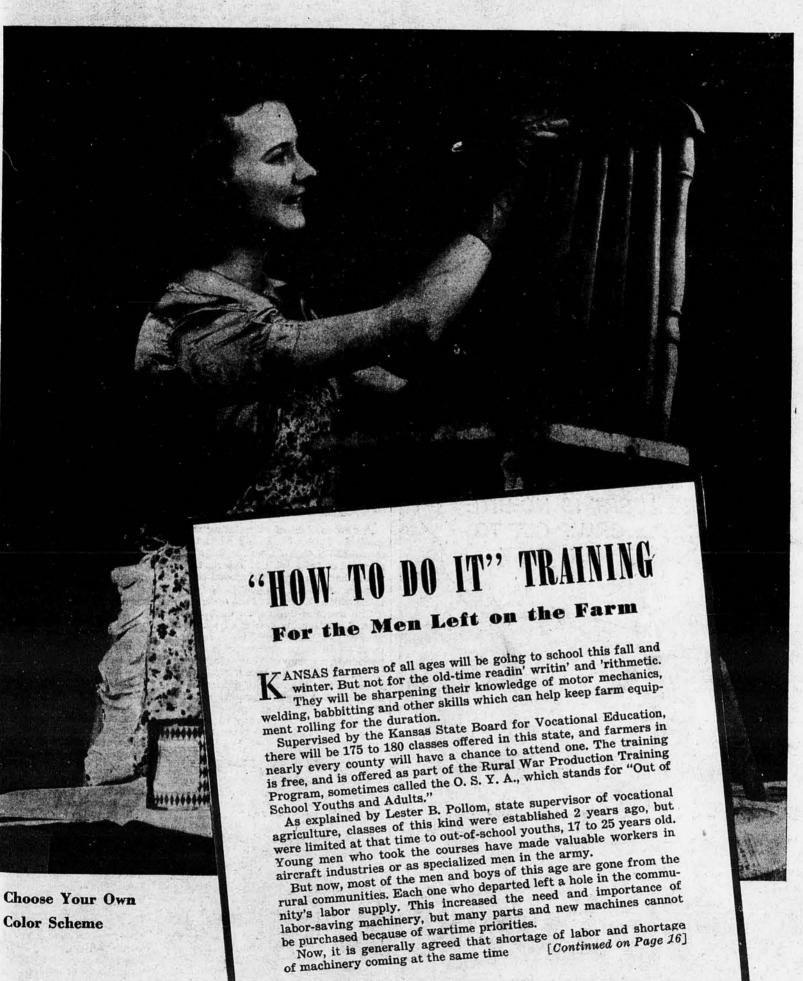
## ANSAS FA SEPTEMBER 19, 1942 CONTINUING MAIL & BREEZEANSA





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#### What "Vets" Talk About

#### When They Get Together in Convention

ALKING shop among themselves, not unreasonable to demand that com TALKING shop among themselves, not unleasonable delegates to the American Veterinerv Medical Association convention, such temperatures before giving it is nearly Medical Association convention. recently held in Chicago, told some hogs. Canada has such restrictions. mighty interesting things. The following paragraphs were taken from talks by top-notchers on the program:

to produce 100 pounds of pork.

One hundred heavy-laying hens will drink nearly 10 tons of water in a year.

A laying pullet has been observed dipping her beak in the water for 57 consecutive drinks after breakfast.

It has been shown that watering dairy cows twice daily produces 7 per cent more milk than watering them once a day.

Benefits in better livestock health and production which are gained from proper watering practices are equally significant with respect to proper feeding practices.

Scientific rations should include proteins, carbohydrates, fats, minerals, and vitamins. Proteins repair tissues and build new ones. Carbohydrates are the preferred body foods for muscular energy. Fats are carriers of valuable vitamins, and provide a source of energy 21/2 times that of carbohydrates and vitamins. Minerals are essential to the vital processes of the body, and are important to the skeletal structure, the nervous system and blood. Vitamins are essential to maintenance, growth, health and reproduction.

It is not sufficient, however, to merely have these various ingredients in a ration. Quality of the ingredients is an important factor. For example, in a carefully controlled feeding experiment, pigs from the same litter were divided into 2 groups, and received rations of the same formula and chemical analysis. At the end of the 20-week experiment, the pigs in one group weighed an average of 21 pounds more than the other. The difference was due to the quality of the ingredients. Similar tests have been conducted with chickens and turkeys, and the differences were equally significant.

#### Feeder Gains Speed Up

A new method of stimulating more gains in feeder cattle, by partial removal of the thyroid, was reported. In a series of tests with 12 steers, those which had the thyroid removed began to gain weight 33 per cent faster than those which did not have the operation.

The average daily gain during the first 6 post-recovery weeks was 2.6 pounds in the operated steers, in contrast to an average daily gain of 1.8 pounds in a group of 17 control steers which were not operated. Following the sixth week the rate of gain was reduced, and averaged 2 pounds daily at the 20th week. The animals on which the tests were conducted ranged in weight from 365 to 993 pounds at the time of operation.

#### Would Cook the Garbage

Feeding uncooked garbage to hogs is the greatest factor today in spreading trichinosis in this country. The incidence of trichinosis in hogs fed uncooked garbage is 5 times higher than in grain-fed hogs. It was proposed to place feeding of garbage under the control of state livestock sanitary authorities; requiring a state permit to feed garbage to hogs; automatically quarantining hogs fed on uncooked garbage; requiring a permit before such hogs are sold; requiring a permanent identification tattoo on all hogs admitted to plants where uncooked garbage is fed; requiring slaughterhouses using such hogs to pre-cook the meat before selling it to retailers.

Trichinae in pork are killed when all parts are heated to 137 degrees Fahrenheit, a lower temperature than that at which milk ordinarily is pasteurized. In the interests of public health, it is

#### Very Tough Roughage

y top-notchers on the program:

A hog requires 550 pounds of water

Every kind of object from money to razor blades has been found in a cow stomach. Recently one veterinaria removed 11 razor blades and a rubbe ball from one cow. In his opinion mor than 75 per cent of all dairy cows ove 5 years old are suffering from this con dition. Cows have a curious tendence to swallow bright or shiny objects ly ing around the barnyard. These i clude nails and pieces of glass. If ever farmer would pick up such objects, h could prevent the loss of many valu able animals.

Sharp objects such as nails a needles penetrate the stomach and g toward the apex of the heart, and whe they reach the heart they kill the cow

Where digestive disturbances create by such objects are noted in time, the can be removed by surgery. Usus symptoms show the animal "off feed," eating best every 2 days or 3 days. When going down hill there is a dis

#### Poor Feed From Poor Land

Many digestive disturbances in cat tle are caused by lack of minerals which are essential to health and growth.

Food crops grown on run-down mineral deficient soil are bound to b lacking in essential minerals. If thos minerals are not added to the ration in one form or another, the liveston will suffer from deficiencies—such de ficiencies are responsible for more d gestive disorders in livestock than the public realizes.

#### Horses Rescue the Lambs

Old Dobbin has come to the rescu to help save the lives of thousands lambs affected by "pulpy kidney disease." A new type of serum produce by inoculating horses is now being used successfully in Oregon in com bating the disease.

Lambs from 2 weeks to sever months old, on luxuriant pasture heavy grain ration, are usually affecte by the disease. Death occurs within few minutes and up to 4 hours after symptoms appear, and mortality ap

#### Make Rubber Parts Last

Here are a few tips for making the rubber parts of milking machines last longer:

1. Remember the general rule that clean rubber lasts longer.

2. As soon after milking as possible, rinse rubber parts in cold water, then wash them with hot water and a good washing powder or dairy cleaner. Do not use soap or soap powder.

3. Give rubber parts a good brushing.

4. Rinse in clean, hot water. 5. Sterilize carefully with lye or chlorine solution or boiling water.

A milker's rubber parts can stand boiling . . . . if . . they are clean. If butterfat has collected on rubber, boiling will leave the rubber gummy, and gummy rubber will not last long. Boiling in lye water is of ten recommended where rubbers have a coat of fat due to improper washing. Never pour boiling water on rubbers so it hits one spot. Also be sure to use a false bottom of wood so rubbers do not rest on the hot metal bottom of vessel.

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oaches 100 per cent. In tests made, intisera was produced by 7 ranch orses. Losses in flocks of lambs this ar stopped immediately following he use of the serum. In the previous year's tests 4.53 per cent of the un-reated lambs died of the disease, while only .23 per cent of the treated ambs died.

#### New Disease Attacks Cattle

How modern veterinary science is ttacking a new disease which is causng heavy losses to cattle raisers in oklahoma and other beef-producing egions, was described. The disease, "diopathic hemoglobinemia," is simiar to "red water" disease, but is a diferent pathological entity.

The death rate from this disease mong several thousand head of Oklahoma beef cattle was about 100 per ent among untreated animals. All atempts to isolate a causative pathogen, to reproduce the disease in common aboratory animals and cattle, have en unsuccessful. Best results thus ar in treating sick animals have been obtained by using an intravenous inection of a compound arsenic solution.

#### Are Fighting Mastitis

A new method of attack against astitis—a cattle disease which is now osting dairy farmers millions of dolars annually—was reported. The new treatment involves use of iodine in mineral oil. The iodized oil is injected nto the udder and milk cistern of the ow while she is dry, and is generally sllowed to remain there thru the "dry

However, the mere treatment of masitis cases as they arise will not eradiate the infection within a herd. Pres-nce of the disease in a herd indicates hat unknown infections exist in cows which are not suspected of harboring he disease. Mastitis eradication refall animals in the herd, proper mangement, and proper treatment of in-

#### To Keep Horses Awake

Further progress is being made in he nation's fight to reduce horse losses aused by sleeping sickness. The new, mproved vaccine made from the emryos of unhatched chicks, is providng greater immunity to sleeping sickess, and the protection is effective for onger periods.

Tests conducted on horses immuized by both subcutaneous and inradermal vaccination, showed that immunity was provided for 8 nonths, and that immunity still peristed at 13 months, altho it appeared be waning somewhat at the later

Sleeping sickness among horses has hown sharp increases in the last few ears, and authorities have been fearul of a recurrence of the devastating sses which occurred a few years ago. the army has already had all of its lorses vaccinated by veterinarians, to rotect them against the disease, and anual vaccination is now becoming a egular practice among many horse

#### Aid for Dairy Cows

Concerted effort which leaders in eterinary research are making to disover methods to combat the growing denace of mastitis, which is ruining o many thousands of valuable dairy ws in this country each year, was escribed before the association.

In an attempt to determine the value f chemotherapy in treating the disse, which ruins the udders of dairy vs. 3 research veterinarians treated 08 quarters with such agents as acriavine, entozon, colloidal silver oxide, tyrothricin. Cows which were actating, and others which were dry" were treated.

In the lactating quarters, acriflavine as found to have 89.3 efficiency in estroying streptococcal infections, atozon 60 per cent, colloidal silver kide 71.4 per cent, and tyrothricin 1.4 per cent. In dry quarters the efficiacy of acriflavine was 71.4 per cent, entozon 72.7 per cent, colloidal silver oxide 69.9 per cent, and tyrothricin 92.1 per cent.

Altho response of the infected quarters to acriflavine and entozon is comparable in efficiency to other agents used, tissue irritation, damage to the udder, and lowered milk production appear to be greater. Tyrothricin was apparently the least irritating of any of the products used.

#### One Disease Brings Others

A little-known malady, Johne's disease, which is caused by an organism resembling the tubercle bacillus, is now believed to be a predisposing factor in producing many other disease conditions in cattle and sheep.

The disease seems to affect virtually all farm animals, and is difficult to eradicate where various types of livestock run together. In a checkup of 10 typical counties in Arkansas, 355 cattle, 376 sheep, 63 goats, 24 swine, 35 horses, and 44 mules were found to be affected.

A program for control of Johne's disease in cattle would be of little or no value unless consideration were given to other species of animals maintained on the same premises. Swine reacting to "johnin" have always been found associated in the same lots with cattle or sheep.

The disease principally manifests itself in a disturbance of the digestive tract, and a pronounced emaciation of the affected animal. Veterinary leaders believe it to be much more widespread than is generally recognized, and that it may be responsible for much livestock illness which is now ascribed to other causes.

#### "Sulfa" Drugs a Big Help

The "sulfa" drugs which have produced such amazing results in coping with various human diseases, are prov-

Veterinary delegates were told that The Job He Likes sulfaguanidine had proved of definite value in treating necrotic enteritis in swine. This disease, known as "necro" to most farmers, has ranked as one of the major causes of swine losses in this country for a number of years, and has been a complicating factor in other swine diseases.

Twelve lots of pigs afflicted with enteritis were treated with sulfaguanidine in co-operation with local practicing veterinarians, and results indicate that sulfaguanidine possesses considerable merit as a therapeutic agent in the treatment of the infectious enteric complex. Among the treated animals 69 per cent recovered, while among the animals not treated only 16 per cent recovered.

In another test lot of 133 affected pigs treated with sulfaguanidine, 92 per cent recovered.

#### May Save the Pullets

If there has been an outbreak of chicken pox or laryngotrachetis on your farm or in the vicinity, it would be wise to vaccinate the growing pullets, says A. E. Schumacher, of the Kansas State College poultry department. Schumacher explains the pullets may be vaccinated any time after they are 8 to 10 weeks old.

#### Worth the Price

After trying to produce good lambs from low-priced, grade rams during the last 3 years, C. C. Cady, of Linn county, has decided purebred sires must be worth the difference in price. At least he has found it doesn't pay to use the cheap rams, so this year he purchased a good, purebred Shropshire, with thick fleshing, ruggedness, and the low-down, blocky type. This purebred sire will be used on his band wires thoro diagnosis, classification ing equally beneficial with livestock. of Western ewes in an effort to pro-

LIBRARY



Back at his old job is L. E. Willoughby, of the Kansas State College Extension Service. Leaving his recent position as extension conservationist to become one of 3 Kansas extension crops specialists, Mr. Willoughby returns to the duties he formerly handled for many years in Northeast Kansas. Under the present arrangement, Mr. Willoughby is the crops specialist for 37 northeast and west-central counties. E. A. Cleavinger continues at the same kind of work in 33 southeast and south-central counties, while L. L. Compton serves in 33 western counties.

duce thick-fleshed lambs that will finish out quicker and more economically.

#### Shellac Protects Ignition

By applying shellac once in a while to distributor, coil or other ignition parts, or parts which have to be dry to fire properly, we can drive the car or truck and operate tractors in the hardest rains without engine trouble. It is necessary to re-do the part occasionally as a slight break in the insulating shellac may cause trouble.—E. R. G.

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**7**5 bu.

\$700 small and bu. medium rounds

flats \$600 bu. large rounds

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FUNK breeders have developed NEW VARIETIES that have succeeded in this area. They withstand our hot, high winds. our lower rainfall and our growing seasons. Thousands of corn planters have found the

hybrid they have been looking for. We believe you, too, will want to plant only Peppard's FUNK-"G" Hybrids if you will try them this year.

You will need and want a BIG crop of corn next year. PLANT PEPPARD'S FUNK-"G" HYBRIDS. Order your needs now so that you will have an early claim on the limited supplies available.

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Peppard Seed Co.
Peppard Seed Co. Kansas City, Mo.
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Please give me name of your nearest representative
Please mail me catalog of varieties for my farm
I expect to plantacres to corn in 1943.
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# Git along little doggie



## SLEEPING DOGS MAY LIE

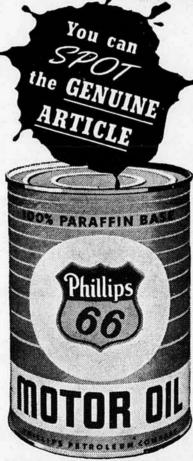
but so do some that stand upright. Yet one sniff satisfies Foxy that his little pal is a fake.

Too bad you can't just as readily smell quality in oil. Neither can you see it, feel it, or taste it. This doesn't mean that there's no way to spot the genuine article.

So here are facts to help you pick a quality oil: Phillips offers a number of oils because car owners' preferences vary almost as much as their cars and pocketbooks. But when you want our best oil, there's no need for doubt or question. Phillips speaks out plainly. Tells you frankly that Phillips 66 Motor Oil is our finest quality... the highest grade and greatest value... among all the oils we offer to car-owners like yourself.

Remember: Phillips offers quality oils and lubricants for all farm uses ... car, truck, tractor, and farm machinery. Because new laborsaving equipment is short, and the old must be worked harder than ever, be sure to watch every bearing, sprocket, and chain. Your Phillips 66 salesman knows the right Phillips oil or grease for every farm job.

P.S. Ask your Phillips salesman about the wonderful new, Triple-Action Phillips 66 Livestock Spray



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## **Livestock Advertising**

—in Kansas Farmer is read by up-to-date breeders and those who contemplate going into the livestock business. Ask us for low rates.

#### won't Fear Gas Attacks

By CHARLES H. LERRIGO, M. D.

BACK in 1917-18, I had personal experience in gas warfare. It prompts this attempt to calm fears of civilians who may be in dread of gas attacks. First, let me say that such attacks are very unlikely. Second, let me assure you that you need not be a victim, even if you are not supplied with a gas mask.

When gas warfare was common the attacking force always watched the lay of the land and the course of wind currents, for very good reasons. One is that poison gas used in war is heavier than air and stays close to the ground. The second, that it can be driven away by wind. This gives the civilian who is able bodied a good chance to get away. The plan is to seek high places that lie to the windward. Climb up. If in a house or barn, go to upper floors. Never try to take refuge in cave or basement but get up in the high places and stay until the gas is dispersed.

#### Keep Windows Closed

Says the Office of Civilian Defense: "Gas is irritating to the eyes, nose, lungs, or the skin, but it is usually harmless if one does not become panicky but promptly leaves the gas area and cleanses oneself. A soldier must put on a mask where it is necessary to remain in the contaminated area, but a civilian can go up on the second or third floor and ignore it if the windows are kept closed.

"If the gas should get on the skin, one can prevent it from doing much harm by sponging it off as quickly as possible with a piece of cloth, such as a handkerchief, and applying some neutralizing substance, followed by a thoro bath, preferably a shower, with common laundry soap and water.

"Remove all outer clothing outside the house, since gas can be transmitted to others from contaminated clothing. Put it preferably in a covered garbage pail.

#### Household Remedies Help

"Apply one of the following effective household remedies to the part of the skin that has been contaminated—chlorox or similar household bleach, for mustard gas; hydrogen peroxide for lewisite gas; paste or solution of baking soda if no peroxide or bleach is available. If one does not know the gas, use both peroxide and bleach. Keep bleach and peroxide out of the eyes.

"After entering the house, wash the bleach or peroxide from the hands with labor is difficult to find.

laundry soap and water and then wash the face. Remove the underclothing place it in a covered garbage pail and enter the bathroom.

"Irrigate the eyes with large amounts of lukewarm 2 per cent solution of baking soda—1 tablespoon to a quart of water—or else with plain water."

of water—or else with plain water."

This is not written to make light of the terrible dangers of gas warfare, for it was very deadly even in our own army. But one must bear in mind that there are many excellent reasons why gas attacks upon civilians would be very poor strategy, especially in rural areas. In cities the Air Raid Wardens are taking special courses in gas defense and special arrangements are being made for Gas Decontamination Stations.

#### Threat to Wheat Purity

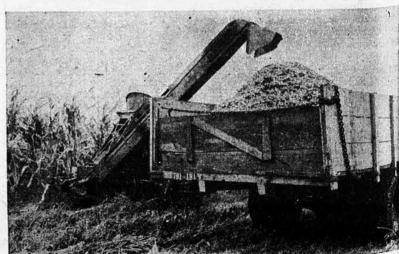
A. L. Clapp, secretary of the Kansa Crop Improvement Association, is calling on Kansas farmers to beware of rye mixtures in their wheat. Mr. Clappoints out that the acreage planted to rye in Kansas increased from 147,000 acres in 1940, to 198,000 acres in 1940 Greater use of rye for pasture and for planting on acres thrown out of wheat production is an ever-present threat to wheat purity, he declares.

Mr. Clapp says rye mixture in excess of 2 per cent is injurious to flow for bread making, and this is the basis for price and loan reductions for ry mixtures in wheat. In 1941, rye mixture was the cause of loans being refused on 307 bins in Kansas. This same trouble caused 7,282 cars of wheat to be graded down at the principal markets serving Kansas during July and August in the 5-year period 1930 to 1940 inclusive.

#### Dairymen Need Help

Giving some idea of the farm labo problem in Sedgwick county, Law rence Brush, prominent dairyman and Kansas Master Farmer, says he know of 8 or 10 dairymen who are looking for hands but cannot find them. Me Brush has searched in vain for married couple to occupy his tenand house and help with the duties on he farm dairy at good farm labor prices with younger men not in the arm clamoring for high-pay jobs in windustries, many of the dairymen at looking for older men who can do gereal farm work. But even this type clabor is difficult to find.

## Real Help With Silage Making



With farm labor growing more scarce every day, Everett Wilson, of Chase county, considers the modern field ensilage cutter one of the greatest inventions for speeding agricultural production. Seen here harvesting a heavy crop of atlas sorgo on the Clyde Littlef farm, Mr. Wilson says his machine cuts and ensiles about 12 acres in an 8-hour day.

A truck running beside the harvester collects the ensilage and hauls it in, where it is blown into the silo. Mr. Wilson figures the machine eliminates one-half to three-fourths of the labor required in filling silos by the old methods.

Last year, Wilson harvested 500 acres of feed with his machine, and he said there would be at least 1,000 acres of custom work available for him this year, but he cannot cut enough to supply the demand for custom work. Wilson estimates that 6 or 8 field ensiloge cutters are being used in Chase county this year.



January last year. Joe O'Bryan had gone there to buy only one hog—a herd boar, but Quigley's unexpected query took root.

Joe thought quickly of the difficulties he and his father W. W. O'Bryan had encountered each year in purchasing feeder pigs for their O'Bryan Ranch, in Bourbon county. Why not buy this herd and produce the feeders at home, he reflected. It would eliminate disease hazards, and the better quality pigs would make

more rapid gains.

Next day, 3 big truck loads of purebred Hampshires rolled into the O'Bryan lots. At that time the new owners didn't know hog prices would be more than doubled in 15 months. They didn't know then that this counry would be at war in less than a year, and that pork would be listed as one of the vital products. But when these developments apeared, the O'Bryan Ranch was poised for mass Production, and if it's pork that's needed, their Patriotic contribution can be measured by the

They began to realize this, and the Kansas ity market realized it too, late in May, when he O'Bryans marketed 5 carloads of purebred parrows in one shipment. The consignment inluded 243 head which averaged 246 pounds and sold at \$14 a hundred. This price was 10 ents a hundred more than was paid for any ther consignment on the market that day, and otal check to the O'Bryans on this shipment vas well over \$8,000.

In July, O'Bryans topped the market again. This time their consignment included 250 head that averaged 271 pounds and sold at \$14.40, good 5 cents higher than was paid for any others. This shipment, like the first one, was Parrows from the O'Bryan fall crop of pigs which totaled 750 head, produced in about 90 tters. That fall crop was a big increase over 30 litters produced the preceding spring but, according to Joe O'Bryan, it still was "only the beginning."

The 1942 spring crop, now on feed, includes 200 litters, totaling 1,600 pigs which will soon e moving to market, virtually by the trainoad. To step-up production even further, the Bryans saved back more than 200 gilts which are litter-mates to the 2 top shipments in market-topping barrows. These gilts are red to farrow this fall, along with older sows hich raised the 1,600 pigs this spring.

With their herd expanding to tremendous proportions while huge market shipments set record price tops, O'Bryan hog production is attracting nation-wide attention. This is partly because their operations offer such a colorful contribution to America's urgent production effort.

However, operations at the O'Bryan Ranch reveal more than dramatic, mass production of victory food. High litter averages, rapid gains and premium prices are claiming the notice of practical farmers and hog raisers thruout that area. When the 200 O'Bryan sows saved an average of 8 pigs each this spring, they set a record that almost any farmer would be proud to claim. Likewise, there was food for thought in the 5 carloads of barrows which averaged 246 pounds at 7 months; and who would object to the price premium of 10 cents a hundred?

Joe O'Bryan credits much of this success to the use of good, purebred stock. "These homeraised pigs are ready for market a month younger than the average feeder pig of the kind we can buy," he declares. At the same time, strict sanitation and careful management claim high credit in the record performances. All pigs are raised on clean ground where no hogs have been raised before. This is made possible by an abundance of new pasture available at the O'Bryan Ranch.

Hog raising operations are blended with extensive commercial cattle feeding, which forms the basis for all their present activities. Thru the years, profits from handling 2,000 to 3,000 cattle a year [Continued on Page 20]



Bourbon county.

ERY frankly, I am pretty much disturbed over President Roosevelt's latest message to Congress dealing with control of farm prices. His promise that if Congress does not give him, by October 1, the required lawful authority to fix farm prices as part of the inflation control program, he will write the necessary laws himself under his war powers, carries grave implications. The

President also promises that along with fixing maximum farm prices, he himself will also stabilize wages at the same time.

