal Revenue collector, Guy T. Helvering, federal commissioner of internal revenue, has announced the "penalty" is an ordinary and necessary expense incurred in operation of a business.

"The intent of the law is to collect income tax on actual income," Helvering said in explanation. "If a farmer sells his wheat for \$1,000, and has paid \$490 excess penalty, his return on the wheat, for income tax purpose, is \$510. Of course, if later he should get a refund, then the refund will have to be returned as income for the year in which it is received."

Helps Identify Weeds

Most farmers are well acquainted with the weeds common to their area. But few are acquainted with all the weeds of Kansas, and sometimes it is necessary for definite proof to settle an argument about the proper name, even for a local specimen.

To help all Kansas farmers become more familiar with their weed enemies, the Kansas State Board of Agriculture has prepared an attractive new publication, "Weeds in Kansas." It contains information on virtually all the known weeds of the state, totaling nearly 400. With numerous illustrations, many in natural color, the publication arranges these weeds in groups, according to their habits and relationships. In addition to helping identify different Kansas weeds, the book is designed to help farmers learn of habits of growth, economic consequence, habitat, distribution, methods of control and eradication for many, and other valuable information concerning the weeds.

Author of this book is Dr. Frank C. Gates, professor of plant taxonomy and ecology at Kansas State College, who has a national reputation for his knowledge in this field. Copies of the publication may be obtained by writing to J. C. Mohler, secretary of the Kansas State Board of Agriculture, State House, Topeka. This is a valuable book for any Kansas farm library.

Lime Helps 13 Years

About 13 years ago E. W. Kaiser, prominent Miami county farmer, limed 9 acres of a 22-acre field on his place. Since then the field has been in various crops and both parts of the field have been handled about the same. The field is now in sweet clover, and last season when Mr. Kaiser harvested a crop of seed from it he found he was still clipping the coupon for liming work done 13 years ago. The 9 acres that had been limed yielded more seed than the 13 acres in this same field which received no lime 13 years ago. The limed por-

tion of the field also produced more and better pasture thru the year. Mr. Kaiser believes in a careful program of liming, fertilizing and legumes to maintain and improve farm land, and it has proved profitable in his farming operations.

Phosphate Jumps Yields

Farmers in Elk county are finding they can consistently double their alfalfa yields by use of phosphate. On the farm of J. M. Liebau, alfalfa top-dressed with 100 pounds of superphosphate to the acre yielded 1.28 tons to the acre. An untreated area on his farm produced an acre yield of only .56 ton.

Even more significant results were seen on the farm of Heater Bros., where 100 pounds of superphosphate to the acre was applied before seeding. On this soil, alfalfa yielded 2.08 tons to the acre while an untreated area yielded only .71 ton to the acre.

Logan Wilson, treating with 100 pounds of phosphate, obtained a yield of 1.59 tons to the acre, as compared to .89 ton from an untreated area on his place. Mr. Wilson is a firm believer in proper fertilization along with terracing, contour farming and other soil-conserving and soil-improving practices.

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RAISE MORE FOOD FOR FREEDOM

AMERICA is engaged in a gigantic struggle for the very preservation of the nation. Industry and Agriculture look forward to a VICTORY in which all men and women will share—and for which every man and woman must fight. Food is a vital essential—and it is the American farmers' business to produce that food.

To build your farming business to new high levels of production, great numbers of machines and equipment are going to be required. But the armament program is taking a huge bite out of the supply of raw materials that are used in building new tractors and equipment. The need for farm machines will be greater—but fewer will be produced.

There is only one answer: Every available piece of farm equipment in this country must be pressed into service to increase food production.

PUT NEW LIFE IN YOUR OLD EQUIPMENT!

Check your old machines. List the new parts you need. Order these parts now. Call on your dealer for expert repair service. Put new life in your old equipment and make it work as never before.

If you're a Farmall farmer, here's what your International Harvester dealer will do for you. He will supply genuine IHC parts for any of your machines. He will give you the best repair service, in a shop that is al-

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increase your food production.

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Ordinary denims are "off-balance" — cross threads are about half as strong as lengthwise threads. **KEY HERRINGBONE-DENIM** is equalized — cross and lengthwise threads are of equal heavy strength. Pull — rip — scrub — boil — give them toughest wear — **KEY IMPERIALS** hold up and look better than ordinary overalls. They're Sanforized — won't shrink.

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The striking material design and smart fit of **KEY IMPERIAL** overalls put 'em in the real quality class. They're comfortable across the back, chest, around the waist and in the crotch!

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Compare the low price of **KEY IMPERIAL** overalls with that of ordinary blue denims. You'll often find **KEY IMPERIALS** can outlast ordinary overalls more than a year in hardest wear. And you get a **New Pair FREE** if for any reason you're not completely satisfied.

FREE SAMPLE
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Until Dinner Is Ready

Cows Balk: At altitudes of more than 13,000 feet, cows will not give milk. Of course, some cows won't give much milk even at sea level.

Haiti Helps: In the future, Haiti is expected to supply a part of the rubber requirements of the United States, as plans have been made for the eventual planting of 70,000 acres of rubber trees.

Men Bigger: So steadily has man's stature increased since days of old that suits of armor, preserved for the last 1,000 years, would hardly fit a 13-year-old boy today. No doubt the size of the hats have grown larger, too.

Saves Tin: Dehydrated foods, declared equal in value to canned foods by the Food Committee of the Army and Navy Rations Board, may help solve a possible shortage of tin.

Gasproof: A method for gasproofing wool uniforms has been announced at the Wool Industries Research Laboratory, at Torridon, Leeds, England. The laboratory has also developed a new chemical treatment for woolen bandages, which produces the same effect as elastoplast, used in the surgical treatment of wounds.

Talking Drivers: Shortage of men has forced Benton Harbor, Mich., taxi companies to hire women drivers. The back-seat driver moves up front!

Two Heads to Feed: A 2-headed snake lived for months in a New York park. When it was fed, a cardboard was placed between the 2 heads so that one would not get the other's food.

Love Apple: A new tomato called Pan-America, which appears resistant to fusarium wilt, has been developed by United States Department of Agriculture plant breeders. The department has no seed for distribution at this time.

Already Invaded: More than 1,000 different kinds of European weeds have invaded this country.

Fool Proof: Wayne Dinsmore, Chicago, secretary, Horse and Mule Association of America, says the mule is the only fool-proof power in the world. When the temperature goes up, the mule slows down, and nothing can make it go any faster.

Bamboo Tree: The tropical bamboo tree is the most versatile of all world plants, being used in production of food, weapons, shelter, implements, clothes, furniture, baskets, containers, bridges, pipes, cable, paper, ornaments, and other articles.

Slow Burning: Paints made with synthetic resins as a base instead of the customary linseed oil may make good fire-retarding coatings for wood, says the U. S. Forest Service.

Meat Cuts: Did you know there are more than 500 different retail cuts of meats? If not, you are in a class with several hundred women interviewed by the meat trade, who could name only a dozen — and this included all the cuts in a steer, a hog, a lamb and a calf.

Defense Soybeans: Chemists want more soybeans so they can obtain more protein to make up for growing shortages of casein, an adhesive necessary to defense industries. They'll stick to it until soys amount to something.

Machine Age: The modern home, lighted by electricity, heated by a well-regulated furnace, equipped with modern sanitary facilities, and provided with running hot and cold water, is evidence of what the machine age has done for American families.

Try this quick, easy way to
MAKE FINE SOAP
at a cost of less than 1c a bar!



Save money by making your own soap at home, turn waste grease into profit! "From experience I know that anyone who uses **LEWIS' LYE** as directed," writes one housewife, "can depend on getting a beautiful, hard, white soap of superior quality."

It's easy as baking a cake! Six pounds of waste cooking grease, a can of **LEWIS' LYE**, and a few minutes of time will give you 9 pounds of fine, all-purpose soap — at a cost of less than 1c per large bar!

Thousands of housewives make their own soap with **LEWIS' LYE**. Pure home-made soap is an excellent cleanser, easy on fine fabrics. Contains natural glycerin, soothing to the skin.

Use **Lewis' Lye** for all kinds of house cleaning. It softens water, makes soap go farther. Demand genuine **LEWIS' LYE**. Double-refined, and double-checked for purity by scientific spectrographic analysis. Only 10c a can. Write for free booklet.

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Falls Tree, Cuts Log
Uses Power Take-off any tractor. Saws fast. Easy on fuel. Hundreds of satisfied users. Big labor saver. Low Price.
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Western Centrifugal and Turbine Pumps for deep well, shallow well or river pumping. Write for catalog and complete information.

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One man with tractor moves more dirt, builds dams, levels land, etc. **FASTER** — no stopping! Proved 5 years by hundreds of users. **FREE BOOK** — full details of Trial Offer, Lowest Prices. Send NOW!
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Kansas' fastest-growing Silo Company. There is a reason.



Stowing away American-made lard for shipment to Great Britain.

"WE SHALL FIGHT IN THE FIELDS"

By FRANCIS FLOOD

"We shall fight on the beaches; we shall fight on the landing grounds; we shall fight in the hills; we shall fight in the fields and in the streets. We shall never surrender."—Churchill.

WHEN the war is over I nominate for recognition the unknown farmer who is fighting "in the fields" under difficulties and dangers equaled only by his eagerness to do more. Perhaps we would do as well if we were under the same gun. But so far we have had to make no sacrifices at all compared with those laughed off every day by our English allies. I saw bomb craters on farms in every county I visited in England and Scotland. In this war on civilians, every field on every farm in England is threatened by bombs and machine-gun fire from planes. Every farm is a possible battlefield, and every farmer and his family is an armed garrison against air-borne invasion troops. But equally vital to the defense of this country is the fight "in the fields" at the English farmer is making for production; more and more production, at the bombs fall where they may. That's what appealed to me. It was exciting to me to stand there on the White Cliffs of Dover while air battles were raging above me, and the guns on both sides of the narrow straits of Dover were tossing shells back and forth over my head like tennis balls over a net. But it was still more dramatic—to visit the farms on those same white cliffs and talk to those Kent county farmers who are going ahead with their farming right there in the front lines, and increasing their pro-

duction in the midst of all the shelling. For the White Cliffs of Dover and the farms on the chalk hills of Kent county are England's front-line trench. From your barn door in Kent you can see Hitler's front-line trench, just across the narrow Straits, in France. You can glance up from your plow and see the flash of Hitler's guns, and then you stand there and wait 73 seconds until the shell passes over your head or lands in your wheat field or your neighbor's pasture. Then you plow around the shell hole or you round up the scattered sheep, but you keep right on farming. I was on one farm that had 53 direct hits, 53 big bomb craters to plow around. I went to Dover with John Gunther, who wrote "Inside Europe" and "Inside Asia," but after he went back to London I stayed to see if I couldn't get bombed on the white cliffs—and principally to visit Kent farms. The first was easy. But everything else in Kent is difficult and discouraging. It's hard to get around, in the country. You can't hire a car. Nobody can spare gasoline out of his ration of about 6 gallons a month. On the roads you are stopped occasionally by sentries. You get lost because all road signs have been taken down to make it difficult for an invading enemy to find his way. Road signs have been displaced by posters picturing the various uniforms of enemy parachute troops so that they can be quickly identified.

So I was glad when the chairman of the Kent county farm committee, Lord Northbourne, phoned that he'd take me with him tomorrow on his regular rounds. Next morning in his battered little car, he showed up, looking like an ordinary none-too-prosperous Corn-Belt farmer at home. Lord Northbourne is an English farmer who would much prefer to run his own farm and let his neighbors run theirs. But he's had to turn over the handling of his land to a manager while he gives all his own time, without pay, to this committee work. His committee tells every Kent farmer exactly what to do with every acre of his land, every cow and every egg. I learned of some of the English farmers' difficulties that day with Northbourne.

The first farmer we called on, Mr. May, pointed out some of these difficulties. Those big poles, for instance, sticking in the ground at intervals of a few rods in every field of 5 or 10 acres or more. To keep enemy invading airplanes from landing, or to crack 'em up if they do land. These poles are all over England—by the millions. But it's a nuisance to farm around them.

Then there are the tank traps and the home-guard trenches that are dug all over your fields and lanes, and you have to farm around them.

"I had to send my purebred dairy herd away," said Mr. May. "I evacuated them up into Northern England, where they won't be as likely to be bombed in the pasture as they are here. Sent them up there for the duration. I hated to turn over the care and breeding of those cows to somebody else, but I couldn't risk them here."

He would stay on that Kent farm himself with his family—but not risk that purebred herd. This is significant of the effort England will make to retain her breeding herds at any cost, and my investigations indicate that, even tho the total cattle number has gone down some and may decrease still more, the purebred breeding herds will be saved for quickly building up the herds again after the war. You can depend on it that if there will always be an England there will always be good livestock.

Saves Cows From Bombs

"It's a problem even with these grade cows," May explained. "A good-grade cow is worth from \$250 up and so I can't afford to risk bunching them in 1 lot at night, for 1 direct bomb hit might wipe out the herd. So I just divide 'em up, a few in each lot at night. No, that's not much trouble, and we've got to carry on."

"Of course, we get so many bombs here we've got to be careful, but we keep going. Last time I was drilling wheat—in that field right over there—with 2 men and 3 horses, a near hit killed both my men and all 3 horses. But I repaired the drill and next morning I was drilling wheat again with the same drill in the same field."

Soil on the Kent hills above the chalk subsoil is thin, and a bomb not only makes a hole in the field anywhere from 10 to 20 feet across and perhaps 10 feet deep, but it also scatters that pure chalk subsoil over the fields around the crater. So the farmer has the work and expense of either filling up the hole or farming around it, and also the loss of fertility of his surrounding topsoil that he has fertilized at such great expense.

"Yes, I can file a claim for these losses and damages, and the government eventually will pay, but these add up to such enormous sums that it will take most of my own income to pay the necessary taxes," May explained. Already farmers' income taxes in England go up to 50 per cent and 80 per cent and 90 per cent of their income, and many are even paying EPT, or excess-profits tax, which means 100 per cent of all income above the 1937-39 average.

"Your U. S. wheat farmers," May reminded me, "who had to pay a penalty of so many cents a bushel for wheat they produced in excess of their

allotment, while getting a protected price for all their wheat, might ponder the plight of an English farmer who pays 100 per cent of all income above his allotment."

I noticed May's grain stacks were scattered over his fields. "Yes, I'd rather bunch them in one place, as I always have, for easier threshing and better handling of my straw. But I can't risk having them all set on fire by incendiary bombs, so I stack them that way. You get used to it. And yes, sir, I keep a few buckets of water and sand bags and some fire beaters by all my stacks."

"Yes, we put out most of the fires around here because we get at them pretty quick. You see, everybody has to stand a fire watch 2 nights a week and with all of us taking turns that isn't much of a job and it saves us a lot of loss."

Prefers to Produce Milk

"No, I don't like this grain farming and plowing. Never did like to farm. I'd rather have most of my land in grass, buy my grain feed and just milk cows, as I always did before the war. Just run a 'milk factory' instead of a farm. That's what I like. It's good for the land, too."

"But Lord Northbourne here told me I had to plow up my grass and raise grain, and so I'm doing that now. Sure, we all argue with the committee a little about their controls, because it's human nature to want our neighbor to be controlled but not ourselves so much, but we're sure thankful for what this committee has done for farming here. So we do our bit."

May is doing a good job of raising "corn" as they call all grain in England—except our corn, maize, which they don't grow there at all. He thinks he's had a failure unless he averages 50 bushels of wheat an acre.

"But the 50 cows I used to keep on my 80 acres, averaging 8 tons of manure a cow meant 400 tons a year, or 5 tons of manure an acre. Or 15 tons an acre every 3 years. And, remember, I did that for years. Now I'm drawing on that stored-up fertility. It's all right for a while, and I'm glad to do it. I had that savings in my soil bank."

The next farmer we visited was Goddard, a renter who had only recently moved onto that farm. Some remodeling and repairs were necessary on the barn, required by the milk inspector under the new and strict milk regulations, but no repairing could be done, no material bought, until the county committeeman's inspection and approval. That's why Northbourne made his visit that day.

In addition, some remodeling of another old building to accommodate Goddard's family had to be okayed and completed because the army had taken over the farmhouse. "Well, they needed it, and this house will be okay," said this farmer who had been moved out of his own home. Two weeks before my visit 5 of Goddard's cows had been killed by bombs.

Later, on other Kent farms and throughout England and Scotland I learned of many more handicaps, more difficulties and discouragements, which I'll tell about in the next issue of Kansas Farmer.

But when Northbourne drove me, in the blackout, back to the White Cliffs of Dover where I was to spend the night under a shelling and bombing raid, I asked him, "All right, in the face of all these terrific handicaps, how much of Kent county's land has been abandoned, how much has farm production fallen off?"

His reply is the English farmers' answer to Churchill's challenge: "Before the war, in 1939, Kent county had 166,000 acres under the plow, with 430,000 in pasture. In 1941 Kent had 266,000 under the plow, with 336,000 in pasture."

They are fighting in the fields.

This is the third in a series of articles on war-time England. Continued next issue.

A British cart carries American food from the docks to London shops.





M. E. Rohrer, left, Dickinson county, believes in good laying stock. Use of pure-bred males boosted average egg production of his hens from 140 to more than 180 eggs a year.



A. D. Mall, right, Clay county, finds the more he can get hens to eat, and the more comfortable he can make them, the better they lay.

More Eggs From Your SHELL LOADING PLANT

BECAUSE we can fight with eggs, as well as with bullets, "old biddy" is in this war up to her wattles. Every laying house in the state is an important "shell-loading plant," and every hen is a vital worker, with a skill all her own. But final output depends largely on equipment and raw materials which are supplied by the farmer who owns the hen.

For 2 important reasons, most Kansas farmers are doing all they can to increase the egg production on their farms. It is patriotic and, under present prices, the returns are well worth the effort. In fact, now is a good time to balance the ledger against some of those low prices of a few years ago.

There are many ways of producing more eggs, but experienced poultrymen tell us the method best suited for most farms is to get more eggs from the same number of hens. Careful feeding and management, they say, can bring a big increase without the expense of wild expansion in size of your flock and amount of equipment.

Let's view the actual supply and demand situation. Last year, Kansas produced about 128,967,000 dozen eggs. This year Uncle Sam wants us to provide 147,967,000 dozens, an increase of 15 per cent. Putting it in a form easier to understand, it means the Kansas hens must average about 120 eggs apiece this year, instead of 113, the average last year.

PRACTICAL points to think about in getting more eggs from your hens are named by E. R. Halbrook and M. A. Seaton, extension poultrymen, who are familiar with farm egg production thruout the state of Kansas. On most farms, they say, the greatest chance for increase is in more careful feeding. Be sure that about one-fifth of the ration is good protein. Animal proteins such as meat scraps, fish-meal and tankage do the most good.

About the next most important factor is having stock capable of laying eggs. Hens are like dairy cows or other livestock—those that produce best are the ones from stock that has been bred for high production. Your local hatchery probably can sell you chicks from high-producing purebred flocks, and pullets



Claude Meade, Harper county, uses an alarm clock to turn on electric lights in his laying house long before sunup. He is seen here slipping a string over the light switch. The other end of the string is attached to the alarm clock so it automatically trips the switch when the alarm goes off.

By ROY FREELAND

saved from these chicks might win wars and earn pay checks a lot more rapidly than the same number of hens in your present laying flock. This might be worth investigating.

Suitable equipment is the next important item and it doesn't call for an expensive outlay. With a little work, wire and straw, many cold, disagreeable chicken houses may be made cozy inside thru installation of a straw-loft. Inexpensive devices for heating the water in winter, and many other similar fixtures can do wonders for egg production.

Actual farm experiences by A. D. Mall, Clay county farmer, demonstrate results from giving the flock a little extra attention and care. Last year, Mr. Mall's flock of Single Comb Rhode Island Red hens averaged 173 eggs apiece and each hen returned a profit of \$2.75 above expenses.

He uses the open front, Kansas-type laying house and he feeds a balanced ration. Along with this, he remembers some little details that

often are overlooked by the average farm chicken owner. Mr. Mall is especially careful to see that his hens have drinking water before them at all times. In the summer it is kept cool. In the winter it is kept warm by a kerosene burner inside a firebox under the drinker.

Mr. Mall makes sure the hens get all they want to eat, and he does everything he can to encourage them to eat more. Warm, wet mash is provided on cold days. Variety in feeding stimulates the appetite, and fresh, clean litter encourages consumption of more scratch feed. Green feed or some substitute for green feed is fed in summer and winter.

No one likes to clean a hen house, but Mr. Mall declares frequent cleaning and frequent changing of litter are important in boosting egg production. Paying attention to such ordinary matters as these made poultry the best paying project on Mr. Mall's farm. If every hen in Kansas could do as well this year as his did last year, this state would produce more than a third above the goal asked by our government.

M. E. Rohrer, Dickinson county farmer, knows from actual experience that breeding can make a difference of 40 or 50 eggs a year from each hen. Having kept records for more than 20 years, Mr. Rohrer relates his hens formerly averaged about 140 eggs a year. In 1928 he started buying purebred males each year to cross with his hens.

PULLETS saved from these crosses brought a steady increase in the number of eggs from Mr. Rohrer's flock. By 1936 his average production had reached the level of 180 to 190 eggs a year, and it has remained near that level ever since, with the same feed and management that formerly brought an average of 140 eggs a year.

High egg production is not based on a 40-hour week for the hens. Mr. Rohrer starts his hens to work at 4 a. m. by having the lights turned on at that time. No, he doesn't always get up that early himself on snowy winter mornings. Like Claude Meade, of Harper county, and many other good poultrymen thruout the state,

[Continued on Page 11]

Passing COMMENT

By T. A. McNeal

we would need 4 billion dozen this year. Since the war started in the Pacific, Secretary Wickard has increased the 1942 egg goal to 4,200,000,000 dozen. It can be reached. It will be reached. And while flock owners are increasing production as their patriotic duty, they have the promise from Secretary Wickard that the price of eggs will be held at 85 per cent of parity or above.

No Empty Sugar Bowl

THE sugar bowl isn't in much danger of being empty. That is if folks will just go along and buy their usual amounts instead of getting all panicky and trying to hoard a whole truckload. Price Boss Leon Henderson probably will ration sugar. We may even be using rationing books, since they have been designed and apparently are in the hands of the printer.

First report out stated we might be cut to 1 pound of sugar apiece each week. Second report said it might be down to three-fourths of a pound a week. Many of us don't use that much. The reason for any curb is to see that everybody gets a fair chance at buying a reasonable supply. Also, Uncle Sam has an eye on the canning season ahead. He doesn't want farm folks to be hampered in producing and "putting up" more food this year for home consumption and perhaps for non-food producers as well.

