

7914

Cop 2

FEB. 21, 1942

KANSAS FARMER

CONTINUING MAIL & BREEZE



"Watch Out, Here We Come!"

Garden Bowl Gets Busier

By J. W. SCHEEL

SOUTHEAST Kansas Victory Gardens of 1942 will simply be better gardens. The ground will be used more efficiently thruout the year by succession planting—late peas, beans, radishes, and lettuce will follow earlier plantings of these crops. Many gardens will get an extra boost thru the application of superphosphate fertilizer.

This is the natural "garden bowl" of the state. Vegetables are not difficult to grow if given reasonable care, and gardening is a regular practice on most farms—in some counties, about 90 per cent.

However, many farms do not produce nearly the quantity of vegetables needed by the family. This year, home demonstration agents are extensively publicizing the annual requirements of a normal individual and are urging farm families to plan their plantings with the total family needs as a goal.

The "Victory Garden Budget" which they are distributing is based upon the number of servings of various vegetables and fruits one person will require in a year. It indicates the quantities of these vegetables and fruits that should be canned or stored for each individual in the family; and it suggests the garden plantings necessary, with average yields, to produce these foods in sufficient amounts.

Tomatoes receive special emphasis, since each individual in the family should receive about 300 servings of this vegetable a year. This means about 30 quarts to the person should be canned in addition to those consumed fresh. Under average yield conditions, 15 plants to the person should be planted. Varieties especially favored in the eastern counties are Rutgers and Pritchard, both of which are resistant to the prevalent tomato wilt.

One garden practice followed in Eastern Kansas is to avoid depending upon the house garden alone. Farm

families here grow a garden under field conditions where protection can be provided from row crops or from timber along the creek. Mrs. Harold Winzer, Butler county, does that. She has moved her garden to a location where natural woods form a windbreak on the south and west, and has laid out the plot to permit horse cultivation.

Use of superphosphate fertilizer on gardens is a relatively new idea in most Southeast Kansas counties, but A. W. Knott, Montgomery county agricultural agent, reports it has given good results. Knott recommends use of 45 per cent superphosphate at the rate of 150 to 300 pounds an acre. Fertilizer should be applied after the ground is plowed, and should be disked into the soil. Use of lime is not recommended except where soil tests indicate a need for it.

E. L. Brougher finds fertilizer unnecessary to get abundant production from his farm garden 1½ miles northwest of Cherryvale. The Brougher garden plot, about 40 by 60 feet in size, formerly was a pig pen, and the accumulation of manure thru the years has made the soil extremely fertile.

Canning and storing vegetables for winter use has long been a habit on most Southeast Kansas farms. In Montgomery county last year, 322 Farm Bureau unit families canned 52,636 quarts of vegetables and fruits despite the fact that bad weather reduced garden yields. That is an average of more than 163 quarts to the family.

Mrs. C. A. Toms canned 400 quarts of vegetables from 1½ lots of garden in Emporia, Lyon county. In addition, she stored 6 bushels of potatoes, 3 bushels of onions, and 2 bushels of turnips. The total cost of this garden abundance was only \$12.40.

Mrs. J. M. Schoenhofer, St. Paul, does much of her canning in half-gallon jars, for the family includes 13

Mrs. E. L. Brougher, right, Montgomery county. She cans 400 quarts a year of corn, peas, carrots, asparagus, kraut, beans, tomatoes, cucumbers, mince-meat, pineapple, plums, peaches, pears, strawberries, vegetable soup, chicken, pork and beef.



Velma Schenk, left, Montgomery county 4-H Club canning champion in 1941, displays a sample of her work. Last year she canned 801 quarts of vegetables, fruits and meats; in 4 years, 2,051 quarts.



children and it requires large amounts of vegetables and fruits to make a meal. She cans every month of the year and had 500 quarts on hand in mid-winter. The Schoenhofers raise vegetables and small fruits on an acre of land and supplement this with purchased fruits. During 1941, they constructed a highly satisfactory storage cellar, 10 by 13

feet, by excavating a space under the kitchen. The concrete-lined, masonry proof cellar provides storage space for 1,000 quarts of canned food—yet cost only \$40.

By the way, if you need garden information, Kansas Farmer can see that you get several bulletins that cover wide variety of subjects.

SPECIAL TRAINING

Fits Men for Victory Farming

BBETTER prepared for doing their part in the victory drive are 50 young farmers from Western Kansas who have just been graduated from the second annual Sears Short Course at Kansas State College. Selected for outstanding ability as farmers and as community leaders, each man spent 4 weeks at Manhattan taking an intensive study and laboratory course that will be of lasting value. The scholarships, as they might well be termed, were provided by D. E. Blocksome of the Topeka Sears store. Similar Sears courses are provided at other Land Grant colleges thruout the United States.

Average age of this year's class was 25 years, 39 per cent of the men are married, and the average size of their farms is 515 acres, ranging from 80 to 4,000 acres. The 4,000-acre farmer comes from Clark county. He owns 900 acres and rents 3,100. All of the men are diversified farmers, 56 per cent are members of some farm organization, and 77 per cent have participated in 4-H Club work or have had vocational agriculture training in high school.

Graduates from the Sears Farm Short Course in the picture are: Fourth row, Greer Shotton, Satanta; Rolland Birch, Ellsworth; Don Stout, Rolla; Cecil Leeman, Leona; Bob McClelland, Goodland; Glenn Fearing, Burr Oak; Hasley Conrad, Liberal; Wallace White, Coldwater; Virgil Krause, Plains; Ivan Lewis, Dighton; Ed Flick, Pawnee Rock.

Third row, C. Mullen, Kansas State College; Leonard Wilkinson, Beardsley; Walter Pennington, Bogue; Eugene Brown, Bucklin; Orville Von Fange, Lincoln; Stevens, Helzer; Lawrence Joyce, Garden City; Lee Jordan, Clifton; Frank Cox, Glewood; Joe Bongartz, Ellis; Albert W. man, Prairie View.

Second row, Samuel Flora, Quinter; Joe Greer, Langdon; Ralph Hendricks, Glen Elder; Roy Weaver, Greensburg; Richard Singleton, Sylvia; Albert Morgan, Phillipsburg; Lawrence Webs, Alexander; Kenneth Bartholomew, Alton; Wesley Hogel, Bazine; Randall Libby, Smith Center; Von Dewey, Seward; Francis Earle, Ulysses; Melvin Wilson, Johnson.

First row, Harold Mauck, Studley; Clarence Collins, Ulysses; Lem Fulwider, Brewster; Marion Mizner, Esbon; Lawrence Kern, Smith Center; Paul Widerlin, Scott City; Verl Maddy, Stockton; Joe Schumacher, Protection; Randall Cleveland, Webber; Virgil Shepard, Johnson; Merle Todd, Goodland; Charles Mitchell, Cimarron.

Graduates not in the picture include John Bromwell, Plains; Richard Coupland, Tribune; Richard Hofer, Cedar.



New graduating class from the Sears Short Course at Kansas State College.



**"I GET
\$100 A MONTH
PLUS
HOSPITAL BENEFITS"**

**Pays FROM THE
FIRST DAY OF DISABILITY**

Here's a sickness-accident policy costing less than 3 cents a day which pays for disability from the very first day—no waiting period of 7 or 14 days as required in many other policies.

LIBERAL BENEFITS

It's a policy you can read and judge for yourself before you ever spend a penny. It pays up to \$100 a month for disability from accident—up to \$100 a month for sickness—hospital benefits \$30 a month—up to \$1,000 for loss of life, or limbs, or sight—medical benefits for minor accidents—emergency benefits—an accumulative feature that adds 10% to the value of death and specific benefits each year for five years—AND IT COVERS EVERY KIND OF ACCIDENT AND SICKNESS!

MANY SATISFIED CUSTOMERS

Postal is an old line legal reserve company—no dues or assessments. Postal has served more than a QUARTER MILLION policyholders in the last 15 years. Don't delay! Protection in case of accident or sickness is important...get this protection today! Mail coupon below NOW!

More Than 1½ Million Dollars Paid In Claims!

POSTAL LIFE & CASUALTY INSURANCE CO.
561 Postal Life Building Kansas City, Mo.

Send me your sickness-accident policy for FREE INSPECTION, without any obligation.

NAME.....
STREET ADDRESS.....
CITY.....STATE.....
AGE.....OCCUPATION.....
NAME OF BENEFICIARY.....

**FOR 3¢ A DAY
YOU GET
\$100.00**

a month for sickness or accident disability.

\$1,000.00

for accidental loss of limb or sight.

\$1,000.00

for accidental death.

HOSPITAL BENEFITS

Hospital benefits paid for sickness or injury, in addition to disability benefit.

For Men or Women 15 to 70

NO MEDICAL EXAMINATION

Policy sent for FREE INSPECTION

PAY ON CONVENIENT TERMS

**NO AGENT WILL CALL!
MONEY TO SEND!**

MAIL COUPON TODAY



KEEP 'EM FLYING" is a good war slogan. But to help do this, short-handed farmers are thinking first of their farm implements and how to "keep 'em rolling." When parts break or wear out this season, new ones may be scarce. At the same time, it may be difficult to obtain welding or mechanical services because so many skilled workers have left rural areas to enter war industries.

This means, simply, if farm machinery "keeps rolling" during the next year or so, many farmers will have to be better mechanics than they have ever been before. Many will have to "brush up" on proper greasing and adjustments. Some who have never done so before will find the necessity of performing a few amateur jobs of blacksmithing and welding to keep the farm wheels rolling in rush seasons.

In preparation for all emergencies, resourceful Kansas farmers are already finding valuable ideas, instructions, and practical training that may serve well during the summer. High school vocational agriculture departments thruout the state are offering use of their shop room and equipment for farmers of the neighborhood to use in blacksmithing, welding, mechanical work and other important jobs.

In most of the schools, this "open house" for farmers is offered regularly one or two evenings or afternoons each week. In addition to use of valuable tools and shop equipment, farmers taking advantage of the plan may obtain helpful tips and suggestions from the vocational agriculture instructor.

Going a step further, many of the vocational agriculture departments are conducting night classes for men and boys above school age. Most of these classes, as well as student shop classes, now emphasize farm machinery repair, or work closely related, such as welding and blacksmithing.

In the Winfield High School, for example, instructor Ira Plank conducted a 9-week farm mechanics class with special emphasis

In night class at Winfield, this welding job on a tractor-plow wheel saved money and provided valuable experience for Albert Fry, right, of Udall.

Mindful of the war priorities, along with scarcity of welders and skilled mechanics, farmers will be caressing farm machinery with thoughtful care and thoro greasing. Instruction books give valuable pointers for care of equipment shown below.



Finding Ways to KEEP 'EM ROLLING



Modern equipment, above, is the key to wartime production in face of farm labor shortage. But to keep it rolling, under present handicaps, many farmers are realizing they will have to be better mechanics than ever before.

Many farmers are obtaining practical mechanical experience in night classes conducted by Kansas Vocational Agriculture instructors. O. R. Reschke, left, Cowley county farmer, is building up a binder cog, with helpful suggestions from Ira Plank, instructor at Winfield High School.

on welding. The class met 2 nights a week and each session lasted 2 hours. Farmers coming in from points as far as 25 miles out of town obtained valuable practice in welding, blacksmithing and general shop work. They repaired broken parts of machinery. They welded articles varying from pump handles to log chains, and they constructed useful items of equipment to lighten farm work during the labor shortage.

Art Eastman and O. R. Reschke built up several wornout binder gears. As explained by Mr. Reschke, a moderate amount of work on the cog of a grain binder saved \$1.70 to \$2 expense of purchasing a new one. Besides, he now knows how the job is done and can do it in an emergency if the need arises this summer. In like manner, Albert Fry saved the expense of purchasing a new tractor-plow wheel merely by building up a worn flange on the bushing. Clifton Snook welded a tractor-plow hitch.

High-school boys in the regular vocational classes are doing extra work to help ease the machinery situation. A typical example is at the LaCygne High School, where every boy in the class has conditioned at least 9 hand tools. Among other things, the class has repaired 8 cultivators; repaired and painted 4 mowers, a lister and a feed grinder; constructed a hayrack and 2 self-feeders; and built several pairs of doubletrees.

Many farmers are taking advantage of the slack season to do similar jobs right on their own farms. Illustrating the possibilities of overhauling old mowing machines, L. B. Wendelburg, Stafford county farmer, tells of repairing an old mowing machine that has been used since 1913. The machine was used by his father before Mr. Wendelburg was big enough to operate it.