Now I realize that price controls are necessary to help keep prices down and prevent a runaway inflation. And I am sure that Congress realizes this. And I realize also, that whenever either wages or farm prices get out of line, that of itself in time will force the other

It is my hope that the Nation will be spared a fight between the White House and the Congress over which branch of the Government shall make the laws during the emergency. And I believe that the matter will be straightened out. It seems to many of us in Congress and out that the President is asking more legislative authority than ought to be given the Executive, even in wartime. But I am certain that the Congress will enact such legislation as is necessary, without such a cleavage in our government as is implied in the President's message.

Neither do I believe that present farm prices, or any farm price increases now in sight, are the factors in the cost of living that the message itself would indicate. Nor, I am convinced, does President Roosevelt feel that way about it. As a matter of fact, farm prices are still away below what they reached in World War I-and I join with the President in the hope that price levels will not rise to those heights. But I do not propose to join in any program to "roll back" the costs of this one-third to onehalf a trillion dollar war upon the farmers of the country.

Nor do I believe that is what President Roosevelt wants to do. In his message he said that maximum farm prices should be fixed at parity levels, or actual price levels of some recent date. It is my hope that Congress will speedily enact legislation providing that kind of price control-within limitations to that end written into the measure by Congress-and that this will be accompanied by stabilization of the other factors entering into rising living



costs, along lines equitable to all people in the country.

If farmers of Kansas and the United States are going to produce the greatly increased quantities of food and fiber demanded of them to provide the needs of our own and our Allies armed forces, and also the civilian populations, the farmers are going to require (1) fair prices, (2) adequate supply of farm labor, and (3) adequate farm machinery and equipment, including essential gasoline and tires.

The Kansas delegation in Congress in the last few days has taken up the matter of farm labor needs with Secretary of Agriculture Wickard, Selective Service Director Hershey, and Man Power Director McNutt. The problem of farm labor, which is being siphoned away at a terrific rate by draft boards and by high wages in war industries, is going to be a serious one by next year. Unless the drain is slowed down farm production is not going to show the needed increase next year.

Cash farm income this year is going to be the largest since 1919, from all indications. Farmers for the next few months are going to have more money to spend than for many years. It is a good time to pay off debts, buy War Bonds-both of these are hedges against the post-war time of trouble. Also, to buy those things which are available in the markets after making allowance for the very heavy taxes that are going to be levied and collected in the coming months and years.

I wish that the President's rubber committee, headed by Bernard M. Baruch, had placed more emphasis upon increasing the supply of synthetic rubber from grain alcohol, and less emphasis on nationwide gasoline rationing, as remedies for the rubber shortage. I still do not see the necessity nor the sense of imposing upon the people of the Mid-Continent where distances are so great and supplies of gasoline admittedly surplus, the same gasoline rationing as for the shorter distances and undoubtedly limited supply of gasoline in the thickly settled industrial regions.

#### Our Production Reco

AM INSPIRED by the f record industry is making the war effort. It is on a with the big job agriculture a dertook and is doing so we Agriculture is turning out 105 million pigs this year, compan to 85 million last year. A tons of milk and eggs to b the Axis. Thousands upon the sands more acres of oil cro

The list is long and important, and our far are meeting every goal with some to spar Agriculture also is practicing economies transportation, use of equipment and management ment that mean much to the war effort. I very proud of this outstanding record of p duction established by agriculture and by Ka sas farm people.

In industry we find that great factories but for peacetime production, tore out machine and completely re-equipped for war work in little as 30 days. Whole plants have been b and tooled in a few months, so the producti our enemies called fantastic not only has be met but in many cases is well ahead of sche ule. We all know how important bombers a in beating the enemy. We are ahead of schedu on bombers. That is the word from Automotiv War Production.

And the well-known assembly-line produ tion has effected some striking economies. A tomotive engineers have found production short-cuts, have simplified manufacturing proesses and have eliminated waste in this production, just as they worked for efficient and economy without the sacrifice of quali in peacetime. Shaving off a penny here a another there thru efficiency, they have cut the price of one military unit by \$1,000. On a s ond order for bomber wings, efficiency cut the price to Uncle Sam by 50 per cent. One gu which cost \$1,200 to make 18 months ago no comes to us 132 million taxpayers for near 40 per cent less. Time of manufacture has be cut as much as 75 per cent in some cases. C tain aircraft parts have been reduced 30 to per cent in cost because they are in mas production.

I believe farmers, with their fine record performance, can feel a certain kinship w these masters of industry who are doing su a magnificent job of turning out war equipme that will simply bury the enemy in defeat. The is some of the good information that we can to balance the bad news we also must take.

Washington, D. C.

## Also a "Floor" for Farm Prices

By CLIF STRATTON Kansas Farmer's Washington Correspondent

ASHINGTON, D. C.-Laving are to be under laws passed by Congress, or thru edicts from the Executive, or thru Executive regulations within limitations set by Congress, 2 sentences in President Roosevelt's message to Congress on inflation controls probably give the cue as to what may be expected in the way of government-fixed farm prices.

"The purpose," President Roosevelt told Congress, "should be to hold farm prices at parity, or at levels of a recent date, whichever is higher."

And further on in the same message:

aside the issue raised as to time give consideration to the advis- authority to fix farm prices—he will price—of July 15, 1942, the farm prices whether farm price controls ability of legislation which would place take care of "stabilizing" wages him- on 22 principal farm commoditions. er prices of form pro ... guarantee to the farmer that he would receive a fair minimum price for his product for one year, or even 2 years-whatever period is necessary after the end of the war."

There is considerable feeling in Congress as a result of the President including in his message the blunt statement that if Congress does not give him farm price control authority by October 1, he will take that authority on his own responsibility.

Also, the President informed Con-

"I recommend that Congress in due gress, all he wants from Congress is prices at parity or the level-fall

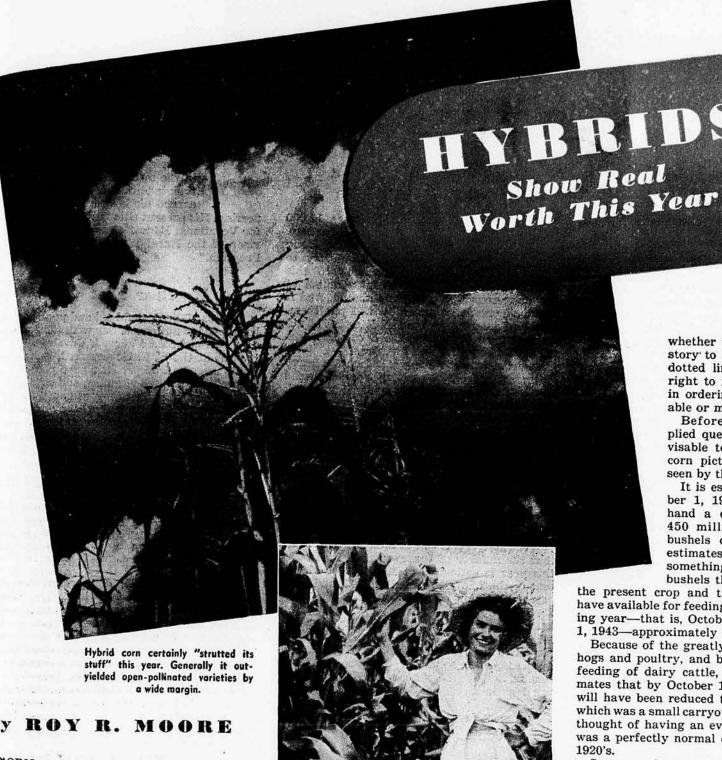
gress will do, but it is one of the possibilities that the Congress will adopt the "purpose" as expressed in the message, and grant authority to the President to fix farm prices-"at parity or at levels of a recent date." And include also express authority and perhaps direction to "stabilize" wages as of approximately the "recent date" designated for farm price levels.

If, for example, Congress should authorize the President to fix maximum

the higher of the It is too early to predict what Conlisted in the August issue of The Arress will do but it is one of the poscultural Situation, published by Department of Agriculture.

If a floor is placed, in accordance with the President's suggestion is "later legislation," the best guide is commodity loan program, which present is based on 85 per cent of party—might be made 85 per cent prices at certain date levels for commodities not at present under modity loan program.

(Continued on Page 18)



YORN growers of the country are facing bigger problems this coming season—referring to 1943, of course—than arguing over the advisability of planting hybrid seed

With Kansas' fine crop already past the danger point as far as moisture is concerned, but with some uncertainty as to whether the ate-planted fields will escape frost before maturity, there isn't any argument that the hybrids really got a chance to strut their tuff this year. Blessed in most localities with plenty of rain at about the right time, they will Outyield the open-pollinated varieties by a <sup>00</sup>dly margin and will have justified the added nitial seed cost with handsome profits for the

It strikes me that too much stress has been laced on the drouth-resistant qualities of hyrids during past years. Many a grower became iscouraged when his hybrid field finally gave the ghost under successive days of sizzling eat with the thermometer jumping beyond he 100 degree mark.

Certainly the plant experts of the major ommercial hybrid seed companies have given plenty of study and really have developed va-leties that will stand drouth longer than openpollinated varieties, but today none are so rash as to promise a breed that will take heat in-lefinitely.

There are many signs that the dry cycle which cursed the Midwest in the thirties has un its course and that normal weather for orn can be expected. Farmers who watched reek and river valleys full to overflowing with oods this summer probably will subscribe holeheartedly to this statement.

whether this isn't a slick sales story to get your name on the dotted line early. You have a right to feel that maybe haste in ordering seed corn is advisable or maybe it isn't.

Before answering that implied question, it might be advisable to go into the general corn picture for next year as seen by the crop experts.

It is estimated that by October 1, 1942, we will have on hand a carryover of between 450 million and 500 million bushels of corn. The present estimates are that we will raise something above 2,600 million bushels this year, so, including

the present crop and the carryover we will have available for feeding during the next feeding year-that is, October 1, 1942, to October 1, 1943—approximately 3 billion bushels.

Because of the greatly increased number of hogs and poultry, and because of the heavier feeding of dairy cattle, the Department estimates that by October 1, 1943, the carryover will have been reduced to 200 million bushels which was a small carryover before anyone ever thought of having an ever-normal granary. It was a perfectly normal carryover back in the

So we are feeding about 300 million bushels more corn in the next marketing year than we

are producing this year, and we will have a carryover far too small for safety.

Then, too, the Government is likely to ask for a further in-[Continued on Page 21]

Below, Eli Wilson, of Douglas county, near Lawrence, admires 2 fine hybrid ears from a field of corn that will average close to 100 bushels an acre.

With young men gone to war, many commercial hybrid seed companies used young women during the detasseling season. This lowa girl is one of a crew of 30 women who were busy in a field near Coon Rapids, Ia. The field superintendent says they were just as efficient

as the men.

Don't save seed from this year's hybrid field. Picture in circle shows what may happen. Ears irregular, stalks of varying height, and yield will not be as good as open-pollinated. It certainly will not compare with original hybrid.

If you have been growing corn, you likely will have had a chance, or will have very shortly, to tell the dealer in hybrid seeds about your requirement for next year. He has probably suggested that you place a reservation

You will have remembered that he made the same suggestion a year ago and you are beginning to wonder



ASHINGTON has taken official notice, you may be sure, of the fact that farm income this year will reach a new high. Also, that more farmers than ever will pay income tax—"pay day" comes in March, 1934. This will be true because income is higher, and also because personal exemptions are most likely to be lower. In "The Agricultural Situation" which is

published monthly by the Bureau of Agricultural Economics, it is pointed out that:

Income tax returns call for "provable" statements of facts. For farmers who have not kept books, but who expect to have enough income to require reporting, now is not too soon to start developing a record for use next winter. Farmers who have kept no formal books and who are reporting for the first time, must report on a "cash basis." They must report actual receipts and expenses in cash for the farm business. In addition they must develop a depreciation plan covering farm buildings, improvements, equipment and other items representing capital investment. Income means all cash received during the calendar year plus the cash equivalent of anything received in exchange for farm products. . . Memory alone is usually a poor basis for an accurate report.

Apparently everyone is in for pretty stiff taxes because Uncle is running a quarter-trillion dollar war. And you can bet your bottom dollar he is going to dig into every nook and corner to turn out every possible nickel.

#### **Heading off Trouble**

THERE will be plenty of "scares" in the fu-ture so long as war lasts, but this isn't in that class. Rather it is a sincere call for vigilance in heading off anything that might interfere with livestock production. With greatly increased output the entire livestock industry is under high pressure. That very likely will develop a great many "normal" troubles or "natural" risks. But it isn't far-fetched to consider the words of a Canadian neighbor who says his country and ours alike not only must guard against ordinary troubles that might develop, but that we must exercise constant watchfulness against possible introduction of foreign livestock plagues under deliberate sabotage as a war measure.

#### Our Kansas

By ED BLAIR Spring Hill, Kansas

The some may get quite restless here, In Kansas, And fume and fret and sweat from fear, In Kansas.

Those who have spent a life almost, And visited from coast to coast Return a-shouting and still boast Of Kansas.

Tis plenty big with room for more, Our Kansas. The fellows trying hard will score In Kansas. You'll find folks too, who do not fear To work all day, minds calm and clear, In homes they own with good schools near, In Kansas.

Oh! yes, the sun's still shining bright In Kansas. 'Tis raining too, just coming right In Kansas. So if you have the pep to try And from hard work are not too shy, You'll find good neighbors living nigh, In Kansas.



Fortunately, this nation has some 12,000 trained veterinarians on which to call for help. They consider it their responsibility, along with the U.S. Bureau of Animal Industry, to control livestock diseases common to this country, and to prevent the introduction of any dangerous new ones from abroad. And if livestock producers generally will put themselves on sentry duty for the detection of unusual disease conditions, the livestock industry should be pretty well guarded.

Veterinarians are being called on for heavy duty giving technical assistance to the armed services; detecting new or unusual livestock diseases and conditions; promptly reporting disease outbreaks to state and federal officials; and stamping out small centers of disease before they can spread, among other things. Their efforts are batting about 100 per cent in

the Victory drive.

#### The Turkey Parade

WHILE reading the turkey story on page 15 of this issue, it will be interesting to know that the number of turkeys raised in Kansas this year is estimated at 1,064,000 or 92 per cent of the 1,157,000 raised in 1941, and compares with 642,000 for the 5-year average 1934-38. You may recall that weather in late spring and early summer wasn't too good for poults and the loss was higher than usual. Feed is plentiful, turkeys are making good gains, and marketing may be earlier than usual-11 per cent in October, 55 per cent in November, 30 per cent in December, 4 per cent later. The U. S. will raise 33,786,000 turkeys this year, a 1 per cent increase over last year, but a 1 per cent drop from the 1940 record crop.

#### That Old Light Plant

Power line expansion in recent years has left idle on farms many individual electric plants, Uncle Sam believes. The U.S. Army Signal Corps informs us the Army needs such small electric outfits for operating communication equipment, especially at remote bases. The Signal Corps needs 110-volt or 220-volt alternating current plants including engines and generators with capacities of from 500 watts to 25 kilowatts or larger.

If you have as ything in this line to sell get in touch with the Signal Corps and give the following information: Owner's name and address, location of plant, date of purchase, manufacturer, model number, capacity, type of engine, condition of plant, repairs necessary and

parts needed.

#### "How to Do It" Head

WE WANT you to be well acquainted with M. R. Wilson, who is in direct charge of this state's program for giving practical mechanical training to Kansas farmers, as described in the story which starts on the cover page of this issue. He is a genuine, practical mechanic by inheritance, experience and training.

Mr. Wilson grew up in the implement business, working with his father who was an implement dealer in Russell county. In later years, he opened a garage of his own, and spent several years doing general repair work on automobiles and tractors, before being called for World War I.

After the war, Mr. Wilson entered Kansas

State College and was graduated in the division of engineering. Then he spent several years as instructor in a trade school at Chanute, after which he was named as instructor in charge of farm shop skills and methods at Kansas State College,

During his years as an instructor in the mechanical field, Mr. Wilson took additional college work and earned his Masters Degree in engi-

neering. His present title with the State Board for Vocational Education is "Assistant Supervisor of the Rural War Production Training Program."

#### We Hear That .

Success: Dehydrated beef and pork soon can be shipped to nations at war with the Axis, and to our armed forces abroad. Developed at the request of the U.S. Government, dehydrated meats are about 55 per cent pure protein; are natural sources of B vitamins, and other essentials. Big point is that they will save shipping space. Are "reconstructed" by the simple addition of water, and made into meat loaves, stews, soups, patties, are tasty and flavorful. In emergency meat flakes may be eaten without prep

Dry Meat: The U.S. Department of Agriculture has announced its first purchase of dehydrated beef for United Nations' fighting men and wartime needs. This order was for 80,000 pounds. The meat dehydration program is designed to reach a 60-million-pound annual capacity by the end of October, 1942.

Idle Acres: About 193,000 acres of farm land likely will be idle in Kansas in 1943, compared to 52,000 this year, with abandonment about 52.2 per cent due to selective service, 35.2 per cent to war industries, and 12.6 per cent to other causes such as shortage of farm machinery, according to H. L. Collins, federal statis tician at Topeka. It looks like there will be about 3,600 idle farms for Kansas next year, compared to 900 this year. War is what Sherman said it is.

Oil Bargain: Provisions of purchase agree ments recently concluded between Brazil and the United States for 2 vegetable oil-producing crops, castor beans and babassu kernels, have been announced. U. S. officials say this will as sure us additional stocks of vitally needed vegetable oils. All of which emphasizes the need for increased acreages of oil-producing crops in this country.

Tires: Purchasers of "barefooted" farm trac tors—new and rebuilt—and implements will be able to get casings and tubes for them if the meet certain conditions. Local rationing board may issue original equipment certificates when the buyer submits an affidavit from the selle setting forth a satisfactory reason for delivers without tires and tubes. Mere change-over from steel wheels to tires does not come under this ruling.

## KANSAS FARMER

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Mrs. Henry Farnsworth Poul
Jesse R. Johnson Livestock No

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One year, 50 cents; three years, \$1.

#### **Peak Livestock Movement**

Must Sandwich in Between War Materials

By EARLE G. REED

NTICIPATING the largest market-A way movement of livestock Westrn America has ever experienced, the ailroads of the west are inviting the ctive interest and co-operation of the ntire livestock industry to properly andle this traffic.

With the kind of helpful co-operaion that is assured by all it is fully beeved railroads will be capable of adeuately handling this peak of livestock hipments, altho the movement may e somewhat slower than in previous ears. A great volume of war mateials with prior right over everything is ow moving on the rails.

No condition has ever before aproached that which is now faced by ailroad transportation. In the interest f the conservation of man power, notive power, equipment and comnunications service and of obtaining he maximum results in the handling f men, munitions, materials and war quipment, livestock shippers must end every possible effort and give full onsideration to the tremendous transortation task at hand. Livestock novements cannot and will not be ormal, or "as usual," under the presnt conditions but livestock men can lo much to help the situation.

#### Are Short of Help

Railroad stockyards as well as erminal market yards are operating vith new and inexperienced help, freuently too shorthanded to get the job one as well or as quickly as it was ormerly done. But they can and will et along. These are the kind of stocken and the kind of railroad men who an do more with less and do it better an it has been done.

Remember that railroad facilities for andling livestock have been decreased n the last few years as ever-increasing roportions of the livestock moved to narket by truck. In 1924, there were bout 86,000 stock cars available on he railroads of the United States. By 941, this number had decreased to 53,-00. In 1917-1920 the railroads were andling nearly 2,000,000 cars of livetock annually. Recent years have seen s than 700,000 cars loaded on the nes. Livestock yards, pens, alleyways, cales and other facilities used at counry loading points have been allowed to eteriorate or have been abandoned ntirely because of non-use, particuarly in those areas from which live-tock transportation has been diverted

to trucks. These former facilities cannot be used now nor be rebuilt or repaired in time to be of any value this

The railroads can only increase the volume of livestock hauled by about 10 to 15 per cent during the heavy marketing months of September, October and November. October is usually the month of heaviest livestock shipping and greatest demands upon the railroads for the movement not only of livestock but also of many other agricultural and manufactured products, coal and oil.

Remember also that livestock cars usually move one way loaded and one way empty back to the country. This

on transportation when the movement of stock cars to market is concentrated in the period from Friday night to Monday morning in order that shippers may be on the Monday market. Any day of the week is a market day at the terminal markets.

For the first 7 months of this year the livestock loaded by all railroads increased 46,221 cars, or 15 per cent over last year. For the 3 months of May, June and July the increase in cars loaded was 11,878 or 8.8 per cent above last year. The 8 western railroads that originate most of the livestock had a 3 month increase in livestock loadings over the same period last year of 5.785 cars or 8.7 per cent. During the first 2 weeks in August these same 8 western railroads had an increase in loadings on line of 2,802 cars or 31 per cent over last year, while one road alone had a 35 per cent increase in stock cars loaded.

Heavy livestock marketings in one short period of about 3 months in the empty back haul puts a heavy burden fall places tremendous strains upon

transportation, markets, processors, dry- and cold-storage plants, and taxes all the facilities of the country to the utmost. Ordinarily the business can be successfully handled thru such peak movements, but with the present war situation the utmost in services of all kinds is being required for our armed

#### Origin of Balbo

Balbo, being much the earliest variety of rye, is especially useful for sowing in late summer in order to get a quick pasture for fall use. Balbo rye was developed by the Tennessee Experiment Station, and because the seed had an Italian origin it was named for Balbo, the leader of the Italian mass flight of airplanes to the United States some years ago. Balbo rye was first exploited in Missouri, and was readily accepted because of giving early fall pasture. There is not much difference between this variety and others, except in earliness.

## MORE THAN HALF OF ALL THE

As of September 15th

# Hybrid Seed Corn

## Available for 1943 **Planting Had Already Been Ordered!**

A wide range of PIONEER Hybrid varieties and kernel sizes are still available ... however. IMMEDIATE ORDERING IS **EXTREMELY IMPORTANT!** 

See Your Local PIONEER Sales Representative AT ONCE!

## **GARST & THOMAS**

HYBRID CORN COMPANY COON RAPIDS, IOWA

#### ivestock Bulletins

As many important problems confront livestock producers, especially beginners, at this time, we have selected these timely and helpful U. S. D. A. bulletins to offer readers.

No. 1-Ways to Save Young Livestock.

No. 909—Cattle Lice and How to Eradicate Them.

No. 1017—Cattle Scab and Methods of Control and Eradication.

No. 1155—Diseases of Sheep. No. 1167—Essentials of Animal Breeding.

No. 1549—Feeding Cattle for seef.

No. 1600—Dehorning, Castrat-ing, Branding, and Marking Beef Cattle.

No. 1787—Internal Parasites of Swine.

These bulletins are free and may be ordered from Bulletin Service, Kansas Farmer, Topeka. Please print your name and ad-

# Turn in your JUNK

Your country needs it now



Farmers have already responded generously to America's call for scrap iron and other Junk.

But that is not enough. There still remain on the nation's farms-in fence corners and gullies-in weed-grown piles-millions of tons of Junk which is not doing its part to help win the war.

Just think—one old plow will help make 100 armorpiercing projectiles

- —an old pail will make 3 bayonets
- an old hand cornsheller will make three 1-inch shells

Scrap iron and steel-other metals and anything rubber-Manila rope—burlap bags— -they are all needed at once.

The Junk which you collect is bought by industry from scrap dealers at established, government-controlled prices.

The steel that goes into farm machinery is just about the finest quality of steel there is. It may be broken and rusty but it is just what the war factories need for guns, tanks, aircraft carriers, submarines and other implements of war. Half of the steel for these things is made from ore out of our great iron mines, which are already working to full capacity. The other half must come from scrap.

If you have been keeping old machinery for the parts (gears, nuts, bolts) it may provide, strip it now of those parts and turn in the useless remainder for war production.

Throw YOUR scrap into the fight!

This message approved by Conservation Division

#### WAR PRODUCTION BOARD

This advertisement paid for by the American Industries Salvage Committee (representing and with funds provided by groups of leading industrial concerns).

## **How Fruit Turned Out**

By JAMES SENTER BRAZELTON

FRUIT men in Northeast Kansas 1½ cents over the customary prior Warren Stricker, one of the larger year. The season started with a bumper crop of strawberries for which there was no market, because, just at picking time, consumers did not know whether they were going to be able to get canning sugar. By the time rasp-berries and blackberries were ripe the sugar situation had been cleared up and these crops brought good returns, blackberries selling for the unheard-of-price of \$2 a pint crate. Altho only a few growers have gone in for Boysen-berries commercially as yet there was a steady and constant demand for this new crop that extended over a long period. These were marketed in pint crates and brought \$2.50 thru most of the season.