Sugar hoarders may "get told" later on, and be ordered to return excess supplies of sweets. It frankly is a patriotic duty to start using less sugar. One lump instead of 2 in the coffee; 1 spoonful on the breakfast oatmeal instead of three. Judging from personal experience and from questioning a lot of folks, it is found that many people do not use sugar in coffee or tea, and that a great deal less can be sprinkled on the breakfast foods without creating any hardship. And maybe we will plant more legumes to keep more bees to make more honey to take the place of sugar. Also, sorghum and molasses may be used more widely, at least those that require less refining than white sugar.

We asked the Department of Agriculture whether in view of trouble in the Pacific, the West Indies could take care of all our sugar needs, and whether it would be necessary to grow more sugar-producing crops in this country. The Department reports it is doubtful at the moment whether we will receive much, if any, sugar from the Philippines in 1942. The United States is depending entirely on continental and offshore domestic areas, and on Cuba and other nearby foreign areas to supply consumers' sugar requirements this year. This government already has purchased the bulk of the 1942 Cuban sugar crop for ourselves, Canada and the United Kingdom for sugar and industrial alcohol.

"It is possible that if continental sugar-producing areas are experiencing difficulties in obtaining the required labor supply, we may have to depend, as in World War I, even more heavily on the West Indies for our sugar supplies. Nevertheless, every effort is being made to stimulate continental production, and the fact that sugar prices and government payments are substantially higher than in recent years should help in this respect."

We Hear That . . .

Rubber-Eyed: Do you catch yourself looking to see how good the tires are on most of the automobiles you pass? We do. War in the Pacific made us bug-eyed at first. The tire ban made us rubber-eyed rubbernecking to see how long folks will be running their cars. Most of them have faith it will be a long time, apparently, because few Kansas motorists will have to pay the 50 cents a month penalty for license tag purchases, according to the Motor Vehicle Department. Tag sales are considerably ahead of last year.

Manpower: It is proposed by the Federal Security Administrator, Paul V. McNutt, that we have a manpower mobilization with power to say where and how men and women should work during the war. Registering all men from 20 to 44 for selective service, who have not previously been registered, on February 16, looks like a pretty good start along that line. Registrations for civilian defense have indicated that everybody is willing to do his bit. Men 45 and over are perfectly willing to register. But let's allow the women to keep the home fires burning. Let's not upset the applecart any more than is necessary, even if somebody does feel it their "boundin' duty" to get everybody into uniform.

Frozen: "Could you give me the names and amounts of items imported from various countries which now are cut off due to war?" Sorry. As of September 1, 1941, information concerning imports was "frozen" for the purpose of precluding its reaching the enemy.

Precious Metal: All of our aluminum has been drafted for war production with only a half dozen exceptions. Still allowed are a few repair parts to replace old parts that must be traded in on the new. A 50 per cent reduction has been ordered in use of tin for cans as containers for tobacco, beer, baking powder, spices, candy, coffee, dog food, cereals, flour, chocolate and petroleum products.

Forfeited: Wheat growers who sold all of their excess wheat, and paid the marketing-quota penalties, are not eligible under the law to receive refunds because of under-seeding their 1942 allotments or because of crop failures in 1941. "Only those producers who have stored excess wheat may receive credit for under-planting," says Secretary Wickard. Main purpose of the penalty was to hold excess wheat off the market.

Labor: On Kansas farms for the growing season of 1942, labor will be 68 per cent of normal, says H. L. Collins, statistician of the Federal Agricultural Marketing Service at Topeka. Uncle Sam has a pretty ticklish problem to solve: Would it be better to keep farm workers on the farm, or let them take their turn in military service while urging green help on farmers?

Kansas' Early Days

By ED BLAIR
Spring Hill, Kansas

If one has spent his childhood days
Where meadow larks were singing,
And where the cooing turtledoves
In pairs, each day were winging,
Or where the Bob White's song rang clear
From sunrise until setting.
To dream of early days brings joy
Sans worry—cares, or fretting.

The prairies, where the bluestem grew
And streams that wended thru them,
Invited ducks and geese to stay
Where hunters often slew them.
The night hawk too at eventide,
Spurt, after spurt, flew higher,
Then closed its wings and dropped to earth,
Almost, the crazy flyer!

Oh! early days, how sweet to peer
In memory's box of treasures—
The days, of trundle bed good nights,
That crowd in endless measures.
The peeping sun—the singing birds—
The noon hour—the sun setting—
The chats at night around the fire—
Goodnights—sweet sleep—no fretting.

KANSAS FARMER

Continuing Mail & Breeze

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IN WHAT promises to be a long war, as well as a global world war, the farms and the factories of America may win the final battle for the Allied forces. It will be boys and the younger men from the farms and the factories who will sacrifice their lives in the effort; who will furnish the cripples and the hospital inmates for some decades after.

But the final decision promises to rest on whether the factories can supply the ships and planes and guns and munitions for the fighting forces; whether the farms can provide the food and clothing for the fighting forces all over the world; and for a large part of the populations of the Allied forces.

I was much impressed by a statement made a few days ago by Secretary of Agriculture Wickard:

"In 1941, we in Agriculture had the job of producing enough for 2 nations; we anticipated we might have to produce a little extra for a third. Suddenly, almost overnight, we find ourselves in a situation where we may have to supply other nations also. We're pooling all our resources with 25 other nations."

In fewer than 60 words Secretary Wickard has loosed 2 ideas of vital interest to Kansas farmers and Kansas communities dependent largely upon agriculture for their very existence.

In the first place, his statement means for the duration of the war, the American farmer, excepting the wheat and cotton farmer, can and must increase production to and beyond the limit, and that the Government will assure him markets, and a parity price for these products.

But in the second place, pooling all our resources with 2 dozen other nations promises an international trade omelet after the war is over that may never be unscrambled. In the light of other developments indicating free trade between the United States and Canada and the Latin American nations, there may be no intention of ever trying to unscramble this particular omelet.

If there is to be Western Hemisphere free trade, this must mean that the United States is to "go industrial" to a much greater extent than in the past, and there will be a corresponding decrease in the agricultural plant and output of the United States.

A new world order in which nations "will cease striving for national self-sufficiency, and

become almost entirely interdependent—that is going to call for sacrifice of the entire way of life of the Farm Belt of the United States, for one thing.

The United States having embarked upon the course it has, becoming almost overnight the bread basket, the arsenal, and the defender of a good part of the civilized world, the only thing for every one of us to do is to produce what we can for the common cause, make the sacrifices we are called upon to make, and win the war.

But it also seems to me that the Great Central West and Southwest have a great stake in the peace that is to follow, and that we should be preparing to make the best possible arrangements for our own survival in the new world order that is in the making.

Opportunities Ahead

ALL of us Americans are in a tough spot. No use denying that. But we are a versatile people and will make the best of most every situation that develops. More than that we will be alert to taking advantage of opportunities that arise. Yes, I mean opportunities, because in times of stress necessity is the mother of new ideas.

I am reminded of a story that comes out of England along this line. With a hundred thousand Nazi bombs dropping on London it was of paramount importance to have an almost unlimited water supply to fight the thousands of fires started. The Londoners took advantage of the very damage the bombs did to make that water supply as foolproof as possible. Whenever a shop or house or church or hospital or school has been bombed out the basement of the destroyed building has been turned into a water reservoir. That is a good example of making the best of a bad situation.

New opportunities already seem to be rearing their heads as a direct result of this war, so far as agriculture is concerned. Or perhaps we should say old opportunities have been dramatically emphasized. For example, it is

entirely possible that the farms of America will supply much of our rubber in future years. And shortages of vital materials already are being partially met with plastics made from farm products. Our famous wheat crop is one source of plastics materials. As a matter of fact, virtually everything that grows in the field has some possibilities along this line. One of our great automobile manufacturers has developed a synthetic fiber from soybeans. It is estimated this wool-like fiber can take the place of thousands of pounds of sheep's wool.

Probably another gain for agriculture will be better-managed farms, plus diversification on a wide scale that we had scarcely dreamed about in the past. Irrigation no doubt will play a big part in growing gardens for the duration, and will spread to larger areas and more crops after the war. While the war lasts we will be forced to make the most practical use of equipment, power and labor. Waste must be eliminated. There can be no squandering of any of our resources. Probably what we learn along these lines will stay with us in later years to the everlasting benefit of America and future generations. I believe the seriousness of the war will give us a better perspective of values and standards. And, incidentally, I don't believe government or any other agency needs to worry about our not being war conscious. There is too much loose talk on this point. We know there is a war and that we are in it. All America needs is to know the job to be done and America will do it.

I have noticed that all of us being in the same boat in this emergency, not knowing what is coming tomorrow, makes us a little more appreciative of one another, a little more neighborly. I know that is true in rural communities among my good friends. And I think it presents an opportunity that should not be overlooked, an opportunity to improve the community spirit and co-operation. The school or church or community building will become more of a social and entertainment center than ever. It can be more than ever the heart of the community, a heart that will inspire many noble things.

Arthur Capner
Washington, D. C.

★ ★ ★ From a MARKETING Viewpoint ★ ★ ★

By George Montgomery, Grain; Peairs Wilson, Livestock; R. W. Hoecker, Dairy and Poultry.

Do you think we should buy enough barley or kafir now to run us as hog feed until next harvest? Or do you think barley will remain about steady?
—J. G., Cowley Co.

The near future probably will be the best time to accumulate feed supplies which will be needed between now and the next harvest. Both barley and corn probably will tend to advance in price because feeding ratios are favorable and there is active demand for these grains. On the other hand, the advances are expected to be rather moderate because the Department of Agriculture has recently announced that it will take steps to prevent speculative advances in corn prices. For the time being, the Government can more

or less determine the prices of corn thru the sale of corn now owned by the Commodity Credit Corporation.

Altho the Government may take steps to prevent sharp and speculative advances in feed-grain prices, it seems that the best policy would be to buy in the near future the feed which will be needed before another harvest period.

Do you think it will pay to hold wheat that is in storage for a while? I have a government loan on 2,000 bushels.—J. E. W., Ness Co.

Wheat prices have strengthened materially during the past month, and it is not probable that there will be any large declines from present prices. The market may weaken some during the latter part of March and April when loan wheat is being liquidated. Of course, by late spring or early summer

wheat prices may be on a lower level in anticipation of a large new crop of wheat and a large carryover of old wheat. However, it does not seem likely that there will be a sharp decline during the next 6 weeks.

I wish to buy about 30 head of good red and roan steer calves weighing between 400 and 500 pounds. When do you suggest as the best time to purchase?—J. W., Pottawatomie Co.

The best time to buy replacement cattle before next summer probably will be in the very near future. A strong demand for cattle to go on grass is expected this spring and prices of all kinds of stockers and feeders are expected to advance as the beginning of the grazing season approaches. Also, good prices for slaughter cattle will encourage Corn Belt

feeders to bid for replacement cattle. Purchases probably should be made by the middle of February.

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.....	\$13.75	\$14.35	\$12.00
Hogs.....	11.90	11.45	7.90
Lambs.....	12.25	12.65	10.25
Hens, 4 to 5 Lbs....	.19	.20	.15
Eggs, Firsts.....	.33½	.33	.27
Butterfat, No. 1....	.81	.82	.80½
Wheat, No. 2, Hard	1.28½	1.25½	.61½
Corn, No. 2, Yellow	.82	.79½	.36½
Oats, No. 2, White	.60	.57½	.50
Barley, No. 2.....	.65½	.61	15.00
Alfalfa, No. 1.....	19.00		9.00
Prairie, No. 1.....	18.50		

CHOOSE CHERRIES

As One of Six Food-for-Defense Fruits

By JAMES SENTER BRAZELTON

WITH food lockers dotting the country everywhere it is possible to have pies in midwinter made from cherries that are just as fresh as when they were picked in June. But whether you can cherries the old way or put them in lockers the modern way, the important thing is to have a plentiful supply from your own trees. Before planting the home orchard it is well to give some thought to varieties, for there are sweet cherries, sour cherries, and sour cherries. There are 3 standard varieties of cherries that can be counted on to seldom miss a crop. The most popular of these is Montmorency. The tree is strong, disease-resistant, hardy and generally starts to bear its large, red fruit about the second year. Early Richmond is an old variety, yielding marvelously heavy crops. The fruit is dark and bright red in color. The tree is the most hardy of all cherries. English Morello is the name of a mid-son cherry that is almost blackish when fully ripe. There are other cherries on the market but these are the most dependable and should be the backbone of every new cherry planting. Sour cherries are easily used as they are adaptable to almost any kind of soil and should be planted in large enough quantities to insure plenty of fruit for canning or locker.

Fruit Grows in Clusters

Hansen Bush cherry is the name of a new, quick-bearing cherry that is easy to grow. The tree is dwarfish, rarely getting more than 6 feet tall. The fruit is dark red and grows in clusters. It makes excellent hedges when used singly makes a fine ornamental shrub. Cherry trees are as desirable for their beautiful bloom in springtime as they are for their delicious fruit. As for their landscape value when planted about the home grounds, sweet cherry trees are as satisfactory as any tree you could want. In ordering sweet cherries for home grounds one should keep in mind that if it is fruit that is wanted, or more varieties must be planted. Most sweet cherries are self-sterile. There are several of the dark red varieties which provide seasonal succession. Plant Seneca to have real early fruit. Black Tartarian ripens in June. Bing, Schmidt and Windsor are varieties that mature in July. There are several kinds of yellow or white-fleshed sweet cherries that have merit. These, Napoleon, which is also sold as Royal Ann, is the most common. Aside from its fruit, Governor Wood is a desirable tree for landscaping purposes, as it forms a round head. Of the sweet cherries, gold seems to stand out above all the rest, for, un-

like the dark red varieties, it can be depended upon for hardiness. It had its origin in Richardson county, Neb., where winter temperatures commonly drop to 25 and 30 below zero. The fruit is large and of a lustrous golden yellow color without a touch of red. It has a delicious flavor all its own. The tree is strong and thrifty looking. It bears heavily and regularly. The fruit clings tenaciously to the tree long after it is ripe. The birds do not bother them as they do the red sorts. They probably figure that from the color of the fruit it is not ripe. Gold is an outstanding sweet cherry to include.

Sweet September is the name of an entirely new kind of sweet cherry on the nursery lists now. Its fruit ripens in early September and will hang until the snow flies. It comes into bloom about the same time as other cherries. The tree is hardier than the average sweet cherry. It is a strong grower, developing a well-shaped top, desirable as an ornamental tree for the lawn. Sweet September is the first fall-bearing cherry on record in horticultural circles. The fruit is a striking red color, of good size and the quality is

delicious for eating raw and is also a good canner. The tree comes into bearing early, often producing fruit the second or third year.

Luther Burbank created 2 sweet cherries that are worth a trial in any-

one's home planting. One of these he called, black giant, an especially hardy tree bearing fruit of gigantic size. Honey heart is the name of the other, so called because of its heart-shaped red and gold-skinned fruit.

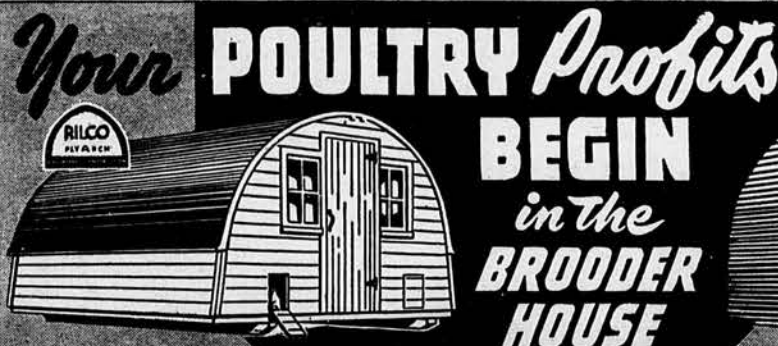
Flax for Defense

The Department of Agriculture has announced expanded goals for flaxseed production in 1942 to meet War demands. Flax is a vitally needed defense commodity, and in order to encourage an increased acreage, Secretary Wickard has announced a loan price of at least \$2.10 per bushel farm basis with location and grade differentials.

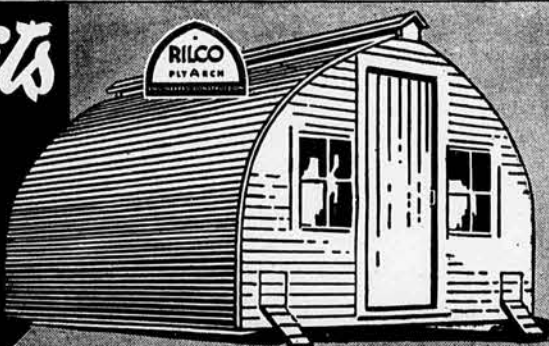
Flax is no more difficult to raise than wheat or oats, and statistics of the State Board of Agriculture, as well as the experience of many successful farmers in Eastern Kansas, show that over a period of years returns per acre from flax are much better.

In order that seed requirements may be known and supplied, we urge those who will need seed to engage it now. For further information, see your local grain or seed dealer, or write

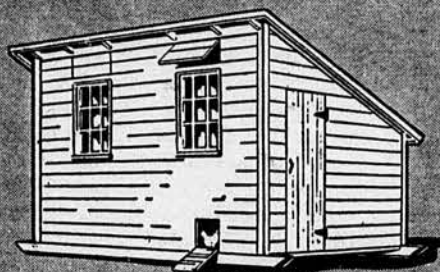
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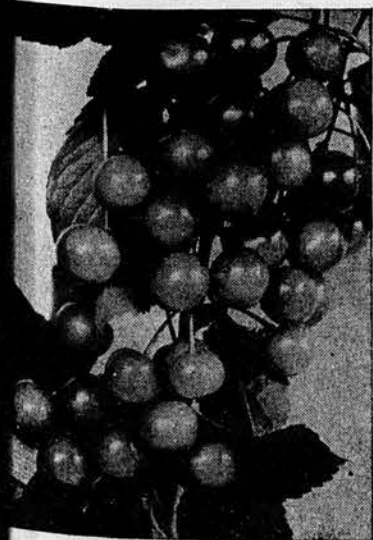
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Five More Receive MASTER FARMER AWARDS

THE 1941 class of Kansas Master Farmers, selected thru Kansas Farmer and honored during Farm and Home Week at Kansas State College, include: J. E. Morehouse, Cheyenne county; Sydney E. Walton, Lane county; O. F. McGonigle, Reno county; W. A. Hegle, Marion county; and Edward W. Kaiser, Miami county.

These 5 men are not labeled as the 5 best farmers in Kansas. But they are outstanding farmers, representative of the many good farmers who are a credit to their profession and to all Kansas agriculture. Each of the 5 has made a remarkable success of practical farming suited to his area.

Every one is a landowner who obtained all or nearly all of his property by good farming and hard work. All 5 of the 1941 Kansas Master Farmers are leaders in their respective communities and counties. On each of the 5 places there is a comfortable, modern home, with running water, electricity and other important conveniences. The 5 farmers honored this year own farms dotted over the entire length of the state.

IN THE extreme northwest corner is J. E. Morehouse, who controls 1,760 acres in Cheyenne county, near the Nebraska line. Mr. Morehouse obtained his start by homesteading, many years ago, but sound farming practices and good livestock have helped him to gradually add more land and increase his operations.

He has a herd of 75 Shorthorn cattle to graze 630 acres of native pasture. Each year about 160 Duroc hogs help find a profitable market for grain crops produced on the cultivated land. White Leghorn chickens help defray living expenses. Mr. Morehouse raises about 250 acres of wheat as his most important cash grain crop. Corn and sorghums are important feed crops.

YOUNGEST member of the new class is Sydney E. Walton, who owns 960 acres and controls 1,440 acres of level, West-Central Kansas land near Shields. His plan emphasizes summer-fallow and other water-con-

serving practices. The cropping system usually includes about 730 acres of wheat, along with 160 acres of grain and sweet sorghums raised principally as feed for 250 to 450 Herefords.

Mr. Walton summer-fallows one-third to one-half of his land each year. He plans for every field to be fallowed at least once in every 3 years. Mr. and Mrs. Walton have one of the most beautiful farm homes in the state, and other improvements about the farmstead are in keeping with their attractive dwelling.

DOWN in South-Central Kansas, O. F. McGonigle owns 937 acres and controls 1,000 acres in Reno and Rice counties. With 430 acres in cultivation, he raises about 240 acres of wheat, 90 acres of alfalfa, 50 acres of barley and 25 acres of sorghums. The remainder is summer-fallowed after alfalfa, to build up soil moisture.

A regular winner in the Kansas Farmer pasture contest, Mr. McGonigle obtains remarkable gains and worth-while profit from good management of native pastures in the Sandhills country. The alfalfa, barley and sorghum crops all contribute to his extensive cattle-feeding operations.

RECOGNITION for good management of a genuine family-sized farm goes to W. A. Hegle and his typical Kansas farm family living near Lost Springs. Mr. Hegle owns 120 acres and rents enough more to give a farming unit of 260 acres. Since buying his present place in 1925, every field on the farm has raised alfalfa or sweet clover, and every building has been replaced with a new one.

Most of the crops are marketed thru Polled Milking Shorthorn cattle, Chester White hogs and a flock of purebred New Hampshire Red chickens. The father of 2 sons and 2 daughters ranging from 11 to 21, Mr. Hegle takes an interest in sports and community activities, along with active participation in farm organizations, and church and school responsibilities.

MASTER FARMER honors were brought to extreme Eastern Kansas by Edward W. Kaiser. He owns and farms 335 acres of fertile land in Miami county, and his methods have attracted state-wide notice for several years. He believes in legumes for soil improvement, and he farms in accordance with this belief. With only 220 acres in cultivation, Mr. Kaiser raises 120 to 150 acres of legumes, including alfalfa, red clover, sweet clover and lespedeza.

All rolling land on the Kaiser farm is terraced, and a carefully planned crop rotation helps conserve soil and boost crop yields. Mr. Kaiser has been a pioneer in use of lime and phosphate on needy soils. A fine herd of Guernsey dairy cattle provide a large share of the Kaiser income, while additional livestock include a herd of Herefords, production of Duroc hogs and hybrid chickens.

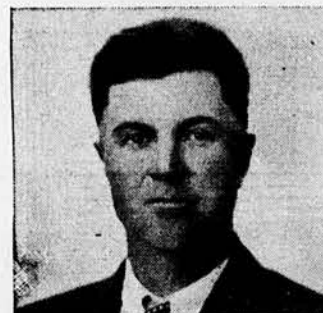
Master Farmer nominees are visited by a representative of Kansas Farmer, and final selections are made by an experienced committee of judges. This year the judges were: J. C. Mohler, secretary of the State Board of Agriculture; L. E. Call, dean of agriculture at Kansas State College; and Emil C. Kielhorn, prominent Cowley county farmer who is president of the Kansas State Livestock Association.