The farm has averaged at least 20 acres of alfalfa during the last 29 years and this machine has done most of the mowing. By buying a few vital [Continued on Page 12]



FARM boys of military age, along with their Dads, are up against a tough problem. So are the Selective Service boards. And so is Uncle Sam. It is over the question as to where these young farmers can best serve their country. Thousands of our fine young men are needed on farms, as everyone knows. They also are needed in our armed forces. Probably every able-bodied farm boy of service age, in view of the seriousness of the war emergency, is eager to get into uniform so he can train diligently and be ready to defend his country. He wants to be a man among men. He is willing to fight, even to die if necessary, that a free America shall live. And he wishes to do his part so that after victory comes he can ever hold up his head in prideful knowledge that he did his duty. With aching hearts, Dad and Mother agree. We believe that kind of patriotism is as much a part of a farm boy's make-up as is the very heartbeat that gives him life.

Yet many farm boys will need to be broad-minded enough to realize that efficient production of food is entirely as essential as firing at the enemy from a battleship, an airplane, or from the front lines. Without food there can be no victory. Plowing and planting crops and handling livestock in this day and age require a great deal of skill. Coaxing more eggs and milk from flocks and herds isn't to be trusted to greenhorns. Farming with motorized machinery demands the hand of the expert. Most young men on farms of military age took to tractor farming like a duck takes to water. Due to that fact, Dad likely isn't as much of an expert with power farming equipment as his son.

Dad can't be blamed in the least if he looks at this Selective Service matter in a realistic way. If he sees that vital food production on the farm will cease or be greatly handicapped if son leaves for the army, he is entirely within patriotic bounds if he requests deferment for the son. Remember, if agriculture falls down on its job of food production, it will be branded as almost disloyal. So it is up to farmers to put up all the fight that is necessary to keep labor on the farm. And it is up to son to teach himself that he is just as loyal a soldier by staying on the farm as he would be in uniform.

Looking at it from the Government's angle, we must remember that the Selective Service Act prohibits group deferment, including farm

How to Avoid Rust

By ED BLAIR
Spring Hill, Kansas

Sometimes when folks get older,
From living on the farm,
With drudging hours of labor,
Think there can be no harm
In letting younger folks move where
They've spent so many years
While they just buy a little home
In town, sans cares and fears.

A little home in town with just
A garden spot or two.
Where shade trees cool the passing breeze,
Yet there is work to do.
For garden hoes and rakes and spades
And mowing scythes will all
Be needed on that little place
Through summer, spring and fall.

You soon will find strawberries
Must have a corner there!
And apple trees, just two or three
The cherry—just a pair—
Two peach trees soon and other trees
And grapevines strung about
And flowers peeping ev'rywhere!
'Tis here you'll not rust out!

Passing COMMENT

By T. A. McNeal

labor. Uncle Sam couldn't very well say that all farm boys will be eliminated from our armed forces because they must be at home on the farm producing food. Many farm boys can be released from agricultural production. But Uncle Sam does recognize the importance of protecting the productive capacity of our farms. And that is where the headaches of the Selective Service boards enter the picture.

The Selective Service System has told state directors that it is the problem of local boards to decide whether an agricultural worker is sufficiently necessary to record farm production for ourselves and our allies to warrant deferment. What a lot of wisdom it will take to classify all farm boys so everybody will be satisfied. Charges of unfairness and favoritism already are heard. Yet the boards can only consider each case on its own merits. Farm boys who are drafted to stay on the farm must realize they have been selected for honorable duty just the same as if they had been sent off to camp. Dads who must give up the services of their boys must figure they also have been drafted to do a doubly hard job at home. To keep many acres from being idle, neighbors may have to pool their labor. That is an idea worth considering.

Our Friend Lightning

SPRING isn't far away so lightning can be considered a timely subject. Westinghouse tells us some interesting things about it. As a matter of fact, this great electric company says that lightning, long considered a foe of man, actually is a real friend that helps produce food by fertilizing the soil, and also keeps the earth's "battery" charged.

It seems that 2 billion lightning strokes, about 7 for every square mile of earth, perform their useful work during some 16 million electrical storms that occur each year. Two benefits result from the lightning attack, the company explains:

The action of the thunderbolts in streaking thru the atmosphere with the speed of 60 million miles an hour releases nitrogen from the air. In the form of nitric acid, the nitrogen falls in raindrops and enriches the soil. Thru this process, lightning annually produces nearly 100 million tons of nitric acid soil builder. Man, of course, manufactures more fertilizers to help nature along with her big job.

Second benefit explained is that lightning restores the electricity that constantly seeps from the earth to clouds and thus keeps the earth charged. Negative electricity continuously leaks into the skies from the earth at the rate of 1,000 amperes. The power represented in this leakage is about 300,000 kilowatts, or enough to drive 200 submarines. To offset this loss of electricity, the earth's surface must be struck by lightning at the average rate of 50 times a second, or about 2 billion times a year. And lightning certainly carries a wallop, the author of this information placing it at 30 coulombs, representing about one billion kilowatts—more than the combined output of all the powerhouses in the world.

What a miracle it is that lightning doesn't strike us if it is hitting the earth 50 times a second. We wish it would concentrate on the Nazis and Japs for a few hours.

We Hear That . . .

Fire: The Normandie, huge French liner seized by the United States last May 15, for use as a naval auxiliary, was seriously damaged by fire last week. This boat, renamed the Lafayette, is next to the largest ship in the world, the British liner Queen Elizabeth being larger. But how large is a big boat?

This one is 3 blocks long, has a displacement of 83,423 tons, and there were 2,200 workmen and navy men aboard making her over when the fire started. The Normandie cost 60 million dollars.

Junk: There no longer is such a thing as junk says Price Administrator Leon Henderson. "A pile of so-called junk, when rehabilitated, becomes tanks, bombers and bullets. A pile of old newspapers is a potential cardboard carton to carry weapons and ammunition to their destination." Is there any ex-junk on your farm you could sell and thereby help win the war?

Pigs: U. S. expects 1942 pig crop of 97 million head, 10 million more than any other pig crop on record. Secretary Wickard is pleased as punch over this response making it possible to more than meet the Food-for-Freedom hog-production goals. "Far rather have a little extra than not enough in this battle against the Axis powers," said he. Short time ago such production would have scared our markets price-less.

Roads: Farm-to-market roads must take a back seat this year. Work of the state highway department will be restricted to strategic roads which the Federal Government has placed on the must list. Highway No. 10 east of Junction and No. 75 north of Topeka are on the list.

Potatoes: No need to worry about the supply of certified seed potatoes. Last year's 17½ million bushels was second only to the record crop of 18¾ million bushels grown in 1940, and was well above the 10½ million bushel 10-year average 1930-39. The Cobbler leads all varieties, with Triumph second.

Loans: Up to \$500 now can be lent to land holders by the Farm Security Administration in the Food for Victory campaign. Rules now make a large number of farmers eligible for a loan who couldn't get one before. Money also will be lent to 4-H Club members, Future Farmers and others for calf, beef, pork, dairy and poultry projects.

Time: With farmers working at least 8 hours in the morning and 8 hours in the afternoon, daylight-saving time probably hasn't changed their schedule to any great extent. But if farming time is made much earlier, they will just about find themselves getting up yesterday to be on time today.

KANSAS FARMER

Continuing Mail & Breeze

Vol. 79, No. 4

ARTHUR CAPPER Publisher
H. S. BLAKE General Manager
T. A. McNeal Editor
Raymond H. Gilkeson Managing Editor
Roy Freeland Associate Editor
Cecil Barger Associate Editor
Ruth Goodall Women's Editor
Lella J. Whitlow Children's Editor
Dr. C. H. Lerrigo Medical Department
James S. Brazelton Horticulture
Mrs. Henry Farnsworth Poultry
Jesse R. Johnson Livestock News

Published the first and third Saturdays each month, at Eighth and Jackson streets, Topeka, Kan., U. S. A. Entered as second class matter at the post office Topeka, Kan., U. S. A., under Act of Congress of March 3, 1879.

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

A FARM IN ENGLAND IS AN ARMED CAMP

By FRANCIS FLOOD

ENGLISH farmers have it plenty tough. Remember, theirs is not a plant-for-victory program. Theirs is a plant-for-life-or-death program.

I told in a previous article some of the things they're up against. Bomb craters and shell holes to farm around; saw 53 on one farm. Tank traps and home-guard trenches dug into their fields. Every field stuck full of poles to keep enemy planes from landing. Their roads torn up. Their grain stacks cautiously scattered over the farm and their cattle separated into small herds to prevent too great damage from any one bomb.

The farmer has to do home-guard all 24 hours a week and his wife has to stand fire watch 2 nights a week, on top of their regular farm work. Their homes are bombed and their sons killed in the services.

And then, as if that weren't enough trouble, every detail of their farming dictated by their county committee. Finally, if they should make any money it is taxed away from them at 10 or 60 or even 90 per cent tax rates. Maybe you thought I'd told you of all their difficulties in that story. I didn't even start.

I'll tell you of another English farmer I visited. I can't tell you his name because his farm adjoins an airport of the Royal Air Force, fighter command. I couldn't even visit him except that I was with the county farm committeeman. We had to present credentials to a sentry at his farm gate. His farm in England is an armed camp.

Safety Instead of Beauty

"Nice neighbors you've got." I added toward a squat, sandbagged hut, half dugout and half above the ground, with branches of trees piled on top. It was surrounded with a hideous maze of barbed wire. With the English farmer's love for a beautifully landscaped countryside, this was an especially ugly eyesore. It was an anti-aircraft battery, with 17 men on duty day and night.

"And when that battery—just 400 feet from my house—turns loose with its ack-ack guns—well, I'll never complain again about noisy neighbors," the farmer said. "That happens night after night when we're being raided."

"You see, they took part of my farm for the airport. Just moved in and took over. I've got one potato field isolated over there on the other side. Takes me an hour to get to it, around the airport and past the sentries who challenge me on my own farm."

"And there are thousands of other farmers like me who have R. A. F. airports for neighbors, too. But we're used to having them. If they need my whole farm they can have it."

"See that turnip field back of the barn? There's another battery camouflaged in it. Never know it, would you? They shoot 'em down, too. They got a Messerschmidt that crashed right over here beside the house. Yes, and then exploded and burned up. Things like that are a nuisance, you know, right in your front yard. But we were glad, of course. And another German plane was shot down in a dogfight right over my house and crashed 300 feet away."

"Yes, sir, my neighbors in those little huts may be noisy but I'm glad we've got 'em."

"What about keeping help on a place like this?" I asked.

"That's a problem," he admitted. "And horses. I finally had to give up horses entirely, for tractors. You see, when an air battle is going on right over your head while you're in the field and we've had lots of 'em here—at low levels, the only thing you can do is you're in the field with a team and wagon, or a drill or anything, is to lie

down under the wagon to escape the flying shrapnel. And when you do that the horses run away. So I got rid of 'em. Only have one horse left."

"Why do you have that one?"

"Oh, he has a broken leg from falling in a tank trap."

Then this farmer showed me what he had done to keep his labor. We went into the cellar of his old farmhouse—which, by the way, was more than 300 years old. From that cellar we climbed down a 12-foot ladder to a tunnel under the cellar. This tunnel was about 5 feet in diameter. We followed it for about 30 feet and then climbed down another 15-foot ladder to a still lower level and then followed that tunnel, which opened at intervals into small rooms, 10 or 12 feet wide, containing beds, tables, candles, water and food.

We finally came to another ladder up which we climbed for 33 feet to the surface of the ground—and that opening, concealed in a little Anderson shelter, was actually 320 feet from the farmhouse where we had started.

All this, the work of 4 men for 3 months, to provide a safe bomb shelter for his farm family and his help.

Leave the farm? Abandon it, because of all the difficulty of carrying on? Not at all! He was farming more carefully than ever, despite the bomb craters, tank traps, and open ditches to prevent planes from landing.

"But labor is one of my chief problems," this farmer and many others told me.

Farm labor has gone to the army and navy and munition factories and air force. Substitute labor is not as



Factory worker in England cutting herself a piece of American cheese.

Brother Andrew and the head of the Women's Institute peeling apples to make jam, in the historic Benedict Abbey, St. Mary's. The Lord Abbot has allowed women to enter, in order to cook.



In England the land army girl has taken the place of the hired man. These are former college girls, bankers' and lawyers' daughters who have enlisted and do the hard farm work, with long hours and low pay.