Tomato growers have fared better this summer than they have for several seasons. The price held steady at 75 cents a third-bushel basket thru the early part of the season until shippers found it necessary to stop buying on account of a glutted market. When buying was resumed the price was dropped to 50 cents where it stayed for the remainder of the season. A large cannery at Nebraska City set up buying agencies thruout this section. Tomato growers have been most appreciative of this for it has enabled them to get rid of their ripes which otherwise would have been wasted. The cannery bought these ripe tomatoes at the rate of about 75 cents for 100

#### Ripened All at Once

The grape crop, just harvested, was a headache for everybody concerned. Due to so much wet weather the grapes ripened early and all at once. There was such a flood of grapes that the shippers had difficulty locating enough trucks to handle them. The usual markets soon became overstocked. The grapes were so turgid with water they cracked badly; the weather was hot, and on reaching their destination mold had developed in the cracks. Shippers had to take a loss on this account and, of course, the price to the grower dropped. Concords started out at 16 cents for a 5-pound basket but in just a few days had dropped to 12 cents. When the market glut was at its peak shippers refused to receive grapes at any price for a few days. This allowed the grapes still on the vines to ripen more and also to crack more for another spell of rainy weather had set in.

Growers who had Moore's Early grapes fared much better, for these brought 20 cents a 5-pound basket. But comparatively few Moore's Early grapes are raised here. The early grapes always bring a higher price than the late ones so it is surprising more of these are not planted. Perhaps the reason is because they do not bear quite so heavily. The cost of cutting grapes this year was from 2 cents to 2½ cents a basket which is from 1 cent to 11/2 cents higher than the usual wage paid. Growers bought their baskets for 41/2 cents each this year, an increase of

Warren Stricker, one of the large grape growers in this section, is slate for a talk on grapes at the coming annual meeting of the Kansas Sta Horticultural Society at Manhatta December 3 and 4. Just what phase this subject Mr. Stricker will discu this writer does not know. But we know he holds the opinion common most grape growers in this section that grapes have reached the satura tion point here, and for the financi welfare of everybody concerned a more should be planted at this time The only thing that would justiff further plantings would be the estate lishment of a processing plant for making grape juice. To avoid such market congestion as was just ex perienced Mr. Stricker has long advo cated controlled cutting, or some some of a system whereby each grows would be allowed to market a restricted number of baskets each day. It is h idea that allocation of daily cutting be prorated among the growers as cording to grape acreage, either by the shippers or by a growers' association

#### The Jonathan Came Thru

set up for this purpose.

As this is written harvest of th Jonathan apple crop is just beginning This has been an especially good year for this particular variety and then promises to be a heavier yield than wa at first anticipated. The Jonatha seems to have withstood the 194 Armistice week freeze better that other fall and winter varieties. Much rainy weather during the final ripening period has helped to prevent the usus heavy drop that generally occurs just before picking time. A few growen applied the expensive hormone spray in an effort to make the apples stick or longer. Because of a critical shortage of apple pickers a picking season much longer than usual is anticipated.

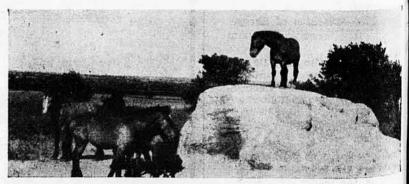
To relieve the labor shortage her the U. S. Employment Service has se up temporary offices at Wathena and Troy. The wage paid for picking apple varies from 6 cents to 8 cents a bush depending upon whether the apples and thin on the trees or are hanging thick The Government is demanding a large quantity of vinegar and the federa food and drug authorities have cracke down with the ruling that no decays or wormy apples may be used for cids and vinegar. This will force the manu facturers to demand a higher grade fruit. This grade can easily be markets thru the regular trade channels this

#### His Best Pasture

Harvey Bechtelheimer, owner of high-producing Holstein herd in Nt maha county, has found that brom grass and legumes provide an excellen pasture crop for dairy cattle, Mr. Bech telheimer has one brome grass pastuff with alfalfa and several clovers grow ing in it and this pasture is one of the best he has ever had.

K m ge m se co

## **On Sentry Duty**



Possibly he was on lookout duty, or maybe he was just eager to find a cool breeze, but this horse was "up in the air" about something when a Kansas Farmer reporter happened along the road. Picture was snapped along Highway 99, in Greenwood county-

## From a MARKETING Viewpoint

George Montgomery, Grain; Peairs Vilson, Livestock; Franklin L. Parns, Dairy; R. W. Hoecker, Poultry.

I am a farm tenant and am thinking buying the place I am farming. Do ou think this is a good time to buy and? -G. M.

Land values in general have gone up nly slightly in recent years compared ith prices of farm products. If the et income from farm land in 1942 ere capitalized into land values, the esult would be a much higher present elling price for this land. On the other and, it takes many years for the inome from most land to pay for itself. he net income in the years ahead may ot be so large as now. This may be a ood time to buy land if the price is in ne with the normal earning capacity f the farm, and if a substantial cash wn payment can be made.

What is your opinion concerning the rosit outlook for the deferred feeding rogram during the coming year? Then should feeder calves be bought or this program this year?—H. C. M.

Price ceilings on beef have reduced e margin between prices of the difrent grades of slaughter cattle and etween prices of feeder cattle and aughter cattle. This situation makes highly important to get cheap gains tho a high degree of finish may not eso important. The deferred feeding rogram fits this situation as well as better than any other program for any producers.

It may be well to wait a few weeks efore purchasing feeder calves. Some ownward adjustment in feeder cattle rices seems probable later this fall. mal rates of gain.

Good to choice feeder calves probably will decline less in price than some other classes of feeder cattle, but there still might be some advantage in wait-

When would you think the best time to have grain-fed cattle on the market this fall? -A. W. R.

Grain-fed cattle are expected to sell at relatively steady prices from now at least until December, unless price ceilings on beef are changed or ceilings are placed on live cattle. All indications point toward a smaller supply of meat, particularly grain-fed cattle, than will be needed by the armed forces, Lend-Lease, and civilian consumers. This will tend to hold cattle prices near the maximum possible under the ceilings on beef prices. Since the price spread between grades is relatively narrow, there is little premium for well-finished, grain-fed cattle. In other words, it probably would not pay to carry cattle to an excessively high degree of finish.

I have some Plymouth Rock cockerels weighing 31/2 to 4 pounds. When is the best time to sell them? -W. E. M.

When all costs except labor, rates of gain, and seasonal prices are considered, greatest returns above costs usually will be obtained by selling the cockerels between September 10 and 20. This is the best time to sell all cockerels hatched after April 1. If the cockerels were hatched any time before April 1, the greatest returns above costs would have been obtained by selling the birds when they weighed 31/2 to 4 pounds. These figures assume nor-

## HANDY IDEAS

#### looting a Cutting

The easiest way to root a woody cutng is to sharpen its stem end and ick in a small potato. Then bury in and and it will supply all the moisture shoots require.—Mrs. O. E. W.

#### an Sprinkles Flour

I find that a baking powder can with Lespedeza Haying Easier all holes in the lid, filled with flour, and placed on or near the stove is conenient for thickening gravy or makg sauces. This may also be used for ouring meats and the breadboard. rs. Ocie Chilton.

#### eady for Fence Fixing

The frame of an old buggy or spring agon that is no longer used can kept loaded with fence-repairing uipment and be ready for quick serve.-R. H. W.

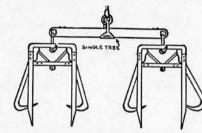
#### atch the Plaster

Any man can do a good job of patcha large break in a plaster wall if follows this procedure. In case the h under the plaster is broken, reve the broken portion and cover th a piece of screen wire. Remove the broken plaster and wet the sur-

#### ariety in Rugs

complete directions, with illustrations for making hooked, woven, crocheted, braided or knit rugs are contained in our Kansas Farmer leaflet, Homemade Rugs, by Madonna Fitzgerald. Instructions for making mats, footstool tops and chair seats are also given. For a free copy of the leaflet, please address a post card to Bulletin Service, Kansas Farmer, Topeka.

rounding edges to allow the patching material to bind well. Altho it is best to buy regular patching plaster, obtainable at any hardware or paint store, a mixture of plaster of Paris and water will be adequate if one works rapidly as the plaster of Paris sets quickly.—Mrs. C. B.



When haying lespedeza I had trouble getting my hay fork to pick up a big enough bunch of hay so I took my hay fork off the rope and fastened a singletree to the rope and hung a fork on each end of the singletree. I put a trip rope to each fork, stick both forks at once and set them in at the bottom like illustration.—C. C.

#### Keeps Water Warm

I solved my poultry watering problem during zero weather last winter by making a water heater out of an old oil stove. I took all the pipes, tank and just the tin frame work of a 3-burner, legless oil stove. I bent the top of an old 50-pound tin lard can down enough to get it inside the oil stove and under the middle hole. I set an incubator lamp in the lard can and lit it. Then I set a half bushel bucket of water over this and with the lamp set as low as possible the water stays warm all day. It takes very little coal oil, too. My hens kept up their egg production very well all thru the cold winter weather.—Mrs. Louis Soukkup, Ellsworth Co.

## MEN WANTED. Start Immediately • EARN from \$150 to \$300 a Month .

Costs you nothing to get full particulars about this offer. Good territory now open in Midwest farm belt. Many of our men average over \$300 a month. You can do as well.

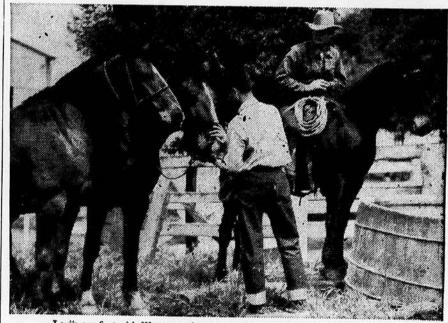


Write to:

No investment required. We train you. Earnings start immediately. You need a car and must be free to travel. Work is pleasant, profitable and permanent. Good opportunities for the right men.

Roy W. Wohlford, Capper Bldg., Topeka, Kansas

## **MORE KANSANS SWITCH FAMOUS OVERALLS!**



evi's are first with Westerners because they last longer! Over 49,000,000 pairs ave proved their strength on ranches, farms—at rodeos, mines, lumber camps, have proved their strength on ranches, farms-

#### ONE PAIR OF HEAVY-DUTY LEVI'S TAKES PLACE OF BOTH WORK-PANTS AND OVERALLS!

Something's happening here. More folks than ever are changing to Levi's, the famous Western waist-overalls... favorite since 1850 with farmers, rodeo champs, cowboys, lumbermen, miners. Why? Because these overalls fit-they're made for action. And they outlast ordinary kinds. Prove it? Sure! They've got to be good with a record of 49 million pairs sold! Ask your home-town merchant for Levi's!

#### WHY LEVI'S ARE AMERICA'S FINEST:

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- 2. So strongly stitched you get "a new pair free, if they rip"!
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MONEY BACK GUARANTEE: LEVI'S will wear longer—you'll like their "action-fit" better than any other overall made. Our 90 years' leadership enables us to say: "YOU have to be satisfied, or your dealer will give your money back"!

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CITY

Nothing quickens the pulse like planning your clothes for a wedding, and why not, for it's just about the biggest event in any girl's life—man's, too, if he's honest enough to admit it.

Combining beauty with the practical, the furlough bride who needs must make her plans in a hurry and often do her buying even faster, selects a pretty costume that will be flattering for her wedding, and will be wearable later. Such a dress is this gray-blue woolen with self-material flowers appliqued at the neckline.

The jacket is the top to a matching suit—skirt and jacket—a doubly practical idea as both skirt and dress are apt to wear out before the jacket does, and so these 3 pieces will serve successfully for many months, which is something to consider when good clothes bought now may have to see one thru the duration. The jacket has a dyed-fox collar in a bluegray shade, which blends beautifully with the color of the suit.

New and perfectly precious is the chenille hat and muff set, in tones of blue. The muff makes a good background for a small bouquet. Clipped to her dress, the bride wears gold roses with brilliant-set stems and leaves, and on her finger sparkles her diamond engagement ring.



but she manages a pretty wedding. Her soldier, sailor or marine may be here today and gone tomorrow—for that's the way of the service—so if they've decided to be married now and not wait until "Johnny Comes Marching Home," she may have to rush her preparations. She, nevertheless, wants to be married in the traditional manner, and she will leave off only those frills that cannot possibly be accomplished. No matter how hurried, her wedding must be as nice as can be managed.

Only about half of this year's brides are being married in the "satin gown with veil" manner. The other half are content with dresses of varying formality, or with suits, which is what one would naturally expect these wartimes. Because so many girls are earning their own money, they are buying very nice dresses and trousseaux, but they are by no means being extravagant. They give attention to the smallest detail, and they plan both costumes and wedding just as they would have it if there were no war. Then, time allowing, they carry those plans to the last detail.

For many of the daytime weddings, streetlength dresses are being selected, and this fashion is expected to increase as the autumn advances. The majority prefer a fairly light color, a pretty shade of blue, of green, russet, gold, even purple is suitable and smart. Beige with contrasting accessories is another favorite. There are costumes of dress with jacket, of dress alone, or suits with a soft feminine blouse. They are all dressmaker in type, but simple in line, depending on their accessories for the "bridey" look.

#### If You Wear a Hat

There are exquisite, feminine and flattering hats to decorate your wedding costume, and they may be ensembled with your other accessories, perhaps making a pretty contrast with your dress or suit. Most hat colors are fairly bright or light, and so they will set a good keynote for your gloves, blouse and perhaps your bouquet. You may change to simpler accessories for going away. Flowers are increasingly important as a decorative note, as well as simply being the traditional thing. Corsages, tiny muffs of flowers, small bouquets to carry, are all lovely with street-length costumes.

Attendants usually wear dresses of the same general type as the costume of the bride, but in a different color. They make the most of pretty hats, of colored accessories, and of harmony in the color of their flowers, too. Many lovely color schemes can be worked out in this season of color, when flower colors and the rusty tones of autumn are found in the costumes.

#### And Now About Rings

In wartime it is always a taken-for-granted conclusion that most bridegrooms are in the service. These war days we are finding so different in many, many ways, are different in this respect too, for about 60 per cent of our marrying young men are in defense work, so the figures tell us. With more money to spend, men are naturally more matrimonial-minded. Then with the added probability of being called to the colors at any moment, even for these skilled workers, if the girl is willing—and she usually is-the wedding date is speeded up, for there are few if any vacations in defense plants. Even all service men do not have to depend on Uncle Sam for their money. With this greater buying power we find there's been a land-office business done by jewelers in engagement and wedding rings. The favorite be-throthal ring is the diamond with one centerstone and flower engraving. The gardenia and apple blossoms are favorite flower themes. Haven't you noticed the unusually large number of girls wearing these emblems of some special man's priority rights?

Come the wedding day, the bridegroom will probably slip a wedding ring on his bride's finger that matches the engagement ring. The set may include 3 rings, in fact, as the bride may give the bridegroom a wedding band to match her own—"marking her man," a distinction most men seem to enjoy and none resent.

#### Weddings Call for Flowers

It is also the business of the bridegroom to supply the flowers. However, it is the bride who plans them, and she must give him the complete details, especially if he is in camp or employed at a distance and must send flowers by wire to coincide with his arrival. There are many lovely blossoms that can be combined at this season, in unusual and lovely arrange ments, and it is well to consider the whole gamut of possibility before you make your selections. Whether the bride chooses to carry a huge arm bouquet, tulle or ribbon tied, of to wear a corsage of rosebuds or gardenias or most exotic, a single orchid—depends entirely on the bride. The florist will have sugges tions, too, so the bridegroom can telegraph flowers and be sure they will be beautiful and right.

Whether the bride is married in a street length suit, or in a long dress of a deep pastel, she wants the wedding to be in the right setting. If it is not in church, she reserves some of her budget for decorating her home or a hotel suite prettily, and in colors to make a back ground for the costumes of the wedding party. She may even carry out regimental colors is background and bouquets, if her fiance is it the service. She conducts the whole affair with planning and prudence, in this year of was spending her money wisely, but having pretty wedding, too.

#### Eat It—and Like It

MRS. R. S. C.

My two children were given to unerstand, from the very first, that they nust eat what was served them or do vithout. If they began to whine, Mother, I don't like this, or that," I eplied, "Very well, if you don't like ur food, leave the table." It wouldn't e long until the little rascal would be ack, eating the very thing he had obected to so strongly. Sometimes when hey stayed away from the table too ong, their father would remark to the est of us: "Pass me some more of that good custard—isn't it fine today?" his aroused their curiosity and the augh that followed would seem to put hem in a good humor again.

One of my children formed a dislike or lettuce and other greens. I found hat if I ground it fine and mixed it with the salad dressing that he would at it with relish, where before, he idn't care for the lettuce leaves.

Children like to be noticed and ampered, but it is a good idea to quelch this habit while they are small. hey'll be haprier, better adults.

#### No More Burned Fingers

MRS. R. A. ZELLERS

I sometimes wonder which is used e most for lifting hot dishes and pans the corner of one's apron or a hot potolder. Certainly in an emergency the pron corner is the first upon the scene there's no time to spare in hunting and reaching for a hot pot-holder. And you are lucky and nimble enough to et that corner nicely "bunched up" here will be no burned fingers. But I ave found it is a good idea to be fully repared. So upon the back of each pron, right down in the corner, I sew small bias-tape-bound pocket, just rge enough to hold a neat pad. It akes but a jiffy to remove the pad then washday arrives and no more urned fingers when there's no time to ach for a holder!

#### lictures in the Kitchen

Mrs. J. A. Weaver, who lives 2 miles outh of New London, Mo., reserves ne small section of wall space directly ver the sink in her kitchen for pic-

"To me a kitchen is somehow inomplete," she explains, "without pic-ures. One at a time, of course. For I hange my pictures at least once a onth.

"There's nothing particularly origi-al in my plan," she modestly says, Nature changes her landscapes every ay, you'll note if you are a close ob-erver. And she makes a radical shift

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Just think! You get one of these attractive Fiesta-Colored Bowle with your purchase of 2 packages of Miller's Wheat Flakes. Choice of 4 colors Just right for serving delicious Miller's Wheat Flakes . . the cereal with "wake-up flavor."

YOURS TODAY

Millers WHEAT

of scenery, albeit a slow one, at each of the 4 seasons.

"Frequently I hang a copy of one of the world's masterpieces. At such times, I always make it a point to learn something of the life of the artist as I study the picture."

During the cold winter months, Mrs. Weaver selects pictures with warm colors. "Sunset" by George Innes is one of her favorites.

"Innes seems to convey the spirit of nature in general," Mrs. Weaver states. "Then, too, he is an American artist. Maybe that's another reason why I like to see his pictures in my

Besides a gay, colorful picture hung on an exact level with her eyes, Mrs. Weaver adds the old-time charm of the traditional red geranium in her kitchen window sill; a trailing green vine hangs from a wall bracket, and crisp muslin curtains at the windows.

#### Tip From Grandma

By LINMAHA

Grandma never threw away any sour milk, no matter how small the quantity. Now that we have pledged ourselves to save and make the most of all food materials, I've hunted up grandma's old jug. And I'm using it just as that thrifty soul did. Into it goes all leftover milk until it is almost full—it hold about 3 pints. Then turning the sour milk into a saucepan I add the juice of a large lemon and let the mixture get warm—not hot. Letting it stand until a solid curd forms, I strain it, use the curds for making cream cheese or cheese cake, and the whey for delicious light scones.

#### Plant Stand "Carriage"

By MONETTE

Have you ofttimes wished you could move your house plants from one sunny window to another and decide for the nth time that the time and effort involved just isn't worth the effort? Why not make a portable carriage? Use your tea wagon. If you haven't one, buy or beg one of those "baby carriages" super-markets furnish for the convenience of their serve-yourself-customers. Paint the carrier in a gay, attractive color-white or green are happy choices, but you may prefer a brighter hue—and arrange your plants in an interesting way. Ivy trailing over the sides of the carrier is particularly lovely. Then with a slight push you can trundle your plants from one sunny location to another.

#### They Last Longer

By FLOWER LOVER

Chrysanthemums reign supreme in the garden this month. Large or small, we are reluctant to have their shaggy beauty disappear from the garden, so we anxiously run around with "covers" on frosty evenings. How can we coax those "mums" that have been cut for indoor decoration to last longer?

I'd gathered a number of tips but none of them seemed to help much. So I asked a florist for help. He advised me to change the water and break the stems daily. "Changing the water daily isn't a new idea," he said, "but breaking the stems is. At least, it is to many gardeners. Break-don't cut -the lower 2 inches of the stems each morning." I've followed his advice and find that my "mums" retain their original freshness for a week!

#### New Kind of Pie Top

By MRS. CLEVE BUTLER

Fruit pies just have a way of boiling over in the oven. Try this and have no more difficulty. Place the pastry in a pan as usual and fill with fruit. Then cut the top crust, cutting it about one-half inch smaller all around than the piepan. Put it on the pie and bake as usual. The one-half inch opening all around the edge prevents juices from









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at such times you suffer pain, tired, ervous feelings, distress of "irregurities"—due to functional monthly lervous teams, distess and address to functional monthly disturbances — start at once — try Lydia E. Pinkham's Compound TAB-LETS (with added iron)—so helpful to relieve such distress because of their soothing effect on one of woman's most important organs.

Taken regularly — Pinkham's help build up resistance against such symptoms. Also, their iron helps build up red blood. Follow label directions. For free trial bottle tear this out and send with name and address to the Lydia E. Pinkham Medicine Co., 663 Cleveland St., Lynn, Mass.



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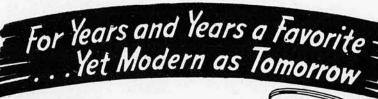
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NOW MORE THAN EVER POULTRY WORMING PAYS Like most poultry raisers, PREFER Dr. Salsbury's ROTA-CAPS ... They get the WORMS and don't knock egg production Rota-Caps DON'T SET BACK Rota-Caps get GROWING BIRDS TAPEWORMS heads and all .: as listed on the label Rota-Caps get ROUND and Rota-Caps are GOOD FOR CAPILLARIA TURKEYS too! worms! e ONLY Wormer Rota-Caps DON'T KNOCK EGG PRODUCTION

ITH egg prices up, you'll be worming birds this year, of course. But just any wormer won't do—use Dr. Salsbury's scientifically-developed ROTA-CAPS!

Years of laboratory experiment, plus careful testing-in-use on Dr. Salsbury's 55-acre poultry research farm, produced Rotamine, the drug discovery contained only in ROTA-CAPS. Due to Rotamine, each easily administered ROTA-CAP worms the birds with no toxic after-shock.

Rota-Cans do not set back growing . . . Rota-Caps do not set back growing birds . . . DO NOT KNOCK EGG PRODUCTION!

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ROTA-CAPS' LOW RETAIL PRICES PULLET SIZE ADULT SIZE 50 caps...\$ .50 100 caps... .90 300 caps... 2.50 100 caps....\$1.35 200 caps.... 2.50 500 caps.... 5.00

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## Send for Information

Kansas Farmer readers will find a wealth of useful information in the booklet offers of advertisers. Furthermore, it's easy to obtain, merely requiring a card or letter to the manufacturer, stating your request and listing your address.

> It is free, too, and will furnish much interesting data regarding the styles, prices, performance and other facts you need for intelligent purchasing. May we suggest that you act immediately?

## AN IMPORTANT **MESSAGE TO**

THE advantages that have made Maca Yeast a big fa-vorite with thousands and thousands of housewives

also make it ideal for use by our armed forces

The fact that Maca acts fast, yet keeps without refrigeration makes it possible for our Army and Navy to bake wholesome, nourishing bread, many miles from any supply base.

We have already doubled our output of Maca Yeast in an effort to supply both our military needs and the demands of American housewives. But as this is being written we do not know how much Maca we will be able to supply to you in the future.

WHO BAKE AT HOME

In preparation for this possibility, and so that housewives can still get a good yeast for home baking, we have made available a new and improved YEAST FOAM. This grand baking standby has the same remarkable keeping qualities-gives bakings the same rich flavor that made it famous -but is now faster-acting than ever before. It's economical, too-gives five bakings for only 10c!

So if you can't get Maca Yeast, you'll know our Army and Navy is getting it. And you can get marvel-ous results with YEAST FOAM.

THE NORTHWESTERN YEAST CO. 1750 N. ASHLAND AVENUE, CHICAGO, ILLINOIS



Because one roof and 4 walls serve for 2 floors, this double-deck laying house built by Dillard Croxton, Linn county, provides extra space at low cost.

#### TRADE PLACES

So Poultry and Garden Both Do Better

Having chickens in the garden while your lettuce and radishes are growing is not such a good idea. But having poultry there for a year or so before the vegetables are planted is a grand idea, according to Mr. and Mrs. Dillard Croxton, of Linn county, who rotate their chicken yard and their garden on 2 plots of ground.

"Our portable brooder house is left on one plot about 2 years, while a garden is raised on the other plot," Mrs. Croxton explains. "Then the brooder house is moved to the garden plot and the chicken yard is plowed for a garden. The plan provides clean ground for chicks every 2 years and assures a garden spot with plenty of fertility.
This rotation of the garden plots is

just one of many practices which have helped the Croxtons in operating a profitable poultry business. To develop high production in their flock of White Leghorns, the Croxtons use nothing but purebred males, from strains with high-production records.