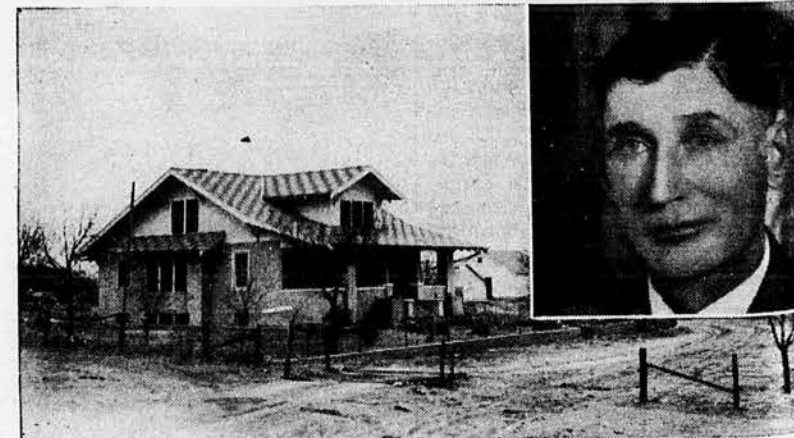
Good farming and livestock raising in Reno county brought 1941 Kansas Master Farmer honors to O. F. McGonigle, of Nickerson, shown above with his home.



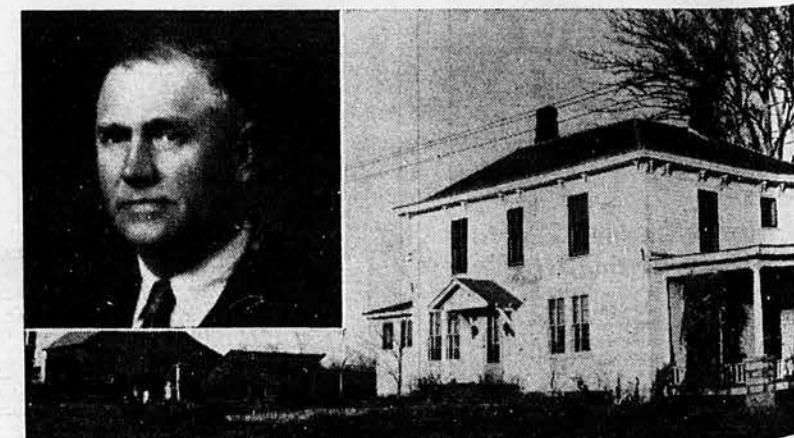
Sydney E. Walton, of Shields, brought Master Farmer honors to West-Central Kansas. Shields is a master in "dry land" farming and livestock management.



Practical and profitable management of a general, family-size farm brought honor recognition to W. A. Hegle, of Lost Springs.

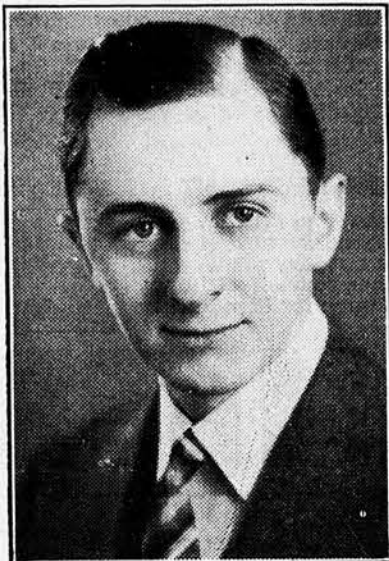


J. E. Morehouse controls 1,760 acres in Cheyenne county. His first tract of land was obtained by homesteading, the rest thru hard work and good farming.



Only farmer in extreme Eastern Kansas to receive Master Farmer honors this year is Edward W. Kaiser, of Paola. He specializes in dairying and has an outstanding soil program.

Editor Goes to the Army



Cecil Barger, associate editor of Kansas Farmer for the last 3 years, has enlisted in the quartermaster corps of the U. S. Army. He has reported at Fort Leavenworth, Kan., but is expected to be transferred from there soon. He will be on leave of absence from Kansas Farmer for the duration.

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Dries Wet Grain

A simple, homemade ventilator proved successful in drying out wet wheat in storage for Iman C. Wiatt, Kearny county farmer. For his large bin, which holds 10,000 bushels, Mr. Wiatt laid a perforated casing, 6 inches in diameter, and 30 feet long, along the floor. This led to a 6-inch blower at the end of the bin, which forced air thru the casing and out into the wheat. Two loads of extremely wet wheat were piled right over this casing and it dried the wheat to perfect condition within a short time. Mr. Wiatt says any type perforated pipe or casing, connected to a suitable blower, operated by a tractor or electric motor will help in solving the problem of storing grains in wet seasons.

Emergency Treatment

Blood transfusions are now being used to save the lives of dogs and farm animals. According to Dr. J. W. Lumb, extension veterinarian, Kansas State College, this practice, first developed in medical practice, is now being used extensively by veterinarians in doctoring dogs and farm animals. Some diseases in dogs respond quickly to transfusions of blood from healthy dogs, and some dogs have given blood for as many as 20 transfusions without ill effects. Transfusions are also being used for certain types of cattle diseases, including calf scour and sweet clover poisoning. The practice has even proved successful in treatment of navel ill in colts.

Trap the Worms

At one stage during the life of the tapeworm and some of the roundworms, their life is in insects. The life of these parasites is just about as follows: The worms lay their eggs in the intestines of the chicken, and the eggs pass out to the soil. The worm eggs are very tiny and are easily taken into the stomach of flies and other insects. The worm eggs hatch while in the insect's stomach, they feed and grow and become imbedded in the muscles of the insect. When the chickens eat the insects, they swallow the young worms. When the young worms reach the stomach and intestines of the chickens they attach their heads to the wall and begin to feed.

The parasites feed on the chicken and cause it to become very thin and weak. The food the chicken eats goes to feed the worms and not the chicken.

And that is why poultry growers need to build big fly traps, bait them daily and catch all the flies that come to the backyard. Clean out the fly trap as often as needed to keep it sanitary.

Shell Loading Plant

(Continued from Page 6)

he lets an alarm clock do the job. All you need is a string with a loop on the end. Slip this loop over the light switch and tie the other end of the string to the little handle that winds the alarm. When the alarm goes off, it will wind up the string and trip the light switch.

Some practical tips on housing and management for higher production are offered by the Kansas Poultry Industry Council, an organization of all leading poultry associations in the state. See how well your poultry house meets these standards they recommend: Allow 3 to 4 square feet of floor space for each bird. Provide a straw-loft for a low ceiling, using about 12 inches of loose straw over a 1-inch wire netting.

For adequate ventilation have 1 square foot of open front for each 10 square feet of floor space. Provide 7 to 9 inches of perch space for each bird. Supply 1 nest for each 6 to 8 hens. Allow 1 foot of mash hopper space for each 7 birds. Provide watering space that is easily accessible to the hens. If there is a draft in the house make a partition every 20 feet.

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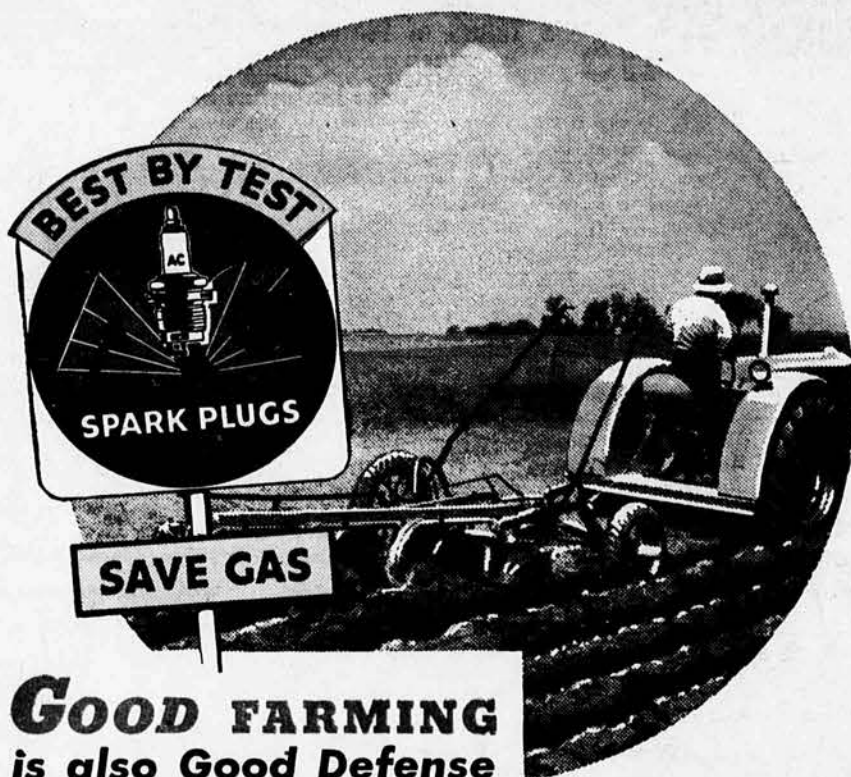
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FAIRBANKS-MORSE WATER SYSTEMS

Three Successful Churches

By JAMES SENTER BRAZELTON

GIVING fresh moral power and influence to their communities, stand 3 country churches in Doniphan county, typical of many other little brown churches in the vale, that dot every corner of rural America. Because of their very closeness to God, farm folks have always been church-minded. More especially is this true today in this war-torn world.

To millions of farm families the church has been an all-encompassing factor in their lives. It has recorded their beginnings with baptism. It has solemnized their love for others with the marriage ceremony. And, finally, at the journey's end, it offers its comfort and hope. These 3 country churches in Northeast Kansas, altho differing widely in creed, are typical because all have social service as an outstanding ideal or mission.

Bellevue Evangelical Church is a church which ministers entirely to people who till the soil. Its pastor, the Reverend Vernon J. Boehringer, has an especially fitting background for a rural preacher. Before going into the ministry he was a successful salesman and trouble-shooter for one of the largest implement manufacturers in the United States. By his contact with farmers in this capacity he has acquired knowledge of rural problems, invaluable in his present work. The community served by Bellevue Evangelical Church is in no danger of stagnation.

Members Get the Credit

Reverend Boehringer gives all the credit for the outstanding accomplishments of his church to the members. He points out that their unflinching loyalty is the quality most responsible for the church's success. Rain and mud never interfere with church attendance, he says. Seldom does his congregation ever drop below 100 persons. Such regularity would be the envy of many town and village churches. The average Sunday School attendance jumped from 88 in 1929 to 171 in 1939. There are so many different organizations there is something going on at the church almost every night.

The women of the church have their Missionary and Ladies Aid Societies. Money is raised by the Ladies Aid in a variety of ways, chief of which is their annual bazaar. They sell lunches at farm sales, and just now they are hard at work on a farm cook book which is to be put on sale. Boys and girls in these farm families take a keen interest in their Christian Endeavor Society, which meets every Sunday night, and in the Young People's Missionary Circle. This organization meets once a month, and following the educational and business part of the program the rest of the evening is spent in recreation in the church basement. Here they play games, have indoor tennis tournaments, pot-luck suppers and taffy pulls.

Every Sunday morning some member of the congregation is responsible for providing special music. Men folks in this country church are equally as zealous for work as are the women and young people. There is a popular male quartet in constant demand. The men have an organization called the All-bright Brotherhood, named in honor of the founder of the Evangelical Church. This organization is responsible for the cement walks and shrubbery plantings around church and parsonage. The money they raise is used only for charity and for improvement in and about the church. The annual sale of a pig fattened by each member is one of their ways



Rev. V. J. Boehringer, pastor, Bellevue Evangelical Church.

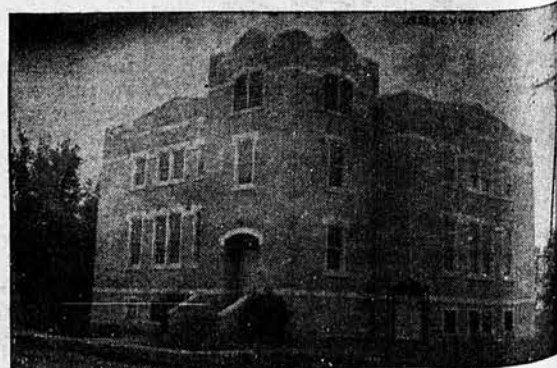
of raising money. Once a year the mothers and daughters are given a banquet cooked and served without feminine assistance.

Besides being a good parson, Reverend Boehringer is a skilled printer. Every Sunday his congregation is supplied with a bulletin printed on his printing press, the type being set by his hands. Once a month a 4-page printed leaflet called, "Sparklets" is issued. He prints attendance record cards for the Sunday School. He is also a carpenter of no mean ability, having installed in the parsonage kitchen a fine set of wall cabinets. He built the folding tables used in the church basement and remodeled the cabinets in the church kitchen. A new life-size painting of Christ which hangs at the back of the pulpit is illuminated by a floodlight, the wiring being done by the pastor.

St. Benedicts Serves Well

Another church looms conspicuously on the distant horizon as one drives thru that rich farming country in the Bendena neighborhood. All roads in that region lead to St. Benedicts, with its stately spire, pointing heavenward, proclaiming that here in the open country stands a church ready to minister to the wants and needs of a rural people. In his 11 years of service to this community, Father Patrick O'Shea has so endeared himself in the hearts, not only of his own parishioners, but of every one for miles around, that he is lovingly called by all, just Father Pat. A native of Ireland, he came to this country when a mere lad. His experiences have been wide and varied, fitting him particularly for the task he now does so well. He was educated for the priesthood at St. Benedicts College in Atchison. In the first World War he served 10 months overseas as an army chaplain.

St. Benedicts is one of the oldest church organizations in the state, having been established in 1865, and the first recorded baptism was in 1867. As early as 1855, Benedictine priests landed at what was then the thriving



Bellevue Evangelical Church is on duty every day and night.

Farm Woodlots

Many farms in eastern Kansas have small, irregular tracts of land that could be planted profitably to trees for the production of fuel, fence posts or lumber. Tracts of land having thin or rocky soils are likely to yield a greater return if planted to trees than from any other type of crop. Farm Woodlot Management in Kansas is a Kansas Agricultural Experiment Station circular and offers instructions in establishing a new woodlot and the management of existing woodlots for maximum production. There is a table showing a partial list of forest trees adapted to Kansas. Farmers having shelterbelt plantings will find this circular an aid in the proper management of their farm shelterbelt. A free copy of the circular will be sent to anyone upon request to Farm Service Editor, Kansas Farmer, Topeka.

city of Doniphan, and this date marks the beginning of missionary work in this frontier country. Pioneer priests covered the distance from Atchison to St. Benedict community on foot in order to hold services there on Sunday. Later, priests made the weekly trip astride a pony. Two other church buildings have occupied the site on which

the present structure stands. The fine brick building in use today was completed in 1903 to replace church number two which was destroyed by cyclone on May 25, 1903.

Church work at St. Benedicts is practical. It is aimed to result in a better quality of manhood and womanhood. Father Pat teaches his people that personal growth and enlargement is a religious duty. He emphasizes the dignity of the human soul, with its great tasks to perform. He points out that his parishioners must be good farmers, for one cannot build a prosperous church in a place where agriculture is declining, he contends. Perpetually, the venerable Father holds before the 30 families in his parish the vision of better ways, better conditions, better means of progress, closer brotherhood; the vision of the Kingdom of God within the soul.

Six miles southwest of Wathena and 8 miles southeast of Troy stands Christ Evangelical Lutheran Church. As its pastor, the Reverend H. C. Lubeck is the servant of a rural people in a typical agricultural community. To his almost 300 communicant members he acts as friendly adviser; he officiates at their christenings, marriages and deaths; he consoles them in their hour of grief, and in times of stress acts as physician to their souls. He lives in a parsonage beside the church, always ready to minister personally whenever his people need help. His preaching gives to farm men and women a new birth of aspiration and hope. Before coming to this country charge, Reverend Lubeck served var-

ious mission stations in the province of Alberta, Canada. He is a graduate of Concordia College, St. Paul, Minn., and received his ministerial training at Concordia Theological Seminary, in St. Louis, Mo.

Christ Lutheran Church had its beginning in 1884 when a number of Lutheran farmers and their families felt the need for a place to worship. The first church building was struck by lightning on June 3, 1925 and, together with a school that had been built in 1909, was totally destroyed. The present commodious building was dedicated in 1926. A true spirit of religion pervades this country church as, each Sunday morning, the congregation of farm families listen to the words of their beloved pastor. Music from the deep-voiced organ with Beulah Shields as organist, plays no small part in the impressiveness of the service. Bad roads and inclement weather for more than 3 months out of the year are not enough to keep these rugged farm folks from their place of worship on Sunday.

That these 3 country churches are supplying plenty of opportunities for wholesome and agreeable social life cannot be questioned. What is more, each one stands for a practical kind of Christian brotherhood which is manifest in mutual helpfulness and co-operation. Each has made itself an important factor in building up a community. Teachings from these 3 separate pulpits place emphasis upon the plain economic virtues of industry, sobriety and thrift. They preach social service in a broad and constructive sense, holding that the best social service the average farmer can perform is to do his regular work well. They are helping the children of these communities to get the kind of training which will make them better men and women and incidentally, better farmers.

Awards to Three Agents

THREE county agents from Kansas were among 80 who received certificates for meritorious service in agriculture, awarded recently at the 26th annual meeting of National Association of County Agricultural Agents in Chicago.

The Kansas agents who were honored by certificates were Paul B. Gwin, Junction City; F. A. Hagans, Marion; and Lester Shepard, Erie.

Mr. Hagans has been county agricultural agent for Marion county since 1930. He taught vocational agriculture at Augusta for 5 years before that. He was graduated from Kansas State College, and lived most of his life on a farm in Dickinson county.

On October 1, 1925, Paul B. Gwin started work as county agent of Geary county and has been there continuously since that date. From 1921 to 1925 he was county agent in Morris county. He was born and reared on a farm in Washington county. For 5 years after graduating from Kansas State College he managed the home farm.

Mr. Shepard moved from Lyon county to Neosho county in 1928 and has been there ever since. He was born in Ohio and lived in Iowa, graduating from Iowa State College. Beginning as a county agent in Iowa, he came to



Paul B. Gwin, Junction City

Kansas and to Neosho county in 1917.

At Erie, Mr. Shepard has been active in dairy work. He helped organize the Neosho Valley Co-operative Creamery at Erie in 1939 and 1940. At present he is working on a crops and soils program, co-operating with the Tennessee Valley Authority in trying out 60 per cent and 65 per cent superphosphate fertilizer.



Lester Shepard, Erie



F. A. Hagans, Marion

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Bake at home with Maca Yeast soon. It will help you save money and lead you to thrilling new baking triumphs. Get Maca Yeast at your grocers.

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Farm Women of the Year, Our

Master Homemakers

KANSAS FARMER is justly proud in presenting 5 farm women for its Master Farm Homemaker award this year, instead of the customary 2, the number it has selected for this distinctive honor each year since 1939 when it first made recognitions paying homage to rural homemaking.

Lest there be some misinterpretation, we hasten to say—and emphatically—that the rising multiple of recognitions in no way lowers the high standards we have set for our Master Homemaker honor which is rightfully looked upon by rural people the state over as the most coveted distinction that can come to a farm woman. No more convincing evidence is needed than an introduction of the 5 women who will wear the "1942 homemaking crowns."

Selected for this honor are: Mrs. S. Ray Gardner, Hartford, Lyon county; Mrs. Howard M. Dukelow, Hutchinson, Reno county; Mrs. Curt Benninghoven, Strong City, Chase county; Mrs. Clifford E. Burton, Coffeyville, Montgomery county; and Mrs. Malferd N. Hendrikson, Atchison, Atchison county. Considered key women in their home communities as well as their counties, with this new homemaking honor bestowed upon them, they step into the spotlight of statewide prominence.

In naming these women our 1942 Master Farm Homemakers—and we're very proud of their records and reputations—we are not placing them upon a pedestal and pointing to them as the best homemakers in the state. We do say that each and every one of them has met the standard of achievement set for our Master Farm Homemaker award—and found not wanting. Every woman so honored—this year or any time—is but typical of that far greater number of equally fine rural women to be found in farm homes the state over, so the recognition pays honor not only to her as an individual, but to every farm homemaker in Kansas.

IN FACT, we can do no less than take time and space right here to salute the more than a hundred candidates from whom these selections were made. Never have we had a larger, finer class of rural homemakers to consider for the honor. Our peregrinating woman's editor circled the state last fall, covering upwards of 8,000 miles on the rural routes of Kansas, visiting and interviewing the cream of the farm homemaker crop, and not yet has she recovered from the heart-breaking fact that even with the number of recognitions raised, a dozen times that many women were deserving of the honor. Almost as upset was the committee of impartial judges who put in a breakfast-to-bedtime session, weighing one woman's record against another's, eliminating again and still again.

Altho the selection of Master Farm Homemakers is based strictly on the woman's indi-

vidual merits, because of the very nature of homemaking with its adjustments of family relationships, it is next to impossible to conceive of a master homemaker without due consideration of her husband, her children, and a well-rounded family life. Equally important is her own awareness of the even greater responsibilities as a good neighbor, a citizen, and as a community homemaker, the vital part she plays in the great scheme of the universe.

Were it possible we'd like to take each and every one of you along to meet and visit with our Master Farm Homemakers in their own homes, so that you, too, might enjoy as we did their hospitality, find new inspiration in their personalities. Since that cannot be and words are inadequate to cover such qualities, let's do the next best thing and take a look at their records. Each of the 5 is so equally fine, each in her own way, it would be difficult to rate them in any comparative order, so we'll take them alphabetically by the counties in which they live.

Three miles north of Atchison—nestled among the pretty hills of that extreme Eastern Kansas county bearing the same name—is the attractive colonial home of Mr. and Mrs. Malferd N. Hendrikson. Of stucco and frame construction, and modern in every detail, its 6 rooms, bath and men's washroom are artistically and attractively furnished in that homey sort of fashion that is so livable. Landscaping plans barely begun, under supervision of the specialists of the College at Kansas State, give promise of making the Hendrikson home site one of the beauty spots in that part of the state. Their 175 acres producing mainly corn and alfalfa is also the homing ground of a fine dairy herd.