St. Patrick's Party

If you are planning a party for St. Patrick's Day and want some peppy game suggestions, you will be interested in seeing our leaflet, "A Bit O' Irish Fun." Also there are 2 written contests for your party, and ideas for invitations, decorations and refreshments. Write today for a copy of this helpful leaflet, including 3 cents to cover mailing costs. Address Leila Lee, Kansas Farmer, Topeka.

good—but the English farmer is glad to make the best of it. They have 2 substitutes—aside from much longer hours for themselves and wife and children and the old folks who formerly had lame backs or rheumatism or some other ailment which disappeared under the "plant-for-life-or-death" program.

These 2 substitutes are tractor farming and the land army girls. I talked to many farmers about both.

The difficulty with the first is to get the tractors. Most farm tractors on English farms are made in America, the same makes we use here except the English-made Fordsons. But our tractors are in great demand now, in Russia, in Africa, in China—for military purposes. Our farmers here know of the increased demand for tractors here in the United States. And on top of this, some of our tractor plants are now making tanks.

All this adds up to a problem—a problem which, irritating as it may be to our U. S. farmers, is not limited to us by any means, and is much more acute to many others. No, I don't know the answer. That's not my business. I'm just reporting facts.

In a little village in Scotland a small implement dealer told me he had back orders for 54 tractors by clamoring farmers in his one neighborhood. I was told there are back orders for 61,000 farm tractors in England.

More Tractors Needed

A Kent county farmer, Mr. Montgomery, told me—as we stood on his porch looking across the Straits of Dover to France—that he had ordered 4 caterpillars a year ago and had finally got 2 just a week or so ago. He raised this question: If a farm tractor can bring into cultivation an additional 100 acres in England, would it not be better, from the standpoint of shipping space and cost and final results, to ship more tractors to England, even if it might mean shipping less foodstuffs?

Certainly the demand for farm tractors in England is not only as great as ours here but it is as important and vital to our allied needs.

Another Kent county farmer showed me a secondhand Fordson, 4 years old, which he had just bought at a farm sale for \$1,600, and he was tickled to death to get it.

Mr. Fox, another Kent farmer, showed me a beet-digging plow, just a common little 1-horse, 1-row tool, like a small 1-horse walking lister, which he had bought secondhand at a farm sale for \$60. It was the kind of tool you could buy at any sale here for \$5 or \$10 at the most.

In other words, altho prices are rigidly controlled on most things in England, farm-machinery prices are out of sight. In view of the heroic effort made by English farmers to produce, perhaps an even greater effort should be made to get tractors and machinery to those front-line trench-farmer allies of ours.

The other labor substitute, which I mentioned above, is the land army girls.

Now, don't think that these hard-working, female "hired men" of England's farms are in any way simply a

(Continued on Page 15)



SOMETHING must be done to insure sufficient farm labor for the farms of the United States, if the farmers are to produce the greatly increased amounts of food and fiber for the armed forces and the people of the Allied Nations—the United States, Britain, China, Russia and we don't know how many other nations.

The job of arming, feeding, fighting, protecting and perfecting the most of the world is going to be a much bigger task than our rather complacent Government has been contemplating, I very much fear.

Our Government, thru Secretary of Agriculture Wickard, has called upon the farmers to produce immensely increased quantities of foodstuffs and fibers excepting wheat, of which it still is insisted there is a huge domestic and world surplus. At the same time supplies of farm labor are being steadily depleted. The boys and young men and unmarried older men who do so much of the work on the farms are being drafted into the army. Thousands and thousands of them have enlisted in the navy.

There already is a serious shortage of farm labor. It promises to be much more serious before the harvest season approaches.

It is not only the Government that is taking sorely needed farm help away from the farms. War industries are drawing farm workers into industrial plants by the tens of thousands.

High wages and short hours, with overtime pay, in industry are making it exceedingly difficult for farmers to keep hired help these days. This condition promises to get worse instead of better—from the farm production viewpoint—as the months go by and more and more is demanded in industrial production in the all-out war effort.

At the same time that wages and costs of everything the farmer has to buy are rising steadily, Secretary of Agriculture Wickard and Price Administrator Leon Henderson are collaborating to hold down farm prices. And I understand that Mr. Henderson is planning to ask Congress to enact a new price control bill that will give him exclusive power to fix farm prices.

I am very sympathetic with the efforts of the

FARM MATTERS

As I See Them

Farm Bureau and other farm organizations and leaders to prohibit the Government from selling commodity loan corn and wheat and cotton at prices below parity for the purpose of keeping farm prices below parity. It seems to me to be a short-sighted policy, altho Secretary Wickard makes some plausible arguments for this action to keep down the market price on corn.

As I see it, if prices are held down and farm labor is drained from the farms, it is going to be very difficult indeed for farmers to produce the greatly increased quantities of foodstuffs for the hungry people of the rest of the world.

Another obstacle that is going to become more apparent in the next few weeks, and become more serious as the months go by, is the matter of farm machinery. However, I believe that the War Production Board will take care of this situation, in some measure at least. But the farmer must have machinery to operate, as well as labor and fair prices, if he is to succeed in the tremendous job of production that has been assigned him.

Another Enemy Gains

WAR and insects have a good deal in common. Both are very costly to man. And when man wars on man, insects make increasingly disastrous attacks on his possessions and production. Insects invariably gain ground when war turns attention from them.

Careful government figures show that damage caused by insects may be conservatively estimated at 2 billion dollars a year in the United States. Injurious fungi cause a loss of about one billion dollars a year. Both of these losses would be much greater if farmers didn't use liberal quantities of insecticides and fungicides.

With war on our hands maybe all the necessary insecticides and fungicides will not be available. That means extra careful work on the part of folks who use them to see that they are not wasted but that they eradicate all possible insects and fungi. That is good economy any time, of course. But in time of war it also is patriotic.

When man directs so much energy in battle with his fellowmen, the war on insects and their ilk is likely to lag. In other words, the bugs get a breathing spell in which they multiply more rapidly and stage a comeback that may take many years to overcome. The United States will not get off without some trouble along this line.

The Department of Agriculture tells us it has maintained stations in Europe and the Orient for studying and collecting parasites to pit against insects that are destructive to American crops and livestock. During the last 50 years, 94 out of some 500 parasitic species shipped into this country have been successfully established. By holding down the numbers of destructive insects that are their prey, these parasites are now serving to limit the damage by insects. In other words, it is a bug-eat-bug business, and man takes advantage of this idea by pitting one bug against another. It isn't surprising that when man pits himself against man, the bugs take advantage of that situation.

When war started in Europe in 1939, our Bureau of Entomology and Plant Quarantine was forced to close its Paris station and to discontinue collecting parasites in Europe. Obviously, conditions in the Far East made it necessary to stop work in the Orient and to close the station at Yokohama. All of which may give the bugs another head start. However, our experts are in South America, Australia and New Zealand looking for bugs that will eat our bugs, so effort along this line has not been stopped.

Arthur Capen

Washington, D. C.

★ ★ ★ From a MARKETING Viewpoint ★ ★ ★

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

I can sell my milk to a cheese factory for 52 cents a pound of butterfat, or to the local creamery for 37 cents a pound of butterfat. Hauling costs to the cheese factory are 25 cents a 100 pounds, and hauling costs to the creamery are 2 cents a pound. Where should I sell my butterfat?—R. P. M., Jackson Co.

This question usually has to be answered by the individual producer, since the value of skim milk depends a great deal upon what the farmer has to feed it to. For comparative purposes we have been using 40 cents for 100 pounds of whole milk as the value of the skim milk. Returns for 100 pounds of 4 per cent milk sent to the cheese factory would be $\$0.52 \times 4 = \2.08 less $\$0.25$ hauling charge, or a net price to the producer of $\$1.83$. Returns for 100 pounds of 4 per cent milk sent to the creamery would be $\$0.37 \times 4 = \1.48 plus $\$0.40$ for skim = $\$1.88$ less $\$0.08$ hauling charge, or a net price of $\$1.80$. This would indicate a slight advantage

to the cheese factory. On the other hand, more labor and care usually are required to send milk daily to the cheese factory.

I would like to buy some pigs to feed out, but before I do I would like to know more about the market. What do you think of the future trend of the hog market and what about ceilings on hog prices?—G. T. H., Audrain Co., Missouri.

Recent price legislation would enable the Price Administrator, with the approval of the Secretary of Agriculture, to place a ceiling on hog prices if they go above 110 per cent of parity. On January 15, hog prices were about \$1 below 110 per cent of parity, but recent advances probably place the market near that level. No official information is available as to whether price ceilings will be imposed or, if they are imposed, at what level. If hog prices continue a sharp advance, there is a distinct possibility that ceilings may be applied.

If there are no price ceilings, the strong government and domestic de-

mand situation and a seasonal decrease in marketings would indicate a further slight price advance during the next month. During a season of advancing hog prices it usually is difficult to buy feeder pigs at favorable prices. If you cannot figure a profit on feeder pigs at current prices, it may be well to wait until late spring, when hog prices are expected to decline seasonally, before making purchases. The fall peak in hog prices probably will be about as high as the spring peak.

I have 53 head of good, white-face steers that have been on wheat pasture and roughage all winter. I recently started them on ground barley and have plenty of barley and maize for a short feed. When is the best time to go to market with them?—O. H. S., Scott Co.

A good time to go to market probably will be between March 15 and April 1. By that time most of the long-fed cattle will be out of the country and there probably will be a relative scarcity of well-finished cattle. This would indicate strong prices at that

time. Assuming that your cattle made good gains on wheat pasture, finishing them on grain before going to market should improve their quality so that they will bring a better price. Carrying cattle into April or May would not seem advisable, as a seasonal increase in marketings of fed cattle from the Corn Belt is expected at that time. Try selling soon after March 15.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$14.00	\$14.10	\$12.50
Hogs	12.60	11.55	7.80
Lambs	13.50	12.50	10.50
Hens, 4 to 5 Lbs. ....	.21	.18½	.14½
Eggs, Firsts .....	.27	.33½	.36
Butterfat, No. 1 .....	.32	.33	.28
Wheat, No. 2, Hard ..	1.24	1.28½	.81
Corn, No. 2, Yellow ..	.90	.83½	.61
Oats, No. 2, White ..	.58½	.58½	.35½
Barley, No. 2 .....	.58	.64½	.48
Alfalfa, No. 1	21.00	19.00	14.00
Prairie, No. 1	13.50	13.50	9.50



Genial Eric Moe Jr., 220 pounds of potato grower, owns 350 acres at Ellensburg, Washington, rents 650 acres, takes care of several hundred extra acres of potatoes for neighbors. A believer in modern equipment, he owns his own plane. It takes him over the mountains, from Kittitas Valley to Yakima Valley, in 30 minutes compared with a tough two-hour drive by automobile. He's developing another potato farm over Yakima way

"Probably the biggest factor in cutting

costs," believes Mr. Moe, "is modern equipment. Such equipment runs into money, and that's why I maintain a potato grower in this section must have ample acreage. All my heavy field work is done with diesel tractors which burn low-priced fuel. These tractors can pull a plow, double disc and harrow in one operation. They cover the ground faster and conserve moisture in the soil. This spring, for instance, my 7 tractors covered 1000 acres in one week. For lighter work, such as cultivating, I use standard rubber-tired tractors"



Modern way to grow potatoes

TO KANSAS FARMERS

Mr. Moe looking at his potatoes is a man looking at what fills his thoughts most every hour he's awake. At 20 he took over full responsibility for running his father's ranch. He put in some potatoes and prices were good, so he bought a tractor. To save that tractor, when potatoes dropped \$5 to \$8 a ton next season, Eric Moe Jr. worked out for his neighbors and did road work. "I had a bad time of it for awhile, but I kept searching for ways to cut production costs," he told me. "Now my costs are one-third less than they used to be." In addition to handling potatoes for his neighbors, Eric in 1940 harvested 5000 tons of Netted Gems, about 200 cars. His potatoes run around 75% No. 1's



Seed potatoes are cut into small sections for planting. To get hardy stock, Mr. Moe imports seed potatoes from northern Montana, Idaho and other states where winters are extreme. "Rotation is necessary for high production," Eric Moe Jr. explained. "In the spring I plant Yellow Madrid sweet clover seeded with barley. The barley grows faster and can be cut the first summer without injuring the clover. Two years of clover when turned under makes the ground so rich potatoes can be grown two or three years in succession. Another important factor is irrigation. We start to irrigate as soon as the tubers set in early summer. Then we try to maintain an even supply of soil moisture right until harvest begins in mid-September"

Modern way to sell potatoes

"A lot of my best potatoes are bought by Safeway," Eric Moe Jr. told me. "They demand our best quality and pay top prices."