Next important consideration in their practices is providing a comfortable laying house that is warm in winter and cool in summer. For this purpose, Mr. Croxton constructed a double-deck building, made of hollow tile. The double-deck house gives twice the floor space at an expense not much higher than required for a one-story building. Only one foundation and only one roof are required in providing the 2 floors

For high winter egg production, having a good warm house is not enough, Mrs. Croxton declares. Along with the warm house, hens require plenty of good, warm water. The Croxtons use water heaters thru the winter months, and find their hens drink nearly as much water in winter as in summer. Their laying flock averages about 300

#### Fresh in a Jiffy

You go to the cupboard and find that shredded coconut all dry and hardmost unappetizing looking and quite unfit for use. Wait! Don't throw it away. Soak it for 5 minutes in sufficient milk to cover. I like to add just a little sugar or honey, too. Pour off any remaining liquid, then spread the shreds thinly in a shallow pan and heat for 5 minutes in a moderate oven —not hot, mind you. If you like toasted coconut just let all, or a part of it, continue to heat until it is toasted to a light brown.

#### No Extra Time Out

By V-MINDED HOMEMAKER

Work in our Victory gardens, Red Cross work, canning, First-Aid classes, well-balanced meals to be prepared! We hustle from one thing to another and how hard it is to find time for that much needed facial. Drying summer winds, stress, anxiety, not to mention passing time, all take their toll and we shouldn't neglect that facial rite. Yet how to find time?

Here's a tip: First, cleanse your face thoroly and then apply cold cream just before stepping into your bath. While you soak luxuriously in your tensionrelaxing bath, massage your skin. You'll feel and look like a new person, and it will take only a minute.

BASQUE AND FULL SKIRT



Pattern 1616-B-Look trim and efficient when you are working, but look pretty during social hours, say all th young junior misses who express themselves on the clothes question And here's a dress bound to make you look pretty . . . the little tight-fitting basque top helps, the low neckline helps and so does the full, gathered skirt! Sizes 11, 13, 15, 17 and 19. Cor responding bust measurements 29, 31 33, 35 and 37. Size 13 (31) requires 3% yards 39-inch material.

Patterns 15 cents (plus 1 cent to cover co of mailing). Address: Fashion Service Kansas Farmer, Topeka.



## A 1,000-Turkey Sideline

By RUTH McMILLION

ATHERING eggs 4 times a day from 1,000 turkeys with a laying standard of 40 eggs a hen during laying season is a real task in itself; to say nothing of feeding, watering, providing practical roosts and fresh, clean range for that many husky, active turkeys.

This was the added project Mrs. Willard Bengtson, of Ashland, accomplished last winter and spring besides raising her own premium-demanding flock.

Mrs. Bengtson took the 1,000 Broad Breasted Bronze turkeys on a partnership basis from a produce-hatchery company. The object—tending, breeding and supplying eggs for the hatchery in the spring as her part of the contract. This completed and out of the way Mrs. Bengtson now has her own flock of 600 Broad Breasted Bronze poults well under way in preparation for the coming winter market. Of this strain, originating from the Oregon Broad Breasted turkeys, Mrs. Bengtson will keep 200 hens and dress the rest out or sell them for breeding purposes.

In marketing, Mrs. Bengtson sells either to a company nearby, or dresses them out and ships them East to a commission company. There is a question in her mind as to which is the better method. At the local market she is able to deliver her birds in A-1 condition, but must sell under the Eastern markets, yet upon dressing and shipping she is assured of top prices but the birds might not arrive in first-class condition and there is danger of hitting a flooded market.

#### Sell As Fancy Birds

Whether sold at home or abroad, Mrs. Bengtsons turkeys receive premium prices and sell as fancy birds. They are sold on the early Christmas market when plump, well-filled and possessing the rich, creamy-white skin found only in the well-cared-for, well-fed flocks. The method of finishing is to use a finishing mash, corn, barley and buttermilk.

If the birds are to be shipped they are hung for sticking, dry picked, cooled 24 hours at above freezing temperature, feet and head wrapped, then packed into barrels. There is a knack in cutting the barrel linings and a trick to the packing. The birds must not be packed too solid, paper put between the layers, and everything so-so to insure proper delivery.

When asked as to vital things regarding turkey raising Mrs. Bengtson stresses that all ground and surroundings connected with turkeys must be kept clean and free from contamination. Small turkeys must be kept warm and dry

In order to have more floor space for their small turkeys Mr. Bengtson put 2 buildings together. Instead of removing the partitions a tunnel-like runway was constructed to connect them. Here the small poults race back and forth from building to building, thus assured of plenty of floor space for the thick, clean litter.

The pen into which they graduate has a high 72-inch woven-wire fence around it. In the winter one-half the

## Halloween Hilarity

Halloween is October's special date for hilarious parties. For a suggested invitation, decoration ideas, 9 gay Halloween games, 2 written contests, 5 ways to tell fortunes, and a grand Halloween menu, you should see our leaflet, "Hilarious Halloween Party." A request on a penny post card addressed to Leila Lee, Kansas Farmer, Topeka, will bring you a copy of the free leaflet.



Mr. and Mrs. Willard Bengtson, of Clark county.

ground is sown to wheat, the other half to Sudan grass for summer pasture. This ground is kept worked and turned for a season or two, then the pen is made on entirely new ground.

Large barrels, mounted on sleds are used for water. These have automatic water fountains in them. Roosts are built on an old wagon, thus enabling them to be moved about.

Mrs. Bengtson has a large straw shed 300 feet long by 20 feet wide. In the back are the nests used in laying season. However, she feels this type of shed is not practical for Kansas as it is easily damaged by wind. This type had been recommended by Nebraska.

Mrs. Bengtson marks her turkeys with a personal brand and recommends all turkeys be vaccinated for pox.

Upon summarizing her 15 years of experience in turkey raising, this farm woman says there are drawbacks as in any business, but it has its compensations, too.

Her turkeys one year contracted pox, coyotes have gotten into the pens and killed dozens of young turkeys of baking size. Feed and range proved a problem in drouth years. However, last year Mrs. Bengtson realized \$3 apiece for plump little hens where in years gone by \$1 was the best they would do.

This year besides the 600 turkey poults, Mrs. Bengtson has 300 triple-A chicks; all pullets from a 300-egg strain bird. Of her projects she says they are money-making investments, but require work, interest and a determination to win. She has not only accomplished these undertakings but does all her own work, keeps a lovely home spotless, cooks for extra men, has been active in her local farm organizations, and is a good example of what farm women are doing to uphold the standards of America's rural life today.

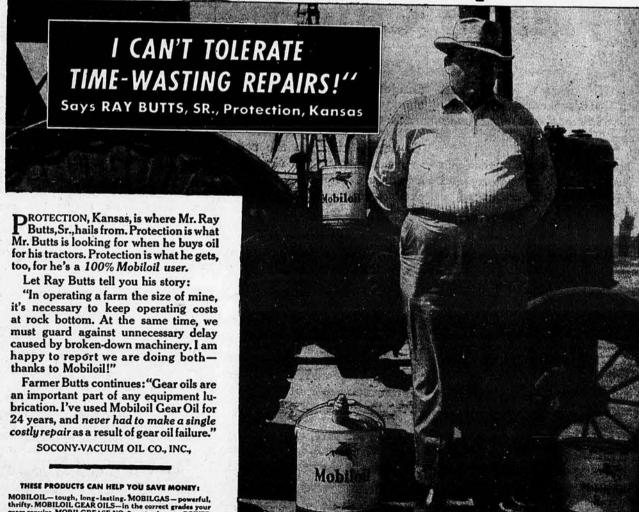
More power to Mrs. Willard Bengtson and her turkeys. They will help to ease any threatened meat shortage. SERS know . . results show . . . sluggish run-down flocks fed Avi-Tab "perk up" . . lay better. Birds get more out of feed. Avi-Tab, the ideal flock conditioner, contains nine drugs . . tonics . . stimulants . . correctives. Practical treatment for Mycosis. Get Avi-Tab, or feed fortified with Avi-Tab, from your Dr. Salsbury dealer.

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Be sure of tender, flaky pastries! You can fill "Roll-Rite" with cold water, keep dough chilled before baking. Endorsed by professional chefs. Free, with purchase of 1 lb. of Avi-Tab, at your dealer's . . . while quantities last!

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HELPS MAKE EQUIPMENT LAST



## MESS CALL

THE chow's good. And there's plenty of it. We have in fact the best-fed Army and Navy in the world.

This starts with America's farmers, who are raising and shipping bumper crops.

It carries on through the processors, who pack the food and ship it to the boys in camp or at the front.

And keeping it all on the move are the American railroads. They see that the right numbers of the right cars are on the spot when and where crops and livestock are ready to move-and see that they are hauled dependably and safely to destination.

With the mass of war materials being carried, this all adds up to the biggest transportation job in U.S. history-a job already far ahead of the peak traffic of the last war.

To handle this job the railroads are moving a million and a quarter tons of freight a mile every minute-starting off a heavily loaded freight train every five seconds of the day and night.

Railroad equipment is being worked at top pace-a pace that doesn't permit freight cars to loaf.

So we ask you to do this: Load cars promptly, and load 'em kept moving.

That's your part, and ours, in making sure that we have the best-fed, best-equipped fighting men in the world.

to capacity—and it's up to the railroads to see that they are

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## "How to Do It" Training

(Continued from Page 1)

probably will be the limiting factors in meeting food goals. It will grow more serious as machines wear out and as priorities become more severe.

Seems as if about the only way to meet this situation is for each farmer to be a good enough all-around mechanic to keep his equipment going for the duration, and this undoubtedly will call for some skills which many farmers have never needed before.

In normal times, if a gear wheel was worn beyond serviceable condition, the average farmer just bought a new one. Now if the new one is not available, it may be necessary to build up the cogs with a welding torch and dress them down to proper dimensions with an emery wheel and file.

If a piece of shafting is badly worn where it rests in a bearing, it may be necessary to build up the worn part with a welding torch, turning it down to the proper size and smoothness on a lathe. If a bronze bearing is worn beyond use, it may be necessary to run a babbitt bearing in its place. Likewise, if the tractor or truck needs new rings or a complete overhauling, that may have to be done at home, because few mechanics are left in the rural

Many of these jobs require more skill and equipment than is now found on the average farm. However, the average farmer with a knack for machinery learns rapidly, and with the use of shop equipment provided with the course, he can handle some important farm repair jobs.

#### Five Courses Are Offered

M. R. Wilson, assistant supervisor in the rural war-production training program, explains there are 5 different kinds of courses in shops and mechanics, that may be offered. They are:

1. Care and repair of tractors, trucks and automobiles.

2. Metal work, including welding, forging, sheet metal work and machinery repair.

3. Carpentry, including the building of wagon boxes, brooder houses and

hog houses. 4. Electricity, including house wir-

ing and wiring for light and power, as well as the care and repair of motors and other electrical appliances.

5. Machinery repair, maintenance and construction. This course may include anything in the way of repair work found on Kansas farms, as well as construction of power equipment and equipment for special-crop production.

As a class is organized, the farmers in that class decide which course will be studied. Last year, 75 per cent of the 17- to 25-year-old farmers chose classes on motor mechanics, metal work or repair of farm equipment, and it is expected that most of the classes this year will concentrate on these subjects.

Altho classes thruout the state will be organized thru vocational agriculture teachers, the instruction work will be conducted by experienced mechanics and repair men.

In most cases, the classes will be conducted in high school vocational agriculture shops. When this is done, the classes must be at a time when they will not interfere with the regular day-school students. However, a few of the courses will be conducted in commercial shops, and they can meet at any time agreeable to the farmers taking the course.

All classes will be varied to suit the needs of the farmers, with the idea of taking the instruction when it does not interfere with important farm work, In times of emergencies or special farm work, the classes may even be suspended for a certain length of time until the emergency is over.

#### Open to Men and Women

Any person out of school and 17 years or older may take the course. It will be open to both men and women, married or single, black or white. No course will be organized or maintained with fewer than 10 enrollees, and most classes will be started with at least 16 or 17, to allow for a few drop-outs.

There is no charge whatsoever to farmers taking the course. Funds appropriated by Congress are planned to cover not only instructors' salaries but also all other costs of instruction and supervision necessary in teaching the mechanical skills.

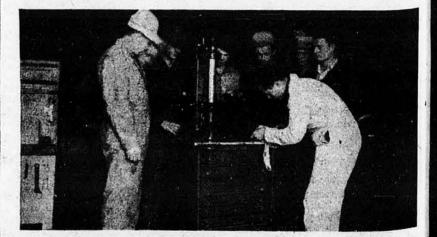
About 11 of these courses have already been started in Kansas and others will be starting some time this fall and winter. Farmers interested in taking one of the courses should contact the nearest vocational agriculture teacher, a member of the high school board, the principal or superintendent of schools, or the county agent. Any of these men should know whether there will be a course offered in the community and can give specific information about it.

#### For Twistless Shocks

Sorgo is growing tall this year, and it will not be any easy job to make shocks that will stand without twisting. But this problem doesn't worry Joel Spriggs, who farms near Pittsburg. He has a system, developed thru experience, which helps him to keep the tallest feed standing straight and

Mr. Spriggs stands the first bundle erect and parts it in the middle. Then he breaks the tops down, about 3 or 4 feet from the top, depending on height of the bundle. After this, Mr. Sprigg places a bundle in the crotch on each side, and then props bundles on each of the other 2 sides.

Next a string is tied firmly, close to the top of the 5 bundles arranged in this manner. Then the shock is finished, merely by adding bundles. Mr. Spriggs emphasizes the importance of keeping the shock well balanced to prevent twisting of outside bundles. When the shock is completed, another string is tied near the top. "Follow this plan and you don't need to worry about tall shocks twisting or falling down," Mr. Spriggs declares.



Farmers at Wellington learn the fine points of overhauling a motor, in special classes conducted as part of the War Production Training Program.

#### One in 20 Gets a Farm

A territories of the 32½ million dolars authorized by Congress for the 942-43 Tenant Purchase Program is announced by the U. S. Department of Agriculture. Under this program an estimated 7,000 farm families will receive farm purchase loars this year hru the Farm Security Administra-

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The Bankhead-Jones Farm Tenant Act of 1937 requires that funds for this program be distributed equitably each fiscal year on the basis of farm popu-ation and the prevalence of tenancy. The loans, repayable over 40 years at and per cent interest, are made to ten-ants, sharecroppers, and farm laborers who are American citizens and who obtain, or recently obtained, the major portion of their income from farming. Borrowers use the money to buy and mprove farms of sufficient size to support their families adequately.

In the last 5 years, 29,000 farm families have been helped to ownerthip of family-type farms by this program. The loans have averaged \$5,570, he purchase price of the farms averaging \$3,800, and construction and re-pair of houses, barns and other strucures accounting for \$1,770. The farms average 128 acres in size.

In compliance with the War Producion Board Order L-41, only essential mprovements are being made on Tenant Purchase farms, with other construction deferred until after the war. The WPB order, which went into effect ast April 9, limits construction work n a continuous 12-month period to \$500 on a dwelling, and to an aggregate of \$1,000 on all buildings other than dwelling on any farm.

To date the Tenant Purchase Program has operated in 1,823 counties or parishes. Because of reduced funds this year, new loans will be made in lewer counties or parishes and will be allocated on the basis of need and vailable farms.

Committees of local farmers pass on ll applications and approve the farms to be purchased. Since inception of this program, applications have exceeded he loans for which funds were available by 20 to 1.

This year, 1942-43, Kansas will get 3717,390 compared to \$1,104,485 for 1941-42.

#### KSAC Has New Voice

Farm folks of Kansas accustomed hearing announcer James P. Chapnan, from radio station KSAC, in Manhattan, will now tune in a different

LLOCATION among the states and ant extension editor, to become farm editor for radio station WHO, in Des Moines, Iowa.

New assistant extension editor at Manhattan, and announcer for station KSAC, is William Lowell Treaster, who has been serving as managing editor of the Manhattan Mercury. A graduate of the department of Industrial Journalism and Printing at Kansas State College in 1930, Treaster has had 12 years of experience on rural and small-city newspapers.

#### Save the Paint Brushes

Dear Editor: Under your housepainting story in Kansas Farmer of September 5, I note a fine device for keeping brushes. I object. It is a fine method for keeping brushes a short while, such as overnight, or for a day or so while the job is delayed because of rain. I have known professional painters who do it, but their brushes are not many days between jobs.

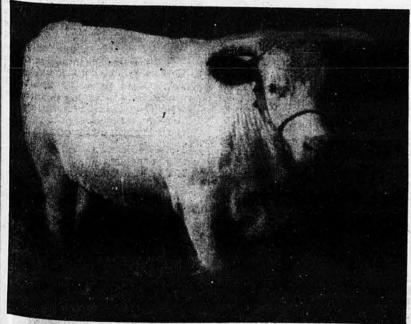
The reason I object is because the average amateur painter does something like this and ruins too many brushes. When any job is done, the best way is to really clean the brush right then. And it is easy.

Naturally, the first thing is to work out all the paint, varnish or enamel possible. Then, cleanse the brush some in the proper solvent, oil or even gasoline for paint; turpentine for varnish. Then immediately take some warm water and soap and actually wash the brush. I like good old homemade soap, or yellow laundry soap, or Boraxo best of all. Then one really gets all the paint out of the brush in about 2 minutes; the brush is thoroly rinsed and shaped and left to dry that way. The result is a brush absolutely clean and ready for the next job and as good, or better, than new. Best of all the brush lasts for a long time.—C. E. S.

#### Starting Shrubs

Most any shrub can be started in this way. In a glass fruit jar place 2 inches of half sand and half dirt; wet this until it is damp, then place your cuttings in this, being sure an eye or node is in the sand. Now screw the lid on and place in a window or other light place. They will need no further attention until well leafed-out and rooted. Then harden them off by leaving lid off part of the time and then alto-gether. When transplanting to the open, it is best to place a glass jar over each until well established. I have voice from that station. Chapman re-cently resigned his position as assist- and they never fail to root.—Mrs. C. B.

## Largest Calf for His Age



Shorthorn steer owned by Henry Estes, of Clark county, Kansas. This steer weighed 1,760 Pounds the day he was 2 years old. He now stands more than 5 feet high. At birth this Calf weighed 128 pounds, was 33 inches high and 5 feet long. A jury of 12 outstanding Cattlemen judged this calf for Mr. Estes to be the largest calf for his age to their knowledge.



## FOR STOCKMEN AND RAILROADS ITS A TIME JOB

 Meat for our fighting men must be provided and delivered regularly, and continuously. This begins with efficient handling of livestock at country and range loading points. WITH THE GREATEST VOLUME of traffic ever handled by the railroads of America, the most effective use of manpower, motive power and equipment must be secured.

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Special Representative
Denver, Colo.

## The Progressive UNION PACIFIC RAILROAD





## "Floor" for Farm Prices

(Continued from Page 6)

The OPA admittedly is having trou- to the person goes into the garbase ble working out a program for fixing live animal prices, especially on cattle, because of wide variations in grades and purposes. But it is insisted that such a program will be worked out in the course of time.

Meat rationing for the entire civilian population is due the latter part of the year, maybe 3 months off. Present program as announced is to fix it at about 21/2 pounds a week to the person, or 130 pounds a year. Annual meat consumption is about 150 pounds for several years past, but statisticians at Cornell University claim this really means the average amount eaten to the person is 126 pounds of meat, plus 10 pounds of fish.

Incidentally, the food consumption per capita for the United States, for the period 1937-41, inclusive, was 1,420.8 pounds. In other words, the average American consumes three-quarters of a ton of foodstuffs in a yearconsumption includes waste.

Nutrition experts claim that the best fed member of the average family is "the kitchen sink." What they mean is that more nutritious materials go into the drain with water from cooking than the average person gets. In the big cities about 300 pounds of food

FARM GATE

It looks as if Man Power Paul McNutt is going to have to be called upon finally to allocate farm labor there is to be sufficient to provide the food requirements in 1943 and 1944 supply the armed forces of the United States, the civilian population of the United States, plus part of the arme forces and civilian requirements Britain, Russia, China and others our Allies.

In a speech Labor Day, McNut pointed out that Britain for some time and now Canada, are controlling labor supplies. In 12 western states, thr an order from McNutt, laborers in cop per and other industries are to be allowed to change from one job to another only when they get a permi from McNutt's commission.

At the time this war started, statisticians announced that to fight suc cessfully-meaning to keep the supply of materials as well as men fed into the fighting-in modern mechanized warfare would require 18 workers behind the lines for every man in the fighting forces. If that is true-admitted only in theory—the proposed army of 10 million men would require 180 million civilian workers backing them up. Presumably that would mean only 90 million working two 4-hour shifts a week.

The Office of Defense Transportation-Joe Eastman-has issued an order that after November 15, all trucks, jitneys, taxicabs—all mechanized transportation on rubber except private passenger cars—must have a certificate of war necessity to operate on the highways. Also, without this certificate, no gasoline, oil, repair parts or accessories can be sold for any such mechanized transportation. The order applies specifically also to ambulances and hearses. Some newspapers carried a story that light farm trucks would be exempt, but there is nothing in the order itself, as published in the Federal Register, to indicate any such exemption.

At this writing War Production Board is having nightmares over the problem of how much new farm machinery will be available during 1943. The amount finally allowed is not going to be nearly enough.

A recent survey in Kansas showed the draft boards took a little more than half of the farm labor leaving farms this year, war plant industries little more than one-third. Several thousand farms in Kansas that were operated last year will not be operated in 1943, according to this survey of "intentions to farm.'



The equipment and accessories you need for fall and winter use, you can get right now. These items will meet your need for additional equipment, as well as replacing old, worn equipment. Self-feeders, hayracks, gates, hoppers, stanchions, feed bunks, feed racks, troughs, self-cleaning nests, waterers, pens, dozens of items that save labor, save feed, cut costs and increase production, can be put

Weyerhaeuser engineers have designed this equipment to take advantage of the wide adaptability of lumber. All of these items may be built satisfactorily from a wide variety of sizes, species and grades, so that they may be made from stocks now available in the yard of your 4-Square Lumber Dealer.

He can supply you with lumber for this equipment and furnish plans so you can build it yourself, or to save your time, many 4-Square dealers have these or similar items, ready-made. Tested on hundreds of farms, they have proven practical and economical.

To maintain the government's schedule for high production of farm products-good equipment is essential. Now is the time to get the equipment you need. See your 4-Square Lumber Dealer today.



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ALFALFA FEED RACK FOR HOGS

Pictures and describes designs of useful farm equipment. You can get these items now, ready made or build them yourself from the stocks readily available at your 4-Square lumber yard. Mail the coupon for this new farm equipment folder.

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	I am interested in farm equipment. Please send illustrated folder
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T	Post Office.

#### **Helpful Bulletins**

If interested in any of the Kansas State College Extension Service publications listed below, simply order by number and address your request to Bulletin Service, Kansas Farmer, Topeka. We shall see that your order is given prompt attention.

No. 67-Kansas Dairy Calf Management.

No. 74-Milk Houses for Kan-

No. 78-Selection and Care of Beef Cattle.

No. 56-Home-study Service of College Extension.

No. 71—Livestock Feeding Record Book.

No. 98—Control of Insects Destructive to Grain Stored in

No. 111-Low Cost Market Orders, Menus, and Recipes. No. 144-The Kansas Straw Loft Poultry House (containing blueprint and instruc-

## Two More Tire Thieves "In"

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

ROUNDUP of tire thieves in A Kiowa county sent 2 more men to the penitentiary on a charge of stealing several tires from the posted farm of George Fruit, R. 1, Haviland. Mr. Fruit learned about the theft almost at the time it was taking place, and he and officers were only a few minutes behind the thieves when they sold the tires at a local market. Identification of the property by the owner and quick action by the officers resulted in a capture and conviction in short order. A \$25 reward paid by Kansas Farmer has been distributed among Service Member Fruit, Sheriff Charles Lake, of Greensburg, and Homer Krebiel, of Pratt.