Born and reared on an Atchison county farm, graduated from the Atchison high school, away to the Teachers College at Emporia, back again to the old home community to marry and settle on another Atchison county farm, it is little wonder Nellie Armstrong Hendrikson is known to half the people in the county as "Nellie." One of those quiet, unassuming little women, she has an uncanny faculty for getting things done in an unobtrusive way. The Hendrikson home has long been a center for community gatherings—4-H Club meetings, neighborhood parties, co-operative study clubs. Just at present Mrs. Hendrikson's interest is focused on the farmers' co-operative movement. She is a member of its board of directors and has contributed no small part in the organization of co-op groups in neighboring as well as her home county.

AN ARDENT Farm Bureau worker, she was a charter member of the Independence Farm Bureau Unit of Atchison county, and has been a member for 22 years. At present she is home and community chairman of the First District. For 6 years she and Mr. Hendrikson were leaders of the 4-H Club. She is a member of the Atchison Public Health Board, also serves on the County Welfare Committee, is a member of P. T. A., finds time to do Red Cross work. She is devotional leader for her church circle, belongs to the Missionary circle of the Atchison Presbyterian church. The Hendrikson's only daughter, Dorothy Louise, was last June graduated from the University of Kansas Fine Arts department with a degree in public school music, and this winter is combining her "two loves," music and rural life, by teaching grade- and high-school music



in an Atchison county community school.

Almost as well-known in state circles as she is in Chase county is Mrs. Curt Benninghoven. The Benninghovens live on a 2,500-acre general farm located 3½ miles northwest of Strong City. Altho this is in the heart of the cattle country, Mr. and Mrs. Benninghoven were named the "Kansas Turkey Champions in 1941."

Born on a Chase county farm, Edith Wilsen Benninghoven, attended the home schools and the Teachers College at Emporia, began teaching at 17. For 15 years now she has lived on the same Kansas ranch, which Mr. Benninghoven manages for a large land-holding company, and knows well the problems of the tenant farmer whom she feels has many advantages over the landowner. Naturally, hers have been the problems of the farm homemaker who must make a home of the kind of tenant house she finds. The last 11 years she has spent making improvements, gradually, on the small tenant house on the place, adding to its comfort and convenience. Through these years "the little house" has been a refuge not only for the family but "the strangers within their gates," for the Benninghovens' home, like the traditional Ford car, "always has room for one more," and the size of the family group varies from month to month, and year to year, their roof sheltering as many as 8 or 9—friends, relatives, strangers needing a home. At present the family numbers 5, with 3 foster children—Jack, 14, Patsy, 8, Jim, 6.

Mrs. Benninghoven is unusually aware of problems that need attention and ways in which she or some other "right" person may help. She was one of the 5 homemakers who worked to organize the Home Economic Extension program in Chase county. She also helped organize the Chase County Farm Bureau Women's Units Library. She has been advisory chairman and home and community chairman of the Farm Bureau, as well as president of the rural library association. A steward of the Strong City Methodist church, she teaches the women's Sunday school class. She is secretary of the Eastern Kansas Poultry Marketing Co-op.

Has National Recognition

Within the last month Mrs. Benninghoven was one of 25 rural women in the nation, and the only Kansas farm woman, invited to participate in a national forum outlining a plan for the co-operation of farm people with other phases of the Defense Movement. Latest honor was her appointment by Governor Ratner as a member of the State Planning Board.

The Lyon county homemaker to take the spotlight is Mrs. S. Ray Gardner who with her husband and their 3 fine children—Annie, 16, Frances, 13, and Daniel, 11—live in a delightfully-hospitable farm home 10 miles southwest of Hartford. Theirs is a 720-acre livestock farm, of which they own 320.

Altho a small-town girl, for she was born and grew up in Hartford, June Milner Gardner had never lived on a farm until she went as a bride to the home where she still lives, 19 years ago. Mrs. Gardner is a graduate of Kansas State College, with a degree in home economics, and is a charter member of Omicron Nu, honorary "home ec" sorority. She left a career as a cafeteria director—she was also at the time a director of the State Restaurant Association—to become a farm homemaker and mother, and has made a signal success of the job. Efficient to the nth degree, she keeps the machinery of the Gardner household so well-oiled, everything clicks off with the regularity of a time clock. The Gardner's 9-room house, their inviting lawn, is the gathering place for family and friends, old and young. A life-long member of the Hartford Methodist church, Mrs. Gardner has for 15 years been Sunday school superintendent, a teacher, sung in the church choir, and for 10 years a school board director. Always an active Farm Bureau woman, she has served as county home

and community chairman, advisory board chairman, 4-H Club leader. She is president of the Lyon County Rural School Music Association.

To Mrs. Clifford E. Burton, Montgomery county, goes the Master Farm Homemaker title for the grand job she has done in adjusting herself to an entirely new environment.

Farm Life Began—in Forties

Born at Wellington, Theresa Murrell Burton, attended grade school in Ottawa, Kan., high school in Kansas City, Mo., went East to Wellesley College, traveled abroad. Returning to the States, she married a Stanford University man and with him established a home in Kansas City, living the life of the typical, well-to-do big-town woman. It was not until 11 years ago, then a woman in the middle forties, that Mrs. Burton began life as a farm homemaker on the 520-acre farm northeast of Coffeyville. It is a general and livestock farm, with no little emphasis placed on the breeding of fine saddle horses. While the farm has been in Mr. Burton's family for many years, farm life was "all foreign" to this woman who in middle life found herself virtually starting anew. She dug in, and now smilingly admits, "It pleases me no end to have women who have lived all their lives on farms ask me how to do the things I have had to dig out of farm bulletins."

When Mrs. Burton came to the farm she proceeded to organize a Farm Bureau club in the community, was for 3 years its president, later the home and community chairman, and for several years an active 4-H Club leader. She has made for herself an enviable place in the county, being a Sunday school teacher in the Episcopal church, a regent of the D. A. R., president of the Wellesley and Research clubs, treasurer of the county Red Cross, an active member of the Coffeyville chapter of the A. A. U. W. Just now she is working with the Civilian Defense Sign-up of rural people in her township, and has also volunteered her services to the countywide Nutrition for Defense Committee.

Mr. and Mrs. Burton have two children. Their son, Clifford C., 23, a graduate of California Institute of Technology, is now a chemical engineer with the Texas Oil Company. Their 19-year-old daughter, Betty, attended Wellesley one year, and is now at K. U.

Mrs. Howard M. Dukelow, Hutchinson, selected to help bear the Master Farm Homemaker banner, rates the honor on the fine piece of farm homemaking she has done these nearly 30 years. Sylvia Harrison Dukelow, was born at Peabody, Kan., went thru high school there, then to Hutchinson to business college. With the exception of a summer's vacation she had never been on a farm until she married and went to live on the Reno county farm where Mr. Dukelow was born and reared. There they still live. Theirs is a 517-acre general farm, with a rambling 12-room house. House and barns well painted, fences in good repair, the lawn neat as a pin, the place has that spic-and-span look that bespeaks good farming and housekeeping.

Mrs. Dukelow long ago learned to put first things first—those "firsts" to her—home, family, church. Staunch Presbyterians, the Dukelows attend the First Church in Hutchinson, where Mrs. Dukelow has served as superintendent, a teacher, and at present holds the secretary-stewardship of the women's missionary society. She belongs to P. T. A. and the Farm Bureau.

They have 5 children. David, 26, is a graduate of Kansas State College, has a master's degree from K. U., has been for the last year a naval aviator in the U. S. N. R., at Hawaii, was returned to our west coast just before Pearl Harbor. Elizabeth, 24, is also a Kansas State graduate, taught math 2 years before her marriage, now lives in Wichita and has a brand-new baby daughter. Neil, the 21-year-old son, is studying for the ministry at Park College, Parkville, Mo. Willis, 13, and Catherine, 9, are the "still-at-homers."

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SECOND, ACTS IN CROP. Ordinary drinking water disinfectants may purify drinking water. But many germs are picked up from litter and droppings. Germozone acts in crop, too.

THIRD, ACTS IN INTESTINES. Germozone is an astringent in the intestines, of course. But it also acts against harmful bacteria there. Of value in many simple crop, digestive and bowel disorders. 4 oz., 40c; 12 oz., 75c; economy 32 oz., \$1.50. At your Lee Dealer or postpaid from, GEO. H. LEE COMPANY, Omaha, Nebr.

Amazing Cough Relief, Mixed In Your Kitchen

Saves Big Dollars. No Cooking.

Yes ma'am, right in your own kitchen, you can easily mix a cough medicine that is a wonder for quick results, and gives you about four times as much for your money. And it's no trouble—a child could do it. You'll need a syrup. Make it by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed.

Now get 2½ ounces of Pinex from any druggist, and pour it into a pint bottle. Then add your syrup. There you have a full pint of really remarkable medicine for coughs due to colds. It lasts a family a long time, and tastes fine—children love it.

And does it do the work! You'll say it beats anything you ever tried. It loosens the phlegm, soothes the irritated membranes, and helps clear the air passages. Eases the soreness, and lets you rest at night.

Pinex is a special compound of proven ingredients, in concentrated form, well known for prompt action on throat and bronchial membranes. Money refunded if it doesn't please you in every way.

TAKE CARE OF HEART

And It Will Take Care of You

THE group of American physicians who meet under the name of The American Heart Association are not organized for financial profit. They represent physicians enthusiastic in the prevention of disease and convinced that with a little foresight the people of this land may make a tremendous cut in the ravages that come under the head of heart disease. Their work is to plan and to advise. Right now they are making arrangements for their scientific meeting which is to be held in Atlantic City in June of 1942, and the special emphasis in this meeting will be placed on the training of physicians in prevention of heart disease.

They outline some of their plans in the following suggestions which are made to give your heart an even chance to serve you for a long and happy life:

1. Go to the doctor every year for a health examination, and follow his advice. This suggestion applies to children as well as adults. After a serious illness have the doctor give your heart a thorough examination. Then return to active life as carefully and as slowly as possible, so that your heart will have plenty of time to rest from the strain.
2. Look after infected teeth or tonsils.
3. Go to the dentist regularly.
4. Keep your weight near the average, for a person of your age, sex and height.
5. Have a well-balanced diet and do not overeat.
6. Do not take headache medicine without consulting your doctor. Advertised cures for headaches may contain drugs that are harmful to the heart.
7. Consult your doctor about the use of tobacco and stimulants.
8. Live a well-rounded life. Exercise regularly, but stop before you are overtired.
9. If you have children, consult a doctor whenever one of them complains of even mild leg ache or pains in the joints.
10. Watch your child after he has had one of the "children's diseases" or any serious illness, especially rheumatic fever, diphtheria, scarlet fever, or measles. Have the doctor examine him before he goes back to school. Care at this time may prevent serious trouble later.

The human heart is not very big, say the size of the average man's fist. If much larger, something is likely to be wrong. Yet it does an amazing amount of work for you and is perpetually on the job. Let it desert its function for one minute, and you are gone. Pump—pump—pump—50 gallons of blood an hour. Is that hard work? It would seem that this important organ has a right to reasonable care.

Chewing May Help

I have had liver trouble as long as I can remember. Also have attacks of indigestion. A big dinner nearly always causes indigestion within 10 minutes after the meal. I believe I have a slow kind of indigestion. A sickness at stomach sometimes occurs about 4 hours after eating.—F. S. R.

This correspondent makes a self-diagnosis of "liver trouble." How does he know? He has a coated tongue, and a big dinner upsets him. That is no proof of liver trouble. Constitutions differ. One person can eat old shoes with never a qualm. Another has a sensitive stomach that will work well if treated well, but demands that all food be chewed up in the mouth before being dumped down the esophageal tube into the stomach. Probably the writer is one of the sensitive ones. He must masticate everything. Perhaps "big



Dr. Lerrigo

dinners" are a sin against his stomach. No one can diagnose "liver trouble" who does not possess the education and equipment of a physician. This writer may need nothing but careful mastication.

May Not Be Worms

My baby is 20 months. Is restless at night. I am wondering whether it could be worms. I have a worm expeller and it says give castor oil the next morning after the worm medicine. Do you think it would be all right to give some other laxative, as castor oil makes him sick?—Mrs. H.

Do not give "worm medicine" to your baby. In the nature of things worm medicines are poisons; otherwise they would not cause expulsion of worms from the intestinal tract. To give such medicine without even knowing that worms are causing the trouble is folly. I am sure your only wise plan is to find out in an intelligent way what is really wrong. Babies' lives are too precious to trifle with poisons.

What Are Adhesions?

What causes adhesions, just what are adhesions, and what can be done for them? Is there anything that will give some relief, and why do some people have them when others don't?—C. F.

Adhesions may be anywhere in the body, especially where mucous surfaces are in contact, and where inflammation has occurred. Adhesions may follow severe burns, the infection of pleurisy, an abdominal operation, peritonitis or any such serious illness.

Treatment is not hopeful. Surgery helps in some cases and in others aggravates. Electric diathermy has been helpful. Patients can train themselves to minimize the symptoms.

May Be Goiter

My mother has had a growth of some kind coming on her throat just below the swallow for 3 or 4 years. The growth is now about the size of a large duck egg. Is it a goiter or not? Could it be inward goiter and show from the outside?—Mrs. W.

Since the growth is slow of development and situated around the larynx it is likely to be goiter. "Inward goiter" is just a name that is generally applied to exophthalmic goiter. As it develops it shows a tumor that needs an expert to classify. Your mother's best chance for recovery demands competent examination and advice.

If you wish a medical question answered, enclose a 3-cent stamped, self-addressed envelope with your question to Dr. C. H. Lerrigo, Kansas Farmer, Topeka, Kansas.

Busy "Ag" Boys

Students of vocational agriculture in the Chanute Trade School prove Kansas farm boys are right at home in almost any type of social activity. Under the leadership of their instructor, Elery Collins, the boys have had a busy social season so far this school term.

In October they held their annual pie and box supper, netting \$49, and in November they staged their annual all-school party, entertaining more than 300 with games and dancing. December activities included a parent and son banquet with 150 guests, followed 3 weeks later by an alumni banquet and dance.

However, their social activities are just a sideline to practical farming programs and training in agriculture and shop work. For instance, shop classes have been building A-type hog houses and chicken feeders for anyone who wants them, and other classes have been mixing mineral and selling it to the members.

DARLING, IF WE BAKE AT HOME, REMEMBER, THE ONLY YEAST WITH ALL THESE* VITAMINS IS FLEISCHMANN'S

* Per Cake: Vitamin A—3100 Units (Int.) Vitamin B₁—150 Units (Int.) Vitamin D—400 Units (Int.) Vitamin G—40-50 Units (Sh. Bour.)

Vitamins B₁, D and G are not appreciably lost in the oven, they go right into the bread.

TWO IN ONE

Brooder House and Range Shelter

A PRACTICAL new-type building for Kansas chicken raisers is the combination brooder house and range shelter, developed at Kansas State College. As explained by M. A. Seaton, extension poultryman, and W. G. Ward, extension engineer, it combines into one unit of equipment, the recommended features of using a portable brooder house and a range shelter for brooding and rearing chicks.

Many poultry raisers have realized for a long time that range shelters are desirable in developing good pullets for flock replacement. But the cost of a brooder house and a range shelter often is too much for a person's bank account. The combination house is suitable for brooding chicks or poults. After birds are 8 or 10 weeks old, front and back panels can be removed from the building and it can be moved out to a clean location on grass to serve as an ideal range shelter.

Made with light framing, and with plywood for the roof and sides, the combination house is relatively light in weight, considering its size, and therefore is easy to move. The house is 12 feet square and is constructed with a gable roof. Framework consists of 2- by 4-inch floor joists, 2- by 3-inch plates and studs, and 2- by 2-inch framing for the remainder of the building.

The sides and roof are covered with 1/4-inch waterproofed plywood and the front and rear panels are bolted to the framework and may be removed. Other

material such as galvanized iron may be used when available at less cost. The floor is made of 3/4-inch, 15-gauge hardware cloth, supported by 2- by 4-inch joist. Under conditions where it is necessary to reduce the cost of construction, 4 inches of clean gravel will serve for a floor and provide good brooding conditions. This eliminates need of floor joists and wire.

Front and rear of the house are covered with hardware cloth attached to the outside of the framing. Cost of material varies considerably in different localities, but the house can be constructed for about \$75 including labor. The cost would be about \$60 without labor, or \$45 without labor and wire floor.

The brooder house has a capacity of 300 chicks. Two of these houses would be needed on a farm maintaining a farm flock of 300 adult birds. Perches are provided by using 2- by 2-inch poles extending across the entire house from front to rear.

To Buy New Tires

Agriculture must "roll on," and tires will be allotted farmers for necessary use in connection with the farm business. If you wish to apply for new tires or tubes, you can do so by following this procedure:

1. Obtain an application form from the local rationing board and take it to one of the board's inspectors. Obtain from him a statement that the

tire or tube to be replaced cannot be repaired, recapped, retreaded or otherwise made usable.

2. Present to the rationing board the statement obtained from the inspector and explain the purpose for which the tire or tube you wish to obtain is to be used.

Farmers are eligible to apply for tires or tubes for farm tractors or other farm implements for which they are essential, or for trucks which carry farm products and foods to market. Tires or tubes cannot be obtained for trucks which transport such products to the ultimate consumer.

Tires or tubes cannot be obtained for any purpose unless they are to be mounted immediately. The certification issued by the board allows the applicant to purchase from any dealer.

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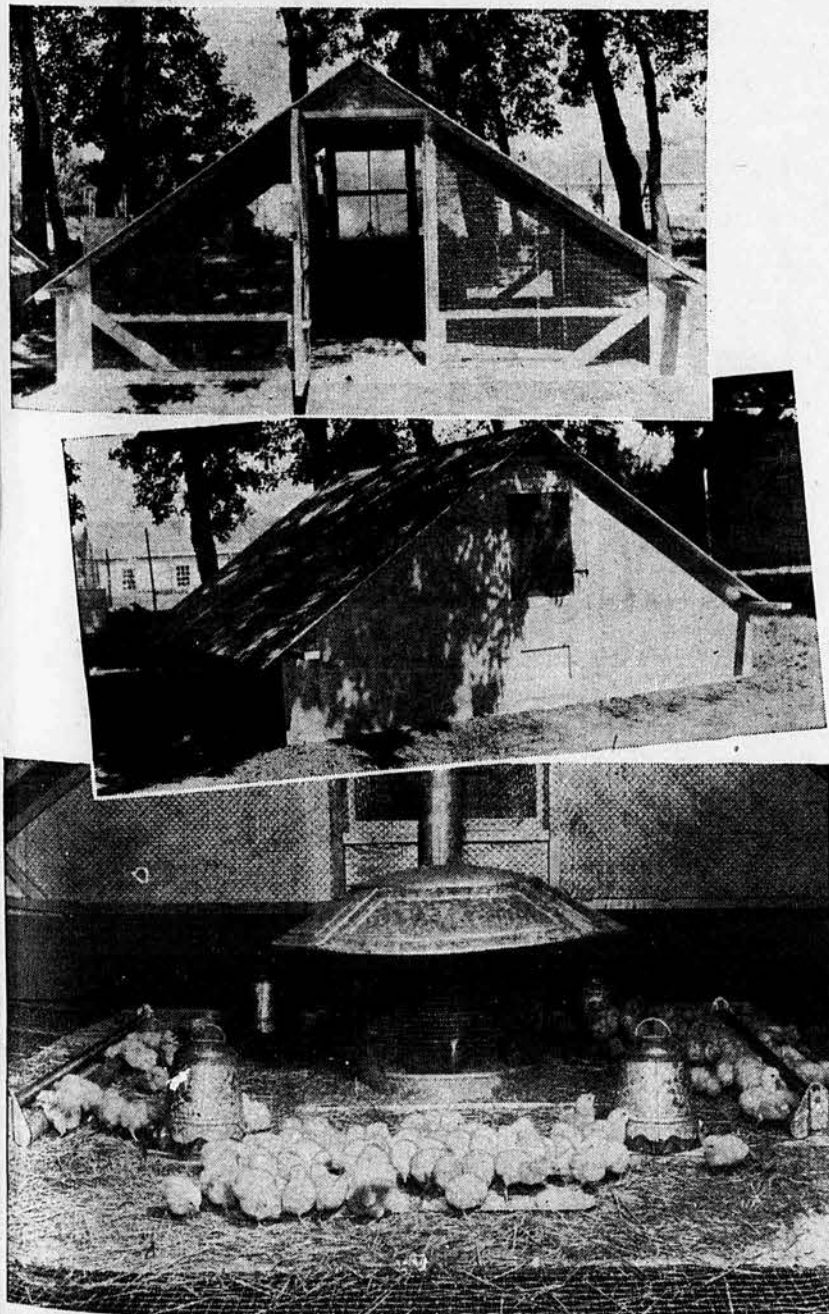
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Pictures illustrate different uses for new combination poultry house, developed at Kansas State College. In top picture, panels at front and back of building are removed so it can serve as an ideal range shelter. Middle picture shows this same building with panels in place, transforming it into a cozy, practical brooder house. At bottom is an inside scene, showing use of the combination building for brooding young chicks.

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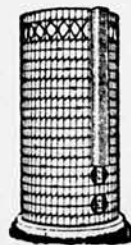
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GOOD FARMING PAYS



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Increase your crops with a New WESTERN. It pulverizes, mulches and firms soil deep as plowed BETTER THAN EVER BEFORE. Saves time and labor preparing perfect seed bed. Leaves surface mulch without grooves, which greatly helps to prevent washing. A perfect seed bed also conserves moisture, saves seed because more of the seeds grow; and helps to increase yields of all crops. Great for rolling in clover or grass seed and breaking crust on wheat in spring. Be sure it's a genuine WESTERN before buying. For horse or tractor. Write for catalog and freight paid prices direct to you.

WESTERN LAND BOLLER CO. Box 836, Hastings, Nebraska

Get Out Your Tire Markers

By J. M. PARKS, Manager
Kansas Farmer Protective Service

ANTICIPATING the day when tire thieves will be as much of a menace to the community as horse thieves were in the pioneer days, L. L. Marsh, maintenance engineer of the Kansas State Highway Department, issued orders for all shops immediately to brand all tires and batteries. Branding tires and batteries also was advised to all civilians.

The necessity of marking "civilian property" for identification is what we wish to emphasize. Now that few new tires will be available, every car owner is planning to make his present supply last as long as possible. The ease with which used tires can be sold at good prices will increase the hazard of theft just as theft has increased whenever poultry or livestock prices go up.