"Safeway has helped in many ways to increase consumer buying of potatoes. In January 1940, when prices started to slip due to an over-supply, Safeway stores in Washington put a special drive behind our spuds. They gave potatoes extra displays and talked them up in advertising."

"Recently, at Safeway's suggestion, I packed about 10 carloads of No. 1

potatoes in 15-pound paper bags instead of my usual pack—50 and 100-pound sacks. Safeway stores here in Washington moved these 15-pound bags of potatoes (about 30,000 of them) in a short time."

"That's a pretty good example, in my opinion, of the way Safeway works. They help consumers get good values by encouraging producers to offer what folks want, and then they back up the merchandise with modern promotion methods."

YOUR SAFEWAY FARM REPORTER



Two cellars and a warehouse, all frost-proof, give Eric Moe Jr. storage for 3000 tons of potatoes. All his potatoes are washed, run over a draper and sorted by hand to grade out the No. 1's. All Moe trucks and tractors carry the name, Hillcrest Farms

OUR VICTORY JOB



WOMEN'S Victory job is on the home front. Our lot will not be the spectacular daring of the air corps; the adventure of life on the high seas the navy boys experience, nor the combat service of the army. Yet women have an important role to play in our defense program. Not only in the home where they must maintain the family's well being at a high standard thru careful buying and right nutrition, not only in volunteer work where a veritable "army" is already aiding the established social welfare agencies; not only in civilian defense; but in factories and on farms, women are successfully doing men's work, releasing our finest specimens of young manhood for the more difficult jobs.

There is so much women can do. Now that we are at war, it is more necessary than ever that as consumers—and women have always done the lion's share of the buying—we know how best to spend our money so we will conserve all the materials our nation possesses, and at the same time release all possible manpower for defense and the manufacture of war supplies.

"No discussion of consumer problems," says Harriet Elliott, of the consumer division, Office of Price Administration, "can proceed very far before someone sums them up as problems dealing primarily with food, shelter and clothing. By the time this year is out, consumers will have paid out about 7½ billion dollars for shirts, socks, hats, shoes, dresses, underwear, coats, suits, overalls and so on. What will consumers have bought with their 7½ billions?"

"A simple itemization of the things they needed to clothe their families won't begin to tell the story. They will have bought not only

dresses, shirts, sheets and underwear; they will have been buying warmth, comfort, beauty and self-respect. They will have bought civilian strength and morale. But this, too, is only part of the picture.

"They will have bought time—which is too short now—machines, machine tools, space in warehouses and on ship bottoms, freight cars and heavy engines to pull them, replacement parts for weaving machines, the use of sewing machines, paper wrapping, scarce dyes, chemicals of limited supply, labor in factories and fields, management skills. In a word, they will have bought the use and service of a great section of our total power to produce.

"Our land of plenty is insufficient to meet today's needs in the short time history has allotted us. We don't have surpluses. We do have scarcities. And any weakness, any waste, any improper use of our economic or material resources will, at some point of place or time, hinder the defense program."

Just before the turn of the year, the consumers of America were presented a pledge for total defense. It reads: "As a consumer in the total defense of democracy, I will do my part to make my home, my community, my country, ready, efficient and strong.

"I will buy carefully.

"I will take good care of the things I have.

"I will waste nothing."

Within a week signed pledges had reached a total of 905,615—nearly a million consumers had agreed to that pledge. Perhaps you were one of those who signed up. If not, there's no better way to do your bit—right where you are—than to take the pledge right now.

It is easy to see the value of such a pledge.

The farm homemaker who in her individual "war against waste" saves 5 cents a day saves \$16.80 a year. Suppose she lives near a little town of say 2,000 population, and every person in that small town does the same—annual town saving \$33,600. If our nation of 132 million persons follows suit . . . but you can figure it yourself!

However, few farm women need to be convinced of the value of a thrift drive. They know what impressive totals can be achieved thru petty economies. Besides, who minds cutting corners when one's best friends and the neighbors are saving dimes to buy defense stamps, too.

Letters from our readers indicate Kansas farm women are figuring out many things they may do as their share in this all-out war, until victory is won. Writes a Washington county farm homemaker:

JUST because we women have to confine our efforts mostly to home work is no sign we cannot help in this emergency. Let's plan to raise the biggest, best gardens we ever had—real Victory Gardens. Send for several seed catalogs, decide on what you will need for everyday use, then produce great quantities to eat at once, to can, dry or pickle—enough to see you thru next winter.

"If you are fortunate enough to own a locker box, plan to have a quantity of vegetables and berries frozen. If you live in a fruitless country, try growing citrons, pie melons and ground cherries.

"When ordering your garden seeds, add a few cents more and get a packet of mixed annual flower seeds. I like to slip in a short row of flowers between vegetable rows. The sun is not nearly so hot or the backache so sharp when one can spend a short time with the flowers. You will enjoy the great variety to be found in one small packet of seeds.

"Plan to raise at least enough chickens for your family's use. If you are undecided what to breed to try, why not order the assorted varieties? Like the mixed flower seeds—you will enjoy them all. Here again, your locker will come in handy for you can dress your young chickens as rapidly as they are large enough and have fries whenever you want them. Keep several of the best pullets for layers. Mix your table scraps with a little ground grain, give them plenty of milk or water to drink and a small flock will pay their way with eggs. Before this is over, we may all have to do a lot of things we have not been used to doing, but it will not hurt us a bit."

From an Atchison county reader we learn of a school that has gone on an "all-out" program. "Our community school here has adopted a 4-point plan I imagine several other schools have also adopted. Shop and future homemaking periods are now being used for first-aid classes and Red Cross sewing and knitting. Home nursing and bandaging classes are being offered. A blood bank is worked out in operation with the local physicians and a student donating a pint of blood is given special credit. Teams have been organized for the sale of defense stamps and bonds. Yes, our school is out to win."

"How often do you hear people say, 'If I had money, I'd give to the Red Cross, the U. S. O. or some other worthy cause?' " asks Mrs. A. L. R., of Osage county. "It would be nice if we could all give as freely of our money as we wish, but if we stop to consider it our time is worth money and we all have the same number of minutes in a day. Maybe if we budget our time more freely we can give something as necessary as money. Someone has said, 'Time is money, days are dollars' and there surely is something we can all do, no matter where we are or what we have."

—So goes the victory job—on the home front!

Farm and Home Week's

Hobby and Costume Revue

By RUTH GOODALL



Mrs. Howard Shockey, Mildred, Allen county farm woman, is displaying a striking relief of "The Last Supper" she has done in native walnut. Wood carving is a hobby of Mrs. Shockey's and she is especially proficient in making model horses.

ESPISTE a globe-circling war, higher taxes than anyone cares to think about, and a labor shortage on the farm front, farm folks from 97 Kansas counties turned out 1,465 strong for Farm and Home Week, an annual early February event at Kansas State College, Manhattan. Of that number, 961 were women, 504 men—leaving not much question which sex was less worried about the tires holding it.

More likely it is a feminine penchant for gathering treasures along the way to bolster morale "come what may." Anyway, the women got to Manhattan somehow, attended meetings, oh-ed and ah-ed over exhibits, sandwiched in social affairs, made new friends, renewed old acquaintances, missed little that was going on from breakfast until bedtime, and had a gloriously good time right thru the 4-day session.

Theme of this year's homemakers' program was "Developing Socially Useful Citizens." Instead of the usual powers and palms, decorations were keyed to the Victory Garden campaign and the nutrition-for-defense and food-for-freedom programs, with bright-colored displays of vegetables, fruits and farm produce adding interest both to stage settings and dinner tables.

To Georgiana Smurthwaite, state home demonstration leader, should go credit for planning and carrying out a succession of meetings as entertaining as they were educational. From beginning to end, meetings were packed with suggestions—physical and spiritual—for maintaining a wholesome family life during the emergency, and many nuggets gleaned from talks and exhibits will long be treasured in farm homes over the state and will be used

to build a stronger line of home defense.

Scene of never-ending interest was the hobby show—the first for Farm and Home Week—held each afternoon from 1 to 4, in Anderson Hall, with Christine Wiggins and Doris Compton, extension specialists, in charge.

On Wednesday and Friday afternoons several of the women hobbyists demonstrated their work. Mrs. Howard Shockey, Allen county, talked about her wood carving. Using a piece of glass and a jackknife, she has carved figures out of walnut which draw admiration from all who have seen them. Mrs. Shockey likes best to carve horses—she loves them and owns several riding horses. Besides using walnut wood as a medium, she also has worked with white marble. At present, she is carving "The Lord's Supper," a large rectangular plaque planned for use on a church communion table. Without any formal training, Mrs. Shockey has developed her creative ability to interpret in wood the human and animal forms.

For several years, women in this state have been interested in carding home-grown wool for use in comforts. Mrs. O. W. Bacon, Butler county, demonstrated wool carding. She also displayed several finished comforts.

Growing herbs and their use in everyday cooking is the hobby of Mrs. C. C. Cunningham, El Dorado, Butler county. This year, more than ever, women are interested in herbs since imported spice supplies threaten to become very low.

Making use of odds and ends of material and discarded clothing occupies the leisure time of Mrs. Neil Wishart, Manhattan, and has created for her a most enjoyable hobby—weaving

rugs on home-made looms. Several examples of her handiwork were on display.

Mrs. Arthur Christiansen, Cherokee county, showed her collection of blankets and comforts made from wool grown on the farm. In her display was one comfort batt made from reclaimed wool.

Two other exhibits displayed grew out of an interest in gardens. Mrs. Allen Bilderback, Nortonville, Atchison county, is a vegetable and flower garden enthusiast. She has compiled her gardening notes and written a story that gives a complete picture of her gardening work.

Recognition as an authority on gourds has developed for Mrs. W. C. Daniels, Wyandotte county, as the result of her work as landscape leader in her Farm Bureau unit. She displayed gourds of all shapes, sizes, and varieties and showed how they may be used both for decoration and utility.

Mrs. W. C. Peck, Butler county, who has won many prizes at the Kansas fairs, had on display a pair of lovely paintings. Mrs. Peck received her training at the University of Wichita.

A sampler which she had made on linen that her grandmother wove by hand was exhibited by Kitty Atkinson, Leavenworth county. The sampler shows the Atkinson farm homestead at Kickapoo, and outlines the townsite and Kickapoo mission as it appeared 100 years ago when Kickapoo was a trading post and one of the first boat landings on the Missouri river.

Always a source of inspiration is the costume revue which has become a fixed part of the week's activities. Even women who profess to be far more kitchen-minded than clothes-conscious refuse to miss it. This year's style show seemed more popular than ever. We've been hearing a lot, ever since war broke forth in Europe, that the fashion center of the world is changing. New York has been claiming the honor, with Hollywood putting in her bid for first place, but if you had seen the dresses and suits fashioned

(Continued on Page 12)

EXPERTS SAY . . .



As well as for All General Baking . . .

● Experts look for, and get, blue-ribbon awards for cakes baked with Clabber Girl . . . Home bakers, too, are rewarded—by the smiles that ring the dinner table as cakes, quick breads, biscuits or waffles get the family vote . . . Try Clabber Girl, following your favorite cake or other recipe to the letter . . . Results will surprise and delight you.

ASK MOTHER, she knows . . . Your positive guarantee is Clabber Girl's positive Double-Action



CLABBER GIRL
BAKING POWDER

LADY, WHEN YOU BAKE AT HOME REMEMBER, THE ONLY YEAST WITH ALL THESE VITAMINS IS FLEISCHMANN'S

O. SOGLOW

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

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



\$500⁰⁰ IN U. S. DEFENSE BONDS

AND STAMPS, for COMPLETING (in 50 words or less) THIS SENTENCE:

"I LIKE ARNHOLZ FLAV-O-TAINER COFFEE BECAUSE _____"

Ask Your Grocer for an Entry Blank

or write Arnholz, 135 North Broadway, Wichita, Kansas; giving name of your grocer, and full instructions will be mailed promptly.



DELCO-LIGHT Power Plants

Product of General Motors

Get a Delco-Light Power Plant right now and have the electric power, you have always wanted, to do work quickly and cheaply. It will help you produce more in spite of the labor shortage.