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#### Stolen Goods Testified

Among the most effective witnesses against a thief who stole some watches and other property from W. C. Macy, Woodston, were 2 watches and a check which were positively identified by the owner. Mr. Macy received fine co-operation from Sheriff Evertt Vanhorn and private citizens in his community. The thief was given a prison sentence. A \$25 reward paid by Kansas Farmer was distributed among Sheriff Evertt Vanhorn of Stockton, Mrs. Emmet Madox, Woodston, who supplied important evidence, and Service Member

#### Tire Thefts to Third Place

About 5 years ago Kansas Farmer made a study to determine the type of property most often stolen from farm premises. It was found that poultry stood first in the line of thefts -far out ahead of all other kinds. Next was livestock. Then came grain, harness, dogs and clothing in the order named. At that time, tire thefts had the seventh place down the line. Later counts from year to year showed very little change in that order, until the rubber shortage came into the picture last spring and suddenly boosted tire thefts far above any past record. In a

#### A "Three Rs" Party

You will wish to include "A School Days Party" in your fall entertainment plans. The guests should be instructed to come in "kid" costume, promptly on time. Suggested invitations, decorations, games to play and refreshments are given in my schoolparty leaflet which I shall be glad to send for only 3 cents to cover mailing costs. Address your request to Leila Lee, Kansas Farmer,

sixth place, according to the reports coming from the farmers. A little later tire thefts took fifth place, then fourth, and the last count showed that tires rank third. Now there are more thefts of tires than of any other class of farm property except livestock and

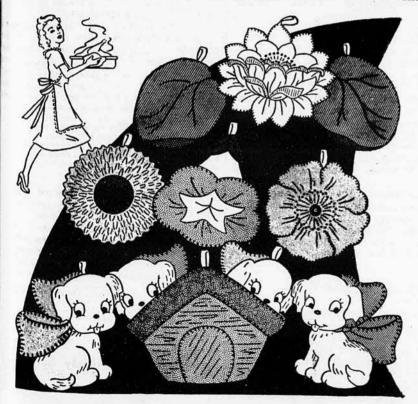
#### More Livestock Stolen

During that same period livestock stealing has been on the increase. The count 5 years ago showed that there were more thefts of poultry than of any other kind of farm property and that livestock was a poor second. Latest records, however, show that there are more thefts of livestock than of poultry. The tendency of thieves seems to be toward more valuable property. Whereas years ago thieves were satisfied to take a dozen chickens valued at \$10, they are more likely now to take a set of tires worth \$50 or an animal or two worth even more.

#### **More Closet Space**

If you haven't much closet space in your home, use birdcage hooks in those you have. As many as 12 hangers may be hung from one hook, and when it is not in use it may be folded short while tire stealing moved up to against the wall.—Mrs. M. S.

## Let There Be no Burned Hands



Let's make some bright new panholders and stop all that fussing over burnt fingers, or worse—the charred corners of that special tea towel that happened to be handy. These 9 designs, 3 sets, all come on one pattern, C9108. They are pretty enough for gifts, the dandiest kind of money-makers for your church or club bazoar, or will be a gay tonic for

A pastel waterlily flanked by 2 lily pads of green is one lovely set. Sunflower, morning glory and wild rose motifs are the second; the third is a clever group consisting of 2 pup panholders which slip into a doghouse holder when not in use.

Pattern C9108 is 10 cents—plus 1 cent to cover cost of mailing—ond may be obtained from Needlework Service, Kansas Farmer, Topeka.

# WE'VE GOT-VOUR NUMBER

**IN THE 1942** STECKLEY HYBRIDS

> of their corn in April and want it to be made before the July and August heat, will benefit by ordering some of Steckley's proven early hybrid numbers.

hybrid numbers.

Steckley's 16 or 300 are excellent on the light upland soils, and Steckley's 14 and 17 on the heavy soils. These early numbers work wonderfully well with a later number such as Steckley's 790 which has a wide adaptation for all growing conditions found in Eastern Kansas for a late hybrid. Assure yourself of a fine corn crop regardless of weather conditions. Other outstanding Steckley numbers for Kan Other outstanding Steckley numbers for Kansas are 523 A, 770, 860, 100 A, 780, and 340.

ORDER NOW!

See your Steckley Dealer on any Hybrid problem. Ask him about the special discounts now being offered to early-order customers. Then you'll be sure to get your seed—and you'll save money, too. If you don't know your Steckley dealer, write to us at Weeping Water, Nebraska Nebraska.

WEEPING WATER, NEB.

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.

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EPING WAT

highest possible carotene potency.

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To protect your family... to be safe...buy coal now! This winter, tremendous transportation jobs for war efforts will make it impossible to supply ALL families with ALL the coal AT ONE TIME!

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ORDER FROM YOUR COAL DEALER

**Bituminous Coal Utilization Committee** 

for Kansas, Missouri and Oklahoma Producers wight Building, Kansas City, Mo.

## If It's Pork That's Needed

(Continued from Page 5)

have been invested in land, gradually as large as normal because of labor expanding the business. Now, the O'Bryans own between 6,000 and 7,000 acres, and enough more is rented or leased so that the total operation of the ranch involves about 12,000 acres.

Farms of the O'Bryan Ranch are operated by some 20 to 30 families, and scope of their activity is indicated by the O'Bryans' labor expense which averages \$2,000 to \$3,000 a month. As depleted "run-down" farms are acquired, large acreages are seeded to lespedeza, brome and other good grass crops suitable for livestock pasture. Each farm manager takes his proportionate share of the purebred sows and handles them along with his share of the cattle, with hogs running behind the fattening steers.

However, uniform feeding and management is practiced at all the different places. If clean ground is not available on some particular farm, a field is plowed and sowed to a suitable pasture crop. In keeping with the new ground, clean buildings are provided the sows at farrowing time, to prevent any possible contamination of disease or parasites.

Farms with access to electricity are supplied with electrically-heated hovers. for use in cold weather. Each one of these is heated with a 100- to 150watt light bulb. In addition to helping provide warmth, hovers entice the pigs into a safety zone, where the sows cannot lay on them.

#### **Guard Against Trouble**

Believing vaccination to be cheap insurance, the O'Bryans vaccinate their pigs at 6 weeks old. Pigs and older stock are sprayed regularly with a mixture of crankcase oil and kerosene. to guard against mange and lice. Fresh bedding is supplied often enough to keep the houses from becoming dusty.

Except for a few weeks when the pigs are young, dry feeding is practiced in the O'Bryan hog-fattening program. Their favorite feed for this purpose is mixed wheat and barley, shipped in from Western Kansas. If possible, they buy the grain that is about two-thirds barley and one-third wheat. It is ground and fed in self-feeders.

Protein, supplied in a separate compartment of the feeder, is a mixed supplement, containing equal parts of tankage, soybean meal and linseed oilmeal, with small amounts of mineral and alfalfa meal added. With this state processing more soybeans and flax each year, the O'Bryans feel their mixed protein supplement does a good job of utilizing home products.

Another place where hogs are fattened by the thousands is on the farm of E. C. Carp & Sons, just south of Wichita. This year, the Carps expect to feed a total of 9,000 head. In addition, Mr. Carp is supervising the farm operations of his brother Fred, now a Lieutenant Colonel in the army, where an additional 3,000 head will be fed during the year.

Altho this makes a total of about operations there are only about half pork to boost the nation's supply.

conditions. But the Carps still operate one of the most highly specialized pork-producing plants in the country.

With regular shipments of feeder pigs coming in while regular consignments of fat hogs leave the place for market, E. C. Carp & Sons are equipped to handle 4,000 hogs on the farm at one time. Nucleus for their operations is a gigantic feed barn, 300 feet long and 72 feet wide.

With a wide alley thru the center for trucks hauling feed, the barn has 24 pens, each one 32 feet long and 24 feet wide. Feeders are stationed on each side of the alley, so grain or supplement may be scooped direct from trucks. The farm equipment includes a modern elevator, complete with grinders and automatic scales for mixng ground feeds in the proper ratio.

Wheat is the basic grain used, and the Carps recently purchased 10,500 bushels of government wheat for this purpose. "The wheat cost about 31/2 cents a bushel less than I would have had to pay for corn," Mr. Carp relates, "and, pound for pound, I would just as soon feed wheat as corn. In fact, I really prefer the wheat, altho experimental tests don't give it any advantage over corn."

Wheat and alfalfa meal are ground and mixed together at the first of the feeding period. Percentage of alfalfa meal is greater for pigs just starting on feed, and is reduced gradually during the next few weeks. After hogs are well established in the feeding period, they receive ground wheat alone in one section of the feeders, while another compartment contains 3 parts of tankage mixed with one part of alfalfa

#### Gains Were Best in Years

Mr. Carp is interested in one experience resulting from the wet summer this year. Previously, hogs in the main fattening barn were allowed free range of lots outside the fattening pens. This year, however, it was muddy so much of the time that hogs were kept inside on the concrete floors, which were cleaned and washed regularly. Gains were the best in years, so Mr. Carp is now planning some careful tests to see whether close confinement gets the credit.

Biggest problem facing the business right now is that of labor, E. C. Carp says. With his brother in the army and possibility that one of his sons may be called soon, the managing crew is reduced in half. Then, right along with this, the farm help is leaving for highpaying war jobs. Mr. Carp relates that 15 men have left his employ already this year, to enter war plants.

"I don't blame them for going," he says, "because my business doesn't justify wages anywhere near those they can get in the war work. Besides in the jobs they are taking, they work only 40 hours a week, while my boys and I average about 75 hours a week." But despite labor handicaps, the pa-12,000 head from the Carp lots in 1942, triotic Carps are producing tons of

#### **Boots and Saddles Ahead**



Beautiful horses as well as good cattle are at home in the Kansas Bluestem region These young horses on the Ferguson ranch, in Cowley county, are being raised for use by the big crew of cowboys employed by cattlemen Phil and Dwight Ferguson.



## MIKETS

Ask your local hatcheryman or poultry supply dealer. He'll tell you MIKETS are America's "speed caps." They get their job done right—and right fast—with a minimum of after-shock and lost production.

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New DUPLEX Rotary Scraper Easiest operating Scraper made. Loads and dumps forward and backward. Many other exclusive features:
FREEI Five days trial. Write indications for details and literature. DUPLEX CONSTRUCTION CO.,

## **Hybrids Show Real Worth**

(Continued from Page 7)

crease in hog population in 1943 over the corn borer now admittedly in Illi-1942; is going to ask for more poultry in 1943 than in 1942; is going to ask for higher dairy production in 1943 than in 1942, and it seems that beef teeding will be at least as high.

The net result is we will have fed 300 million bushels more corn than we raised, and there will be no extra carryover-will have in fact, a minimum carryover-in the face of a good big increase in the required amount for feeding purposes.

#### Need More Corn Acreage

I gather that growing 3 billion bushels next year would be desirable to insure a comfortable and safe carryover, but where to get the extra acreage amounting to at least 20 per cent to produce that much corn is a problem.

This new acreage likely will come from states in past years designated as marginal, such as parts of Kansas, Oklahoma, Arkansas and even Colorado. Parts of Kansas could be converted to more corn acreage. It is highly probable that this production goal of 3 billion bushels cannot be reached simply because there isn't enough acres that can be diverted from other necessary crops.

In any case there likely will be an increase of corn acreage next year of sizable proportions.

And it goes without saying that a good share of the seed required will be hybrid.

Will the commercial hybrid companies be able to take care of the increased demand in 1943? Well, I have word from some of the major-producing companies whose products for the most part are well and favorable known in every community in Kansas.

#### 30 Per Cent Increase

Roswell Garst, of Garst and Thomas, producers of "Pioneer," Coon Rapids, lowa, says:

"My personal guess is that there is a ready market for at least 30 per cent more hybrid seed corn than was used last year—and I am not sure but what 40 per cent more seed could be easily marketed by putting a little pressure on the new areas.

"My judgment is that not more than 20 or 25 per cent more seed will be available for sale this fall than was actually sold last year.

"In other words, while I think there will be practically enough hybrid seed to go around, there simply won't be enough seed available to develop new country extensively.

"But it certainly will mean a very rapid sell-out. It will mean that the choice-hybrid varieties will be sold early this fall. It will mean that the choice-kernel sizes—altho, actually there isn't much difference in the results in kernel sizes—will be sold out early this fall. It will definitely mean that it is even more important than normal for a farmer to order his seed early in the season."

Leo B. Olson, of DeKalb Agricultural Association, DeKalb, Illinois, also sounds a note of warning about

#### Make Tires Last

A new tire-coating product, recently developed by research chemists, will protect the ex-posed surface of auto, truck and tractor tires against sun and weather conditions. This coating is easily applied by the owner with an ordinary paint brush and is said to restore the flexibility and vitality of tires to a marked degree. This new product should be applied to tires about every 3 months. For information about where you can obtain this product, please send a post card to Kansas Farmer, Topeka, Kan.

nois. As regards the general hybrid situation, he says:

"In most of our production areas, the seed crop looks fairly good. However, it is yet too early to tell just what might be expected. Detasseling came thru in excellent condition, altho at much higher cost than in previous years. We have had considerable trouble in several of our production areas due to much wet weather causing huge ponds in the fields.

"R. R. St. John and C. L. Gunn, our plant experts, are both increasingly interested in the development of new varieties. Close to 6,800 different hybrid combinations are being tested this year in the Tuscola and DeKalb breeding plots. Plans already have been laid for testing close to 10,000 new hybrids for next year. Specific problems which both of the corn breeders are working on are insect resistance and tolerance. The corn borer has been coming into the picture more and more since it spread thru Illinois this season. C. L. Gunn has been working on corn borer hybrids for several years and he believes the problem is to develop a hybrid that will produce good yield despite the corn borer. He has made the statement that 'When the corn borer gets here, we will be ready for him."

#### Too Much Warning

J. List Peppard, Peppard Seed Company, Kansas City, growers of Funk hybrids, believes that anyone engaged in growing and marketing hybrid corn is in an occupation vital to war work. His remarks follow:

"I think all of us in the hybrid business are rapidly awakening to the fact that we are a vital part of the war effort and that we must think of our work as war work, rather than private business.

"Shortages of vital materials are pressing on the farmer without much warning. The same is true of good hybrid seed corn, but in this case, he has

had too much warning in recent years.
"He has stopped believing in the warning of shortage, just at the point where it is 100 per cent correct.

"At present, our main care and responsibility is to make certain that old customers get what they need of our

#### Farmerette Crew to Rescue

Ed Steckley, of the Steckley Hybrid Corn Company, Weeping Water, Neb., who extended the operations of his company 2 or 3 years ago to Kansas is gratified at the general outlook for hybrids. Speaking for his company

"Despite the fact we have increased our seed acreage 35 per cent, it looks as if the demand will tax our facilities to capacity. Fortunately, we have completed a new drying plant which will help immeasurably in handling our big

"Had it not been for women 'farmerette' crews who came to our rescue in the detasseling season, we would have been seriously handicapped. Their work was just as efficient as mens'."

Without much fuss a number of individual Kansas growers have been steadily increasing acreage and this year in particular have a lot of seed for sale. Inbreds have been obtained for the most part from the Kansas Experiment Station and from the United States Department of Agriculture. peaking for the Kansas Independent Hybrid Corn Producers Association, a group of about 12 growers, O. J. Olson, Horton, president, says:

"Our growers have been very fortunate this year in growing a lot of seed which will be available for Kansans who want to plant hybrids next spring. While we have greatly increased our acreage, I'm afraid the supply will be snapped up in a hurry."

With those facts at hand, maybe you can judge better whether to reserve your hybrid early or put it off.

# USE GASOLINE IN TRACTORS **U.S. Farmers Advised**

Tests Show Today's Most Plentiful Tractor Fuel Lengthens Tractor Life, Helps Prevent Breakdowns

The opinion held by many farmers that gasoline is "easier" on their tractors than low-grade fuels was confirmed by the results of tests run recently near Phoenix, Arizona. Two tractors of the same make and model were given a laboratory test for 1384 hours, then run for 2064 hours in the field-3448 hours total. One tractor was operated on gasoline, the other on distillate.

Then the engines were disassembled and the vital parts of each were measured for wear. It was found that the parts of the tractor burning distillate were, on the average, worn about twice as much. For example, there was 89% more piston ring wear, 147% more wear on the main bearings and 78% more wear on connecting rod bearings with distillate than with gasoline.

#### Gasoline helps prevent breakdowns

At a time when farmers are faced with the problem of meeting higher production quotas with limited manpower, the fact that gasoline helps prevent breakdowns is of prime importance. Today no farmer can afford to have a tractor idle for hours or days while repairs are being made. The shortage of replacement parts, too, makes it imperative that every step be taken to get the maximum use from each part

#### Use of gasoline helps national fuel and oil situation

There is an ample supply of gasoline for farm tractor use. Reduced passenger car driving has created a surplus of gasoline for tractors. There is a shortage of distillate and fuel oil.

Tractors operated on gasoline help conserve lubricating oil, too. At the end of the tests mentioned above, the gasoline-burning tractor was using one quart of oil per twenty-four hours of operation while the distillate-burning tractor required eleven quarts.

#### 30% more power from gasoline

Gasoline delivers more power than low-grade fuels in practically every type of tractor. What's more, changing to gasoline plus high compression will increase tractor power as much as 30 %. For this reason the great bulk of new tractors being sold today are of the high compression type.

Many tractors with low compression engines are being converted to high compression when they are or hauled. Installing high compression

COMPARISON OF WEAR ON TRACTOR PARTS-GASOLINE VS. DISTILLATE -3448 HOURS OF OPERATION ➂ (5) 6 With distillate there was-89% MORE WEAR on piston rings

(2) 135% MORE WEAR (3) 81% MORE WEAR on crankshaft journals

66% MORE WEAR on cylinder walls (5) 147% MORE WEAR on main bearings (6) 78% MORE WEAR

> TRACTOR PARTS LAST LONGER WITH GASOLINE

on connecting rod bearings

(high altitude) pistons, cold-type spark plugs, and setting the manifold to the cold position are all that is required. Detailed information regarding a high compression change-over may be obtained from your tractor dealer or gasoline supplier or by writing to the Agricultural Division of Ethyl.

#### Gasoline best all-round tractor fuel

Summed up, gasoline is the ideal wartime fuel for the farmer because: 1. It's plentiful. 2. It lengthens tractor life, helps prevent breakdowns. 3. It gives more power. 4. It saves oil. 5. It's more convenient to use-more flexible, easier starting, less trouble-some. Ethyl Corporation, Chrysler Building, New York City, manufac-turer of antiknock fluid used by oil companies to improve gasoline.



Buy U.S. War Bonds and Savings Stamps

#### WORD RATE

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

## **Classified Advertisements**

"Buying or Selling---They Save You Money"

#### DISPLAY RATE

60c an agate line on the basis of a or more issues, 70c a line for less than 4 issues. ½ inch or 7 lines minimum copy. Send in your ad and let us quote you on it. That is part of our service.

#### KANSAS FARMER

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HOW TO MAKE UP TO \$1.50 OR

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FREE book explains remarkable new system that produces strains which lay 12 to 14 months before moulting. Gives 4 to 6 months extra production. Doubles average egg-production of farm hens. Available in 13 breeds from 100% Bloodtested flocks. Sexed if wanted. Money back guarantee on losses first two weeks. For FREE copy, write Allen Smith.

SMITH BROS. HATCHERIES
204 COLE STREET MEXICO, MO.

AAA QUALITY

KANSAS PULLORUM TESTED CHICKS

Replacement Guarantes As hatched Pullets Ckia.

Large Type Wh. Leg. 37.95 514.00 \$3.90
Wh., Bd., Rks., R. I. Reds. 7.95 10.95 7.95
Bf. Orp., N. H. Reds 7.95 10.95 7.95
Wh. Glants, Wh. Wy. 7.95 10.95 7.95
Wh. Glants, Wh. Wy. 7.95 10.95 7.95
Austra Whites 7.95 14.00 5.40
Heavy Assorted \$6.95; Leftovers, \$5.95. Prepaid in 100 lots. Moline Hatchery, Moline, Kan.

Atz's Famous Chicks—For immediate delivery
—All from Bloodtested Stock, postage prepald,
100°c alive with Livability guarantee, in the following breeds: Black Australorps, White Wyandottes, White, Barred and Buff Rocks, Rhode Island Reds, Buff Orpingtons, Silver Laced Wyandottes, White, Buff and Black Minorcas, Anconas, Brown Leghorns, Blue Andalusians, BigEnglish White Leghorns and White Giants, We
specialize in day old pullets and cockerels. We
urge you to get our circular and prices before
buying, Atz's Mammoth Hatcheries, Dept. 9,
Huntingburg, Indiana.

Immediate Belivery—Limited Time. Thousands weekly. Our regular terms. Send Cash. Select Big English White Leghorns, \$6.90. Pullets \$10.90. 3 to 4 weeks Started White Leghorn Pullets, \$18.95. Rocks, Reds, Wyandottes, Orpingtons, Anconas, Minorcas, \$6.95. Pullets, \$9.95. Heavy cockerels, \$6.95. Heavy assorted, \$5.95. Surplus cockerels, \$2.95. Squaredeal Hatchery, Springfield, Missourl.

Schlichtman's U. S. Approved, Pullorum Tested Chicks. Per 100 Prepaid. Lehorns \$7.75; Rocks, Reds, Orpingtons, Wyandottes, Minor-cas \$8.40; Assorted \$5.95. Write for Special Broller Prices. Pedigree sired and sexed chicks, Free Catalog explaining 2-week replacement guarantee. Schlichtman Hatchery, Appleton City, Missouri.

#### SEED

Alfalfa—\$13.90; Timothy—\$2.75; all per bushel. Samples, catalogue, complete price list upon request. \$tandard Seed Company, 19 E. 5th St., Kansas City, Mo.

KANSAS CERTIFIED SEED

KANSAS CERTIFIED SEED

Field Inspected and Laboratory Tested.
WHEAT: Tenmarq, Blackhull, Kawvale, Clarkan, Turkey, and Kanred.
WINTER BARLEY: Reno.
BROME GRASS: Kansas strain.
SWEET CLOVER: Madrid, Common White Blossom.

Blossom,
ALFALFA: Kansas Common and Ladak,
Write for list of growers, Kansas Crosp,
Improvement Assn., Manhattan, Kansas,

Certified Tenmarq Wheat. 96% germination. Price, \$1.40 per bushel. T. Max Reitz, Belle Plaine, Kan.

Certified Tenmarq wheat from registered seed. \$1.65 bushel sacked. Bruce S. Wilson, Man-hattan, Kan.

Baibo Rye—Hardy Northern Seed—State tested \$1.50 per bushel. Roberts Dairy Company Lincoln, Nebr.

6 Dark Red Peonles \$1.00; 40 Iris, 4 best varieties \$1.00, Prepaid, Colored Catalogue free. Order now from Welch Nursery, Shenandoah, Iowa

#### MACHINERY

Parm Machinery, shop-worn, rebuilt and used machinery, Tractor Hay Presses, Combines, Plows, Disc Tillers, Threshers, Several Columbian Steel Row Boats, etc. What do you need? Perhaps we have it. Write for free bargain list. Green Brothers, Lawrence, Kan.

New McCormick-Deering Model "M" Pickup Hay Baler; Model "A" Tractor mower; Two Row Power Drive High Corn Binder. Coolidge Imple-ment Co., Emporia, Kan.

Closing out large dealer stock 32V. Wind Plants and Batteries. Write for details. W. Moore, Elisworth, Iowa.

Minneapolis-Moline Combine. John Deere Trac-tor, with power lift cultivator. Boyd H. Fridell, Robinson, Kan.

For Sale—Two Unit Surge Milker. H. C. Anderson, Americus, Kan.

#### TRACTOR PARTS

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

#### MACHINERY WANTED

Wanted for Defense—Kohler Light Plants, or any type or make; also Caterpillar Tractors and Gasoline Shovels—Draglines, and Ma-chinery, Machinery Sales Company, 3415 Wyan-dotte, Kansas City, Mo.

Wanted: One- and two-row corn pickers. Wiem-ers Implement Company, Falls City, Nebr. Wanted—Baldwin and Minneapolis-Moline Com-bines. Thompson Brothers, Minneapolis, Kan

Field ensilage cutter wanted. Late model. Wal-lace McIlrath, Route 2, Kingman, Kan.

Used Corn Picker. State age, market and price. Ed Broden, Morganville, Kan.

#### EDUCATIONAL

Make up to \$25-\$35 week as a trained practical nurse. Learn quickly at home, spare time. Easy tuition payments. Earn while you learnmany earn hundreds of dollars while studying. Easy to understand lessons, endorsed by physicians. High school not required. Our 42nd year. Write for free booklet and sample lesson pages, Chicago School of Nursing, Dept. SF-9, Chicago.

#### AUCTION SCHOOLS

Learn Auctioneering. Free catalog. Write, Reisch Auction School, Austin, Minn.

#### CREAM PRODUCERS

Ship your cream direct. Premium prices for premium grade. Satisfaction guaranteed on every shipment. Riverside Creamery, Kansas City, Mo.

#### WOOT.

Wool Batting—the only way to get 100% virgin wool batting is to send your own wool. Old batting also recarded. Write for price list. West Unity Woolen Mills, West Unity, Ohio.

#### FEATHERS

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

#### PATENTS AND INVENTIONS

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

#### TRAPPERS

Trap Fox and Coyote: On bare ground or deep snow. Write for free illustrated circular. Q. Bunch, Welch, Minnesota.

English Shepherd: Pupples. Spayed Femala Breeder for 22 years. Shipped on approva-10c for pictures and description. H. W. Che-nut, Chanute, Kan.

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

Wanted 1,000 Pupples. All kinds. Write. Capit Pets, Denver, Colo.

#### FERRETS

Ferrets: Special ratters \$3.00 each or \$6.00 pair. E. L. Hartman, New London, Ohio.

#### LIVESTOCK FEED AND REMEDIES

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

#### HORSE TRAINING

How to break and train horses. A book every farmer and horseman should have. It is free, no obligation. Simply address Beery School of Horsemanship, Dept. 439, Pleasant Hill, Ohlo

Postpaid to 5th zone; guaranteed, good, juic, mellow Redleaf, 2 years old, chewing or smok-ing; 10 pounds, \$1.50; prompt shipment. Jin Ray, Ralston, Tenn.