There are various ways of proving ownership of tires if they should be stolen. Serial numbers will help if owners keep records of them. The make, size and general appearance of tires also will be of assistance. Best of all, tho, is some special mark placed on the tires by the owner. For 6 or 7 years, the Protective Service has been advising readers of Kansas Farmer to mark their tires as well as other property. A simple, inexpensive branding device, known as the Bloodhound Thief Catcher, has been available right along. Perhaps nine-tenths of Kansas Farmer readers have one of these tools about the place. Unfortunately, only a small per cent of them have been put into use. To meet this new crisis, every farmer who has been assigned a Protective Service identification mark should hunt up his branding tool and mark his tires in so many different places that it would be impractical to try to destroy the marks.

Plan Gets Results

Effectiveness of this method of marking tires is exemplified in an affidavit made by Dewey Colhouer, R. 1, Hoyt, part of which reads as follows: "When my tires were stolen, I told the sheriff that one of the tires was stamped with my Protective Service branding iron and gave him my individual mark. A little later my tires were offered for sale at Atchison. My marked tires were positively identified, and the men offering to sell them were arrested and later convicted."

In breaking up a ring of thieves at Baxter Springs sometime ago, officers stated they recovered the stolen tires by means of a Protective Service mark, but that most of the other stolen property was never recovered because it could not be identified positively.

Still another Service Member, in expressing his praise of this method of marking, said, "Had it not been for the Bloodhound Thief Catcher, my tires never could have been found." In that particular instance, the car was stolen, stripped, and the tires sold. Identification of the tires led to the arrest of the thieves and also to the recovery of the automobile. These are only a few of the many instances in which the Protective Service marking plan served its purpose.

Mark Accessories, Too

The maintenance engineer of the State Highway Department mentioned only tires and batteries, but it is easy to see that the theft of other accessories may give a lot of inconvenience. The Protective Service marking plan applies to batteries and magnetos as well as to tires. A magneto stolen from W. L. Young, Tonganoxie, sometime ago, later was found in a junkyard at Lawrence. A deputy sheriff located property which answered the general description of that given by Young, but he said he was not sure he had the right article until he examined closely



and found Young's Protective Service identification mark stamped into it.

Batteries may be marked by stamping the lead portions. A general campaign of marking tires may prevent an epidemic of stealing. Incidentally, the initials CP appear on each Thief Catcher marker and may be considered to stand for "civilian property" in this crisis.

Filed in Sheriff's Office

The Kansas Farmer method of marking tires is made doubly effective since each farmer's individual mark is filed in the sheriff's office. Sheriffs are familiar with this system of marking. Most of them can refer readily to their records to verify a mark. The number of the mark also appears on the subscription label of Kansas Farmer, and this may be used as evidence of ownership when the occasion arises.

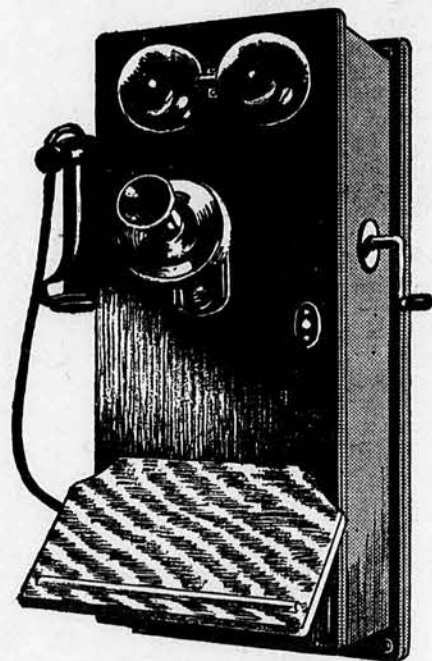
Dried Fruit Recipes

Preparing dried fruits economically in a variety of ways, is the subject of a pamphlet, "Dried Fruits in Low Cost Meals," recently prepared by the U. S. Department of Agriculture, Surplus Marketing Division. In addition to the dozen recipes in which dried fruit is the principal ingredient, there are suggestions for many combinations of dried fruit with meats, in salads, breads, cereals and sandwiches. For a free copy of this leaflet, please address Bulletin Service, Kansas Farmer, Topeka.

Looking at the subject from a farmer's point of view, we take our hats off to the sheriffs of Kansas. They are doing an excellent job of law-enforcement. In our daily contact with the head law-enforcement men of the 106 counties of Kansas, we find them right on the job at all hours. We feel safe and confident that action will be taken when farm thefts are reported to sheriffs promptly.

Your sheriff does not look upon your request for help as an order to perform a chore of drudgery. He welcomes your report as an opportunity to do his duty quickly and efficiently. Work with your sheriff, have confidence in his ability, turn over to him all clues or information that may be of assistance in bringing the guilty to justice. The sheriffs of Kansas are at your service. We will vouch for them every time.

KEEP YOUR FARM TELEPHONE TALKING!



A farm telephone is something to hang onto these days! How about getting yours fixed up before heavy spring work begins? Our booklet "How To Build and Repair Your Farm Telephone Line" gives simple advice, easy to follow. And it's free to all farmers who own telephones that work out of one of our exchanges. Ask for one at our office, or mail us a penny post card.

**SOUTHWESTERN BELL
TELEPHONE COMPANY**



Irrigation Tactics

Insure Victory in the Garden

By J. W. SCHEEL

THE war-time garden goal—a garden on every farm—will be the most difficult production objective for Northwest Kansas to achieve in the Food for Freedom Program in 1942.

Relatively few farms in this area have been producing gardens in recent years—perhaps only 10 to 15 per cent. Vegetables are somewhat difficult to grow here where summer winds are hot and dry and summer rainfall often is inadequate. Also, plentiful supplies of low-priced vegetables have been available from truck-producing areas in Colorado.

War conditions in 1942 are going to change all this. Large government purchases of tomatoes and other truck crops will tend to reduce the shipped-in supplies that will be available here. Reduction in the quantities of commercially-canned vegetables required by farmers will be desirable to conserve tin and to make available a greater capacity of commercial canneries for lease-lend production.

Vegetables can be grown here. Anna Stellar, St. Francis, produced 16 different kinds in 1941, including cabbage, onions, butter beans, green and wax beans, sweet corn, peas, carrots, parsnips, peppers, okra, tomatoes, salsify, beets and cucumbers.

Use a Windbreak

Three essentials for garden success as outlined by Edith Kelley, Cheyenne county home demonstration agent, are to plant the garden early, protect it with a windbreak, and insure adequate water for irrigation at the proper time by storing a water reserve in a tank or pond.

Most successful gardeners here grow their windbreaks, using such crops as Sudan grass and other sorghums. Miss Stellar's garden is protected by shrubs on the south and sweet corn on the west. Slatted snow fence also is used successfully. Some gardeners have constructed a windbreak by stretching burlap over a woven-wire fence, but shortage of burlap will eliminate that method this season. Mrs. H. F. Schemm, southeast of Wallace, Wallace county, got good results with an asparagus bed on the south and west sides of her garden which served as a windbreak during the summer.

Altho abundant moisture in 1941 made irrigation unnecessary in some gardens, the average producer must expect that extra water will be needed every summer and plan accordingly. Storing the needed reserve in a tank or pond insures that the garden will get its supply at the proper time. Flooding, or surface irrigation, is the most common method of water application. However, use of subsurface tile was adopted by a large number of Graham county families last season with good results, and this method is gaining favor thruout the northwest

part of the state. The Schemm garden in Wallace county was a successful example in 1941.

Planting gardens on the contour so as to make efficient use of all moisture that falls was a practice successfully used in 1941 by Glenn Rogers and Elza Lambeth, St. Francis.

There will be some difficulty in obtaining seeds and plants for a large increase in gardens. Seed dealers are aware of the need and are preparing to meet it. Greenhouse owners likewise are ready to do their part, altho it may mean extra labor and inconvenience.

A. H. Busse, 5 miles south of Bird City, is again preparing to operate the small greenhouse on his farm which has served this section of Kansas for 20 years. Customers as far as 50 miles away depend upon Mr. Busse for their plants. The greenhouse is strictly a sideline on the 2,000-acre Busse farm, and this year Mr. Busse contemplated discontinuing it because of a family labor shortage. A daughter who had been assisting with the business has

recently been married, one son is in the army, and another son is working in a defense plant. However, because of the urgent need for garden plants to make the home food production program a success, Mr. Busse decided to carry on.

Food storage in freezer lockers is a new practice that is rapidly gaining favor in this territory. Among the most recent installations is a plant with a capacity of 104 lockers which was installed at Bird City in December. A locker plant has been in operation in St. Francis for some time. Foods especially well suited to locker storage include peas, corn, beans, spinach and strawberries. Farm families also use the lockers for storing a variety of home-butchered meats.

Canning of garden produce also is extensively done. The John Ramsey family, 18 miles northeast of St. Francis, canned 461 quarts of vegetables and fruits in 1941, much of which was produced on an irrigated garden 50 feet square.

Mrs. Carl Kahle, southeast of Wallace, had a supply of more than 500 quarts of home-canned fruits, vegetables, and meats at the beginning of the winter. The Kahle garden—a success despite hail damage—was 30 by 40 feet in size. Surface irrigation was provided from a well.



Edith Kelley, Cheyenne county home demonstration agent, above, discusses adapted vegetable varieties with A. H. Busse in front of the small greenhouse on the Busse farm southwest of Bird City.



Mrs. John Ramsey, 18 miles northeast of St. Francis, has plenty of reason to smile, for the picture shows only a part of the home-canned food supply stored in the basement of the Ramsey home. Mrs. Ramsey canned about 461 quarts of fruit and vegetables in 1941.

Mrs. Arthur Scheetz, right, taking food from her freezer locker in Bird City. These lockers are very popular in this part of the state.



NATURAL GAS

Not in Stock

Customer: "I want some ripe grapes for my husband who is sick. Do you know whether these have been sprayed with poison?"

Grocer: "No, ma'am, you'll have to get that at the drug store."

A New Place

Child Training Expert: "If your children become unmanageable, quickly switch their attention."

Puzzled Parent: "Their what?"

That's the End

"Do you wish the court to understand that you refuse to renew your dog license?"

"Yes, your honor, but—"

"We want no 'buts.' The license has expired."

"Yes, and so has the dog."

No More Nerves

Nervous Passenger: "Don't drive so fast around the corners. It makes me nervous."

Driver: "You don't want to get scared. Do as I do—shut your eyes when we come to the corners."

Windshield Scenery

"Yes, we spent our holiday touring in the South. It was beautiful down there."

"Motored down, eh? Well, you must have passed some glorious scenery."

"Oh, we must have. Why, we averaged well over 400 miles a day."

Nothing But the Truth

"As I understand the case," said his honor, "you and your husband had an altercation and you were kicked in the ensuing rumpus."

"No, sah, Jedge," replied Mandy. "Ah was kicked in de stummick."

There's Mud in Your Eye

Did you hear what the Kaw Valley potato said to Lowell Thomas? "You're nothing but a commentator!"

Water Cure

Doctor: You are suffering from indigestion. Drink a glass of hot water every morning.

Patient: I've been doing that for some time, doctor, only my wife calls it coffee.

Don't Drop Behind

The fellow from Missouri says his home state stands at the head in raising mules because that is the only safe place to stand.

Clean Sweep

Wife: What's the idea of poking the broom in the baby's face this morning?

Hubby: I just wanted to get him used to kissing his grandfather.

Don't Experiment

After being tested by hundreds of poultry raisers for many years, the Hendriks Method of Feeding Baby Chicks is still becoming more popular every year. The method is so simple the amateur cannot make a mistake. Because this method has been proved so often, experienced poultry raisers like to have it for reference. For a printed copy, send a 3-cent stamp to Farm Service Editor, Kansas Farmer, Topeka.

Rugs From Worn Hose

Utilizing soft woolen rags, such as old blankets, also cotton blankets, outing flannel, hose, burlap and heavy domestic for making rugs gives one satisfaction in these times when we should save everything. Kansas Farmer's bulletin, *Homemade Rugs*, written by Madonna Fitzgerald, offers many suggestions for making several kinds of rugs. Also care of homemade rugs. A copy of this bulletin will be sent free to anyone upon request. Please address Farm Service Editor, Kansas Farmer, Topeka.

PREFERRED POSITION FOR AGRICULTURE

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Many details affecting agriculture in the all-out war program are still confused, but the broad picture is fairly clear. It shows the farmer in a preferred position—at least during and for a few months after the war—especially as compared to the only other "free enterprise" group left in the country, the small industry and the small business man.

In the war program, the Government figures it needs the farmer and what he can produce. So the farmer will get approximately what he needs for the increased production demanded of him, both as to prices and markets;

he will suffer from shortages of equipment, but not to the extent that other industries will.

Secretary of Agriculture Claude R. Wickard stated the entire problem in a few words:

"In 1941, we in agriculture had the job of producing enough for 2 nations; we anticipated we might have to produce a little extra for a third. Suddenly, almost overnight, we find ourselves in a situation where we may have to supply other nations, also. We're pooling all our resources—all the resources that can help win the war—with 25 other nations."

One of the plain implications of this program is in the so-called "Behind the Scenes" program carried to the South American nations by our own Departments of State and Commerce and the Export-Import bank, at the time of the Rio de Janeiro conference.

Summed up, this war production program for the Hemisphere includes:

1. Abolition of trade barriers between the United States and South America—tariffs, import duties, regulations or any practices that hinder trade.

2. Establishment of an international currency for all anti-Axis nations, with gold supplied almost entirely by the United States as a basis for the new "trade dollar."

3. Guarantee of essential exports for the South American nations by Uncle Sam.

4. Free flow of labor between South and Central America and the United States.

5. United States to finance nationalization of South American airlines.

6. United States to finance a program of highway building, and of construction of necessary plants and factories in the Latin American countries.

7. United States to assume responsibility for transportation of war supplies and "essential exports and imports" in the Hemisphere, in return for pooling of shipping.

Truly a large order, and it includes imports of foodstuffs from Latin American countries into the United States free of all tariff and other restrictions. Perhaps when Argentina is assured this will include fresh and frozen beef, and the free trade to continue after

the war, it will join in the war against the Axis powers. Argentina has not, yet.

As part of the "win the war" program for agriculture Secretary Wickard plans to put the South into the self-sustaining class. Some may say that the South cannot compete with the Northwest and Northeast in dairy production, says Mr. Wickard; or the Corn Belt in pork production; or the Middle West and West in the production of sheep and cattle.

"But competition is beside the point these days," continues Secretary Wickard. "What we need is production."

So the South must produce more foodstuffs for its own use—market problems will have to be settled after the war.

In a speech at Atlanta, Ga., Wickard also talked cold turkey about parity.

"I am going to strive for parity, and once the goal is reached—as we have nearly reached it now—I am going to do everything in my power to keep parity," said Secretary Wickard.

"But let us be satisfied with parity. When farm prices go much above parity, danger is ahead. Farm prices that are too high now will mean farm prices that are too low later. If we take advantage of the situation to profiteer, an angry public will rebel; we will have to accept ceilings, and rationing."

"I am going to do all that I can to keep prices up to parity. I am going to do all that I can to keep them from going much beyond parity. I think such a policy is in the best interests of both farmers and consumers."

In weeks past OPM has issued various orders classifying materials for farm machinery with certain priorities. The principle remains, but the orders issued a few weeks ago are today a dead letter. The War Production Board has swallowed up OPM; Director Nelson has delegated to the price administrator power to ration materials left over from war needs, among civilian industries and consumers.

Price Control Passes

Congress has passed a price control bill which gives to the Secretary of Agriculture the power to pass on any farm price ceilings order by Price Administrator Henderson before these go into effect. The act also prohibits the imposition of any farm price ceilings on any commodity at a figure below (1) 110 per cent of parity; (2) the average farm price of the commodity from 1920-29 inclusive; (3) the farm market price on October 1 or December 15, whichever is the higher.

The Government also will buy and sell commodities as an additional guarantee that farm prices will be attempted to be stabilized—relatively—during the war period at between parity and 110 per cent of parity, with higher prices allowed only to encourage production of crops immediately needed for war purposes.

Canned goods are not yet rationed, but civilians are going to get only what is left after supplying what the armed forces and Allied peoples need to prosecute the war. War Production Board has ordered that—

Canners set aside the following percentage of foods canned in 1942 for government disposal:

Asparagus, 44 per cent of the 1942 pack; lima beans, 22 per cent; stringless beans, 21 per cent; peas, 38 per cent; corn, 18 per cent; tomatoes, 30 per cent; tomato juice, 14 per cent; apples, 32 per cent; red sour-pitted cherries, 27 per cent; sweet cherries, 25 per cent; peaches, 23 per cent; pears, 26 per cent; pineapple, 25 per cent; fruit cocktail, 16 per cent.

Government representatives will select the canned products wanted; the rest will be released for sale in trade channels, after the Surplus Marketing Administration takes off the market what amounts, if any, it considers necessary to sustain prices. Army and Navy needs will come ahead of lend-lease requirements out of the reserved percentages.

DODSON SILO
CONCRETE STAVE SILO
TWO SILOS
Every farmer wants one silo and wishes he had two. Our finance plan makes it easy to own a DODSON "RED & WHITE TOP" SILO. Send for prices and literature. Our 31 years experience guarantees you long life satisfaction.
THE DODSON MFG. CO., INC.,
1463 Barwise, Wichita, Kansas

DON'T DELAY ANOTHER DAY!

BUY YOUR HYBRID SEED CORN NOW!



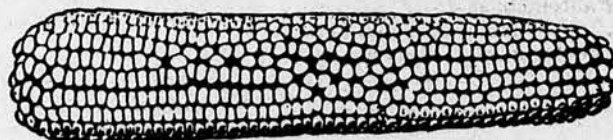
PRODUCTION DOUBLED
But Amazing Performance In
Tough Southwest Corn Belt
TREBLED DEMAND
For This Home Grown Hybrid

ONLY 80¢
OR LESS
PER ACRE CAN
BRING YOU

**15% TO 30% MORE
AND BETTER CORN**

TO MAKE
MORE MEAT,
POULTRY AND
DAIRY FOODS

If Your
PEPPARD
Seed Dealer
Is Unable
To Supply
You With
Flat Kernels
In The Variety
You Want
Don't Hesitate
A Minute
About Taking
Round Kernel
Seed



**Round Kernel Will Grow Exactly Same Kind and
Just as Much Corn as Flat Kernel Seed**

Of course, oversized and undersized kernels from tips and butts are discarded. However, due to disturbed pollination, a good percentage of round kernels is produced in the middle of some seed ears as shown.

In Peppard's Home Grown Funk's G Hybrid of any given variety, these round kernels have exactly the same germ plasm and will grow the same kind and just as much corn as flat kernel seed. They carry the same Peppard-Funk germination and grade guarantee and they plant just as accurately. All you need to do is to change to the proper planter plate if yours is an edge drop planter. Hill drop planters need no change of plate. Do not hesitate to take rounds if your dealer is out of flats.

Weigh these facts—see to it NOW that they don't upset your spring planting program. American seedmen and farmers must furnish seed and food for half the world. The supply of some field seeds and good hybrid seed corn is none too large. The Department of Agriculture has just set new and higher farm production goals to expand output of meat, poultry and dairy products.

To encourage production of more corn for feed the Government plans to increase corn acreage this spring and to impose no corn marketing quota next fall.

By all means BUY YOUR SEED NOW, especially your Peppard Home Grown Funk's G Hybrid Seed Corn. Fortunately, Peppard's produced twice as much this year. But—the demand for it is three times greater. The supply of flat kernels in some varieties is already exhausted.

Don't miss out on the 15% to 30% greater yield over open pollinated which Peppard's Funk's G Hybrid Seed Corn is apt to bring you under normal growing conditions. It is home grown—adapted to the tough growing conditions of the Southwest corn belt. See your Peppard Seed Dealer TODAY or write for full facts on the 7 money-in-your-pocket advantages which only Peppard Home Grown Funk's G Hybrids bring you.

SEND THIS NOW—
FOR FULL FACTS AND NAME
OF YOUR PEPPARD DEALER!

IF YOU NEED CASH to buy seed—see your county agent about a seed loan from the Emergency Seed Loan Office.

PEPPARD SEED COMPANY
1105 West 8th St., Kansas City, Mo.

Send Peppard Home Grown Funk's G book of adapted Hybrid varieties, special round kernel folder and handy farm note book.

Name.....

P. O. State.....

Name of Dealer from whom you prefer to buy seed.

Pay Tax on Net Income

And Here Is the Way to Figure It

AN APPROPRIATE song right now might be "Rufus Rastus Johnson, Whatcha Gonna Do When the Taxes Come 'Round?" For many farmers filling their first income tax returns, the big problem is knowing how to begin and what to list as income and deductions.

The head of a family must file a return if the gross income for the year is \$1,500 or more. Single persons must file a return if their gross income is \$750 or more.

Gross income includes all receipts from both farm and non-farm sources. It also includes the value of merchandise received in exchange for farm products. Although gross income determines who must file, actual payment of tax is based on net income. Filing of first payment on the tax is due March 15.

Farmers must fill out 2 blanks. One is Form 1040 F, which shows farm income and expenses. The other is Form 1040, the regular individual income tax form, which combines farm gains and losses with other factors to determine what is to be paid. These blanks may be obtained from any collector of internal revenue, banks, and post offices.

A Choice of Methods

Farmers reporting for the first time, may use either of two different methods. One is the cash basis which calls for a report of all income and all money received during the year. It includes the cash and other receipts from sale of livestock and grains, and the gross income from all other sources. All expenses of operating the farm are deducted from this and the difference gives the basis for computing the tax. The other method of reporting is on the accrual, or inventory basis. To report under this system, you add the inventory value of all livestock and other property owned at the end of the year to your income received during the year. From this figure deduct the inventory value of all livestock, grain and other property owned at the beginning of the year.

The accrual method of reporting has many distinct advantages and is generally advised as most satisfactory for the farmer who has been keeping records. However, for the farmer who has not kept records, the cash basis is simpler and more easily prepared. You do not change from one system to the other without making special arrangements with the revenue department. Farm income for tax purposes includes: Cash income, value of items received from sale or trade of livestock and grain raised, profits from sale of livestock or other items which were purchased, and "other farm income." Other farm income includes pay-

ments from the AAA, income from minors unless they have sufficient income to require separate tax payments, merchandise received in exchange for produce, money received for machine work, breeding fees, rent received in crop shares, hail or fire insurance received, returns from work off the farm, and other similar receipts.

Other farm income does not include any receipts arising from the sale of the farm or any part of it. Such transactions are not considered part of the farm business. Instead they are considered as personal transactions and are included on the personal form, 1040.