Delco-Light Electric Power is cheap. It will do the equivalent of a man's work for 1c an hour and thus release man power for other productive farm work.

For example, a 1000 watt Delco-Light Power Plant will run five 1/4 h.p. motors for 4 hours on a gallon of gasoline. With gasoline at 20c a gallon, you can run these five motors one hour for 5c. A 1/4 h.p. motor can do one man's work, so this 1000 watt Delco will furnish the equivalent of 5 man hours of work for 5c.

A DELCO-LIGHT POWER PLANT DOES THE JOB BETTER

It furnishes cheap, dependable power to pump your water, do your milking and separating, light your hen house, run the electric refrigerator and all the other appliances for which you and your wife have been waiting.

Get the facts. Over 500,000 of these plants have provided economical electric power for others. Ask your Delco-Light dealer or send coupon. Buy on F.H.A. terms if you wish.

A DELCO-LIGHT IRONCLAD BATTERY DOES THE JOB BETTER

Guaranteed for 10 years. Built especially for heavy duty farm use. They keep your plant, motors and appliances doing a top-notch job, year in and year out. Old batteries waste power and money. Let the Delco-Light dealer test yours free. You will be wise to replace now if necessary.

A Delco Water System Does the Job Better

Get the facts about all the features that make a Delco Water System a time-and-money-saver. Learn how one will deliver as much water to your faucets for 5c as you can pump in 3 hours by hand.

DELCO APPLIANCE DIVISION
General Motors Corporation
ROCHESTER, N. Y.

DELCO APPLIANCE DIVISION
General Motors Corporation
380 Lyell Avenue, Rochester, N. Y.

Send facts of Delco-Light.
☐ Check here for facts on Delco Water Systems.
☐ Check here for Free Battery Test.

Name.....

Town.....

State..... R.F.D.....

BUY DEFENSE BONDS AND STAMPS

Poultry Champions Honored



Among Kansas poultry champions crowned during the 1942 Farm and Home Week at Manhattan were Mr. and Mrs. John Brunner, left, of Elmo, and Mrs. C. C. Krause, right, of Plains.

Here's the Difference In Wheat and Corn Markets

CORN has to be dealt with differently from wheat, according to Secretary of Agriculture Claude Wickard. "Some corn farmers ask why we are selling wheat and cotton at prices higher than 85 per cent of parity, and corn at 85 per cent of parity," comments Secretary Wickard.

"So far as farmers are concerned, it makes very little difference whether they get parity thru the loan and payments, or thru parity prices in the market place.

"But the price of corn has much more effect upon consumer prices than do the prices of wheat and cotton. A few cents difference in the price of wheat has very little effect upon the price of a loaf of bread. A moderate rise in the price of cotton has a very little effect on the price of your shirt.

"But a comparatively small increase in the price of corn may result in rather significant price-increases for milk, meat and poultry products. Keeping the price of corn at around 85 per cent of parity during the war may

mean savings of hundreds of millions of dollars in the cost of foods. So long as we assure corn farmers parity, I am certain they will approve a policy which avoids inflation."

The importance of feed for livestock and poultry in the national program to produce foodstuffs for the United States and other peoples scattered over the world is very great, according to Secretary Wickard.

"So important is feed in this whole picture that we're also selling wheat for feed," said Wickard. "We're selling it at a price which is comparable to corn for feed. We recently announced we would sell 100 million bushels for feed purposes, and we stand ready to sell more as quickly as feed purchasers will buy it. We have two objectives in mind. We must move some of our wheat out of storage in order to find a place for the new crop. But even more important we want to carry out the policy of furnishing plenty of feed from the ever-normal granary at reasonable prices."

Elevator Eliminates Back-Breaks

A PORTABLE grain elevator, made from parts of a salvaged grain separator, eliminates back-breaking work on the farm of A. B. Snyder, Cowley county farmer. Actual cost of the elevator was \$25, plus some old iron and wheels which Mr. Snyder already had in his possession.

He obtained a return auger and elevator from a neighbor's old separator, and with the help of a welder, mounted them on 2 steel wheels. The wheels are about 30 inches in diameter and set

apart on an axle wide enough to clear the auger and elevator.

Using 2-inch pipe, a frame was made in a "V" shape, long enough so that the elevator when laid in a horizontal transport position will clear the vehicle used for transporting. It is well braced.

A hitch was welded to the closed end of the "V" frame, and the other ends were each welded to a piece of pipe about 6 inches long, which are slipped over the axle so the frame can be turned freely on the axle.

The auger and elevator were fastened to the axle, making it possible to tilt the elevator to a vertical position for use.

A shaft with 3 pulleys was also fastened to the frame. The center pulley takes the belt from the engine, one pulley drives the auger, and the other drives the elevator, this elevator being driven from the top. A grain table was built on the auger housing, for the grain to slide from the truck to the auger. The table was made on hinges and with legs of adjustable height so it can be folded down when the elevator is being transported.

A special endgate with sliding door was built for the truck so the flow of grain can be adjusted properly to the capacity of the elevator.

DELCO DISTRIBUTORS

A.A.A. APPLIANCE AND ELECTRIC CO.

3105 Holmes Street
KANSAS CITY, MO.

Distributors for Eastern Kansas

Your nearest local distributor for

Delco Light, Delco Ironclad Batteries
and Delco Water Systems is

GENERAL PRODUCTS, Inc.
120-122 S. St. Francis, Wichita, Kansas

How to cash in Fast on current high prices



- The government has guaranteed minimum prices for eggs and poultry...
- The defense program has created an enormous new demand for these products...
- You'd like to cash in on the situation...

ALL RIGHT! Here's how:
One of the best, and fastest, ways to get your birds properly started and developed is to keep them on Pillsbury's All Mash Starting and Growing Feed from their first "peep" till the day they are ready for Pillsbury's No Mix Mash and Pellets—the economy program.

A COMPLETELY BALANCED RATION FOR STARTING AND GROWING
Ask your dealer for...

**Pillsbury's
ALL MASH**
STARTING & GROWING FEED

Ann Arbor

Made Right—Priced Right
For More and Better Sales



Investigate new model No. 18 Pick-up.
Fox Pick-up Cutters and Silo Fillers
ANN ARBOR-KLUGHARTT CO.
1205 Woodswether Kansas City, Mo.

The New K-M SILO

First in every feature you want. Beauty, Strength, Durability. Vibrated Curved Staves, made from Waterproof Cement. Triple Coat of Plaster. Every double hooped, ten-year guarantee. 20 years' experience building silos.

Kansas-Missouri Silo Co.
Topeka, Kansas
Kansas' fastest-growing Silo Company. There is a reason.

MORE PROFIT FROM

5 DIFFERENT GRAINS
BY ONE SEED
TREATMENT!



Ask your neighbor who uses New Improved CERESAN! Get the facts first-hand! The 1-lb. size of this easily-applied dry disinfectant treats 32 bushels of seed oats, barley, sorghum, flax or wheat for only 2 1/2¢ per bushel—kills or reduces certain seed-borne diseases—generally improves yields, which result in more profit on your labor. Works both by contact and vapor action; wear dry mask when treating. Get Grain Pamphlet free from dealer or write Bayer-Semesan Co., Wilmington, Delaware.



the original organic mercury
SEED DISINFECTANTS
A TREATMENT FOR EVERY MAJOR CROP

THE BARTEDES SEED CO. Lawrence, Kansas

Premier Seed Grower



W. Fred Bolt, prominent Pratt county farmer, named as one of 2 Kansas Premier Seed Growers, honored during Farm and Home Week at Manhattan. On his 550-acre farm Mr. Bolt specializes in production of wheat and sorghum seed.

FCA Comes West

The Farm Credit Administration is moving from Washington, D. C., to Kansas City, Mo. The Agriculture Department has agreed to move 3,848 employees of FCA out of Washington to make room for defense workers. The transfers will send 1,140 FCA employees to Kansas City, 700 AAA employees to various cities where the agency now has field offices, 1,155 REA folks to St. Louis, and 633 FSA employees to Cincinnati. The Farm Security Administration previously had been scheduled to move to St. Louis.

Make Distress Loans

Special farm and home improvement loans will be made to 35 Kansas counties under the program conducted by the Farm Security Administration. Loans will be made to distressed farm owners so they can do their share in agriculture's war effort. Loans will go to owners with farms badly in need of repairs and improvements.

Kansas counties included are: Marshall, Nemaha, Brown, Doniphan, Pottawatomie, Jackson, Atchison, Jefferson, Leavenworth, Wyandotte, Wabunsee, Linn, Greenwood, Elk, Chautauqua, Shawnee, Osage, Coffey, Woodson, Wilson, Montgomery, Douglas, Franklin, Allen, Anderson, Neosho, Labette, Smith, Johnson, Miami, Lyon, Bourbon, Crawford, Cherokee and Jewell.

Wheat Into Alcohol

The Department of Agriculture announces that the Commodity Credit Corporation is prepared to sell wheat, in place of corn, for the production of ethyl alcohol, acetone, and butyl al-

cohol. Under this plan Commodity Credit Corporation will sell wheat at 91 cents a bushel delivered to processors of the products mentioned. A lower sale price will be made to processors with unusually high conversion costs, but no sale of wheat will be made, it is reported, at less than 80 cents a bushel.

Wheat can be substituted for corn with only minor adjustments in the processes used for making alcohol from corn. These prices stated for wheat are comparable on a pound basis, to the prices previously quoted for corn. A slightly higher yield of alcohol may be obtained from wheat than from corn. On January 15, 1942, the Department announced the plan of selling corn for the production of ethyl alcohol.

Many Uses for Fan

We use our electric fan all year around. Try drying a freshly waxed floor in a jiffy by placing the fan on the floor. On cold mornings one can quickly warm a cold kitchen by lighting the oil stove or gas range and placing the fan so it will blow over the burners. The fan will circulate the warm air about the cold room and it will be comfortable in a few minutes. When clothes must be dried indoors, circulate the air with your electric fan and the clothes will dry again as fast.—Mrs. William Glene, Marshall Co.

DID YOU KNOW THAT . . .



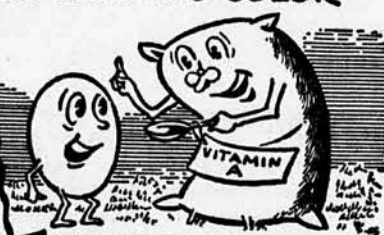
TODAY UNCLE SAM IS TELLING CONSUMERS THAT TRUE EGG

QUALITY DEPENDS ON VITAMIN AND MINERAL CONTENT RATHER THAN ON SIZE AND COLOR—

EGG-LAMS

QUESTION: What is the only source of true Vitamin A used in poultry feeds?

ANSWER: Fish liver oils—such as "Nopco" Vitamin A and D Oils — guaranteed in Vitamin A and D potency.



THE VITAMIN A POTENCY OF EGG YOLK CAN BE INCREASED 3 TO 4 TIMES BY THE AMOUNT IN THE RATION OF THE HEN

NOPCO BE SURE YOU GET A NOPCO OIL IN ALL FEEDS!

NATIONAL OIL PRODUCTS COMPANY • HARRISON, N. J.

★ BUY U. S. Defense Bonds ★



EXIT THE ONE-CROP ERA

General Pershing's doughboys were appropriately named, for in their day the battle cry was "Wheat Will Win the War." Then America was the granary—this time the larder—of democracy. The difference is felt on every farm and every ranch in the land.

This time Uncle Sam calls for meat and milk, the muscle building proteins . . . less of wheat and starchy carbohydrates. New raw materials are required for the farm feeding "factory" . . . feed crops and soil-building seed crops . . . legumes, grasses, beans, flax, sorghums and small grains. A new quiltpatch landscape is replacing the endless sea of waving gold on which wheat kings set sail aboard a ship that often never came in.

In 1918, essentially it was the one-crop system with its tragic aftermath of surpluses and soil erosion. Today it is the all-crop system. By broadening the rotation to a choice of 102 crops, the All-Crop Harvester is contributing in full measure to this great step forward in American agriculture.

KEEP 'EM ROLLING

Keep 'em flying! Keep 'em floating! Keep 'em rolling! Allis-Chalmers production lines are turning out all the farm equipment for which material is available . . . in addition to vital equipment for the army, navy and air corps. Your Allis-Chalmers dealer offers his services in your community to muster every possible farm machine . . . repairing, rebuilding, painting, arranging the exchange of machines. See him now while there's time!