#### LIVESTOCK PUBLICATIONS

Good Money in Beef! Raise Aberdeen Angu packers' choice. Hornless, black, hardy, un-form quality, highest dressing percentage. Fe complete information write Aberdeen Angus A-sociation, Dexter Park Avenue, Chicago, Ill.

Hampshire sires will improve your market lambs. Free booklet and breeders' list. American Hampshire Sheep Association, 72½ Wood-land, Detroit, Michigan. BUSINESS OPPORTUNITIES

Wanted men and women to buy cream and produce west Missouri and east Kansas. Cast and equipment furnished. Our representative will help you start and operate a business few yourself. Write Post Office Box 4026, Kansas City, Missouri.

#### MEDICAL

Free Book (122 pages)—Piles, Fistula, Color-Stomach, associated conditions. Latest methods, McCleary Clinic, E2740, Excelsior Springs. Mo.

#### PERSONALS

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

#### FEMALE HELP WANTED

Make Easy Cash showing Christmas Card.
Beautiful Name-Imprinted folders 50 for 51.
New 21-card \$1 "Christmas Bells" Assortments
pays you 50c. Ten other popular assortments
Free samples. Grogan, 30 East Adams, Dept.
H-71, Chicago.

#### AGENTS WANTED

Wanted: Man for profitable Rawleigh Route Must be satisfied with good living at start. Write Rawleigh's, Dept. I-101-KFM, Freeport. III.

LAND-KANSAS

## Own Your Own Kansas Farm KANSAS FARM INCOME

Up 45 Per Cent in 1941 Select from 1,700 choice Kansas farms the one that fits your needs. We have prepared a list of these divided by counties for those interested.

terested.

A small down payment, low interest, and reasonable yearly installments on principal make these attractive properties ideal buys. A card or letter will bring you our complete list of available land. Please advise section of Kansas in which you are interested.

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

Listen to Cedric Foster at 1 p. m., Monday

Listen to Cedric Foster at 1 p. m., Monday through Friday, over KTSW, Emports: KVGB, Great Bend, 1400 Kilocycles; or KSAL, 1150 Kilocycles; or For information on farms or loans, write: When writing from Rural Route state mily you live from town and direction)

#### Warren Mortgage Co. Emporia, Kansas

Settle Estate 320-acre wheat farm Clay countly Well improved. 50 acres good pasture, halance plowland. Plenty water. Mile to school and miles church. Priced for quick sale, Addres Box 100, Kansas Farmer, Topeka, Kan.

132 Acres adjoining White City. 8 room house, electricity, water, barn, granary, chicked house, good repair. Bargain at \$40.00 acre Cas discount. L. G. Scott, White City, Kan. For Sale—All kinds of Real Estate in one of Kansas' best counties. B. W. Stewart, Ablence, Kansas.

100 Acres. Well-improved dairy farm. Chesp. Terms. Theo. Fischer, Eureka, Kan.

## The Trend in Kansas Is Toward TOMSON HYBRIDS

Because they are grown in Kansas and have proven their adaptability

Because they are grown in Kansas and have proven their adaptability to Kansas conditions, and will make larger yields for you.

Every variety we produce has been selected and bred for heat and drouth resistance. Our seed is backed by a replanting agreement which provides for free seed, should you for any reason, have to replant.

Our customers of last year are reporting highly satisfactory results, and are sending in larger orders for the next planting.

Won't you join with this progressive group of farmers and plant the seed that has demonstrated its dependability here in Kansas?

We want you to mail us a card for our illustrated circular which gives

We want you to mail us a card for our illustrated circular which gives detailed description of all of our varieties, both yellow and white. These varieties vary from medium early to late maturity, and fit all Kansas conditions and types of soil.

For your convenience we present the names and addresses of our salesmen as follows:

Sam Amcoats, Clay Center, Kan. Ray Boyles, Silver Lake, Kan. Wilson Bundy, R. 7, Topeka, Kan.

Arthur Cederberg, R. 5, Manhattan, Kan.

Arthur Ferris, Williamstown, Kan.

Rex B. Foltz, R. 1, Wamego, Kan. John Foltz, Wakarusa, Kan. Chas. Gigstad, Lancaster, Kan. Gustafson Bros., Osage City, Kan.

A. Ham & Son, Prescott, Kan. Harveyville Grange Co-op. Bus.

Assn., Harveyville, Kan., V. J. Dinwiddie, Mgr. John Holstrom, Randolph, Kan. | Mack Young, Richland, Kan.

Hull & Burdett, Ionia, Kan. Albert Johnson, Delphos, Kan. Richard Lynch, Carbondale, Kan. Tom McCubbins, Effingham, Kan. Ben McCammon, Tecumseh, Kan.

Paul McClelland, Maplehill, Kan. A. T. Rezac, St. Marys, Kan. Hans E. Regier, Whitewater, Kan.

Reading Produce Co., Reading, Kan. Stanley Smith, Belvue, Kan.

Keith Swartz, Denton, Kan. John R. Tomson, Dover, Kan. Fred Walker, Overbrook, Kan. H. W. Wilson, Quenemo, Kan.

Don't Experiment With Your Corn Crop PLANT

## TOMSON HYBRID SEED CORN

Our Seed and Shorthorns Make Good WAKARUSA Kansas

## Limited Tine—Immediate Shipments—Choice quality White Leghorns, \$6.85. Pullets \$10.90. \$1.8.95. Rocks, Reds, Orpingtons, Wyandottes, \$6.95. Pullets \$9.95. Heavy assorted \$5.95. Surplus assorted \$2.95. 18 breeds. Catalog Free. Thompson Hatchery, Springfield, Missouri. Booth's Chicks—Early, vigorous, Hatched to live, Excellent layers, Leading breeds, Sexed, Started, Attractive prices, Free Catalog, Booth Farms, Box 508, Clinton, Mo. Colonial Chicks: World's largest capacity means rock bottom prices. Leading breeds. Catalog free. Colonial Poultry Farms, Wichita, Kan.

#### Before ordering fall chicks, write The Thomas Hatchery, Pleasanton, Kan. WHITE LEGHORNS

Triple Guaranteed Large White Leghorns. 300-Egg Pedigreed Foundation Stock. Approved AAA Pullets, \$13.95; Nonsexed, \$7.95; Cock-erels, \$3.95. Postpaid. Free Catalog. Ortner Farms, Clinton, Mo.

Pullets: Ready-To-Lay: ½ Grown, or Started.
18c to \$1.00. Circular Free. Hillview Leghorn
Farm, Box 721L, Bethany, Mo.

#### POULTRY PRODUCTS WANTED

Farmers: Attention—Ship your guineas, turkeys, brollers, ducks, geese, springs, hens to us. Coops loaned free by prepaid express. Write for quotations. Kirk Produce Company, Kansas City, Missouri.

#### 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

Welders, Arc, New and Used, \$20.00 up. Power line or 32-volt plant. Circulars. Allmand, Huntley, Nebr.

#### PHOTO FINISHING

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

Eulargement Free, eight brilliant border prints and your roll developed 25c. Camera Com-pany, Oklahoma City, Oklahoma.

Better pictures, quicker service. Rolls developed. 2 prints each negative, 25c. Reprints, 2c. Fox Studios, Billings, Mont. Rolls Developed: Two prints each negative 25c. Reprints 2c each. Summers Studio, Union-ville, Mo.

#### SPARROW TRAPS

Sparrow Trap that does the work. A customer writes, "A few weeks ago I sent for your sparrow trap plans, made one and it works fine." They are easy to build. Send 10c for plans. Sparrowman, 1715A Lane, Topeka, Kansas.

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## WANT A FARM?

Most people do. Some good ones in Eastern Kansas can still be had. Landlord's rent will pay for them. Liberal terms if needed.

R. M. HUTCHINSON 412 Capitol-Federal Bldg., Topeka, Kan.

## Farm Homes

In Eastern Kansas, for sale or rent. All sizes and types. Advise us what you want and where it must be located. Also tell us how to reach your present home.

EARL C. SMITH
412 Capitol Federal Bidg., Topeka, Kansas

Suburban Home—30 acres, near college, good land, 6 rooms, large barn, city water, gas and electricity, \$4000. T. B. Godsey, Emporia, Kan.

LAND-MISCELLANEOUS

## Wanted: A good Farmer

with 100 head of good white-face cows. We will sell to you 885 Å. stock and grain farm that is in the pink of condition with only \$5,000.00 cash and lef the calf crop from the above mentioned 100 cows pay the balance due on the farm with 4% interest.

160 A. Creek bottom farm land, plowed, 320 A. bluestem pasture, 60 A. alfalfa, 45 A. Lespedeza, 7-room modern house on rock road, 90 A. growing feed crop, oat strawstack from 50 A. oats. All goes, immediate possession, Lyon County, and control of the control of the county of the co

P. O. BOX 2001, WICHITA, KANSAS

Going stock farm, 159 acres, with 5 good springs;
Dandy set-up for stock raising located in popular Ozark region of southern Missouri, on cream route, RFD gravel road only 4 mile grade school, church; 100 acres cultivated, 55 lespedza, dandy pasture watered by 5 good springs, estimated 10,000 ft. oak saw timber, orchard 100 peach trees, 25 apples, 15 cherries few Pears, plums, grapes, berries for family use; white frame house, 4 rooms, beautiful willows; white riame house, 4 rooms, beautiful willows; brows, broms, bearing and spring-house, white rained as willows, brood sow, 50 hens, farming equipment, at only \$2,750, \$1,600 down; carry on moneymaking operations here, Page 21, free Fail catalog, 7 Midwest States, United Farm Agency, KF-428 BMA Bldg., Kansas City, Mo.

Federal Land Bank, Wichita, Kansas—Farms for sale in Kansas, Oklahoma, Colorado and New Mexico. See National Farm Loan As-sociation in your county, or write direct. Give location preferred.

Farms and Ranches. If you will tell us what you want and how you can handle, we can serve you advantageously. F. J. Shindler, Deertrall, Colo.

#### IN THE FIELD



Jesse R. Johnson Topeka, Kansas

#### More Attractive Offer

A genuine loss to Kansas is Minnesota's gain this month as Dr. Lester O. Gilmore, extension dairyman, leaves this state to become a member of the dairy staff at the University of Minnesota. Regarded as one of the most valuable workers in the Kansas Extension Service, Gilmore was popular with practical dairymen and highly respected in the field of dairy science.
As expressed by J. W. Linn, senior

member of the extension dairy force, "Kansas dairymen can't say too many good things about Lester Gilmore and his work. He brought an inspiration to the college dairy department and to all dairymen whom he contacted in his work."

Working in active co-operation with Kansas Farmer, Gilmore did an outstanding job of helping conduct Kansas Farmer's state-wide dairy judging contest, and the Kansas Farmer Essay Contest. He was a ring-leader in organizing the Kaw Valley Breeding Association at Topeka, which is now attracting attention from dairymen thruout this part of the country.

In his 3 years with the Extension Service Mr. Gilmore gained the confidence and admiration of dairymen in nearly every county who found practical, profitable ideas in Gilmore's broad understanding of the dairy business. A native of Minnesota, Lester Gilmore was graduated from the University of Minnesota in 1932. He received his Master's Degree at Kansas State College in 1933, and his Doctor's Degree at Minnesota in 1939.

Lester O. Gilmore

In his new duties at Minnesota, Gilmore will be a member of the resident staff, in the dairy department, under Prof. J. B. Fitch, former head of the Kansas State College Dairy Department, who now heads the Minnesota department. Gilmore's work will include both teaching and research.

Kansas dairymen lament that Kansas cannot bid high enough to retain the services of men like J. B. Fitch and Lester Gilmore. At the same time, Lester's many friends in this state rejoice in his personal success. They join heartily in wishing further successes and happiness for he and Mrs. Gilmore.

DWIGHT C. DIVER, of Chanute, announces a Shorthorn sale to be held in the new stock barn on the LACKEY-LAUGHLIN farm near Humboldt. This firm will have a consignment in the sale. The date is October 23.

JOE A. WIESNER, Duroc breeder of Ellis, announces a sale to be held on October 10. Mr. Wiesner has one of the good herds in the western or central section of the state. Advertising will appear in the next issue of Kansas Farmer.

W. M. ROGERS, Duroc breeder of Alta Vista, is entirely sold out of bred gilts and writes to have his card changed to boars and gilts sired by Iowa Master and The Corrector. Mr. Rogers has a fine lot of fall pigs and more to come sired by Special Bilt.

For catalog of the J. W. ANDERZOHN & SONS Milking Shorthorn dispersal sale, to be held at Council Bluffs, Iowa, on September 30, write H. C. McKelvie, Council Bluffs. Mr. McKelvie writes that the offering is first class in every way. Best of bloodlines, uniformity and heavy production.

Kansas farmers and breeders who wish to see and buy Missouri Angus will have an excellent opportunity for inspection of more than 100 head if they attend the NODAWAY COUNTY BREED-ERS SALE, at Maryville, on October 5, and the EVANS-LARMER sale, at Maryville, on Oc-tober 6.

P. R. SMITH, owner of Lakehill Jersey Farm, Joplin, Mo., will sell 70 registered Jerseys at auction on Monday, September 28. Here is one of the highest producing, classified herds in the Midwest. The herd has also been a consistent winner at the important shows of the United States during recent years. Write for catalog.

The first annual sale of the KANSAS JERSEY BREEDERS ASSOCIATION will be held on the fairgrounds at Topeka, Tuesday, October 6. About 50 head will be sold. Information regarding the cattle, breeding and consignors may be had by writing Carl Francisco, Edna. Mr. Francisco is the secretary.

A recent letter from MRS. A. C. TANNEHILL AND HARRY, of Broughton, advises that the Ayrshires that sell in their Wednesday, October 7, sale are doing fine. This is a dissolution sale and will include some of the best bred and highest producing stock of the breed. The sale will be held on the farm near Broughton.

C. R. ROWE & SON, of Scranton, are featuring the get of the good breeding Poland China boar Rowes Belgian in their October 2 sale. They write that gilts of March farrow in their show herd sired by this boar will be weighing nearly 300 pounds by sale day. The sale will be held in the pavilion at Lawrence.

CLARENCE MILLER speaks of his coming Duroc sale as a "one stop" event, meaning that those who attend won't find it necessary to wear out tires in making trips to other places in a boar hunt. He says if they want the low-set, thick sort one trip will do the job. Remember the date, Saturday, October 3.

W. H. MOTT, of Herington, announces 2 important Holstein sales. On October 6, the HARVEY COUNTY BREEDERS will sell at Halstead, the sale to be held on the Dr. Hetzler farm. On October 22, THE CENTRAL KANSAS sale will be held at Hillsboro. For information regarding these sales write Dr. W. H. Mott and watch Kansas Farmer for advertising.

The HARVEY COUNTY HOLSTEIN BREED-ERS sale will be held on the Hertzler farm near Halstead, Tuesday, October 6. W. H. Mott writes that a choice lot of cattle, has been selected, all cows in milk or nearly so or about ready for good winter cows. Most of them are good grades and all Tb and abortion tested. They have been taken from good herds of the territory, accord-ing to Mr. Mott.

EARL H. KELLY, Hampshire swine breeder and regular advertiser in Kansas Farmer, writes

to say that business is good, plenty of sale for "Hampshires with Hams," did a lot of winning at recent county fair, and mentions consignments to the state sale to be held at Manhattan, October 19. Mr. Kelly has recently formed a partnership in the breeding business with L. O. RICHARDSON, the capable young man who has been in his employ for some time.

A. H. KNOEPPEL, of Colony, announces a registered Jersey cattle sale to be held November 19. Mr. Knoeppel is one of the oldest Jersey cattle breeders in the state. His bloodlines and the individual excellence of his cattle make this coming sale one of interest to farmers and breeders seeking an investment in profitable dairy cattle. For many years the Knoeppel cattle have been exhibited at the big shows and have been heavy winners. More about this sale offering will appear in later issues of Kansas Farmer.

Attention is called to the ETHYLEDALE HAMPSHIRE sale to be held on the farm about 10 miles north of Emporia, Wednesday, October 14. The offering of 50 boars and glits of spring farrow has been selected from 160 pigs grown this season. Included are 2 Register of Merit litters. Mr. Scheel has given much attention to production-tested Hampshires in his breeding operations and demonstrated the importance of selecting breeding stock with this award. The pigs will be well grown but not fitted to an extent that would impair their usefulness as breeders. Every effort will be made to sell the hogs on a value basis, for the Scheel family is in the business to stay and not looking for excessive prices. These folks grow them for everyone, mostly for farmers and solicit that trade especially. Bids may be sent to fieldmen or auctioneers in care of Mr. Scheel, at Emporia.

#### TONGUE-LOCK DIAMOND TOP Concrete Stave Silos



Longest possible service with the least possible werry and treuble are the big features you will enjoy in your McPHERSON TONGUE-LOCK DIAMOND TOP CONCRETE STAVE SILO. You also have our 30 years of experience to assure you of a better silo.

Contract this month for a McPherson silo while materials are still available.

McPHERSON CONCRETE PRODUCTS CO. 323 North Ash Street McPHERSON, KANSAS

#### ~~~INSURED~~~~ Be Patriotic and Thrifty, Too

Our government needs money to finance war housing programs through FHA. We already have loans for such con-struction totaling nearly a million dol-lars. New funds are needed.

Your dollars, working in a Topeka Building and Loan investment or savings account will help to finance the new war program construction at a profit to you. Funds received above our FHA loan needs will be invested in U. S. Government or War Savings Bonds. Write for complete information to:

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There are bargains and opportunities here that will save you money. Here is where farmers meet farmers in an exchange of items which one or the other no longer needs because of changing agricultural methods or conditions. Both buyer and seller profit in such an exchange. buyer and seller profit in such an exchange.

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Kansas Farmer, Topeka, Kansas

## October 3 **Will Be Our Next Issue**

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

Saturday, Sept. 26

You can now buy your hybrid seed corn best suited for your own locality right here in Kansas. Produced by expert corn growers from parent strains developed by the Kansas Experiment Station and the U. S. Department of Agriculture, these Kansas hybrids are best suited for Kansas climate.

Hybrid Seed Corn Acclimated to Kansas!

--- Because It's Produced in Kansas!

Several producers below grow U.S. 13, U.S. 35, Illinois 200, K.I.H. 38-the only hybrids officially approved by the Kansas Experiment Station.

#### Order Early From These Growers

Varieties— U.S. 35; K.I.H. 38 Broughton	LAWRENCE HOOVER Varieties— U.S. 35; K.I.H. 38 Junction City		
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HOWARD E. HANSON Varieties— U.S. 13*; K. 69 (White) R. 7, Topeka	MITCHELL TESSENDORF Varieties— U.S. 13; K.I.H. 38		
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Supply available for 1943 is limited and will be exhausted early. Call or write any one of the growers above.

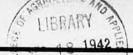
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## 170 Purebred Guernseys

at Auction

**OVER 100 COWS IN MILK** 

Sons, daughters and grand-progeny of some of the GREAT bulls of

Parsons, Kan., October 12 60 head (Southeast Kansas Guernsey 6th Annual Sale)

Oklahoma City, Okla., October 14 60 (Oklahoma Guernsey Breeders' Assn. 6th Annual Sale) 60 head

Dallas, Texas, October 16 50 head (Texas Guernsey Breeders' Assn. 1st Annual Sale)

For Catalog Write

MORT WOODS, Sales Manager, ARDMORE, OKLA.

## Miller's Duroc Boar and Gilt Sale



Saturday. October 3. Alma, Kan. Sale in Delf's Barn

60 HEAD Real feeder - type Duroc boars and gilts (tops from 200 head) of high-quality registered spring pigs. Double im-

Miller's Kind

Miller

CLARENCE MILLER, Owner, ALMA, KAN. Jesse R. Johnson, with Kansas Farmer

Bert Powell, Auctioneer

## **ROWE'S ANNUAL POLAND CHINA SALE**



(Pavilion east of Friend Lumber Yard one-half mile.) Lawrence, Kan., Friday, October 2

50 HEAD selected boars and gilts. Mostly sired by Rowe's Belgian (the boar that sires them short and thick.)

If you want this kind, attend this ale. "NONE SUCH" and 3 litter sissale.

show herd. They will be weighing close to 300 pounds sale day. (Not bad for March pigs.) Belgian is one of the great junior yearlings of the breed. Better "be safe than sorry" and attend this sale. Write for catalog to

C. R. ROWE & SON, SCRANTON, KAN.

## NEW HOPE BERKSHIRE AUCTION



Rockport, Mo., Saturday, October 10, 1 p. m.

50 — REGISTERED BERKSHIRES — 50

10 late fall boars, 20 spring boars and 20 spring glits. This sale offers boars and glits that are close to the ground, heavy boned, wide backs and good full hams. Bloodlines Represented: Falcon 2nd, Typesetter 2nd, Sycamore Air Pilot.
Entire herd vaccinated for erysipelas and cholera.
For Free Catalog write to

HAROLD LUHRS, ROCKPORT, MO.

G. H. Shaw, Auctioneer. Bids may be sent to auctioneer. Bids may be sent to auctioneer in my care and I guarantee satisfaction.

BERKSHIRE HOGS



Do You Need A Real Berkshire Boar

Reasonable Prices. Write Shadowlawn Berkshire Farm

O. I. C. HOGS



**PEDIGREED** O.I.C. PIGS
Special Prices
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Experienced, Capable AUCTION SERVICE Chas. W. Cole Wellington, Kan.



BERT POWELL

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LIVESTOCK AND REAL ESTATE
TOPEKA, Kan.

Buy U. S. Savings Bonds

WHITE BROTHERS, Registered Shorthorn and Ayrshire cattle breeders, write optimistically regarding conditions in their part of the state. They have just purchased a new Shorthorn herd header, a son of Gallant Minstrel. Among other news items is the report of having sold 15 Ayrshire cows and heifers. Cattle doing fine and plans being made to hold a Shorthorn sale this fall. About 75 head to be offered, all selected from their herd of 150. Selling eggs by the basketful and guineas getting fat.

In his quiet and unassuming way CHARLES W. COLE has made for himself a definite place as an auctioneer in the territory where he is best known. Honesty and hard work are his best recommendations. He counts his friends by the number of farmers and breeders who have met him at sales during the last several years. Mr. Cole reports unusually good prices prevailing in the southern section of the state where most of his work is being done. He is located at Wellington.

VIRGIL E. WALTER & SON, who live in Northwest Missouri, near Rockport, have done a most excellent job of raising registered Spotted Polands for several years. These practical farmer-stockmen think first in terms of a profitable pork producer and buy the boars with that idea in mind. They purchased the top boar in the Alvin Sunderman sale of Iowa last fall and a good boar in the J. D. Gates sale at Ravenwood, Mo. These are the sires of the 1942 spring and fall pig crops. and fall pig crops.

MORT WOODS, of Ardmore, Okla., announces Guernsey sales that will and rightly should be of interest to readers of Kansas Farmer. The Parsons, Kansas, annual sale will be held October 12; the Oklahoma breeders' sale at Oklahoma City, October 14, and the Texas breeders will hold their first annual sale at Dallas on October 16, One hundred seventy head of high-quality purebred Guernsey cattle will be sold in the 3 sales. More than 100 cows in milk included. For catalog of these sales write Mort Woods at Ardmore, Okla. MORT WOODS, of Ardmore, Okla., announces

The C. E. LACY Shorthorns are being shown at district and county fairs and will be at Hutchinson for Kansas State Fair. A recent visit to the Lacy farm, at Miltonvale, indicates the rapid progress in herd improvement that has been made by this firm over a period of years. In their October 21 sale to be held on the farm, the blood of the Canadian bull Glenburn Destiny will be featured. A large per cent of the offering will be young bulls and helfers sired by him. Publicity regarding this sale will appear in the next issue of Kansas Farmer.

FRED P. CHILEN, well-known registered Aberdeen Angus breeder located at Miltonvale, announces a production sale to be held at Clay Center, Saturday, November 14. The sale of 50 head will be composed of young bulls ranging in age from 12 to 18 months, and bred and open helfers. The offering is largely sired by or bred to the great breeding bulls Revolution Of Wheatland 50th and Applewood Bandolier 62nd. The entire 1941 and 1942 show herds go in the sale. Further information regarding the offering will appear in later issues of Kansas Farmer.

The FRANK B, GRAHAM sale, held at Harris, on September 10, was well attended and while prices were not high it was a satisfactory sale. The top of the sale was lot 1, the 12-year-old herd sire. He sold for \$300 to A. E. Duree, Fall River, A few of the females with calves at side came close to that figure. The offering as a whole was not carrying sufficient flesh to bring high prices but they were in proper condition to go ahead and make the new owners a profitable investment. The greater part of the sale offering stayed in Kansas with Missouri buyers taking several head.

THE EVANS-LARMEB Angus sale at Maryville, Mo., on October 6, is a reduction sale of 2 well known and long established Northwest Missouri herds. These herds have followed similiar methods of improvement and were both established on Marshall and Revolution breeding. In order to take care of their herds with a minimum of labor they have gone deeply into the respective herds and selected females that ordinarily would not be sold. The bulls are a most useful lot and they sell one herd bull that has sired many of the "Tops" in this sale. Write for a catalog to Rol M. Evans, manager, Maryville, Mo.