No Tax on Garden

Home-grown produce consumed by the farmer and his family need not be reported as income. However, expenses incurred in raising produce of this kind must not be claimed as deductions. In general, all disbursements necessary in operating the farm are allowable deductions in arriving at the net farm profit.

Important deductions include production supplies such as cost of feed, seed, fertilizers, lime and all similar supplies purchased and used. Insurance paid in connection with farm operations is deductible. This includes all fire and similar insurance on buildings, machinery and crops, but not insurance on the farm dwelling or personal and household goods.

Deductions are allowed on interest paid on mortgages, notes and other obligations arising out of the farm business. Rent paid in cash is deductible. Rent paid in the form of crops is not deductible, although expenses incurred in raising the crops may be deducted.

Wages paid for farm work may be deducted. However, no deduction is allowed for value of work done by the farmer, his wife, or dependent minor children unless the amount deducted is reported as income. Board for hired labor cannot be deducted except on items that are purchased. In other words, food raised on the farm and used in boarding a hired man cannot be deducted.

Most state and local taxes are deductible. Property taxes on the farm land, machinery, livestock and other production items may be deducted as farm expenses. Taxes applying to the dwelling and household goods are deducted from the personal record.

Cost of small tools and items of short life used in the business may be deducted. Automobile operating expenses, repairs and depreciation may be deducted if the car is used for the farm business. Money spent for purchase of automobiles, farm machinery, farm buildings and other equipment of a permanent nature is regarded as in-

vested capital. Deductions on these items are in the form of depreciation allowances prorated over the useful life of the property. For instance, if a \$200 building will last 20 years, deduct \$10 depreciation each year, during a 20-year period.

Losses not included in the farm inventory may be deducted in figuring the income tax. This will apply to many Kansas farmers who lost fences in the floods last season. Buildings, machinery and other property destroyed by fire, storm or other cause may qualify for this.

When all items of expense and depreciation are figured, the total is subtracted from the gross profits to determine net farm profit. This figure is entered on Form 1040 as the farmer's income from his farm operations. Then items of personal income such as savings account interest and dividends, are entered on this form. At the same time personal deductions are entered. These include contributions to church or charity, interest and taxes not relating to the business and bad debts.

Final step is to deduct from your taxable net income the personal exemption of \$750 or \$1,500, whichever the case may be, and \$400 credit for each dependent.

After filing for the federal income tax, you will have little difficulty with the state tax as the 2 forms are very much alike. However, there are a few important differences. First payment on the state tax is not due until April 15, one month later than the deadline for federal tax. Under the state tax law, 21 years is the age for determining minor dependency, while the Federal law lists minor dependents as those under 18 years. The state law allows \$200 each for dependents, instead of \$400 as allowed by the federal law.

Labor Saver No. 1... Well Fenced Fields



Well-planned fence lines are one of modern farm management's most effective "tools". They ease your handling of all livestock. They enable you to clean up feed, turn otherwise lost grain into meat, return fertility to the soil—with a minimum of work.

KEYSTONE FENCE

... really means WELL FENCED FIELDS, too. For RED BRAND withstands weather and fence line strain far longer than ordinary fences. That's because it's "Galvannealed", copper-bearing steel... constructed with compact, secure knots, ample tension crimps... perfected by 53 years of fence-making experience. Actually costs less per rod of fence per year. Sold by good dealers everywhere.

KEYSTONE STEEL & WIRE CO.
MAKERS OF PEORIA, ILLINOIS
RED BRAND FENCE

DE LAVAL SEPARATORS

UNEQUALLED QUALITY AND PERFORMANCE

MOST IN USE THE WORLD OVER

EASY TO WASH IN FIVE MINUTES

64 Years of Leadership

LOWEST COST PER YEAR OF USE

PRODUCE BEST QUALITY BUTTERFAT

A SIZE AND STYLE FOR EVERY NEED AND PURSE

THIS year marks De Laval's 64th year of leadership in cream separator manufacture... leadership in quality... performance... numbers in use... world-wide preference... and lowest cost per year of use.

Now as always De Laval maintains its wide margin of leadership by building into

The 1942 De Laval World's Standard Series Separator—standard of the world for performance, quality and longest life.

every De Laval Separator... regardless of size and price... cleanest skimming... longest life... ease and convenience of operation... and complete year-after-year user satisfaction.

There's a profit-earning De Laval Separator to meet every need and purse—see your local De Laval Dealer today.

SIZES AND STYLES

Size	Pounds of Milk Per Hour	Gallons of Milk Per Hour	Amount of Milk Separated in 10 Minutes
1	150	17 1/2	3 gal.
2	225	26	5 "
3	300	35	6 "
4	400	46 2/3	8 "
6	500	58	10 "
11	400	46 2/3	8 "
14	550	64	11 "
18	800	93	16 "
19	1150	134	23 "



DE LAVAL WORLD'S STANDARD SERIES—best in the world.



DE LAVAL JUNIOR SERIES—De Laval quality at lower price for smaller herd owners.



DE LAVAL MILKERS
For the world's best, fastest and cleanest milking the De Laval Magnetic Speedway has no equal. There is also the De Laval Sterling Milker, at lower price, with Sterling Pulsator having only two moving parts—never requires oiling.

THE DE LAVAL SEPARATOR CO., Dept. 4251.
New York, 165 Broadway
Chicago, 427 Randolph St.
San Francisco, 61 Beale St.
Please send me, without obligation, full information on { Separator {
Name { Milker { check which
Town {
State { R.F.D. { No. Cows {

FREE TRIAL—EASY MONTHLY PAYMENTS



If we don't run out of barrels.

WORD RATE

8c a word on the basis of 4 or more issues, 10c a word for less than 4 issues, 10 words smallest ad accepted. Count initials, numbers, name and address as part of ad. See tabulation of costs below.

KANSAS FARMER

WORD RATE

Words	One Issue	Four Issues	Words	One Issue	Four Issues
10.....	\$1.00	\$3.20	18.....	\$1.80	\$5.76
11.....	1.10	3.52	19.....	1.90	6.08
12.....	1.20	3.84	20.....	2.00	6.40
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15.....	1.50	4.80	23.....	2.30	7.36
16.....	1.60	5.12	24.....	2.40	7.68
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"LITTLE JOHN RUFF"

Box 150 A

Ottawa, Kansas

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Chicks



325 EGGS
ALL TIME
Grand Champion
Oklahoma Contest

Thousands of hens closely related to my Champion Layers are producing my high egg production bred chicks. They have a definite 29 year old breeding program back of them.

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Bred from Pedigreed Males with Records up to 355 Eggs

12 BREEDS and Ass'd

\$5.00 per 100 up

also

SEXED

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CHICKS

AAA Bred-for-Profit CHICKS

MIDWEST CHICKS are truly bred-for-profit because hundreds R.O.P. and Pedigreed breeders introduced into our flocks of White Leghorns, Rocks, Reds and Wyandottes each season to improve egg and meat production. Sire's dam's egg records to 343 eggs per year. Hatched from big eggs, every breeder blood-tested, 125,000 weekly shipped Mondays, Thursdays, 100% arrival guaranteed. Chicks may go higher, like last season, impossible to get when wanted, so book order today, immediate or future delivery.

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300 - 343 EGG HANSON

R.O.P. Bloodlines

\$4.50 UP

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UNSEXED, \$7.25. PULLETS, \$11.90.

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All flocks are PULLORUM TESTED TWICE. Specialties, White Rocks, New Hampshire, White Leghorns, Austra-Whites. Satisfaction GUARANTEED. It's the EXTRA that make you **Blackburn's Hatchery** Salina - - Kansas

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We use old hens only in our breed improvement work, some nine years old, greatly increases vitality. Customers report as low as 2% mortality thru winter. Trapping fourteen years. Write for more information. Stants Breeding Farm, Abilene, Kan.

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Triple Guaranteed large White Leghorns. Hanton's 300-egg trapped, pedigreed foundation stock. Approved AAA pullets \$12.95 post-paid. Catalog. Ortner Farms, Clinton, Mo.

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DeForest Large Type Leghorns. DeForest Hatcheries, Peabody, Kansas.

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MANHATTAN, KANSAS

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Echo Glen Farm, Troy
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Alexander Hatchery, Alexander
Alf Johnson Hatchery, Leonardville
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Baker Hatchery, Downs
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Biehler Hatchery, Hazelton
Black Hatchery, Enterprise
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Derousseau Hatchery, Clyde
Douglas County Hatchery, Lawrence
Electric Hatchery, Sterling
Engel Electric Hatchery, Hays
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Morganville Hatchery, Morganville
Nadler Hatchery, Kinsley
New Southwest Hatchery, Kiowa
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BABY CHICKS



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250-355-Egg Bloodline
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Pure certified seed of high quality and germination of Atlas, Norkan, Early Sumac, Early Kalo, Club Kafir, Pink Kafir and Flynn Barley. Fort Hays Experiment Station, Hays, Kansas.

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The Warren Mortgage Company has been making loans in the eastern two-thirds of Kansas for more than 70 years.

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For information on farms or loans, write: When writing from Rural Route state miles you live from town and direction)

Warren Mortgage Co.
Emporia, Kansas

400-ACRE STOCK FARM

Wabaunsee County, well located near highway and complete set improvements recently repaired and painted. Creek bottom, timber, good pasture. Some alfalfa. Good producer. Terms. JAS. H. SENG, EMPORIA, KANSAS

STOCK FARM

160 Acres Cherokee County, Kansas, 5 miles east from Cheyenne on gravel road, 6 room dwelling, 2 barns, good water and other buildings. \$1000.00 will handle, balance on easy terms. All buildings recently repaired and painted.

FRED TRUE
421 West Kansas Pittsburg, Kansas

HIGH-CLASS 160 ACRES

Near Lyndon, Kansas. House, barn, C. house, garage-machine shed, wash house, hog house, etc. Good fences. Electricity, gravel road, good community. Good terms.

JAS. H. SENG, EMPORIA, KANSAS

STOCK AND GRAIN FARM

200 acres, half plowland, balance pasture. 6-room house, good barn, tile silo, henhouses, sheds, rock road, mail route, telephone and electricity available. 9 miles southeast Garnett, Anderson county. \$41.25 per acre. \$1600 will handle. Balance 15-year loan at low interest. This is a fine farm home and should be easy to pay for at present prices of livestock and grains. March 1 possession if sold this month. No trades.

E. MAHONEY, 204 S. Oak, IOLA, KANSAS

GOOD 120 ACRES

Near Topeka, with good improvements and search list possession if you act at once. Excellent terms. JAS. H. SENG, EMPORIA, KANSAS

Farms and Ranches in Southeastern Kansas—Home of diversified farming and stock raising. Prices reasonable; terms liberal. Humphrey Investment Company—since 1871—Independence, Kansas.

Widow must sell good creek bottom farm, good buildings, good highway, 100 plow, 60 pasture, near school. \$32.50 per acre. T. B. Godsey, Emporia, Kansas.

For Wonderful Bargains in farm lands, write Kysar Real Estate Company, Goodland, Kansas.

LAND—MISCELLANEOUS

FOR CHOICE WHEAT FARMS AND STOCK RANCHES

priced to sell, see me for real bargains. Prospects never were better. C. N. OWEN, Dighton, Kan.

FEDERAL LAND BANK

WICHITA, KANSAS
Farms for sale in Kansas, Oklahoma, Colorado and New Mexico. See National Farm Loan Association in your county or write direct. Give location preferred.

Complete Ozark stock farm, 160 acres, only \$1,750 including crops, 20 head ewes, 10 lambs, 20 Angora goats, team and equipment. Near government-built highway, 2 1/2 miles village, fishing river, 100 pasture and woodland, 100 wire, 35 in cultivation, more tillable, 48-acre assorted orchard; small home, 40-ft. barn, poultry house; bargain for quick buyer, \$1,750, part down. Free mid-west catalog. United Farm Agency, KF-428 BMA Bldg., Kansas City, Mo.

REAL ESTATE SERVICE

Specializing exchanging farms for city properties. Grant Shaw, Ridge Building, Kansas City, Mo.

BREEDERS SUPPLIES

Corn Weights, 70c per pair postpaid. Made in 4 sizes—1/2 lb., 1 lb., 1 1/2 lb., and 2 lb. Tattoo markers \$4.00 postpaid. Includes set of numbers, bottle of ink, and full directions. We also carry complete line of ear tags, neck chains, veterinary instruments, supplies, serums, remedies; in fact, everything for the stockman. Write for free catalog. Breeders Supply Co., Council Bluffs, Iowa.

MACHINERY

Sweep, Stacker and Hay Loader all-in-one Machine. One man with tractor and Automatic Jayhawk, stacks, loads wagons or feeds baler from swath, windrow or bunch with less labor, time and money. Catalog, including tractor, auto and horse sweeps. Free. Write Wyatt Mfg. Co., Box N, Salina, Kansas.

Tractor Saw Rigs for wood, logs, lumber; combine canvases; raddles; rasps for rasp and tooth cylinders; build up and hard surface used rasps; V belt drives; ball-bearing sickle drivers; floating windrow pickup. Richardson, Cawker, Kans.

Uncle Sam needs all the food we can raise. Irrigate your farm; increase your yield. We have Irrigation Well digging machine, sold on terms that will make you money. Gus Pech Foundry & Mfg. Co., 500 Clagg Ave., LeMars, Iowa.

Several Model A-B-G & L John Deere Tractors, Combines, Plows, Light Plants, Farm Machinery. What do you need? Perhaps we have it. Write us for Free Bargain List. Green Bros., Lawrence, Kansas.

For Sale or Trade. Late John Deere four-row planter like new for Hedge posts, two-way plow, threshing separator. R. Lake, Lake City, Kansas.

12 ft. Minneapolis Moline combine; 12 ft. Gleaner Combine; Massey-Harris tractor with cultivator, rubber tires. Box 551, Topeka, Kansas.

For Sale: 31-R International Combine; also 800-watt Delco plant or trade for F-14 Tractor. Willard Colwell, Emporia, Kansas.

For Sale—Minneapolis 16-ft. combine 1929. Will trade for small combine. James C. Mann, Quinter, Kansas.

For Sale—Used Gleaner Baldwin combines 1929 to 1941 models. Shaw Motor Company, Grainfield, Kan.

Twelve Baldwins, eight Moline combines. Terms. Thompson Brothers, Minneapolis, Kansas.

Grain and Corn Elevators. Factory prices. Eckhardt Mfg. Co., St. Paul, Minn.

HAMMERMILLS

Start your own safe, sure, profitable year-round business. Only Fords Portable Hammermill grinds grain and roughage, mixes with supplements, or impregnates with molasses, all in farmers' own barnyards. Operators report earnings \$50, \$75, \$100 weekly, upwards, 25% down, balance from farmers. Many valuable territories open. Write: Myers-Sherman Co., 1414 12th St., Streator, Illinois.

MACHINERY WANTED

Want to buy used Minneapolis-Moline Model G tractor. Cobb Motor Company, Wilson, Kansas.

Wanted—Oliver 99, Special or 28-44 tractor. Wm. J. Hinton, Hiawatha, Kansas.

Want to buy John Deere Grain elevator, tubular type. R. E. Cobb, Wilson, Kansas.

Wanted—horse-drawn fertilizer, corn planter. Chamberlin, Carbondale, Kansas.

ELECTRICAL EQUIPMENT

DELCO LIGHT

Large stock Genuine Parts for all models. Plants—Pumps—Batteries—Wind Plants Dealers Wanted—Factory Distributors General Products, Inc., Wichita, Kansas

1/2 Horse, 110-220 volt, repulsion, 3450 speed. Alternating Motors, \$11.75; 3/4 H. P. \$16.85; 500 Watt, 110 volt, Alternating Generators \$26.50. Butler Electric, 1885 Milwaukee, Chicago.

TRACTOR PARTS

Save Money. Send for Free 1942 Catalog. New and used tractor parts. All makes. Quality guaranteed. Acme Tractor Salvage Company, Lincoln, Nebraska.

Save 50% to 75% on used Tractor Parts for all makes of tractors. Write for Free 1942 Lowest Price List. Reliable Tractor Parts Co., Hastings, Nebraska.

Write for big, free 1942 Tractor Parts catalogue. Tremendous savings. Satisfaction guaranteed. Central Tractor Wrecking Co., Boone, Iowa.

New and Used Tractor Parts at a saving. Tractor blocks rebored. Tractor Salvage Co., Salina, Kan.

PHOTO FINISHING

15c develops and prints your roll, or 2 prints each and enlargement coupon 25c. 20 Reprints 25c. Mailed. Include 2c for mailing. Anderson Studio, Hutchinson, Kansas.

Rolls Developed—Two beautiful double weight professional enlargements, 8 Never Fade deckle edge prints, 25c. Century Photo Service, LaCrosse, Wis.

Rolls Developed—Two Prints each and two free Enlargement Coupons, 25c. Reprints, 2c each; 100 or more, 1 1/2c. Summer's Studio, Unionville, Mo.

Enlargement Free, eight brilliant border prints and your roll developed 25c. Camera Company, Oklahoma City, Oklahoma.

DOGS

English Shepherd. Puppies, Spayed Females. Breeder for 22 years. Shipped on approval. 10c for pictures and description. H. W. Chestnut, Chanute, Kansas.

St. Bernards—all breeds—details free! Book 108 colored pictures, descriptions recognized breeds, 35c. Royal Kennels, No. 5, Chazy, N. Y.

Rat Terrier Pups. Bred for raters. Satisfaction guaranteed. Crusaders Kennels, Stafford, Kans.

English Shepherd Puppies. Heglers. Spayed females. Ed Barnes, Collyer, Kan.

Shepherds, Collies, Heelers, Watch Dogs. E. N. Zimmerman, Flanagan, Illinois.

LIVESTOCK REMEDIES

Abortion vaccine; calfhood vaccination. Government licensed strain 19. Free literature. Kansas City Vaccine Company, Department P, Kansas City, Mo. Dr. Oesterhaus, owner.

EDUCATIONAL

Want a Government Job? Commence \$105 to \$175 month. Men-Women. Victory program increases appointments. Short hours. Prepare now at home, for 1942 examinations. 32 Page book, full particulars and list positions free. Write today. Franklin Institute, Dept. H5, Rochester, N. Y.

Make Up to \$25-\$35 week as a trained practical nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-2, Chicago.

AUCTION SCHOOLS

\$100 Day Auctioneering. Term soon, free catalog. Belsch Auction School, Austin, Minn.

PATENTS AND INVENTIONS

Inventors: Protect your idea with a Patent. Don't delay. Secure "Patent Guide"—Free. Preliminary information furnished without obligation. Write Clarence A. O'Brien, Registered Patent Attorney, 219-B Adams Building, Washington, D. C.

Inventors: Have you a sound, practical invention for sale, patented or unpatented? If so, write Chartered Institute of American Inventors, Dept. 84, Washington, D. C.

Patents, Booklet and Advice Free. Watson E. Coleman, Patent Lawyer, 724 9th St., Washington, D. C.

FEATHERS

Highest Prices Paid for Feathers. We pay: White Goose, \$1.20; Grey Goose, \$1.10; White Duck, \$1.80; Colored Duck, \$1.75; Body feathers must contain original down. We also buy Goose Quills. No used feathers wanted. Checks mailed same day. No deductions for commission or handling. Big or small shipments accepted. Progress Feather Company, 657 W. Lake Street, Chicago.

Feathers renovated, made into beautiful comforters, pillows, mattresses, pads. Free circular. Bloomfield Mfg. Company, 7820 Broadway, Cleveland, Ohio.

Highest Cash Price for new goose-duck feathers. Remittance paid promptly. West Chicago Feather Co., 3415 W. Cermak Road, Chicago, Ill.

FUR BEARING ANIMALS

Raise Mink. Big Profit. Write for prices of breeding stock. Waukegan Mink Ranch, Waukegan, Ill.

TANNING

Hides tanned into leather, taxidermy, furrier, fox chokers complete \$5.00. Alma Tanning Company, Alma, Nebraska.

HAY

Baled Alfalfa (leafy) for sale at all times. E. W. Hayden, Clements, Kans.

TOBACCO

Kentucky's Aged red leaf chewing or mild, mellow smoking, 5 pounds \$1.00. Recipe free. Guaranteed to please or money refunded. Doran Farms, Murray, Ky.

PERSONALS

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

FISH BAIT

Fish Bait—Over 20 recipes and suggestions—10c. A Minnesota man writes, "Received your bait recipes and am well pleased with them." Fisherman, 1715 Lane, Topeka, Kansas.

FARM TELEPHONES

Farm Telephones: Save up to 75%. Guaranteed rebuilt telephones and repairs. Standard makes. Free Bulletin. Farm Telephone Co., Dept. K, Rogers Park Station, Chicago, Ill.

OF INTEREST TO WOMEN

Ladies' Beautiful Silk and Rayon Hosiery. Fit and wear wonderful. 3 pairs \$1.19. Satisfaction or money refunded. Wilson & Wilson, 604 Emerson, Detroit, Mich.

QUILT PIECES

Velveteen Cuttings; assorted colors big package 25c. Wayne Fox, Pleasantville, New Jersey.

HELP WANTED

Reliable Man or Woman wanted to call on farmers. Some making \$100.00 a week. Experience unnecessary. Write McNeess Company, Dept. 582, Freeport, Illinois.

AGENTS WANTED

Large streamlined 32V. wind plants direct from Manufacturer. Write for local dealership. Wind-Electric Factory, Lohrville, Iowa.

Make 50% Selling Seeds. Order twenty, 5c packets today. Pay when sold. Daniel Seed Farms, Grantsburg, Wisconsin.

SALESMEN WANTED

Men Wanted for old Rawleigh Routes which have paid our dealers big for years. Over 200 farm home necessities. Old established demand. Specials every trip help make larger sales. Low wholesale prices. Good cash profits. No age limits. No layoffs. If you will work steady for good pay write. Give age, references. Rawleigh Co., B-159-KFM, Freeport, Ill.

FEMALE HELP WANTED

Few openings for married women. Earn up to \$23 weekly in dignified work without experience, investment or training. No canvassing. Give age, dress size. Fashion Frocks, Desk 32081, Cincinnati, O.

ATTENTION!

Dealers in Used Machinery

Here is the report of an advertiser in the "Used Machinery" columns of the Kansas Farmer Classified Advertising Pages:

Roy. R. Moore, Adv. Mgr. Kansas Farmer Topeka, Kansas

Dear Mr. Moore: In answer to your query as to whether your Classified Advertising columns are productive of results, I am glad to say that we are more than satisfied.

I don't remember how many years we have been using consistently your "Machinery For Sale" column. In any case it has been a long time. At trifling cost, we have disposed of all sorts of used machinery—wheat binders, corn binders, manure spreaders, in fact, most any item you can mention that we have taken in on new farm equipment.