ALLIS-CHALMERS MFG. CO., Dept. 19, Tractor Division, Milwaukee, Wisconsin.

Gentlemen: I want the whole story. Send free books checked. I farm _____ acres in _____ County.

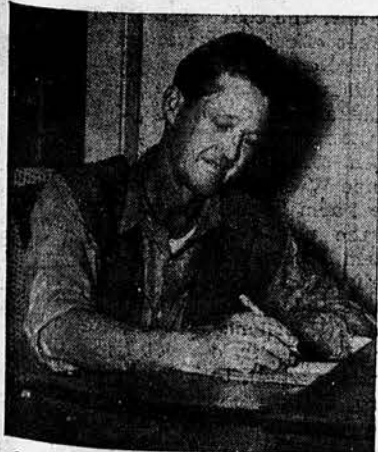
- | | |
|--|--|
| <input type="checkbox"/> Model 40 All-Crop Harvester | <input type="checkbox"/> Implements |
| <input type="checkbox"/> Model 60 All-Crop Harvester | <input type="checkbox"/> Crawler Tractor |
| <input type="checkbox"/> 1-Plow B Tractor | <input type="checkbox"/> A-C Brenneke Deep Tillage Tools |
| <input type="checkbox"/> 2-Row C Tractor | |

Name _____ R.F.D. _____

Town _____ State _____

ALL-CROP

Premier Seed Grower



Charles Topping, Douglas county, was chosen thru the Kansas Crop Improvement Association and honored by the Kansas City, Missouri, Chamber of Commerce as one of 2 Kansas Premier Seed Growers for 1942. Mr. Topping operates a 260-acre farm and specializes in pasture grass seed.



Ask your feed man if his poultry mashes contain Borden's Flay-dry D or Ration-Ayd which supply needed Vitamin concentrates from natural sources.

Borden's SPECIAL PRODUCTS DIVISION
350 MADISON AVE., NEW YORK, N.Y.
Concentrators of Milk Solids—Manufacturers of Vitamins for Poultry and Livestock

Capper Publications, Inc., Bonds

A prospectus issued by Capper Publications, Inc., offers the readers of Kansas Farmer the following:

—\$5,000,000.00—

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

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

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

Finding Ways to Keep 'em Rolling

(Continued from Page 3)

parts, and by making a few adjustments, the machine has recently been restored to prime condition. Mr. Wendelburg emphasizes there are only a few moving parts on a mowing machine and these may be replaced at relatively low cost. The same is true of many other farm machines.

If you can't get new parts or if you need one immediately in some emergency, you may find a used part that would do the job. Vocational agriculture classes and all county war boards have made surveys to determine what used parts are available in each county and community. They are cataloged according to make and age of the machine, kind of part, name of owner, and the price he is asking for it. If you need any such part, see the chairman of your county war board, the county agricultural agent, or the nearest vocational agriculture instructor.

To help you keep your farm machinery rolling, here are some general suggestions gathered from farmers, implement dealers and farm machinery experts:

1. Get out the service books for your tractors and implements. Study them carefully because they give the best information on how equipment is made, how it works and how it should be greased and cared for. If you have lost your instruction book, write to the manufacturer for a new one. Give the

model of your tractor or implement.

2. Before checking thru your machinery for needed repair or parts, make 3 columns on a sheet of paper. Under one column list the make of machine. Under the next column list the kind of part or repair needed, and under the third column give the number of the part. If the number cannot be found, list the numbers of several nearest parts. This helps implement dealers a lot.

3. Better be safe than sorry, so use care in removing old parts. Before hammering, apply penetrating oil or a mixture of half kerosene and half lubricating oil.

4. In checking over machines for worn or damaged parts, pay special attention to gears and bearings. This is especially important in checking binders, mowers and combines. Now is the time to replace badly worn gears, bearings or chains. On the binder, other parts that wear rapidly include the twine disk, twine knife and bill hook.

5. On drills take a look at gear assemblies and disk or opener bearings.

6. To keep your tractor in top condition, empty the air cleaner daily, and use new oil in it. Service the oil filter frequently.

7. Before each job of greasing wipe off the grease gun and fittings, to remove particles of dirt and dust.

8. Have plow shares and cultivator shovels sharpened now. It is a good idea to get ahead of the rush, because

A Garden Guide

Most important garden vegetables and small fruits may be produced successfully almost anywhere in Kansas. An 18-page booklet, A Garden Guide for Farm and Town, gotten out by the Extension Service, Kansas State College, contains valuable information on many subjects of gardening. Suggestions include size, location and plan of garden, and a vegetable calendar by months. Garden fertilizers, irrigation, insect and disease control are given consideration. A free copy of the booklet will be sent to anyone upon request to Bulletin Service, Kansas Farmer, Topeka.

In the shortage of new parts more old ones must be used and blacksmiths may be overloaded in the busy seasons. Another reason for having your work done now, the blacksmith may decide some are not worth sharpening. If you know this far enough in advance, it might still be possible to obtain new ones before they are needed.

9. It might pay to "lay in" an extra supply of sickle clips, sickle sections and ledger plates for your mower and binder. You might also have need for some extra reel sticks for the binder and combine, and possibly new canvases to replace any that are badly worn.

Hobby and Costume Revue

(Continued from Page 9)

and modeled by some of our farm women, I am sure you would agree that both coast fashion centers must have compromised and united forces right here in Kansas.

Christine Wiggins and Florence Phillips, extension service clothing specialists, should be credited with much of the success of the costume revue.

Mrs. Anne Newhouse, Leavenworth county, modeled a crease-resistant spun rayon bolero suit which she had made. The blouse, sewed to the skirt, made a practical one-piece dress with long-sleeved jacket. The blouse effect had a soft jabot.

Mrs. Albert Lembright, Ford county, made the wood-rose rabbits-hair-wool costume suit she wore. The dress had a 6-gore skirt, bracelet-length sleeves, and a short jacket of matching material had full-length sleeves. The dress and jacket yoke had Italian quilting. With it she wore a beige jersey turban hat and gloves and brown shoes and bag. Mrs. Lembright, incidentally, is the mother of 2 well-dressed 4-H Club members. Her daughter, Norma Jean, has been outstanding in 4-H clothing and style revue work for a number of years. Her son, Norval, was the state's best-groomed boy this year.

Mrs. J. C. McKinney, Lyon county,

modeled a cotton seersucker, a cool, practical shirtwaist dress for summer.

Mrs. E. C. Noel, Wyandotte county, wore one of the new work clothes outfits, designed for women, we have all been reading and hearing so much about. Mrs. Noel had made her coverette over a pattern designed by the Bureau of Home Economics in Washington. Made of dusty-rose denim, stitched in green, Mrs. Noel plans to wear it while working in her garden and with her chickens. Fasteners at the bottom of each trouser leg keep the trousers snug for garden wear, and yet allow plenty of action for the knees. Incidentally, this coverette may be made with short sleeves. Patterns for all the types of women's work clothes are now on the market.

Mrs. John Fox, Butler county, made an attractive dress of 3 feed sacks, a dime's worth of red buttons, and some scraps of rickrack. Each unit in Butler county had a meeting on the utilization of feed sacks. Besides the dress, Mrs. Fox exhibited more than 40 articles made from sacks.

Mrs. Ed Sarvis, Dickinson county, wore a black winter coat which she renovated from a coat much too large for her. The coat originally had a fur-jacket effect. She wanted to use the black Persian lamb fur, so she put a small fur collar on the coat and made a hat and a pocketbook to match out of the rest of the fur.

An annual feature of Farm and Home Week looked forward to by every Farm Bureau woman in the state is the public recognition given the Farm Bureau women's units that have maintained thruout the year the high club standards set by the State Standard of Excellence. Awards were made by Ella Meyer, district home demonstration agent, to a total of 242 clubs. Two units received their fifth-year awards, having met the standards for half a decade. These were the Twin Hill unit of Comanche county, and the James Jolly Janes unit of Montgomery county. Eleven units received fourth-year awards, third-year awards were given to 35 units, second-year awards were made to 73 clubs, while 121 units attained recognition for their initial year's work.

CLIP AD AND MAIL TODAY HENRY FIELD'S EARLY SPRING SEED & NURSERY SALE

Postpaid if ordered from this ad. Simply check offers wanted, send check, sign below and mail

100 Giant Rainbow Glads. All colors. Bloom this summer.....	\$1.19
14 Giant, 2-yr. Concord Grape Vines. Favorites of all.....	98c
50 Bellmar, 25 New Gem Strawberries, 5 Rhubarb, 100 Glad Bulbets.....	\$1.19
3 Apple Trees, Big Size. Selected Varieties to bear all season. (\$1.17 Value), only.....	99c
3 More apple trees, if you order 99c collection.....	1c
8 Giant Phlox. All Colors Mixed. Bloom 1st year all summer.....	\$1.19
7 Giant Cushion Mums. All different colors. Bloom 1st year.....	98c
12 Giant 10c Fkts. Flower Seed, Best Kinds. All different (½ price).....	49c
100 Giant 1½ foot Chinese Elm for Hedge or windbreak.....	\$1.19
4 Big 5-6 foot Chinese Elm for Shade. Grow 8 to 10 Ft. per year.....	98c
250 Strawberries (200 Dunlap, 50 New Gem, best everbearer).....	\$2.29
100 Baby Chicks Assorted Breeds (40% Heavies Guaranteed).....	\$3.95
\$2.34 worth of Garden Seeds. 24 Packages (Inc. many ¼ lb. Size).....	\$1.19

To Henry Field, 1607 Elm St., Shenandoah, Iowa. Please send me offers checked above.

Name..... St. or Rt.....

Postoffice..... State.....

"Keep 'Em Eating"

A Hungry World
Looks to
The Cornbelt

GARST & THOMAS
Hybrid Corn Company
Coon Rapids, Iowa

SPECIAL INTRODUCTORY OFFER!

25 lbs. NEW PRESSURE GUN GREASE

\$1.75 F.O.B. Wichita

This is our special introductory offer... so get yours NOW at present low price. DON'T WAIT! Send certified check, draft or money order at once.

Without a doubt this is the biggest bargain in High Quality gun grease ever offered by anyone, any place!

WINFREY DIST. CO.
3301 South Broadway
WICHITA, KANSAS

UP GOES FLAX CROP

Growers Say It Beats Wheat or Oats

EACH new crop season recently has found flax occupying a more prominent place in Kansas agriculture. Although grown most extensively in the south-east counties, it is adapted to the entire area east of the Flint Hills, and has given satisfactory results as a profitable year-in and year-out cash crop.

This year, Kansas flax production is expected to jump again, because of several important factors. Most important is the fact the Federal Government is asking American farmers to raise half again as much flax as was raised last year. Listed as a crop vital to the war effort, flax undoubtedly will command highly satisfactory market prices for some time.

Another important factor in flax production is the fact it is so well suited as a crop to plant on intended wheat acreage that could not be seeded last fall. The fields plowed last summer and fall, if harrowed down to a good, firm seedbed, will provide an ideal place for planting flax. Because of the generous fall and winter rainfall, such seedbeds will carry an abundant supply of moisture for producing bumper flax crops.

Located in the state's most extensive flax-growing area, G. D. Hankins, operator of the Archer-Daniels-Midland Company at Fredonia, has observed the many advantages of this crop. He points out that flax helps bring about diversification on Kansas farms, and offers one more good chance for a profitable cash crop to avoid the hazard of having "all your eggs in one basket."

At the same time, it permits a better distribution of farm labor, both at seeding time and in harvest. Flax is seeded after oats are planted and it usually is harvested after wheat and oats harvesting are completed. Many farmers have found they can farm more ground or farm the same number of acres more efficiently by devoting part of the acreage to flax. It surely is worth a trial.

No Harm to Soil

Mr. Hankins calls attention to the fact that flax is not "hard on the ground" as was once believed. On the contrary, a crop of flax leaves the soil in fine physical condition so that flax stubble can often be plowed in the fall when it is too dry to plow other ground.

Farmers who raise flax regularly report that corn following flax cultivates easier and yields better than corn following wheat or oats. Flax has few insect enemies. During each of the last 2 years, Kansas has produced slightly more than a million bushels of flax. Considering that the plant at Fredonia has a crushing capacity of 1½ million bushels, the crop could be increased one half, and still not overflow the market accommodations of this one plant.

However, Mr. Hankins recommends that farmers who haven't had experience with flax should sow a moderate acreage the first year. He suggests this be done with the idea of continuing it in a planned rotation for at least 5 years, as a practical movement for greater diversification. Another source of income will be welcome.