S. B. AMCOATS, of Clay Center, Shorthorn breeder and Kansas Farmer advertiser, reports the best sales ever. Abundant grass and feed crops, good prices for all kinds of farm produce and the necessity of producing meat for winning the war have stimulated sales during the last few months. Among recent sales was a cow and caif to Howard Johnston, of Wamego. Howard will start to camp soon to begin serving his country, and when he returns he hopes to have a nice start in Shorthorns on his father's farm. Among other buyers were Oscar Nelson, Ada; E. Nagley, Abliene; and Fred Yarrow, Clay Center. These buyers bought from one to 3 head each. Good Shorthorns are always available on the Amcoats farm.

NODAWAY COUNTY has long been recognized as one of Missourl's leading Aberdeen Angus sections. This does not happen in just a year or two. It was brought about by a number of Angus breeders who were not satisfied with just good Angus. They wanted them better than the average. On Monday, October 5, they will hold another one of their consignment sales at Maryville. Secretary Hai T. Hooker advises me that the sales committee was very careful in making sales selections and that this sale will have more than 50 head of the best registered Angus they have ever sold. Popular bloodlines combined with excellent Angus type should appeal to prospective buyers. They are selling that kind in just good breeding condition. We suggest you write the secretary at Maryville, Mo., for a sales catalog.

It's a far cry from granddad's old Red Polled cow to the straight-backed, level-uddered, high-producing registered Red Polls to be seen on the G. W. LOCKE farm at DeGraff. Mr. Locke has been almost 30 years building on the foundation he and his wife started with when they began housekeeping for themselves. The herd now numbers more than 100 and is easily the largest and best herd of the breed to be found in the entire state. Many new herds have been started with stock from the herd and bulls have gone out in many states besides Kansas to strengthen grade herds. Each time a bull was bought an effort was made to buy a better one than his predecessor. The present bull, altho he follows many carefully selected sires, is easily the best, all points considered, that has ever headed the herd. He comes from a great line of heavy-milking cows and is an unusually desirable type, very smooth. and is an unusually desirable type, very smooth, mellow and thick. He is a state fair winner and

sired one of the great show bulls of the breed. The Locke family is now milking 30 cows. Great care has been taken during the years to market poor-udder and off-type cows. The herd accumulates rapidly and the usual number of milk cows must be kept to supply the milk customers in El Dorado, but the young stock goes out to new homes right along.

I have just received a nice letter from KEN-NETH PHILIPS, of Manhattan, calling attention to the fact that he and his brother Roy had their Holstein herds classified some time ago with the following results: Five very good, 14 good plus, 17 good, and only one fair. There were some differences in the ratings of the 2 herds but the total was as given. Added to this, the heavy production of the herds account to some extent at least for the good inquiry and sales that have been made on young bulls. Among the buyers of the season were E. H. Groth, Satanta; E. A. Hammett, Manhattan; Hubert Hoffman, Elmo. J. W. Anderson, Bala; S. M. Carnahan, Garrison; Lewis Platt, Manhattan; and cows to John H. Rietzel, Waterville. The brothers are always in position to interest visitors in young bulls from high-record ancestors. The farm is located North of Manhattan near Garrison.

Readers of Kansas Farmer will hear with regret that the J. B. SHIELDS registered Polled Hereford herd is to be dispersed. The date selected for the sale is October 28, the sale to be held on the farm near Lost Springs. Owing to his advanced age and the almost Impossible task of obtaining help this dispersal is necessary.

Mr. Shields is probably the oldest continuous breeder of registered Hereford cattle in the United States. He bought his first Polled foundation in 1908 and built up his present herd from a Gudgel & Simpson foundation. He was a charter member of the American Polled Hereford Association and is a former president of that association. Mr. Shields' 2 sons are breeding Herefords on farms of their own and will continue in business. The herds have always been owned separately but advertised jointly. More about this sale will appear in later issues of Kansas Farmer.

The W. A. ROSENBERGER Polled Shorthorn herd, at Greensburg, is an excellent example of what can be accomplished by sticking to a definite type in selecting herd bulls. This herd was established more than 25 years ago. At the time of founding the herd a definite type was in the mind of the founder, and during the years an effort has been made to buy herd bulls that conformed to the type decided on. Thickness, without loss of size and milking ability. During the time 3 outstanding bulls have been used from the Albert Huitine herd in Nebraska. Every one has been a herd improver. The present bull has sired 3 crops of thick, uniform calves. Thru the Huitine sires a lot of Scotch blood has been brought into the herd, but the big, wide-backed cows have big, well-placed udders and have more milk than their calves can use when they are fresh. Many of them are milked regularly. Bulls from the herd have been sold over the years to commercial cattle growers of the territory, that is after the less desirable ones have been taken out for the commercial market. The new herd bull from the Lewis W. Thieman herd is bred right and should have a big part in the improvement of the herd. He is a double grandson of Count Coronet.

HAMPSHIRE HOGS

#### ETHYLEDALE FARM HAMPSHIRE SALE October 14

50 HEAD, including 1 Register of Merit litter of 10 sired by The Corrector and 1 R. M. litter by B & B Special. 25 BOARS, March and April farrow. Sired by B & B Special. 25 GILTS, King of Clansman and Ethyle-dale Roller.

ne Roier. Farm located 10½ miles north of town on l-weather road. (Buy Production-tested Hampshires.) For catalog address

DALE SCHEEL, EMPORIA, KAN. Col. G. H. Shaw, Memphis, Tenn., Auctioneer Jesse Johnson, Fieldman

McClure's Correct-Type Hampshires

C. E. McCLURE, REPUBLIC, KAN.

**Buy Hampshires With Hams** We will sell a boar and a gilt in the Kansas Hampshire sale. The gilt will be one of the winners here at Stafford fair, you pick the boar. A Stepahead, a Steam Roller, a Spot News or a Page Boy, Jr. Drop us cards and tell us what you want.

KELLY & RICHARDSON, STAFFORD, KAN.

Sunshine Hampshire Farms recently sold SUPER SCORE to Gilbert Gardner of Indiana for \$500. His pigs did the selling Boars sired by him for sale at farmers prices See our Hamps at LINCOLN and TOPEKA Fairs. 40 to choose from.

AND MRS. WARREN PLOEGER MORRILL, KAN.

Bergsten Offers Hampshire Gilts 25 nice ones, bred for September to Advance Hawkeye Lad. Ours are the better-hammed, shorter-legged kind. Also weanling boars. 75 to

pick from. Immuned. R. E. BERGSTEN & SONS, RANDOLPH, KAN. **Hampshires Always For Sale** 

Selected spring pigs sired by Trade Wind Clan. Damiclose up descendents of High Score and Storm Defender. Uniform in type. PAUL CORK, WINONA, KAN. STEINSHIRE CORRECT TYPE HAMPSHIRES

100 spring pigs, by 3 different boars, Most of them by SILVER FLASH (3 times Kansas and 1 time Grand Champ, American Royal), Many by Spots Liner (son of Spots News), Immuned and ready to go.
Chas. Summers & Son, Hutchinson, Kansas Farm at Langdon, Kan., A. B. Cooper, Herdsman.

JERSEY CATTLE

#### Registered Jersey Cattle Sale

70 Head Sell at LAKEHILL JERSEY FARM ated on Highway 71, 7 Miles South of

Joplin, Mo., Sept. 28

50 Cows in Milk — Fresh and springers, have records, Bred heifers and heifer lves. Five 2-star bulls.

Many Winners in the Show Ring Sell

Write for catalog to P. R. SMITH, R. 2, JOPLIN, MO. Bert Powell and Roy Pauli, Auctioneers

HEREFORD CATTLE

ereford Bulls--Serviceable Age elfers bred or open. Hazlett and WHR blood pure form or in combination. Choice of our year-old show and herd bulls, of Hazford ppert 25th breeding; perfect breeding form.

1914—Hansen's Registered Herefords—1942 Herd headed by Beau Blanco M, bred by the late bt H, Hazelett and Adv. Mischlef 30th by Advan-shlef 7th owned by Benton Marshall & Sons, Craw-d, Nebraska. Bred cows and helfers, yearling helfers, i and helfer calves. These cattle are priced to sell be-ne of labor shortage. P. F. HANSEN, Hillsbore, Kan.

ANGUS CATTLE

**BULLS FOR SALE** d whose discards top best markets. E. L. BARRIER, EUREKA, KANSAS

GUERNSEY CATTLE

**Guernsey Heifer Calves \$110** 4-8 weeks old, well started, unregistered Guernsey r calves \$110. All express charges paid by us. Also stered bull calves. Leekeut Farm, Lake Geneva. Wis.

DUROC HOGS

herwood Durocs for Farmers 50 spring pigs (sired by a son of Grand Duke, and champ. Ill., 1941). 90 spring pigs (sired by son of Top Row, grand champ. 1938 and '39). gistered and immuned. Unrelated pairs.

SHERWOOD BROS. Concordia, Kan.

Duroc Boars and Gilts

asy-feeding type, sired by boars and out as of proven bloodlines. 95 spring pigs to from; Cholera immuned. THUR E. ROEPKE, WATERVILLE, KAN.

EXTRA GOOD GILTS

d to Proud Cherry Orion and Fancy Dia-my two extra-thick, easy-feeder type Outstanding boars carrying best blood of asy-feeder quality kind. For best in Durocs G. M. SHEPHERD, LYONS, KANSAS

FANCY FALL GILTS

standing spring pigs. M. HOOK & SON, SILVER LAKE, KAN.

uston's Short-Legged Durocs are sold out of bred sows and bred gilts re now booking orders for bred gilts fo pring farrow. The old original, short-legge c herd. Immuned, shipped on approval. ature. W. R. HUSTON, AMERICUS, KAN.

Hilbert's Improved Durocs

5 years of careful breeding is responsible for the st sows—mothers of our 775 spring pigs, now on the m. They are by Red Orion (half brother to Golden (sy)—some by Sturde Blit. Come and see them. H. Hilbert, Corning (Nemaha County) Kan.

UROC BOARS AND GILTS meetor, 40 fall pigs. M. "BILL" ROGERS, ALTA VISTA, KAN.

**Bred and Open Gilts** of Thickset. Also registered Polled Hereford Bulls.

A. Wiesner, RFD-1, Ellis (Trego Co.), Kan.

Duroc Boars for Farmers he right kind. Thickset. Cheyenne and Model Path-er blood. Cannot record. Priced right. ar H. Swanson, R. 5, Clay Center, Kan.

DUROC BOARS — BRED GILTS

lits bred for September and October farrow to a son of
king. Boars ready for service sired by Miller's

ry Ace. 200 in the herd, Immuned and ready for a
heme.

Weldon Miller, Norcatur, Kan.

POLAND CHINA HOGS

Polands for Farmers dellaville, (Miami County), Kan.



oland China Spring Boars and Gilts by, from matured sows. Immune. Ready to JOHN D. HENRY, EVEREST, KAN.

DAVIDSON'S PROVEN POLANDS spring pigs, boars and gilts. Sired by Modern Despring pigs, boars and gilts. Sired by Modern Despring pigs, and Low Lad. 4 boars and 2 gilts by the \$345 clier, 40 spring gilts, last of March and first of April w, weighing from 125 to 200. All bred gilts sold. us at the fairs. W. A. Davidson & Son, Simpson, Kan.

75 POLAND CHINA PIGS
ited by Market Star (American Royal Champion) and
Admiration (son of Admiration), the heavymed, deep kind, Pairs unrelated.
Collier & Son, Aita Vista, Kansas

The NORTH-CENTRAL KANSAS FREE FAIR, always conservative and catering to the worth-while rather than the playful, turned more than ever this year from the ice-cream cone and automobile races. The one feature of this year's show fully up to standard was the 4-H show. The boys and girls seemed younger than usual, as if taking the places of older brothers and sisters who had gone to war or into war work. Looking into their serious faces and at the stock they had fitted so successfully one couldn't help but realize the certainty of enduring Democracy. The horse show was about as usual in numbers but attracted more attention than in other years. Something like 250 head of cattle were on exhibit and about the usual swine show, better perhaps for quality but not so many in numbers. Secretary Homer Alkire pronounced the fair a decided success considering the busy season of year and the tire shortage.

Kansas and Missouri Holstein cattle growers and friends of the breed generally will regret to hear that the well-established and heavy-producing Holstein herd established by A. W. ACKER-MANN, of Bennington, Neb., must be dispersed due to the illness of Mr. Ackermann. It is indeed unfortunate that such a high-class dairy herd should be separated at this time when the breeding of better dairy cattle is of such importance to the entire country. The Ackermann herd has stood out as a sort of example and inspiration to young men who were starting herds. But there is consolation in the fact that beginners can start where others leave off and carry on thru what promises to be a series of the best years the country has known for a long time. On another page may be seen the announcement prepared by the sale manager, A. W. Petersen, of Oconomowoc, Wis., For catalog, write Mr. Petersen at his Wisconsin address.

Ten miles east of Pratt is located the GRIER POLLED HEREFORD FARM. The proprietor, W. S. "Pat" Grier, grows wheat and has a filling station by the roadside, but his chief interest is in the direction of breeding Polled Hereford cattle. He has never gone in for the fads and fancies. Has never owned a \$5,000 bull and probably never will. But if Hereford price infiation should come as it once did, Mr, Grier will probably weather the storm in pretty good condition. He thinks of good cattle from the standpoint of rather small profits and isn't afraid to cull closely. Recently he sold some of his more aged cows that weighed up to 1,580 pounds. He prefers to do this and be sure of a fair profit rather than to sell them for breeders and maybe have dissatisfied customers. The herd now numbers 250 head, about half of which are registered cattle. He has a fine lot of young bulls and helfers now on creep in the pastures.

ers now on creep in the pastures.

Shorthorn breeders and commercial cattle growers will recall the high quality and thicktype Shorthorns that have been consigned to some of the sales held in Kansas during the last several years. More than anything else does this reflect on the ability or maybe sometimes accidental selection of herd buils. Few breeders have been more fortunate in making such selections than has PERRY CUMMINGS, who has bred good Shorthorns on the farm where his father founded the herd more than 25 years ago. Perry grew up in the atmosphere of good Shorthorns. Buils from many leading herds of the country have been used in the herd. Gregg Farms Archer, an outstanding buil that left his impress in the herd, came from Gregg Farms. Many of his daughters and granddaughters are still on the farm and sons and grandsons of his have had a big part building other herds of the territory. The present buil is a son of Proud Archer, and his dam an Augusts daughter of Scottish Gloster.

It would take more space than I have avail-

his dam an Augusts daughter of Scottish Gloster.

It would take more space than I have available to tell what has been accomplished on the HARVEY HOMESTEAD over a period of years. But at least one of the outstanding accomplishments has been building one of the greatest herds of registered Holstein cattle to be found anywhere in the entire country. When the herd was founded many years ago there was a lot of breed ploneering to do. Building a great herd of registered cattle from the standpoint of type and production is after all a lifetime job and HARVEY BROTHERS have given years to this task. The farm is located on highway 77 north of Junction City.

Kansas Farmer contains advertising about the big dispersal sale to be made on the farm October 9. After all has been said regarding the offering, the fact remains that few ploneer Kansans have done more for their state than have Harvey Brothers, and if everyone who understands this and realizes the importance of this event attends the sale there won't be room to park the cars sale day. For catalog of this big and important event write G. R. Appleman, sale manager, Linn, Kan.

Twenty-five years ago G. A. WINGERT, of

manager, Linn, Kan.

Twenty-five years ago G. A. WINGERT, of Wellsville, began breeding registered Poland Chinas and supplying his neighbors with breeding stock. During that time he has seen types change and the demand sometimes good and often poor. But his faith in good Poland Chinas has never wavered. All thru the late depression and low prices he stuck doggedly to the production of Polands. Often sales were made without profit but buyers had the benefit of his standing by. Now his field is larger, sales are made in Kansas and other states and it is quite generally known that his hogs, while not in show condition, do well in new hands. He has about 100 pigs in ages from March farrow to June, and 14 sows bred for early fall farrow. Mr. Wingert has always catered to the farmers trade, preferring to sell at moderate prices and rely on quicker and more numerous sales. His sows carry the breeding of such sires as Diamond King, Rowes Golden Rod, and other sires well known for having produced big, profitable-type Polands.

On his well-balanced Baca county, Colorado, stock farm A. E. EMRICK has prospered despite dust storms and other drawbacks. His herd of registered Milking Shorthorns has been the basic of his success. Starting with a four band spite dust storms and other drawdars. His herd of registered Milking Shorthorns has been the basis of his success. Starting with a few head several years ago he has used good bulls and saved his best heifers, and now has one of the best herds in Eastern Colorado. In service is the good breeding bull Village Bates, a son of Griffarm Royal Bates, coming from the noted Griffarms in Kentucky. The cows in the herd are of good, dual-purpose type. As rapidly as possible R.M. records are being made. Just now there are 5 head with such records. The female foundation comes from leading breeders. A matter of interest is the way the cattle are handled. They live and develop under semi-range conditions and are fed only such grains as grow on the farm, kafirs being the principal grain ration. Wheat pasture in winter and buffalo grass in summer. But usually they are found in excellent breeding form. A fine selection of young bulls of various ages are now on hand sired by the Griffarm bull. The boys are fitting calves and registered Hampshire sheep for local fairs.

## **Harvey County** Holstein Breeders' Sale Tuesday, October 6

65 head of choice high-grade Holstein cows and heifers 5 purebred, nearly all just fresh or heavy springers

These are selected cattle, all good ages, many purebred but not registered. Tb.- and Bang's-free.

The Central Security Company of Newton, Kan., will extend liberal credit to purchasers and will be at the sale for the convenience of buyers early on sale day. I suggest that you come early to make credit arrangements and look over the cattle before the sale starts.

There will also be sold a 2-unit Surge Perfection milker with all connections-stall cocks, piping in barn and a motor. Equipment almost new.

Sale starts at noon.

W. H. Mott, Sale Manager, Herington, Kan. Boyd Newcom, Auctioneer

OWNER'S HEALTH FORCES SALE OF WORLD'S RECORD HERD

## \* ACKERHURST DISPERSAL \*

Tb. Accredited - A. W. ACKERMANN, Owner - Bang's Tested

Entire Herd To Be Sold at Auction

Bennington, Nebraska

On Highway No. 8, Nine Miles N.W. of Omaha

October 7

Starting Promptly at 10:00 a. m.

For many years Mr. Ackermann bought the "tops" at dispersal and consignment sales, mating them with high-record "Ormsby" sires. The Doctor's orders dictate hurried sale. Every animal sells.

**90 REGISTERED HOLSTEINS** 

The ACKERHURST HERD has made a 7-year average production of 502 lbs. fat per cow per year, highest 7-year average appearing in the Holstein Association's famous Red Book. The high year for ACKERHURST (608.6 lbs. fat), still stands as world's Record for herds of 25 cows or more. All records made in Class B, Herd Improvement Registry.

Tresent herd includes . . . 12 cows and helfers with records from the following of 600 to 857 lbs. fat . . . and more than 25 offspring of 600 to 857 lbs. fat . . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat . . and more than 25 offspring of 600 to 857 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average production of 502 lbs. fat per cow per year, highest 7-year average production of 502 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average production is famous Red Book. The duction of 502 lbs. fat per cow per year, highest 7-year average partor for the picture of 502 lbs. fat per cow per year, highest 8cd Book. The duction of 502 lbs. fat per cow per year. In gloss of the per cow per y



## ARKANSAS VALLEY JERSEY DISPERSAL Wichita, Kansas Thursday, October 8

35 HEAD—Registered Jerseys of high quality, production and breeding. Descended from 2 heifers and unusually uniform.

12 MATURE COWS, fresh or near freshening to the service of the 4-star bull Observer's Earl of Oz (son of the noted Observer King Onyx) and out of a daughter of Old Eagle. (She classified VERY GOOD and had 627.90 fat.)

6 HEIFERS bred for first calf to the above bull.

4 OPEN HEIFERS, 2 about ready to breed, balance baby calves.

2 HERD BULLS, including Observer's Earl of Oz.
About half of females are daughters or granddaughters of SAM'S AJAK OF OZ (this bull has been on lease to the Kaw Valley Breeders' Association).

Sale on farm, 7 miles north, 1½ miles west of Highway 81 on 53rd Street. Everything Tb.- and Bang's-free. For catalog write

Harold Tonn, Boyd Newcom, Auctioneers
Jesse R. Johnson with Kansas Farmer

ELMER REEP & SONS, Wichita, Kan.



A. LEWIS OSWALD Rotherwood Jerseys

"Let's face the facts! This war is nothing frivo-lous. The cow...I take Jerseys for mine, but the same is true of her cousins, too... is a genuine factor

"It's time to pay attention to vital things. It is not the hour for synthetic life. It is time to hit, and hit with the might of a nation.

"I invite you to write me for a copy of my personal publication THE ROMANCER which will come to you with my compliments. I have tried to speak in the language of a Kansan of the problems which face Kansas today."

A. LEWIS OSWALD, Hutchinson, Kansas.

First Annual

## Kansas Jersey Breeders' Sale

Topeka, Kan., Tuesday, October 6 Fifty head selected females—cows, bred heifers, open heifers. Daughters and granddaughters of Superior sires.

Classified and production-tested cows selected from leading Kansas herds. Tb.- and Bang's disease-free. Catalog on request.

CARL FRANCISCO, Secy., EDNA, KAN.

## Reed's Farm Dairy Registered HOLSTEIN Dispersal

## Lyons, Kansas, Friday, October 2



IMPIRE LASSIE ORMSBY MAID

1297670

Twice All-American, 800 lbs. fat cow. This
dispersal is a great opportunity to purchase
the blood of this animal.



THONYMA GREAT JUDGE DAD RUTH 2001254 Classified: Very Good. Many times 1st. prize winner and now making 500 lbs. fat. She, her son, her daughter, and many of her sisters sell.

#### THE SALES OFFERING

42 head of high record, classified, registered Holsteins: 18 milking cows-60% of which are either just fresh or heavy springers. yearling helfers due soon.

13 heifer calves.

bull calves. 3 herd sires.

This is one of the greatest Holstein-Friesian herds in Kansas and its dispersal offers Holstein breeders a rare opportunity to purchase seed stock. The Reed herd has been on continuous test for 15 years and for the last several years the herd average has been above 400 lbs. fat on twice-a-day milking under ordinary farm care. Several of the cows that are selling classify "Very Good" and have records up to 658 lbs. of fat in helfer form. The herd has been classified for type three times with Very Good classification averages.

Only the best sires available have been used in building up the herd. The last five herd sires have indexes on 305-day, twice-a-day milking basis of from 452 to 625 lbs. of butterfat. The daughters of the last two sires proved, Winterthus Great Judge Dad Quolk and Man-O-War Progressor 10th, average 3.8% and 4.0% respectfully. The present herd sires include Posch Ormsby Fobes 24th, who is sired by the famous Posch Ormsby Fobes and out of a 758 lbs. fat daughter of a twice All-American 800 lbs. fat cow. This sire has 15 young daughters in the sale. Still another sire is Meierkord Triune Billy Inka, who is from the greatest daughter of "Triune," the \$1,000 Excellent "Inka" cow.

Every animal is Tb.- and Bang's-free, tested within 21 days of the sale. Health certificates will be furnished with each animal.

Health certificates will be furnished with each animal.

For a Free, Illustrated Catalog Write to

ERNEST A. REED & SONS, LYONS, KANSAS

Boyd Newcom, Auctioneer

## **Harvey Bros. Holstein Dispersal**

Kansas' Greatest Large Herd—Every Animal Sells Don't Forget to Mark Your Calendar for

## October 9 . . . 75 Registered Holsteins

On Farm-U. S. 77-10 Miles North Junction City or 12 Miles South of Riley, Kansas Starting Time 10 a. m.

#### 3-year average 425 lbs. butterfat with 4% test

All cows milked twice daily. Many of the cows with 500- and 600-lb. record with tests as high as 5.3% fat.

A wonderfully healthy, heavy-producing herd, started from two foundation cows 23 years ago and built up to its present peak by such proven Ormsby-bred sires as U. Neb. Ormsby Karmaster, Sir Fobes Ormsby Stella, U. Neb. Judge Karmore (his first 8 daughters average 893 lbs. fat). Twenty-two of his daughters sell, and Wisconsin Admiral Gem sells.

The sale is caused by the expansion of the Fort Riley Army Camp, which is buying the Harvey land.



A daughter of Sir Fobes Ormsby Stella with 602 lbs. fat with a test of 4.5% at 4 years. Also 511 fat at 3 years in 321 days. (She and many of her sisters sell.) Due to freshen on sale day.

TULIP ORMSBY KARMA (sells) now 5 years old.

30 head are cows, nearly all young, most of which freshen in fall and winter. 12 bred helfers. 10 open yearlings. 10 helfer calves. 11 young bulls (5 of them ready for light service). The Herd Bull—Wisconsin Admiral Gem-5 years old.