I can cheerfully testify that we consider Kansas Farmer an indispensable part of our yearly advertising program.

Very truly yours, GREEN BROTHERS Hardware and Implements Lawrence, Kansas

For information on advertising of used machinery (or any other item) in Kansas Farmer, address a card or letter to Classified Advertising Department, Kansas Farmer, Topeka, Kansas.

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas

We are advised that the CLARENCE MILLER DUROC sale at Alma, scheduled for February 16, has been called off.

CARLTON HALL, located at Coffeyville, specializes in registered Guernseys and in Chester White hogs.

WILLIAM BOHLEN, Downs, old-time Duroc breeder, will have a consignment in the State Duroc bred gilt sale to be held at the College, Manhattan, February 14.

The 33rd Annual Dairy Cattle Congress, National Belgian Horse Show and Allied Exhibits, will be held September 28 to October 4, 1942, at the permanent home in Waterloo, Iowa.

February 20 is the date and Parsons is the place for O'BRIEN BROTHERS big selected bred sow and gilt Poland China sale. Write at once for catalog and mark the date for attendance.

W. A. DAVIDSON Poland China breeder of Simpson, writes that he is entirely sold out of bred gilts and asks to have that part of his advertising omitted. He says fall pigs are selling well.

Monday, February 9, is the date of the SCHEEL-McCLURE Hampshire bred sale. The best from 2 leading Kansas herds. Don't wait for catalog as one will be waiting for you sale day. Sale on fairgrounds at Belleville.

JOE A. WIESNER, of Ellis, is consigning a choice gilt to the Duroc breeders sale February 14. Mr. Wiesner has heading his herd the great young boar Pot-O-Gold, a son of Golden Fancy. A lot of boars and gilts are on the farm at Ellis.

The EARL SUTOR AND SON Hereford sale will be held at Plainville, Tuesday, February 10. Fifty head of homebred and home-fed registered cattle, bulls, cows and heifers will sell. A catalog will be waiting for you when you arrive at the sale.

Super Score and Sunshine Clan breeding will feature the WARREN PLOEGER consignment to the state Hampshire sale to be held on the fairgrounds. Hutchinson, February 13. Mr. Ploeger has bred gilts and boars of the same breeding at Sunshine Farm, Morrill.

SHADOWLAWN BERKSHIRE FARM, near Holton, is headquarters for correct type and up-to-date breeding. Roy Gilliland, Jr., has a fine selection of bred gilts and fall pigs on hand. The herd now numbers around 75 head, and shows every evidence of careful care and sound judgment in mating.

We are authorized to claim Wednesday, May 13, as the date for the KANSAS ABERDEEN ANGUS BREEDERS' sale to be held in the 4-H barn on the fairgrounds at Hutchinson. Every Aberdeen Angus breeder in Kansas is invited to think of this as his sale. Breeders desiring to consign stock should write at once to George Hetzel, secretary, Kinsley.

A. L. WISWELL & SONS, big Poland China breeders, located at Olathe, write to say they have 20 sows bred for spring farrow, also a fine lot of fall pigs sired by Silver Strike and State Fairs Equal. All spring boars sold. They have recently purchased a bred gilt from a leading Illinois breeder, bred to The Winner, 1st prize senior boar pig at the Indiana, Illinois and Iowa state fairs in 1941.

G. M. "MEL" SHEPHERD, old-time Duroc specialist, writes me often now. Inquiry and orders for the Shepherd kind come in thick and fast. With the general outlook and certainty for continued demand and good prices, forward looking farmers are buying now while it is possible to buy in their own state and save time driving farther east, and paying more for getting Durocs not as good as Kansas breeders produce.

WELDON MILLER, of Norcat, continues to be one of the leading breeders of registered Durocs in Kansas. The herd now numbers 150, big and little. Twenty sows and gilts have been bred for home use and to go on the farms of old and new customers. Mr. Miller breeds them big, medium-type, deep-bodied and meaty. Many of our readers know and have appreciated Weldon Miller's Durocs in past years. He invites inspection.

I have just received from Secretary Dale Scheel, a list of consignors to the STATE HAMPSHIRE SWINE SALE to be held at Hutchinson, Friday, February 13. This list contains the names of many leading breeders of Kansas, this with the understanding that tops from the various herds will make up the offering is a guarantee of the high quality both in breeding and individual conformation. A catalog may be had by writing Dale Scheel, Emporia, Kansas.

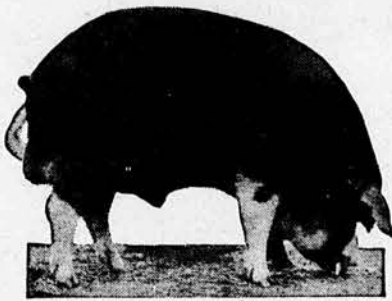
On another page is an announcement in which HARRY GIVENS invites Guernsey cattle and Duroc swine breeders to visit his farm while attending Farm and Home Week at Manhattan. Overlook Farm is located 2 miles west of the college on Highway 24. Mr. Givens has an unusually attractive lot of uniform fall gilts sired by the Nebraska bred boar, Fannie's Leader. The Guernsey herd while not large in numbers is well kept and of good quality and breeding.

HERMAN SCHRAG, the Shropshire sheep specialist of Pretty Prairie, is also a breeder of registered Hereford cattle. Mr. Schrag and his brother have a fine small herd headed by a son of Rupert Tone 19th. The herd was developed from a pair of helpers bought in 1926. They were granddaughters of Regulator 52nd; their first bull came from Foster Farms and since that time they have used 3 Hazlett bred bulls. Representatives from the herd have been heavy winners at local fairs.

LEON WAITE & SONS, successful breeders of registered Hereford cattle, have added another promising young sire to their herd bull battery. The Waites bought the first-place junior yearling in the January 8, Hutchinson show and sold the following day. The bull came from Foster Farms and is of excellent quality and conformation. He

February 21
Will Be Our Next Issue
Ads for the Classified and Livestock Sections must be in our hands by
Saturday, Feb. 14

Combination Bred-Sow Sale TOP POLAND CHINAS FROM TWO HERDS



ROWE'S GOLDENROD

Lawrence, Kan.,
Thursday, Feb. 19

40 SOWS
Fall Yearlings and
Last Spring Gilts

About half sired by the Missouri Grand Champion, **ROWE'S GOLDENROD**. Most of them bred to **ROWE'S BELGIAN**. About half of offering sired by **THE MEDDLER** and bred to **MARKET STAR** (Grand Champion American Royal). Unusual individual quality, of accepted Poland China type, from long lines of prize-winning ancestors. The big smooth kind. Also a nice assortment of fall boars. Some by Rowe's Goldenrod (sire of more junior champions than any other boar in the territory). Everything immuned. For catalog address either of us.

C. R. ROWE & SON, SCRANTON, KANSAS
WAYNE WILLIAMS, GRANDVIEW, MISSOURI
Col. G. H. Shaw, Auctioneer Jesse R. Johnson with Kansas Farmer

Shorter Legs, Deeper Bodies, Better Hams

Feature the Bred Gilts That Sell in Our

FRIDAY, FEBRUARY 20th, SALE

On farm, under cover. All-weather roads, 2 miles west and 1½ miles north of **PARSONS, KANSAS**.

45 HEAD of our strictly top gilts have been picked for the occasion, most of them sired by the Farmer boar, **Admiration King**, and out of big, thick, strong-backed, deep sows, sired by **Foundation Lad**. Our friends say we have "shortened the legs and deepened the bodies without sacrificing size and other essential qualities." We will let you be the judge.

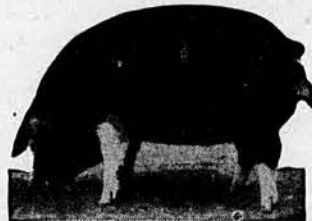
Everything immune. We solicit and extend a special invitation to farmers and young breeders wanting foundation stock.

Write for catalog and mention **KANSAS FARMER**.

O'BRIEN BROS., PARSONS, KANSAS

Col. G. H. Shaw, Auctioneer

Jesse R. Johnson with Kansas Farmer



MILKING SHORTHORN CATTLE

Milking Shorthorn Sale Mason City, Iowa Friday, February 20

68 Head—43 Cows, 5 Baby Heifers,
9 Bulls, 11 Baby Bulls

A son and 2 grandsons of Red Oaks Olivia, 19,756—714 lbs. 2 heifers bred to Charlie Clay, 1st 7 dams av. 16,426—651 lbs. General Waterloo, by the incomparably good-fleshed Prince Waterloo and out of Big Gold, 11,785—531 lbs., test 4.5%, sells with 2 daughters, 2 sons, 4 cows carrying his service. Dispersion sale, Jacob Maassen, Mason City, account surrendering farm, 14 cows and the stock bull. For catalog, ready 10 days before sale, write

ROY A. COOK, Sale Clerk
Independence, Iowa

"Duallyn Farm—Milking Shorthorns"

Bull calves under one year old and a few yearling heifers for sale—real double-deckers, beef and butterfat, show winners and Record of Merit in milk production.

JOHN B. GAGE, EUDORA, KANSAS

SHORTHORN CATTLE

See AMCOATS for SHORTHORNS

Short-legged, thick bulls in age from 10 to 15 months. Cows with calves at foot, bred and open heifers, 75 head in herd. Established over 40 years. Federal accredited for Bang's and T.B. Best of Scotch breeding and type.

S. B. Amcoats, Clay Center, Kansas

White Star Shorthorn Farms

offer choice young bulls, best of breeding and type. Sired by Village Sultan (196346) grandson of Proud Markman. Also heifers by same bull. Mayflowers, Maudea and Rosewoods. Inspection invited.

FAYE LECHLITER
Clayton, Kansas

"Lacy's Scotch Shorthorn Bulls"

The thick, short-legged, beefy kind. Reds and roans. 10 to 18 months old. Most of them by the Canadian-bred Glenburn Destiny.

E. C. LACY & SON, MILTONVALE, KAN.

POLAND CHINA HOGS



BRED GILTS

Sired by or bred to Golden Model. Also September gilts, open. (4-H prospects.)
MALONE BROS.
Raymond (Rice Co.), Kansas

Poland Bred Gilts, Fall Pigs

Now offering choice fall boars and gilts by Silver Strike and State Fair Equal. Few bred sows, immune. Visit us or write to

A. L. WISWELL & SON, R. 3, OLATHE, KAN.

Forty Selected Bred Gilts

Sired by a son of Golden Rule. Bred to lowest thick sows of Newby's Challenger (sire of Grand Champion barrow Chicago International). Immuned. The Groninger kind since 1882.
HERMAN AND LAWRENCE GRONNIGER, Bendena (Doniphan Co.), Kan.

Poland Bred Gilts, Serviceable Boars

Choice bred gilts, weight 400 lbs. Bred to a son of the many times champion, State Fair. 200-lb. boars of July farrow. Sired by Arkells Mainliner and out of Top Rowe 2nd sow. Fall pigs of same breeding.

James Arkell & Son, R. 3, Junction City, Kan.

Davidson Offers Fall Boars and Gilts

Registered Poland Chinas of the breed's most popular bloodlines. 100 head from which to select. See us or write.

W. A. DAVIDSON & SON, SIMPSON, KAN.

SPOTTED POLAND CHINA HOGS

BUY SPOTTED BOARS NOW

Now is the time to save on fall boars and gilts. Medium type by Royal Conquest and Big Diamond. Double immuned. Registered.

Earl and Everett Fieser, Norwich (Kingman Co.), Kan.

BEEF SHORTHORN CATTLE

Attractive Prices on SHORTHORNS

Young cows, yearling heifers and heifer calves. Mostly sired by Marshall Goldspur—1848413, by Goldspur's Favorite. The above females are good individuals and carry the blood from some of the leading herds. Inspection invited.

V. E. DeGEER, LAKE CITY, KANSAS

Kelly's Quality Shorthorns

Four choice bred heifers. Bellows Bros., Allen Cattle Company and Tomson Bros. breeding.

EARL H. KELLY, STAFFORD, KANSAS

is said by good judges to combine the breeding of many of the best animals the breed has produced. This youngster comes to assist the WHR and Hazlett herd bulls now in service on the ranch at Winfield. The Waite cow herd carry the blood of noted sires such as Hazford Rupert 25th, Hazford Rupert 97th, WHR Contender Domino 1st, WHR Jubiter Domino 22nd, Royal Domino 45th, WHR Real Domino 41st, and Bocaldo Tone 68th. Waite & Sons invite inspection of their herd.

THE O'BRYAN RANCH, Hiattville, Bourbon county, has made rapid progress with the breeding program of registered Hampshire hogs. The many years that the owners have spent in feeding commercial hogs gave them an excellent idea of the type they wanted when they started to breed purebreds. Breeders who attend the state sale at Hutchinson on February 13 will have an excellent opportunity to study the type they are producing as they will have several head in this sale.

JAMES ARKELL & SON, old-time Poland China breeders, located at Junction City, are well stocked with good, large, smooth-type Polands that carry the blood of State Fair, Arkell's Mainliner and other boars that have made history for the breed. Mr. Arkell, senior member of the firm, has been breeding good registered Polands for a quarter of a century. He knows good Polands, how to mate them and how to feed for better and larger litters. The Arkells invite inspection of their Polands.

I have just received a very interesting letter from an old-time breeder of Stafford, Earl H. Kelly, breeder of registered beef Shorthorns and Hampshire hogs. Mr. Kelly has been a good buyer of Shorthorn seed stock from some of the best breeders in the entire country. His herd boar, Page Boy Jr., was first in class at many of the leading state fairs. Mr. Kelly says "the Duroc fellows will think I am crazy." He formerly bred and exhibited Durocs and recalls many of the Duroc breeders still in the business.

The **STATE DUROC BREEDERS'** sale to be held in the college judging pavilion at Manhattan on February 14 indicates the interest being shown by progressive breeders of the state. Nineteen consignors are contributing from their herds to make this sale possible. A selection of new herd material should be an easy matter as the bloodlines represented are about anything you might want. Other features of interest will be included with this sale. We suggest you write immediately to Vern V. Albrecht, Smith Center, the efficient secretary, for a sale catalog.

W. M. ROGERS, Alta Vista, reports his Durocs doing well. Many readers know about his excellent herd boar, Iowa Master. This boar has shortened the legs of his last spring crop. And the 20 gilts and tried sows now on the farm are all sired by him or bred to him. A fine lot of fall boars and gilts are by this boar. About half of the bred sows and gilts will be kept for farrowing on the farm, while the others will go out to improve and replace less efficient animals on Kansas farms. Mr. Rogers reports heavy demand for all kinds of breeding stock.

V. E. DeGEER, Shorthorn breeder, located in one of the best cattle counties in Kansas, has bred better beef Shorthorns for many years. The herd now numbers more than 100 head. Mr. DeGeer has been a good buyer of herd bulls, has culled close and as a result has made marked improvement since the herd was established. The good breeding bull Marshall Goldspur is now in service. Shorthorns coming from the farm at Lake City are fed and developed in a way to insure the best results when they leave the farm for new homes.

GOLDEN RULE STOCK FARM, Ft. Scott, has been the home of choice jacks and jennets since 1908. **W. D. GOTT**, the present owner and manager, established the herd. Breeding stock has gone out to improve other herds in a dozen states. Grand champions from this herd have stood before judges in Kansas, Missouri and Kentucky. The present herd numbers about 40 head. Mr. Gott knows the history of jacks better than almost any other man in the entire country. Mr. Gott's advertisement appears in this paper.

RALPH SCHULTE, successful Duroc breeder and exhibitor of Little River, will have a consignment in the Kansas breeders sale to be held at the State College, Manhattan, February 14. During the last 3 years the Schulte Durocs have won the lion's share of the best places at county fairs, and last year representatives of the herd were heavy winners at Kansas State Fair. Boars sold from the 1941 spring crop averaged \$79 a head, and most of them went to commercial swine growers. A boar from this herd is now in service in the Clarence Miller herd at Alma.

This is a last-minute announcement of the **VERN V. ALBRECHT** Duroc and Berkshire sale to be held at Smith Center on Saturday, February 7. You will find good Durocs in this sale and here is one of the many reasons: Vern consigned a bred gilt to the national sale at Peoria, Ill., which was held on January 24. Selling in competition with gilts from all over the United States the Albrecht gilt topped the sale at \$460, while the sale average on the 40 head consigned was \$160. Gilts like this bred to the same kind of high-class sires can be purchased in this auction.

BANBURY AND SONS, Plevna, write interestingly about their Polled Shorthorns. They say the \$800 Queen of Hearts 2nd is convincing them the best pays. Mr. Banbury says this animal now in the herd assures them they were not such fools after all. Her son Red Count 2nd is up to this date the most promising sire they have ever had on the farm. Queen of Hearts 2nd was the undefeated junior yearling at the big shows in 1940. They conclude by saying, "Cattle are doing fine. The herd now numbers about 140 head. The demand is all we can supply." Banburys are constant advertisers in Kansas Farmer.

I have a fine letter from **FRANCIS WEMPE**, breeder of registered Jerseys at Frankfort. Mr. Wempe recently advertised a young son of Lad of Queen Coronation, a 3-star bull now in service at the Kansas State College. The young bull has probably been sold by now. But it is interesting to know the first daughter of the college bull to freshen at the college has made more than 150 pounds of fat in her first 90 days on test. He is a son of the Silver Medal tested sire, Coronation Lad of La Haule, which has 29 tested daughters averaging 601.48 pounds fat. His dam, that is the dam of the college bull, is a Good Plus daughter of the Superior sire, Coronation Oxford King, and she has a record of 796.21 pounds of fat.

I have received an interesting letter from **W. R. HUSTON**, of Americus. Mr. Huston has bred registered Durocs continuously for more than 35 years. For several years he has advertised regularly in Kansas Farmer, rarely missing an issue. Mr. Huston says he has received orders

Fall, Kansas
January 21, 1932

Jesse R. Johnson,
Kansas Farmer,

Dear Mr. Johnson: Thank you so much for the fine Hereford bull advertisement you made up for us; also for the field-note. The advertisement looked good and we are pleased with it. It brought results right away and we may want to run the same or another like it soon if we still have some bulls left for sale. We will let you know. Thanking you very much, we are
Yours sincerely

E. SUNDGREN & SONS,
by Julian Sundgren

for hogs from 12 states during the past month. He says his customers are laying a foundation now to produce the most profitable type of Duroc now and after the war is over. Mr. Huston and his son Willis have recently returned from a 1,500-mile trip inspecting boars. They purchased 2 boars and 2 bred gilts on the trip. One boar comes from Iowa and one from Illinois. More than a dozen herds were visited on the trip.

JOHN HENRY AND EARL MEANS DISPERSED SALE of grade Holsteins, registered Poland Chinas and bred cows held at Horton on December 15 was well attended. Fourteen cows and 2-year-old heifers in milk averaged \$81.50; 3 yearling heifers averaged \$85; 8 coming yearlings and baby heifers averaged \$58.75; and a baby bull calf sold for \$50. The top cow sold for \$197.50, and the buyer was J. V. Hanson, of Hiawatha. Twenty-seven bred Poland Chinas averaged \$41.60, with a \$60 top. The sheep sold at satisfactory prices. A crowd of 350 was present, and the interest was good throughout the entire sale. Bert Powell sold the offering rapidly, assisted by Hawk and Son, of Effingham.

We are glad to report that John Henry is improving, and he is now at home and able to be about with the help of crutches. His many friends will be pleased to learn of his improvement.

Because of the death of **JAMES M. CLARK**, of Onaga, the herd of registered Herefords Mr. Clark and his son have been building for several years must be dispersed. The sale will be held on the farm Friday, February 27. The farm is located 5 miles south and one-half mile east of Onaga. The offering will consist of about 40 head of registered Herefords, with 2 herd bulls bred by Robert Hazlett and WHR ranch. The young cattle will all be by one or the other of these bulls and all of the females of breeding age bred to them. Ten of the first cows to come to the herd were sired by Frank Belden bulls. Besides the Herefords, 7 grade milk cows will be sold, all bred and some of them fresh by sale day—Milking Shorthorns, Ayrshires and Jerseys, also grade dairy heifers. The Hazlett bred bull was sired by Hazford Tone 74th and his dam was a double Bocaldo 6th. The WHR bull was sired by WHR Blocky Domino 42nd. These cattle are federal accredited for TB and abortion. A good, useful, well-bred lot but selling in breeding form. It will be a good place to buy.

On their highly productive farm near Bendena in Doniphan county, **HERMAN AND LAWRENCE GRONNIGER** continue with registered Poland Chinas on the same farm where their father started the herd 60 years ago. Poland Chinas have done much for the family, increased land holdings and made for a better way of life for the big family. So it was natural that Poland Chinas should continue to have a big part in the farm economy. Skyrocketing prices were always discouraged, as was the extreme type that did so much breed harm and was water over the wheel of competing breeds. The Gronniger type has changed but little during the years. Big, smooth, well-hampered and quick to fatten has always been the motto. Last summer the brothers visited many herds where short-legged Polands have been developed over a period of years and brought home with them 2 young boars both sired by the boar that sired the grand champion barrow at the Chicago International. I know of no better type boars for crossing with the daughters of Golden Rod gilts. This mating is certain of pleasing results.

South of Manhattan are the **POOLE RANCHES**. For a generation these ideal grazing blue-stem pastures and creek valleys have been devoted to the production of better livestock. Always hundreds of Hereford cattle have grazed there and have eaten the alfalfa that grew in the valleys. **JOHN AND PAT POOLE** and the other brothers have improved these ranches and proved what can be accomplished by a steadfast purpose.

HOLSTEIN CATTLE



Clyde Hill Farm Holsteins

Registered Holstein Bulls—Serviceable age and younger, from proven dams and sires. Herd average 1940-41 was 501.6 lbs. B.F. Farm in N.W. Mo., near Maryville.

CLYDE HILL FARM, CLYDE, MO.

WANT A HOLSTEIN BULL?

Write to
Box 1031, The Holstein Friesian Association of America, Brattleboro, Vermont

DRESSLER'S RECORD HOLSTEINS

Cows in herd are daughters and granddaughters of the state's highest butterfat record cow, Carmen Veeman, 1,018 lbs. fat. Bulls for sale.

H. A. Dressler, Lebo, Kan.

AUCTIONEERS

BERT POWELL

AUCTIONEER AND REAL ESTATE
1531 Plass Avenue Topeka, Kan.