Observations of Mr. Hankins on Kansas flax production are borne out by great numbers of farmers who have experienced success in growing the crop. For instance, Emil Graff, of Wilson county, raised 315 acres of flax in 1941. His average yield was 12.7 bushels to the acre. The flax was sold at \$1.62 a bushel, giving an income of \$20.57 an acre.

In comparison, Mr. Graff's 1941 wheat crop included 330 acres which averaged 15 bushels and sold at 70 cents a bushel. The wheat, sold at this price, returned \$10.50 an acre. Mr. Graff has been raising flax regularly for 7 years. He usually seeds in March, with a drill, and harvests about the middle of July with a combine. He plans to sow 700 acres to flax this spring.

Last year Chet Bryson, of Osage county, raised 70 acres of flax. It yielded 13 bushels an acre, sold at \$1.55 a bushel and returned \$20.15 an acre. He raised 60 acres of wheat which returned \$16.56 an acre and 125 acres of corn which brought an average acre income of \$16.50.

Can Depend on Flax

John J. Cooper, also of Osage county, raised 120 acres last season and realized an income of \$22.12 an acre. He says as a rule, flax is as dependable and more profitable than wheat, corn or oats. Mr. Cooper seeds from 35 to 40 pounds of flax to the acre, on ground that has been plowed in August or September, or on corn ground that has been disked in the spring.

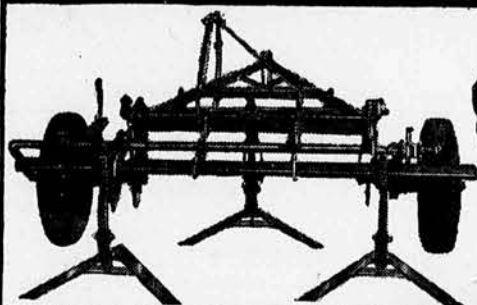
In Anderson county, J. D. Bible seeded 42 pounds of flax to the acre on March 20. The seed was broadcast on ground that had been double-disked. After sowing, the seed was covered with a drag harrow. This system covers the flax about 1 inch deep and gives satisfactory results for Mr. Bible. He feels flax is a more profitable cash crop than wheat or oats.

T. W. Shannon, of Woodson county, obtained an average yield of 15 bushels an acre on 165 acres last year. Selling at \$1.57, the average acre income was \$23.55. This was higher than the income from his 170 acres of wheat, which yielded 20 bushels an acre and sold at 95 cents a bushel. Using a drill, Mr. Shannon seeded 40 pounds of flax to the acre. In his 4 years of flax raising, he has used the Redwing and Bison varieties. These 2 and Linota are the 3 varieties commonly grown in Kansas.

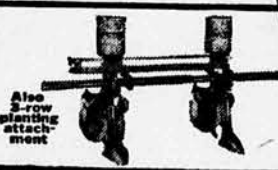


Flax is a crop of ever increasing importance for Kansas. In strong demand this year to meet war needs, it is an ideal crop to plant on fields that were prepared for wheat last fall.

Money Saving NEW COMBINATION TOOL DOES ALL THESE JOBS



- Prepares seed beds
- Plants row crops
- Cultivates . . kills weeds
- Subsoil tillage
- Lister and middle buster



DEMPSTER
Series 100 Combination
POWER LIFT CARRIER
and Attachments

A complete tool for most tractor farming operations

Offers tremendous savings in first cost of equipment . . . you buy one simple, ruggedly built carrier, and add the attachments as you need them. With this one tool you can do practically ALL tillage and row-crop operations throughout the growing season . . . handle large acreages

easily and economically. Can be used with most all makes and models of standard-tread and row-crop tractors. Here's the low-cost, time-and-money-saving tool for modern soil handling and moisture conserving methods. See it at your dealer's. Or, write for complete, illustrated booklet.

DEMPSTER MILL MFG. CO., 710 So. Sixth St., Beatrice, Neb.

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

PFEIFFER GOLD MEDAL "GLADS"
Prize winning Northern grown Gladioli, five each of 20 varieties, mixed and unlabeled, including famous lovely varieties like Piqueur, Wagon, Margaret Fulton, Giant Nymph, Pride of Warrick, Queen of Bremen, Marnie, etc. - 100 for \$1.00 postpaid. Order now - or Get New 1942 Pfeiffer Flower Catalog Free. Write today.
PFEIFFER NURSERY, Box F-45, WINONA, MINN.



JOHNSON Right Angle GEAR DRIVE

Made Only in California

Abundant water for thirsty crops is now at your finger tips. Today, the Johnson Right Angle Gear Drive is successfully operating deep-well turbine pumps in Texas, Oklahoma, Kansas, Nebraska, Colorado—in almost every state—providing water for irrigation at lower cost from shallow to deep levels as great as 300 or more feet.

The Johnson Right Angle Gear Drive operates as the connecting link between the turbine pump and the power unit. Installations embrace either Gasoline, Natural Gas, Diesel or Electric motive power; functions quietly, economically and dependably under varied and unusual conditions in all climates.

The Johnson Gear & Manufacturing Co. is the sole and original manufacturer of the Johnson Right Angle Gear Drive which has been developed in California, where over 30,000 deep-well turbine pumps are in daily use giving life to agriculture. This company, with its highly trained staff of precision engineers has, through many years of constant research and development perfected the Johnson Right Angle Gear Drive to its present high standard of operating efficiency.

The Johnson Right Angle Gear Drive is made in a wide range of sizes for every need—sold only through Pump and Engine Manufacturers—ask your local agency for authoritative facts.

"Mail coupon for interesting folder."



JOHNSON GEAR & MANUFACTURING CO., Ltd.
Berkeley, California

Please send Free Folder—"Water For Irrigation at Low Cost."

NAME.....

RFD & BOX No.....

CITY.....STATE.....

Copyright J. G. & M. Co., Ltd. 1941

OUR OPPORTUNITY IN PLASTICS

MANHATTAN
By W. B. HARRISON, President, Union National Bank
Wichita, Kansas

PLASTICS is not a new industry, but in its general use it is new. One of the first plastics products was a celluloid collar, which as a boy on a farm I wore with my Sunday clothes, and which had the big advantage of being cleaned with ordinary soap and water. Celluloid remained the leading, if not the only, plastics of commercial value for 30 or 40 years. Then by accidental discovery in a laboratory it was found that many other things could be made from cellulose, and about 1908 the field began to broaden.

When the war emergency came and factories were unable to continue manufacturing goods from raw materials such as copper, nickel, tungsten, magnesium, wood, chrome, iron, steel, and other supplies put on the priority list for defense, hundreds of laboratories throughout the United States began to search for substitutes in order to continue the operation of their plants. In a great majority of cases it was found that plastics was the only undeveloped

field to which they could turn for such supplies.

Briefly, plastics is a product made from materials molded in forms. The technique is very much like foundry molding. The material is poured into a form highly heated, is put under pressure, and after cooling is removed from the form. It may then be thermo-plastics, which means that it can be reheated into some other form, or thermo-setting plastics, which means that it will not yield to heat again and must continue to be used, if at all, in the same shape.

Avoiding technical terms, plastics products are the result of a combination of raw materials, known as the filler, with either formaldehyde or phenol and a catalytic agent that combines these elements. Formaldehyde has been obtained mainly from wood alcohol, but can be derived from natural gas in Kansas. A substantial investment would be required to derive formaldehyde from natural gas, but there

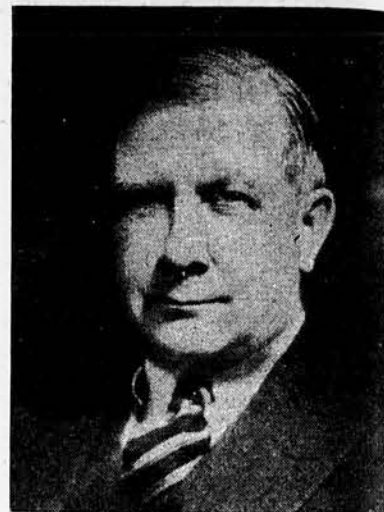
is every reason to believe that the investment would be a paying one if the capital can be interested. Phenol or carboic acid can be derived from coal tar and there is plenty of this in the Pittsburg area with the right qualifications.

Can Use Wheat

Now, taking one or the other of these, it is necessary to combine it with some raw material known as a filler or body to make the plastics product. Kansas has such raw materials in wheat grain, sunflower seed, wheat and oats straw, oats hulls, the sorghums, alfalfa, and some other farm products. The Ford laboratory has stated that wheat contains 20 elements usable in plastics production. Oats hulls have been found highly valuable, as have both wheat straw and oats straw. There is a possibility that cornstalks, sunflower stalks and sorghum stalks might also be used.

Governor Payne Ratner is very much interested in plastics development in this state and has requested the Industrial Development Commission to pay special attention to it, and also to see whether arrangements can be made to manufacture the 1943 auto tags out of Kansas farm materials made into plastics. The Commission has this problem under consideration.

Plastics have many advantages. The



W. B. Harrison

product is usually much cheaper, lighter, more attractive, and far more durable than that for which it has been substituted. It is usually non-corrosive and a good insulator. Large concerns like General Electric and Westinghouse are now developing plastics on a gigantic scale for their industry. Many such articles take the place of products formerly made of rubber. Insulation board is being made from plastics. One of the largest farm machinery companies in the United States has its laboratory working on new designs for farm machinery from plastics. Another laboratory is known to be working on oil well pipe.

Offer Definite Market

Kansas would also be the natural home for the manufacture of farm machinery and oil pipe out of plastics. The huge airplane companies now being developed in the state also offer a very definite market for plastics in at least 100 parts of the planes that can be made better from this substance than from aluminum or other materials used. One Wichita airplane company is now endeavoring to perfect a plane made entirely from laminated plastics in the fuselage and wings. It probably will succeed.

Another product in general use made from plastics is glass. Plastics glass is stronger and clearer than the old-type glass. The windshields of 1943 model automobiles are reported to be planned now from plastics glass entirely and to be in one molded piece instead of divided as in the 1942 and previous model cars. Some of these cars will have glass tops. Some glass sides, and all of them will use much more plastics than heretofore. Another advantage is that plastics lends itself to beautification, does not need to be painted. The pigments are put into the original mold and remain with no perceptible change thru the years. The many varieties of costume jewelry now on sale will illustrate the possibilities of beautifying such products. There seems to be no limit.

How We Can Start

The question naturally arises, if Kansas has the raw materials for this industry and a definite market for certain products which can be made therefrom, how can a plastics industry in the state be started on a sound basis and be made a definite part of the state's future? We must have men who are willing to experiment, investigate, and risk their capital on their judgment. In other words, individual enterprise must enter the picture. The Industrial Commission will lend all the encouragement it can.

Industry develops where men understanding that particular line are located and it grows on such understanding. If Kansas gains a better understanding of the plastics than other states, there is no reason why it could not develop a large plastics industry that will increase the population of our cities and add to the value of our farm products.

**DON'T DELAY ANOTHER DAY!
BUY YOUR HYBRID SEED CORN NOW!**



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



**ONLY 80¢
OR LESS
PER ACRE CAN
BRING YOU**

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

**TO MAKE
MORE MEAT,
POULTRY AND
DAIRY FOODS**

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

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

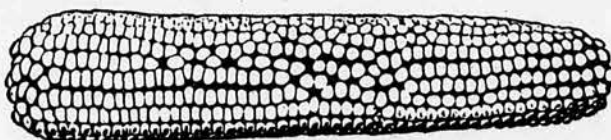
To encourage production of more corn for feed the Government plans to increase corn acreage this spring and to impose no corn marketing quota next fall.

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

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

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

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



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

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

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

PEPPARD SEED COMPANY

1105 West 8th St., Kansas City, Mo.

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

Name.....

P. O.....State.....

Name of Dealer from whom you prefer to buy seed.

FREE

Send now for this Free 32-Page Booklet, a gold-mine of valuable information on how to cash in on the great opportunity for poultrymen in 1942. Uncle Sam wants more chicks, more pullets, more eggs in 1942. This Free Book tells how to raise big healthy birds, with long laying life, at a saving on feed of as much as 1/3 to 1/4. 32 pages of real service to you, Free!

For Your Free Copy Send Name and Address to THE QUAKER OATS CO., DEPT. B-8, CHICAGO, ILL.