For 20 years every female bred on the farm. The sale of the year. Held on farm under cover, rain or shine. A clean herd, guaranteed, and health certificates available.

Write for Free Catalog to

G. R. Appleman, Sales Mgr., Linn, Kan.

Auctioneers: Powell, McCulloch, Dickson

Jesse R. Johnson, Fleidman

The GEARY BEEF COMMITTEE together with the FARM BUREAU sponsored the annual cattle producers plcnic. The meeting, August 18, was held on the Laurence Collins stock farm on Humboldt creek in about the best cattle section of the county. About 100 cattlemen and their families attended. Beef sandwiches and other foods were served by the committee. J. J. Moxley, beef cattle specialist from the College, talked on the adaptability of this particular section of the state for producing beef economically. He was followed by Mr. Branch from the marketing section of the U. S. D. A., explaining the important things necessary for more intelligent marketing by beef producers. One of the delightful and highly appreciated speeches was given by Mr. Ljungdahl, born and reared to manhood in Geary county near the farm where the picnic was held. Mr. Ljungdahl is now state tax commissioner and widely known as one of the early breeders of Aberdeen Angus cattle in Kansas.

On his farm located at Langdon, in Reno county, DON SHAFFER, of Hutchinson, has been breeding and improving registered Herefords a half dozen years. Few young breeders have taken a greater or more intelligent interest in studying type and bloodlines in making selections for foundation stock. He has topped many of the best dispersion sales and bought privately from the best herds, He has gone in for quality instead of quantity. The herd of 25 cows represents much of the best blood to be found in the herd books, and with wonderful quality to be found in a herd so recently established. Mr. Shaffer is proving a valuable asset to the Hereford breeders of his section of the state. As a member of the Hutchinson Chamber of Commerce he has helped give his surrounding counties their share of publicity as registered livestock localities. His interest extends beyond his favorite breed. A project he has helped to sponser will make it possible to locate any breeder of registered livestock in Reno county. Lawrence Cassidy, herdsman, is always happy to show the cattle to visitors.

One cannot help but realize his inability to set forth on paper the merit of a herd of registered Holsteins such as make up the offering in the REED'S FARM DAIRY, Lyons, dispersal to be held on the farm Friday, October 2. Only war or other tragedy could have created a condition making this sale necessary at this time. The herd established more than 20 years ago is at its very peak in production, and herd classification. Not a thing has been left undone to build a herd

September 1, 1942 Topeka, Kansas Gentlemen:

We were pleased with the results that we received from the advertisement. Yours very truly Vogel Implement Company Phillipsburg, Kansas.

destined to be a monument to its founders, with the last 5 herd bulls having indexes from 458 to 625, and with herd averages above 400 pounds for the last several years. Three herd classifications with a present average of 81 per cent with many cows now milking above 75 pounds a day, Th and Bang's free, it is apparent how bright the future is for the Reed generation now coming into charge of the herd. But ones loss must always be anothers gain and the hope is here expressed that the high-producing, excelent-type cows will go into other hands where the foundation so carefully laid and so successfully carried on by the Reed family will continue. Sixty cows sell already fresh or soon to freshen. Interested readers should write at once for the big illustrated catalog that gives all information.

Interested readers should write at once for the big illustrated catalog that gives all information.

On his big farm well-balanced for wheat, row crops and native grass, CLARENCE RALSTIN practices diversified farming and makes it work and return profits each year. Mr. Raistin grew up in Comanche county where he now lives. His father was a big wheat farmer and Clarence drove 6 horses abreast before the days of the tractor. Now he has big Percheron mares in the pasture and raises mules more for sale than for work. This year he had more than 500 acres of wheat making yields of about 30 bushels an acre. Wheat sells well as do other products including mules. But before the visitor sees any wheat or other sights he is in the car and driving rapidly toward the big pastures with ankle-deep buffalograss and slopes that lead to running water. Nearly 100 registered Shorthorns are in the different pastures. Altho the herd is comparatively young and all grown from a half dozen helfers purchased at sales during the depression, so well have herd bulls been chosen that the unusal quality and uniformity of the herd would indicate a half century of mating and studying the various angles of breeding. Twenty or more of the best females were sired by Archer Major, a great son of Gregg Farms Archer. I haven't seen a more uniform lot of cows in any herd recently. The present herd bull, Divide Gold Porter, is from the Allen Cattle Company herd. He is a son of Gold Price. Another herd bull was raised on the farm, he is a grandson of Gregg Farms Archer. The Ralstin farm is located at Mullinville.

Kansas breeders and commercial growers proved again their appreciation of Miller & MANNING Herefords. Opening the season for Kansas Hereford sales on September 7, this reliable firm supplied new buyers from many sections of the state. Dr. E. G. Coyle, of Coffeyville, former buyer and knowing the high quality of Miller & Manning Herefords, bought about half of the 108 lots sold. The top bull went to William Olson, of Alta Vista, at \$225. The top female, lot 59, a choice cow and calf was purchased by C. E. and Lynn Hepler, of Burns. A Kentucky breeder, U. L. Lovewell, of Kenshaw, bought several helfers. The balance of the offering went to Kansas buyers.

Charles Connor, of Waukeeny, bought 9 females. Other buyers, included: Dr. T. W. Butcher, Emporia; C. C. Carlson, Clifton; Robert Wilson, St. George; C. H. Jones, Alta Vista; J. L. Erletson, Manhattan; Henry Waner, Florence; S. J. Coe, Independence; H. C. Abbott, Alta Vista; R. A. Baker, Dunlap; Edith Houckvenning, Americus; Kenneth Kennedy, Allen; and Hobson Brothers, Carlton.

The entire offering brought more than \$18,600. High water kept some buyers away. The cattle sold without fitting, but were a good, useful lot. The interest in their home state indicates the high standing of Miller & Manning and the increased demand for their cattle. About 300 were in attendance when the sale opened and the utmost interest was shown throut the afternoon. A. W. Thompson was the auctioneer, assisted by Les Lowe.

SHORTHORN CATTLE

#### J. W. Anderzohn & Sons' MILKING SHORTHORN DISPERSION

Council Bluffs, Iowa, Wednesday, September 30

45 HEAD. Four-year-old bull; 25 cows and heifers in milk and rebred; 3 bull calves; 3 open heifers and 10 choice heifer calves; 6 weeks to 6 months old.

(A good herd started 30 years ago from a 11,000-lb, producer, crossed with bulls from Brace, Northwood, Walgrove and Flintstone.) A clean herd with size, color and production. In farm condition. Tb. and Bang's tested. For Catalog Write.

H. C. McKELVIE, Mgr. Council Bluffs - -

Shorthorn Bull for Sale 16 months old, registered, nice red. Best of preeding and good individual.

W. M. ROGERS, R. 1, ALTA VISTA, KAN.

POLLED SHORTHORN CATTLE

#### Hanson's Polled Shorthorns

ervice. Good ones. ROBT. H. HANSON, JAMESTOWN, KAN.

Banbury's Hornless Shorthorm Bulls near serviceable age. Also cows, heifen and calves for sale.

BANBURY & SONS, PLEVNA (Rene Co.), KAN. Phone 2807.

## **Bird Offers Polled Shorthorns**

dividuals and in good breeding condition. Registered HARRY BIRD, Albert (Barton Co.), Kan.

MILKING SHORTHORN CATTLE

"Duallyn Farm — Milking Shorthorns" Bull calves of different ages, two of serviceables ale. This herd produced two out of last three grand champion Miking Shorthorn cows, each to grand champion Miking Shorthorn cows, each the pro-uct of several generations of animals bred in the her JOHN B. GAGE, EUDORA, KAN.

Lupfer's Reg. Milking Shorthorns Herd sire for sale. Excellent individual, good dispetition and a real herd improver. Also young bulls from high-milking ancestry. Federal screduled herd. Impetion invited. Raiph Lupfer, R. S, Larned, Kan.

BULLS BRED FOR MILK

11 to 18 months old, out of heavy-producing tested dams. Sired by Brookside Mapperton 55th Backed by best of bloodlines and production. Johnston Bros., Brewster (Thomas Co.), Kan

HOLSTEIN CATTLE

#### COMPLETE DISPERSAL OCTOBER 1

17 registered, 18 grade Holstein cows and one bull. Surge Milker and rubber-tired Manure Spreader.

E. W. EVERS
Belle Plaine - - Kansas

HOLSTEIN BULLS 4 Yearlings and The yearlings are from dams having up to 470 lbs. of fat. Will sell or lease the 2-year-old bull who is a grandson of Governor of Carnatica. Write for details.

PHILLIPS BROS., R. 4, MANHATTAN, KAN.

DRESSLER'S RECORD HOLSTEINS
Cows in herd are daughters and granddaughter
the state's highest butterfat record cow, Carmer P
Veeman, 1,018 lbs. fat. Bulls for sale.
H. A. Dressler, Lebo, Kan.

AYRSHIRE CATTLE

## **Ayrshire Cattle Dispersal**

On farm, 6 miles north of Belvue (Potta-atomic county), Kansas, 17 cows, two years old and over. 6 heifer calves. 1 bull calf and registered herd bull, Grif-films American Beauty Prince (64885), three years old.

#### Sale October 1

Also 10 Belgian horses and 1 saddle horse. MRS. JOHN CLARK, Administratrix, John R. Clark Estate

#### RAISE AYRSHIRES

The Big, Economical
producers of 4% milk. Write for literature and
list of breeders near you with stock for sale.
AYBSHIRE BREEDERS ASS.
260 Center St.

Brandon, Vermont

BROWN SWISS CATTLE

REGISTERED

BROWN SWISS COWS
6 Head-4 to 7 years old. All heavy producers and due to freshen in October. Also one 3-year-old registered bull.
Edd Gerberding, Bluff City, Kan.

DAIBY CATTLE

Octob

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## Dairy Cows for Sale

25 fresh and heavy springer cows and heifers, Holstein and Ayrshire. Free from Bang's discease and Tb. Write or call FRANK KANDT, HERINGTON, KANSAS, PHONE 974W.

FREE BULL Holstein, Guernsey horn bull der of five \$16 heifers. Truck lots older heifers Shawnee Dairy Cattle Co., Dallas, Texas

HENRY WIEMERS, is proprietor of WIEMERS STOCK FARM, located in Jefferson Dounty, Neb., near Diller, which has been the some of registered Hereford cattle, Polled and orned, for the last several years. Also registered Jersey cattle. Now Mr. Wiemers has purhased a fully equipped dairy and hog farm in daho and will move to that state as soon as he an dispose of his farm and livestock. On mother page will be found an announcement of the stock dispersal to be held in Fairbury, Friday, October 2. This will be an unusual event. Orobably never before has a public sale of Hereford hogs been held in this section of the West, and certainly it is the first sale of the famous reed of fur sheep known as Karakul.

Mr. Weimers was among the early producers of Hereford hogs and was a charter member of he record association and for several years its gresident. He has sold Hereford hogs in more han 20 states, and has improved the breed Jong with other founders. The stock is being aken to Fairbury owing to better and more all-weather roads. On the 12th the farm sale will be held on the farm, and the farm also will be sold it has not been disposed of before. It is impossible to go into details regarding the individual merit of what sells. But it should be unficient to say this is foundation stock, at least the greater part of it would have been kept on the farm but for the change of locations for catalog address Henry Wiemers, Diller, Neb.

#### Public Sales of Livestock

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October 1—John R. Clark Estate, Belvue, Kan. October 7—Mrs. A. C. Tannehill and Harry Tannehill, Broughton, Kansas.

Aberdeen Angus Cattle
September 23—Caldwell-Calhoun Angus dispersion, Burlington Junction, Mo.
November 14—Fred P. Chilen, Miltonvale, Kansas, Sale at Clay Center, Kan.

Guernsey Cattle
October 12—Parsons, Kansas, Mort Woods, Ardmore Okla., Sale Mgr.
October 14—Oklahoma City, Okla., Mort Woods,
Sale Mgr.
October 15—Dalias, Texas, Mort Woods, Sale

October 16—Dallas, Texas, Mort Woods, Sale Mgr.

Hereford Cattle
October 2—Henry Wiemers, Diller, Nebr., Sale at Fairbury, Nebr., Crocker, Huntington and Tucker. Sale at Eureka, Kansas. October 19—J. A. Schoen, Lenora, Kan. November 5—Glover I. Godwin, Council Grove, Kan.
November 11—Haven Hereford Breeders second annual sale. Harold Tonn, sale manager. January 7—Kansas Hereford Breeders' Association sale, Hutchinson, Kan. J. J. Moxley, Manhattan, Kan., Secretary.

Polled Hereford Cattle
November 9—Victor Roth, Hays, and Leslie

November 9—Victor Roth, Hays, and Leslie Brannan, Timken, Kan. Sale at Hays, Kan. October 28—J. B. Shields, Lost Springs, Kan.

Holstein Cattle

October 1—E. W. Evers, Belle Plaine, Kan.
October 2—Reed's Dairy Farm Dispersal, Lyons,
Kan.

Cetober 1—E. W. Evers, Belle Plaine, Kan.
October 2—Reed's Dairy Farm Dispersal, Lyons,
Kan.
October 6—Harvey County Holstein Breeders,
Sale on Hertzler Farm, Halstead, Kansas.
W. H. Mott, Herington, Kan., Sale Mgr.
October 7—Ackerhurst Dispersal, Bennington,
Nebr. A. W. Petersen, Sale Mgr., Occonomowoc, Wis,
October 9—Harvey Bros., (Dispersal Sale),
Junction City, Kansas, G. R. Appleman,
Linn, Kansas, Sale manager.
October 20—Ivan G. Huggins, Udall, Kansas.
October 22—Central Kansas Holstein Breeders,
Hillsboro, Kan., W. H. Mott, Sale Mgr.
October 26-27—Woodlawn Dairy Dispersal, Lincoln, Nebr. A. W. Petersen, Octonomowoc,
Vis., Sales Manager.
October 26-27—Woodlawn Doiry Dispersal, Lincoln, Nebr. A. W. Petersen, Octonomowoc,
Vis., Sales Manager.
October 28—Lakehill Jersey Farm, Joplin,
Mo. P. R. Smith, Owner, Joplin, Mo.
October 28—Lakehill Jersey Farm, Joplin,
Mo. P. R. Smith, Owner, Joplin, Mo.
October 29—Henry Wiemers, Diller, Nebr., Sale
at Fairbury, Nebr.
October 6—Kansas Jersey Cattle Club, Free
Fair Grounds, Topeka, Kan. Carl Franclaco, Committee Chairman, Edna, Kan.
October 13—Robt, I. Young, St. Joseph, Mo.
November 19—A. H. Knoeppel, Colony, Kan.
October 21—E. C. Lacy & Son, Miltonvale, Kansas,
October 23—Dwight C. Diver, Chanute, Kansas,

October 21—E. C. Lacy & Son, Miltonvale, Kan. October 23—Dwight C. Diver, Chanute, Kansas, Sale at Humboldt, Kan. October 26—Bellows Brothers, Maryville, Mo. October 27—Merryvale Farm, Grandview, Mo. November 4—North Central Kansas Shorthorn Breeders' sale, Beloit, Kan. Edwin Hedstein, Secretary, Clay Center, Kan. November 12—E. L. Stunkel & Son, Peck, and W. Young & Son, Clearwater, Kan. Sale on Stunkel Farm, Peck, Kan. November 14—Tomson Bros., Wakarusa, Kan. Polled Shorthorn Cattle

ember 6—Lewis W. Thieman & Son, Concordia, Mo.

Milking Shorthorn Cattle

September 30—J. W. Anderzohn & Sons Dispersion Sale. H. C. McKelvie, Mgr., Council October 3. A. L. Walker, Fowler, Kansas.

Berkshire Hogs October 10—Harold E. Luhrs, Rockport, Mo. October 26—Bellows Brothers, Maryville, Mo.

Duroc Jersey Hogs
October 3—Clarence Miller, Alma, Kan.
October 10—Joe A. Wiesner, Ellis Kan.
October 17—Edward Hadorn, Savannah, Mo.
22—Fred Farris & Sons, Faucett, Mo.

#### Livestock Advertising Rates 7 Column Inch. \$2.50 per issue Column Inch. 3.50 per issue Per Column Inch. 7.00 per issue

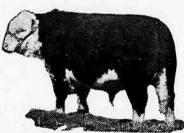
One-third Column Inch is the smallest ad Kansas Farmer is now published on the first and third Saturdays of each month, and we must have copy by Friday of the previous week.

JESSE R. JOHNSON, Fieldman Kansas Farmer Topeka, Kansas

## **Registered Livestock Dispersion Sale**



**Williams Sale Barn** Fairbury, Nebr. Friday, October 2



#### **40 REGISTERED HEREFORD HOGS**

- 14 top spring boars.
- 1 herd boar.
- 2 bred gilts.
- 3 yearling and mature sows.

20 last fall and spring gilts.

All carry the blood of PERFECT SENSA-TION (sire of more prize-winners than any other boar of the breed in Iowa. His get won 35 out of 65 places in 1939.)

## KARAKUL FUR SHEEP

- 15 registered and 15 cross-bred.
- 8 spring and yearling rams (registered).

10 registered ewes.

Registered animals sired by A. Albright (1018) sire of 1st and 3rd pelts, Chicago International.

12 cross-bred ewes.

## REGISTERED HEREFORD CATTLE

25 head, comprising 17 cows from 2 to 3 years old. Bred to registered Polled Hereford bull, DOMINO LAD.

2 young bulls and the herd bull.

2 bred and 3 open heifers, Anxiety foundation.

#### 7 REGISTERED JERSEY CATTLE

- 2 fresh cows, 1 with record above 400 lbs. fat.
- 3 young bulls, Island breeding and from highrecord ancestors.

For Catalog Address

## HENRY WIEMERS Diller, Nebr.

Auctioneers: Bert Powell, Roy Schultis Jesse R. Johnson with Kansas Farmer

NOTE: October 12 is the date of our general farm sale when we sell a full line of farm machinery, together with some livestock and livestock equipment of all kinds, also the farm, if it is not sold before that date. Farm is located near Diller, about 10 miles east of Fairbury, Nebr.

#### Trend of the Markets

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

	Ago	Ago	Ago
Steers, Fed \$	15.75	\$16.25	\$12.25
Hogs		14.75	12.10
Lambs	14.10	15.00	11.75
Hens, 4 to 5 lbs	.211/2	.20	.16
Eggs, Firsts	.35	.341/2	.2834
Butterfat, No. 1		.40	.33
Wheat, No. 2, Hard	1.231/2	1.141/2	1.161/2
	.821/2	.84	.721/2
Oats, No. 2, White	.50	.491/2	.49
Barley, No. 2	.651/2	.66	.581/2
Alfalfa, No. 1		17.00	13.50
Prairie, No. 1	10.50	10.50	8.50

#### Let's Stop the Rats

At a time like the present, food products are too valuable to be fed to rats. Yet, rats are on the increase in many Kansas areas, suggesting the need for some well-planned rat-poisoning campaigns. But all-around rat poison for most purposes is red squill. It is not poisonous to most other animals and therefore is safe for use on farms. Red squill can be supplied by most local drug stores either under that name or under the name of some commercial rat poison. Serve this poison to the October 12.—Fred Farris & Sons, Faucett, Mo.

Hampshire Hogs
October 14.—Ethyledale Farm, Dale Scheel, October 19.—Kansas Hampshire Swine Breeders Consignment Sale Manhattan, Kan. Dale Scheel, Emporia, Kan., secretary.

Hereford Hogs
October 2.—Henry Wiemers, Diller, Nebr., Sale at Cyale Wayne Williams, Grandview, Mo. Sale at October 16.—Bauer Brothers, Gladstone, Nebr.

November 5.—A. I. Wiswell & Son, Olathe, Kan. Kan. Sale at Fairbury, Nebr.

Week or two before putting out the bait again.

Use Walnut Hull Dye rats by mixing it with an attractive

#### Use Walnut Hull Dye

It is easy to stain a birdhouse with the juice from black walnut hulls. Boil about a bushel of walnut hulls in a pot. Then immerse the birdhouse in this dye bath while the water is hot and let it stay for several minutes. When the house is dry it will be a dull walnut color and the birds will not be afraid of it .- F. C.

## 40 head - ARTESIAN VALLEY - 40 head

Registered Milking Shorthorns at Auction

Saturday, October 3



We are selling 90 per cent of the herd, consisting of daughters, granddaughters, and line-bred double granddaughters, and grandsons of the three following noted sires: Northwood Pride 4th, Premier RM, sire of the breed, having 59 RM daughters. Imp. Bladen Minstrel 8th, 37 RM daughters, most of which produced more than their dams. Pride of Kingsdale, International grand champion 1939 and 1940, grand champion of more shows (60) than any bull in the history of the breed. One of his best sons, Kingsdale Pride 13th, out of a great dam, heads our herd, and will be sold in the sale.

Sale will be held at the farm, 1 mile east, and 2½ miles north of Fowler, Kansas, starting at 1 p. m.

FOR SALE CATALOG, READY SEPTEMBER 20, WRITE TO

E. L. WALKER, FOWLER, KANSAS Aucts.: Boyd Newcom, Wichita; Gus D. Heidebrecht, Inman; and R. D. H

## EVANS-LARMER ABERDEEN ANGUS REDUCTION SALE



War conditions compel us to drastically reduce our herd. We will sell 72 head in the sales barn at

MARYVILLE, MO., TUESDAY, OCTOBER 6

85 FEMALES: 25 cows with calves and rebred—30 very highclass bred and open helfers, sired by Elban of Strathmore, Emulate
Echo or Bur Marshall 15. 7 BULLS: We are selling one of our
tried sires, Elban of Strathmore, and 6 carefully selected young
buls of serviceable age.
WRITE FOR A CATALOG, it gives detailed information about
the best offering of cattle we ever sold. Write to

ROL M. EVANS, Manager, MARYVILLE, MO.
Roy G. Johnston, Auctioneer

Nodaway County Aberdeen Angus Breeders' Sale

Sales Barn, Maryville, Mo., Monday, October 5
55 HEAD—45 FEMALES—10 BULLS. This sales offering has been selected by a sales committee and only good, useful registered Angus will be offered. Many females with calves at side and the bred cows and bred heifers are mated to as good herd bulls as you can find in the state. The best Angus bloodlines will be found in Nodaway County Breeders' herds. Health certificates furnished to move these cattle to any state. FOR CATALOG WRITE TO

HAL T. HOOKER, Secretary, MARYVILLE, MO.
Roy Johnston, Auctioneer Bert Powell, Representing Kansas Farmer



SPOTTED POLAND CHINA HOGS

SPOTTED POLAND BOARS Spring boars and glits, modern type, good color. Vaccinated and sired by Diamond Star, top boar in Sunderman's sale and Sliver King, a Gates-bred boar. (Farm in N. W. Missouri.) VIRGIL E. WALTER & SON, ROCKPORT, MO.

Fiesers' Improved Spotted Polands Medium type. Registered and double immuned. Also baby pigs. EARL and EVERETT FIESER, Norwich, Kan. POLLED HEREFORD CATTLE

We Offer Polled Herefords For sale: A few yearling bulls of good size, bone and quality. State accredited herd.

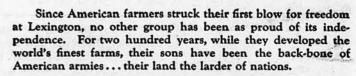
JESSE RIFFEL & SONS, ENTERPRISE, KAN.

For Sale—Polled Herefords 10 head of registered Polled Hereford Cows and Helfers. Good quality and good breeding. JOHN C. RENYER, WAKARUSA, KAN. Today,
in a vast army
on the food front,
AMERICAN
FARMERS—
weathered and wise
in the ways of
the soil—are doing
well the greatest
food production
job in history.

STALEY

As long as our boys need food-they'll get it... plenty of good, honest fighting food!

> 66-YEAR-OLD BEN HOOK SILVER LAKE, KANSAS



Wars are not new to Ben Hook. He has seen three of them. Today, his two hundred acres of fertile bottom land in the rich Kaw River valley are furnishing food again for America at war. The two hundred pure bred Durocs he is raising this year mean fighting food for the nation's fighting men.

Ben Hook is careful of his investment in these hogs, for he realizes their true worth to his country. For the days ahead he depends on the practical knowledge he has gained in over thirty years of successful farming. Says Ben Hook: "I certainly thank R. H. Sherman, the Staley Feed Dealer at Topeka, for persuading me to try Staley's. My pigs never did better on any feed... I'm a Staley customer for keeps!"





# STALE IS PIG an

children have been born. Now, two sons farm the rich, black soil, but Ben Hook, himself, attends strictly to the important job of raising fine hogs...his interest, his business and his hobby.

## SUPPLEMENT and PIG MAMA

Like thousands of other progressive hog raisers, such as Ben Hook, you will find that STALEY'S is the feed to do the job. Staley's Pig Mama helps condition sows for farrowing and keeps pigs growing until weaned. Staley's PRO-LASS Pig & Hog Supplement helps put on weight — f-a-s-t! Helps you get hogs to market — f-a-s-t!

SEE YOUR FEED DEALER TODAY

STALEY MILLING CO., KANSAS CITY, MISSOURI

STALEY'S