Harold Tonn, Auctioneer

HAVEN (Reno County), KANSAS

Livestock Advertising Rates

1/4 Column Inch.....\$2.50 per issue
1/2 Column Inch.....3.50 per issue
Per Column Inch.....7.00 per issue

One-third Column Inch is the smallest and accepted.

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

DUROC JERSEY HOGS

DUROC BOARS and GILTS

10 spring gilts bred to Stylish Lad. 15 first fall gilts and 6 fall boars, sired by Captain Kidd 2nd. Dams by Prince Orion and Wonder Leader. Selling so farmers can own them. Also Registered Hereford bulls.
GRANT POOLE, MANHATTAN, KANSAS
(10 miles south of town)

In KANSAS DUROC SALE Manhattan, February 14 Two Choice Fall Boars

Full brothers to 1st and 3d spring boars, and 1st and 4th spring gilts 1941 Kansas State Fair. Also 3 top gilts, including 4th prize gilt, same fair. Gilts bred to a top son of "THICKSET".
SCHULTE'S DUROCS, Little River, Kan.

Watch for Our Consignment In the KANSAS DUROC SALE MANHATTAN, KAN., SATURDAY, FEBRUARY 14

Two excellent gilts bred to a thick, outstanding son of "THE CARDINAL". Visit our farm anytime.
RANSOM FARM, HOMEWOOD, KANSAS

See My Medium-Type BRED GILTS

Bred to FLASHY ACE and PATHFINDER MASTER
Manhattan, February 14
State Sale. 25 years a breeder.
WM. BOHLEN, DOWNS, KANSAS

BOARS, GILTS AND PIGS Will Sell Top Gilts at Manhattan, February 14

At home we have a fine lot of pigs sired by D-O-GOLD (son of GOLDEN FANCY) Charles Miller's great boar. Registered and immunized. For the best buy in the West, see us.
JOE A. WIESNER, ELLIS, KANSAS

50 Duroc Boars---50 Bred Gilts

Huston has 100 Duroc boars, all sizes. 50 bred to his Original home shorter-legged, heavy-boned, eye-feeding type. New blood for old customers. 50 head in herd. Registered and immunized. Picked on approval. Catalog, 35 years a breeder.
W. R. HUSTON, AMERICUS, KANSAS

Bred Gilts and Fall Boars

Thrifty medium-type gilts to farrow in March. All weigh 400 pounds. Bred to Miller's Cherry, son of Cherry Ace. Fall boars same breed. 150 head in herd. Registered and immunized.
WELDON MILLER, NORCATOR, KAN.

Fall Boars, Fancy Spring Gilts

Bred to Proud Cheery Orion and Improvers Ace (Champion bred, thick, broad-backed, heavy-hammed kind). All boars by a son of noted Ace of Diamonds. Immunized. Offered for sale in Durocs, write or come, 37 years breeder.
G. M. SHEPHERD, LYONS, KANSAS

Reg. Durocs for Farmers

Spring and fall boars, and bred and open gilts. Bred by or bred to Iowa Master.
W. M. ROGERS, R. 1, ALTA VISTA, KAN.

HAMPSHIRE HOGS

SEE OUR CONSIGNMENT STATE

(SALE)
Hutchinson, Kan., February 13
More of the same quality at home. Outstanding fall boars, out of Register of Merit litter. Others full brothers to Jr. Champ. Boar State Fair last year. To our knowledge ours was first Bang's-free herd in Kansas.
Write or visit
SUNSHINE FARM, MORRILL, KANSAS

CHOICE BRED GILTS

Bred to PAGE BOY JR., 1st prize Missouri, Kansas, Oklahoma and Texas State Fairs. Also 1st fall gilts.
EARL KELLY, STAFFORD, KANSAS

Gilts Bred to Nebr., Junior Champion

Consigning to the State Hampshire sale at Hutchinson 2 top gilts bred for early farrow to McClure's Roller, Junior Champion boar at Nebraska.
C. E. MCCLURE, REPUBLIC, KANSAS

REG. HAMPSHIRE HOGS

Hampshire GILTS BOARS
Pigs
O'BRYAN RANCH, HIATTVILLE, KANSAS
(Farm 35 Miles Southeast of Iola)

BERKSHIRE HOGS

BRED GILTS FOR SALE
To farrow MARCH-APRIL. Also fall pigs, either sex. Make your foundation now. 75 head in herd.
SHADOWLAWN BERKSHIRES
Roy Gilliland, Jr.
Holton Kansas

ANGUS CATTLE

Latzke Aberdeen Angus Farm
(SINCE 1918)
20 bulls 8 to 11 months old sired by Proud Cap 641403. Also cows and heifers. 150 head in herd. Inspection invited.
OSCAR LATZKE, JUNCTION CITY, KAN.

BULLS FOR SALE

Also choice heifers, bred and open. From a herd whose discards top best markets.
E. L. BARRIER, EUREKA, KANSAS

backed by a definite program. Neither drouth nor flood have defeated their purpose over very long periods. Pat's youngest son, Grant, went in for Durocs about 5 years ago. Like his father and uncles he knew and pinned his faith on good blood. He now has in service the herd boars Captain Kidd 2nd and Stylish Lad. Both boars with lots of scale, but well hammed and standing on good feet and legs. Grant did his first showing last fall and had the grand champion sow at the Abilene and Clay Center fairs. No thought is given to making the Durocs secondary to the big herd of Herefords. Close attention is given to a type that is satisfactory to the commercial grower. Mr. Poole believes there is none too good for the farmer and prices his so they can be bought by farmers and beginners. The farm is located 10 miles south of Manhattan; take Highway 13.

Things don't just happen by chance at the CLYDE HILL HOLSTEIN FARM, in Northwest Missouri. It wasn't by chance that this outstanding herd of registered Holsteins at Clyde, Mo., was awarded the highest honors of the breed in the state in 1940-41, when the herd average reached 501.6 pounds of butterfat. This was made with more than 50 head. The great bull and sire, Rock River Hangavel 1st, is one of the sires that has done so much for this herd and others of equal merit preceded him, which accounts in no small measure for the high production just mentioned. Joseph Gemmeke is manager of this excellent herd and he can show you production record and type in individuals in the herd that will please the most discriminating buyers. It is one place where several generations can be seen in one herd. It is easily one of the outstanding breeding farms of Holsteins in Missouri, and Kansas Holstein breeders will find a day spent here most pleasant and profitable.

Public Sales of Livestock

Hereford Cattle
February 10—Earl Sutor & Darrell, Zurich, Kansas. Sale at Plainville, Kansas.
February 25—Morris County Breeders, Council Grove, Kan. Walter O. Scott, Secretary.
February 27—James M. Clark Estate, Onaga, Kan.
March 2-3—Hereford Roundup sale, Kansas City, Mo. R. J. Kinzer, Secretary, Kansas City, Mo.
April 14—Northwest Kansas Hereford Breeders' Sale, Atwood. Sales Mgr., H. A. Rogers, Atwood, Kansas.
April 27—C-K Ranch, Brookville, Kansas.
June 13—Will Condel, El Dorado, Kansas.

Aberdeen Angus Cattle
May 13—Kansas State Aberdeen Angus Sale, fairgrounds, Hutchinson, Kan. Geo. Hetzel, Secretary, Kinsley, Kan.

Milking Shorthorn Cattle
February 20—Jacob Maassen, Mason City, Iowa. Roy A. Cook, Independence, Iowa, Clerk.

Duroc Jersey Hogs
February 7—Vern V. Albrecht, Smith Center, Kansas.
February 14—Duroc Breeders of Kansas, sale at Manhattan, Kansas. Vern Albrecht, Smith Center, sale manager.

Berkshire Hogs
February 7—Vern V. Albrecht, Smith Center, Kansas.

Poland China Hogs
February 19—C. R. Rowe & Son, Scranton, Kansas, and Wayne Williams, Grandview, Mo. Sale at Lawrence, Kansas.
February 20—O'Brien Bros., Parsons, Kansas.

Hampshire Hogs
February 9—C. E. McClure, Republic, and Dale Scheel, Emporia; sale at Belleville.
February 13—Kansas Hampshire Swine Breeders, Hutchinson, Kansas. Dale Scheel, Emporia, Kansas, Sec.

Capper Publications, Inc., Bonds

A prospectus issued by Capper Publications, Inc., offers the readers of Kansas Farmer the following:
—\$5,000,000.00—

- (1) First mortgage 5½ per cent bonds payable in ten years.
- (2) First mortgage 5 per cent bonds payable in five years.
- (3) First mortgage 4½ per cent bonds payable in one year.
- (4) First mortgage 4 per cent certificates payable in six months.

The bonds are issued in denominations of \$100, \$500 and \$1,000, and the certificates are issued in denominations of \$50, \$100 and \$500. The present sale price of any of these bonds or certificates is par without premium or other cost.

This announcement is neither an offer to sell, nor a solicitation of offers to buy any of these securities. The offering is made only by the prospectus, copies of which may be obtained by writing to Capper Publications, Inc., Topeka, Kansas. Such requests will be answered promptly.—Adv.

Orchard Money

Regulations governing lending to orchardists in Kansas, Iowa, Nebraska and Missouri who suffered from the November, 1940, freeze, from the \$1,000,000 appropriation obtained by Senator Capper last month, will be issued about February 15, Senator Capper has been informed by Dr. C. W. Warburton, head of the Farm Credit Administration in the Department of Agriculture.

Durocs-Durocs-Durocs-Durocs

"The Cream of the Kansas Crop"

They Sell at Auction at
Manhattan, Kan., Saturday, Feb. 14, 1 p.m.

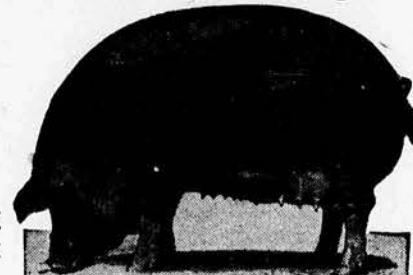
Sale Held in the State College
Show Pavilion

19 Consignors Sell
50 HEAD

40 Bred Gilts and
10 Fall Boars and Gilts

THE SALES OFFERING: Each man is consigning his choice gilts, bred to a great array of select herd boars. If you want choice individuals and select breeding be on hand for this sale.

Junior Judging Contest at 10 a. m.—Free Picture Show at 11 a. m.
All 4-H and F. F. A. members eligible to the contest.



THE CONSIGNORS

Albrecht, Vern V.—Smith Center
Bar-Y Ranch—Baxter Springs
Bohannon, Everett—Holton
Bohlen, William—Downs
Bohling, Earl R.—Florence
Hilbert, W. H.—Corning
Howell & Barclay—Marietta
Johannes, Albert—Maryville
Kansas State College—Manhattan

Miller, Clarence—Alma
Miller, Weldon—Norcatur
Poole, Grant—Manhattan
Ransom Farms—Homewood
Roepke, Arthur E.—Waterville
Schulte, Ralph—Little River
Smith Farms—Stanley
Stuckman, Chas.—Kirwin
Wiesner, Joe A.—Ellis
Wreath Farms—Manhattan

Everybody is invited to attend this extraordinary sale of the year.
Write to Vern V. Albrecht, Smith Center, Kansas, for a Sale Catalog or any other information pertaining to this sale.

KANSAS DUROC BREEDERS ASSOCIATION

H. D. YOUNGMAN, President
Bert Powell, Auctioneer
Jesse R. Johnson with Kansas Farmer

The O'Bryan Ranch Sells Choice Hampshire Gilts

In the State Hampshire Breeders' Sale at

Hutchinson, Kansas, February 13

Consigning FOUR GILTS Bred to "TOP BOARS"

They are Supreme Design—Junior Champion 1941 American Royal; Fashion Roller 2nd—Half brother to the \$2,000 Gardner's Roller Jr.; Straight Lead—By the \$1,000 Century of Earlham, a sound, low-down, wide-back Roller. (These are top boars of the West.)

O'BRYAN RANCH, HIATTVILLE (Bourbon Co.), KAN.
The Home of Easy-Feeding Hampshire Hogs



KANSAS HAMPSHIRE SWINE BREEDERS

(State Fair Grounds)

Hutchinson, Kansas,
Friday, February 13

45 HEAD—Selected from leading Kansas herds. Sired by or bred to such boars as sons of Century of Earlham and Steam Roller, Super Score, B & B Special, Rough Diamond, Fancy Clipper, Wills Standard, Stylish Score 2nd, Mr. Riga Cimarron and others.
6 outstanding Fall Boars.
This is an abortion-free offering.

FOR CATALOG, write
DALE SCHEEL, Sec., EMPORIA, KAN.

CONSIGNORS

Warren Ploeger, Morrill
Joseph G. O'Bryan, Hiattville
Carl Madden, Ellinwood
Elmer Dukelow, Hutchinson
Mary Dean Austin, Hutchinson
Dr. Joe Knappenberg, Hutchinson
R. E. Bergsten & Sons, Randolph
Dale Scheel, Emporia
C. E. McClure, Republic
Chas. Tuley, Republic
Curtis Spangenberg, Hudson
Balthrop & Ott, Wichita
Patrick O'Connor, St. John
George Burt, Rice

Bert Powell, Auctioneer
Jesse R. Johnson, Fieldman

GUERNSEY CATTLE

Visit Our Duroc Guernsey Farm

(Farm Home Week)

25 September gilts (sired by Fannie's Leader), low-set, big, medium kind. Registered Guernsey heifers, some now fresh. 2 miles west of State College—Highway 24
HARRY GIVENS, MANHATTAN, KAN.

Purebred Guernsey Bulls Chester White Boars

Service age—typy and from real bloodlines.
Priced to sell
CARLTON HALL, COFFEYVILLE, KANSAS

Offering: One Fine Bull Calf

Background 600 pounds of butterfat. One registered 2-year-old bull. Two grade cows, 4 years old.
LYN-LEE GUERNSEY FARM, Hillsboro, Kan.

4 Guernsey Heifer Calves \$110

Four 4-8 weeks old, well started, unregistered Guernsey heifer calves \$110. All express charges paid by us. Also registered bull calves. Lookout Farm, Lake Geneva, Wis.

DAIRY CATTLE

FREE BULL
Holstein, Guernsey, Shorthorn or Jersey with order of five 13 heifers. Sent subject to approval. Also carlots of older heifers.
Shawnee Dairy Cattle Co., Dallas, Texas

JACKS AND JENNETS

Golden Rule Jack Farm
Jacks from 2 to 5 years old. Jennets. Since 1892.
W. D. GOTT, FT. SCOTT, KAN.

HEREFORD CATTLE

GUDGELL & SIMPSON FOUNDATION HEREFORDS

Colorado Domino and Bells Domino in service. Every female on farm traces to Gudgell & Simpson breeding, 20 bulls (10 to 12 months old). 20 heifers, same ages. 25 bred cows and heifers.
OSCAR GIDEON
Emmett (Jackson Co.), Kan.

Hazlett Bred Herefords Offered

Three choice registered bulls, 12 to 16 months old. Also a nice pair of yearling unrelated heifers. All in range condition.
SCHRAG BROS., PRETTY PRAIRIE, KAN.

Walnut Valley Hereford Ranch

Excellent group of heifers, 9 to 24 months old. Strong Hazlett breeding. Range raised and developed. Bred or open.
Bulls, yearlings and calves by WHR and Hazlett sires. Leon Walte & Sons, Winfield, Kansas

Offering Hereford Bulls and Heifers

Choice lot of young registered bulls and heifers, 10 to 15 months old, from old established herd. Best of Stanway and Domino breeding. Albert Schlickau, Haven, Kan.

POLLED SHORTHORN CATTLE

Banbury's Hornless Shorthorns
Bulls near serviceable age. Also cows, heifers and calves for sale.
BANBURY & SONS,
PLEVNA (Reno Co.), KAN. Phone 2807.

DRAFT HORSES

Grade Belgian Stallion
Roan in color, 8 years old, broke to work, gentle and sure breeder. Priced for quick sale.
PETER D. GOERING, Pretty Prairie, Kan.



The Tank Truck



News from your Conoco Agent about Farm Fuels and Lubricants

Story in a Nutshell

Dear Folks—

Famous men, including great writers, usually have a knack of making pretty good sense without wasting time or words. There's Mr. Lincoln's amusing observation that a man's legs should be just long enough to reach the ground. And another good one is by Charles Colton, who wrote a book titled "Many Things in Few Words." In it he says, "Men are born with two eyes, but only one tongue, so that they might see more than they say."

Now usually this page would be all full of farmers' own words about Conoco Nth motor oil and how much they think of it. But just to give Mr. Colton's idea a try, we'll just put down the facts about the oil in mighty few words—and you can see for yourself just why Conoco Nth oil is a "must" with thousands of farmers.

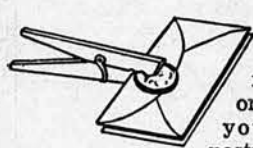
Yours for service,

The Tank Truck



THAT'S AN IDEA

Do you know some handier way of doing things around a farm? Write your ideas to The Tank Truck, care of this paper. We pay \$1.00 for each idea we publish, based on interest and date entry arrives.



Use a spring-type clothes pin to clip stamp money to letters or other mail which you leave for the postman. It will save him a lot of trouble, and help avoid any mixup or loss. H. J. Yorges, Yoder, Wyo.

A simple way to label jelly is to write the name on the hardened paraffin which seals the top. R. Berges, North Hollywood, Cal.

Cotton batting makes good bait for a mouse or rat trap. They like it for nests. Mrs. A. J. Johnson, Nekoma, N. Dakota.

CONSUMER FACTS ABOUT THIS OIL

VACUUM DISTILLED FROM SELECTED MID-CONTINENT PARAFFIN BASE CRUDE, FOR LOW VOLATILITY TO CUT CONSUMPTION. You wouldn't think of oil as something that could evaporate. Nevertheless it wouldn't take long for the heat in any normal engine to drive off a lot of light stuff if it hasn't been removed in advance. By reducing volatility, Conoco's Improved Vacuum Distillation guards against needlessly losing some of the mileage from Conoco Nth oil.

SOLVENT REFINED TO MINIMIZE CARBON AND OTHER ENGINE DEPOSITS... And that'll give you a whole handful of benefits: (a) Minimum carbon deposits. (b) An oil that stays exceptionally clean in service. (c) Easier cold weather starting. In fact, just solvent refining alone, is responsible for many of the long-life advantages of Conoco Nth oil.

CONTAINS THIALKENE INHIBITOR—A SYNTHETIC—TO RETARD OIL OXIDATION AND THICKENING. AIDS CLEANLINESS AND MILEAGE. (U. S. Patent 2,218,132) This man-made improver is one of the most important developments in oil-refining history. It checks, or inhibits, the poisons or "foul leftovers" produced by every engine's normal firing. You get greater freedom from oil-wasting "resins"... and therefore a cleaner oil and a cleaner engine than you might otherwise have. These are still further reasons why you can get your limit of safe mileage on every quart of Conoco Nth oil.

METHYL DI-CHLOR STEARATE, ALSO A SYNTHETIC, INCREASES FILM STRENGTH AND OILINESS. CREATES THE OIL-PLATING EFFECT. (U. S. Patent 1,944,941) OIL-PLATING is a Conoco development that's been famous for years. OIL-PLATING is a surfacing of lubricant fastened to inner engine parts by the magnet-like effect of this synthetic. OIL-PLATING isn't all quickly draining down even while the engine's at a standstill. Instead, your engine gets an "inner guard" against cold, oil-starved starts... a guard that is constantly kept up by every quart of Conoco Nth oil.

Now those are the facts about Conoco Nth motor oil. And here's an idea of what it all adds up to in performance...

In a strictly impartial, Certified Desert Test, one regular 5-quart fill of Conoco Nth oil out-mileaged 5 other big-name oils by 74% to 161%. The second-best oil in the test was all done—engine burned out before Conoco Nth oil was even down to half. There's your evidence of mileage to come, all right. But make your own impartial test by watching the dip-stick while you're trying Conoco Nth oil. Call Your Conoco Agent for a good supply of Nth oil.

The Grease Veteran Says:

"Most everyone is ready to allow that a \$20 bill usually looks sizeably bigger than a \$1 bill. It's no illusion either. But for some reason I've never figured out, the dollar or so it costs to properly grease a car must look big as the side of a house to some folks. Or maybe it's the time it takes. Dunno. Anyhow, when the car breaks down, they hurry it into the repair shop, then pay the bill—which might easily be \$20, like it or not. And that \$20 is cash on the barrel head! Now how much easier and cheaper it would be to give a car or truck or tractor its regular quota of grease and oil and care, and save those unnecessary repair bills. Leastwise, that's how it seems to me."

* * * *

It's just about impossible to put anything over on the Grease Veteran. Sooner or later he always seems to catch up with anything that we're apt to overlook or "short-cut." Why not take his advice, and hustle right down to Your Mileage Merchant's Conoco station, so he can get right to work heading off "repair bills" for you. Here are some of the Specialized Conoco lubricants he'll use, and why.

FOR CHASSIS LUBRICATION there's Conoco Pressure lubricant, which combines a high degree of oiliness with the adhesive and cohesive qualities needed to seal out abrasives and water.

FOR WHEEL BEARING LUBRICATION, which is one of the toughest jobs, there's Conoco Racelube. It won't whirl off the bearing races or throw into the brake bands or drums when properly packed. And it resists both heat and water.

FOR COMPRESSION CUPS—soft, pliable, "tacky" Conoco cup grease feeds just the right amount of lubricant. Six grades to cover all automotive needs.

How To Use Knife and Axe

There are still plenty of old-timers around who believe that the way you handle a knife or axe is a sure tip-off on your honesty and character. Be that as it may—and contrary to our laws which hold a man innocent until proved guilty—a knife or axe is always assumed to have "bad intentions." That's why you'll find that the most experienced men are the most careful.

WHEN YOU USE A KNIFE:

1. Whittle away from you, NOT towards you, to prevent injury.
2. Don't drive a knife into a stick by hammering on the back of it, and don't use the handle as a hammer. Don't use the blade as a screwdriver, or as a pry.
3. Keep the blades sharp and clean. A dull knife is dangerous. Boil or scald the blades before cutting food.
4. Don't carry an open knife in your hand. Don't lay it on the ground when not in use, or keep it in a wet place.

WHEN YOU USE AN AXE:

1. Never chop in such a position that the axe will cut you if it slips.
2. Never chop on a hard surface, and don't try to chop pine or hemlock knots with a sharp axe.
3. If you carry an axe on your shoulder, always have the edge outward from your neck, otherwise a stumble might result in a bad cut. Better still, carry axe by grasping handle close to the axe head with blade down and outward, and muzzle the axe while traveling.

Your
Conoco Agent

CONOCO MOTOR FUELS
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