"RED AND WHITE" TOP SILOS

DODSTONE FARM BUILDINGS

Low cost, easily erected. Sanitary self-insulated walls. Resists fire, moisture and acids. No painting or upkeep. Easy terms. Dodstone barn and red and white top silos are the buildings for your farm. Write for Prices.

DODSON MANUFACTURING COMPANY, Inc.
1463 BARWISSE * WICHITA, KANSAS

Hang Up YOUR GRAIN SCOOP

The Blower-Elevator and Car Loader ENDS the age-old story of backaches and blisters. The **SMALLEY BLOWER** is guaranteed to elevate grain to a height of over 60 feet, or three tons of chopped green roughage up to 59 feet in ten minutes. Keeps up with two men unloading. Slow speed, big 12-inch pulley. Takes LESS power. Six-fan blower, 6-inch auger, positive off-center feed. Simplicity itself—no chains or gears. Ball bearings. Molasses attachment available for grass silage.

SMALLEY, 525 YORK STREET, MANITOWOC, WIS.

FREE

BE SCOTCH ABOUT BLOWING

SMALLEY GRAIN BLOWER

Lock-Joint Concrete Stave SILO

Economical and permanent. Nothing down. Easy Terms at time of erection. GEHL Ensilage Cutters and Repairs.

INTERLOCKING STAVE SILO CO.
720 N. Santa Fe, Wichita, Kansas

Other Factories: Topeka, Kansas; Booneville, Missouri; Enid, Okla.; Tulsa, Okla.

Produce More Pork for National Defense

20% FASTER GAINS • 25% Less Feed

SAVE WORK! All-metal, long-life HASTINGS FEEDER saves 1 lb. of feed every 41 lbs. of feed. Handles all feeds, mineral, and silage. Wide bottom, never clogs or spills. Feeds from 1/2 to 1 1/2 tons. New feed controls, cover, and silage, now as \$12.50. FREE BOOK! Write for copy today!

HASTINGS EQUITY GRAIN BIN CO., Dept. K-12 Hastings, Neb.

STAR ZEPHYR

Pumps 30% More Water

Airplane engineering embodied in exclusive streamlined design, protected by patent. Steps up pumping capacity nearly one-third. Thousands of installations prove this great efficiency. Sizes for all needs. Get facts.

FLINT & WALLING Mfg. Co. Inc.
244 Oak Street
Kendallville, Ind.

F&W

Frank Colladay Hardware Company
Hutchinson, Kansas

Tuner Himself Out of Tune

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

A MAN who came to the A. H. Campbell farm, R. 1, Basil, Allegedly for the purpose of tuning a piano, evidently was out of tune himself, with society at least, for on finding no one at home, he stole 2 of Campbell's turkeys. A neighbor, Waite Whitelow, had seen a car stop at the Campbell home. He also saw 2 occupants of the car take the turkeys. Another neighbor said that a car stopped at her home and the driver wanted to tune her piano. She told him she did not have a piano but that the Campbells did. According to this neighbor, the car was occupied by 3 men and displayed a piano-tuning sign on the side. The sign proved to be a valuable clue for Deputy Sheriff Art Smith, who was called to investigate the case. He had seen that particular car earlier and, therefore, had no great difficulty in running it down. When the occupants of the car were found and learned about the evidence against them, they confessed to stealing the turkeys. One of the birds, however, had been cooked and eaten and the other given to friends of the defendants. The 3 charged with the crime were given jail sentences. A \$25 reward, paid by Kansas Farmer, was divided between Service Member Campbell and Waite Whitelow, who had provided valuable information.



len farm. Since that farm is posted with a Protective Service sign, a Kansas Farmer reward of \$25 was distributed among Mrs. McMillen, Ben Caudra, Oscar Jacobs and Deputy Sheriff Walt McDaniel after the thief had begun serving a 60-day jail sentence.

Hot Calf Sold Quickly

Rapid transfer of stolen property does not cover up the crime, as 2 young men who stole a calf from the posted farm of Frank Ferguson, R. 1, Havana, learned to their sorrow. Immediately after Ferguson discovered the calf was missing, he called Sheriff John Smith, Sedan. They checked up on the premises some, then decided to wait until morning to investigate further. The next day they went to Independence, found the calf at a sales pavilion, checked the records and found it had been sold twice in the last 24 hours. The first sale was made by 2 men who proved to be the thieves. The stealers were convicted and given reformatory sentences. At the recommendation of Ferguson, a \$25 reward, paid by Kansas Farmer, was distributed among him and Sheriff John Smith, of Sedan, and Sheriff Bill Gillispie, of Independence.

Picked Up Junk Anywhere

Theft of a quantity of junk iron from the posted farm of Mrs. Effie McMillen, R. 2, Wellsville, was giving investigators some trouble until Ben Caudra, living nearby, saw 2 men in his junk pile and called the sheriff. It turned out the 2 prowlers were the ones who had stolen from the McMil-

A Farm in England

(Continued from Page 5)

few sensation-seeking pretty girls who put on a suit of embroidered coveralls or shorts and get their pictures taken on a tractor. They are not that at all. The land army girls of England are thousands and thousands of strong young women who have enlisted in this service just as thousands of others enlisted in the auxiliary forces of the English army, navy and air force.

The government gives these girls 4 weeks training, either on a government farm or a private farm, where they learn as much as they can and get \$2 a week spending money. Then this regularly enlisted land army girl becomes the private employee of a farmer anywhere in England where she may be needed. She works 48 hours a week and gets \$7.40 pay.

These "hired men" of England who do the plain, hard work, the every-day work in the fields, are the girls who correspond to our college girls here in the United States, as well as our factory and shop girls. Here, again, as everywhere else in England, I was impressed by the leveling of the classes.

For instance, the first of these girls I talked to, whom I saw digging postholes on a Sussex farm where I was visiting, happened to be the daughter of a banker. She was about 20 years old and her speech and manner showed she would have been just as much at home in a sorority house at the University as digging postholes or riding a wheat drill.

"Why did you sign up for this kind of plain, hard work, for the duration?" I asked her. "I believe that is a reasonable question."

"Sure, that's a reasonable question," she said. "So I'll ask you one. Why not?"

"This is what I can do. I like it as well as working in a munition factory. And it's just as important a service."

Yes, it might mean that she'd spend

the next few years, those years that mean so much right then, as a hired man on a farm, from farm to farm. But she didn't feel herself a martyr or abused in the least, as no one seems to feel in England.

If the farm-labor shortage becomes so acute in the U. S. that we close our colleges and universities and change all our co-eds into plain, serious, hard-working, overalled hired men, then we will simply be equaling the effort our ally is making, and has been making for 2 years.

"No, they're not as good as skilled farm labor," one farmer told me. "Of course, they're not. They couldn't be. But I'd sure rather do my part by getting along with them, than to ask for draft deferment for young men. If they're willing to do that, and the boys to go to war—well, I'm sure willing to do my part by putting up with them."

These girls are supervised by hard-working committeewomen, farm women, in the county.

These supervisors get no pay for that work. I talked to one such woman supervisor, who lives on a farm herself, but spent 5 days a week, from 8 in the morning until 7 in the evening, doing this supervising work. She worked without pay, and furnished her own car besides, getting only the gasoline. In addition, she had one evacuee school boy from London quartered in her home, and she spent her 2 nights a week fire watching on a roof besides.

When I suggested that she was certainly doing her share she said it was nothing at all. Her 18-year-old son is in the Royal Air Force. "He's the one who's doing the real job in the family," she reminded me. Yes, the English farmers are doing their bit.

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

This Home-Mixed Cough Relief Is Hard To Beat

So Easy. No Cooking. Saves Dollars.

No matter what you've been using for coughs due to colds, you'll be the first to admit that this surprising relief, mixed in your own kitchen, can't be surpassed, for real results.

Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking is needed—a child could do it.

Then put 2 1/2 ounces of Pinex (obtained from any druggist) into a pint bottle, and add your syrup. This gives you a full pint of really amazing cough relief—about four times as much for your money. Tastes fine—children love it—and it never spoils.

You can feel this home mixture taking right hold of a cough. It loosens the phlegm, soothes the irritated membranes, and helps clear the air passages. Eases soreness and difficult breathing, and lets you sleep. Once tried, you'll swear by it.

Pinex is a special compound of proven ingredients, in concentrated form, a most reliable soothing agent for throat and bronchial membranes. Just try it, and if not satisfied, your money will be refunded.

TONGUE-LOCK DIAMOND TOP CONCRETE STAVE SILOS

Made by a new manufacturing process which makes our silo superior. You also have our 30 years of experience to assure you of a better silo.

Contract this month for a McPherson Silo for later delivery. This will give you a large discount and protect you from increase of material prices. Write to

McPherson Concrete Products Co.
323 North Ash Street
McPHERSON, KANSAS

New DUPLEX Rotary Scraper

Easiest operating Scraper made. Loads and dumps forward and backward. Many other exclusive features! **FREE!** Five days trial. Write for details and literature. Low as \$50

DUPLEX CONSTRUCTION CO., Dept. 9
East Omaha, Nebraska

SALINA CONCRETE STAVE SILOS

BIG DISCOUNT ON EARLY ORDERS

Let us tell you about the Silo that is built to last a lifetime. The very latest in design and construction. See the new large free-swinging doors and many other exclusive features. The Salina Silo has been giving farmers perfect service for 30 years. Get the Facts—Write TODAY.

The Salina Concrete Products Co.
Box K Salina, Kansas

FREE BOOK --- On Health

Do you suffer pain, torture and broken health of neglected Piles, Fistula or related rectal and colon ailments? Write today for 122-page **FREE BOOK**. Learn facts. The McCleary Clinic, 441 Elms Blvd., Excelsior Springs, Missouri.

NATIONAL Vitrified SILOS

Everlasting TILE SILOS

Cheap to install. Trouble Free. Also Tile Stave Silos. Outside Reinforcing.

NO Blowing In, Blowing Down, Freezing

Buy Now Erect Early Immediate Shipment

Rowell Roller Bearing Ensilage Cutters Write for prices. Special discounts now. Good territory open for live agents.

NATIONAL TILE SILO COMPANY
R. A. Long Bldg. Kansas City, Mo.

Buy U. S. Defense Bonds for VICTORY!

Serves TEN DAILY NEEDS

● Mentholatum brings delightfully soothing relief from:

1. Discomforts of colds.
2. Chapped Skin.
3. Stuffy Nostrils.
4. Neuralgic Headache.
5. Nasal Irritation due to colds.
6. Cracked Lips.
7. Cuts and Scratches.
8. Minor Burns.
9. Dry Nostrils.
10. Sore Muscles, due to exposure. Jars or tubes, 30c.

MENTHOLATUM

WORD RATE

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

Classified Advertisements

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

DISPLAY RATE

60c an agate line on the basis of 4 or more issues, 70c a line for less than 4 issues, 1/2 inch or 7 lines minimum copy. Send in your ad and let us quote you on it. That is part of our service.

CHICKS on 30 DAYS TRIAL!

Risk and Uncertainty ELIMINATED!

SEXED PULLETS

We furnish chicks of either sex, separated by our accurate, gentle method. Write for prices and information.

You take no chances at all. You have 30 days to make sure our chicks are purebred, exactly as represented. All leading varieties. All flocks Missouri Approved & BLOOD TESTED for B. W. D. Our large plant means LOWER PRICES, EASY BUYING PLAN—we ship C. O. D. If desired, 100% live delivery guaranteed. Prompt service.

FREE — Our Valuable Catalog

It's an instructive book giving valuable poultry facts—sent absolutely FREE and without obligation to you. Write now for this FREE Book and low chick prices. BIG DISCOUNT EARLY ORDERS. MISSOURI STATE HATCHERY, Box K, Butler, Mo.

FREE CATALOG

AAA Bred-for-Profit CHICKS

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

AAA Non-sexed, per 100:

Big-type Wh. Leg., S. C. Brown, Buff Leg., Wh. Buff Min., Wh. Buff, Bd. Rocks, Wh. Wyand., S. C. Rocks, Buff Orps., New Hamp., Wh. Black Giants, Austra-Whites, Leg-Rocks.

Heavy breed ecls., \$8.45; Heavy ass't'd. ecls., \$6.95; Leg. ecls., \$3.95; Hybrid ecls., \$4.95; Surplus Left-overs, \$5.95

Send names 6 chick buyers, we'll include 6 extra chicks each 100 ordered; will ship C.O.D., F.O.B. if desired, or prepaid if cash in full with order. Catalog, broader stove offer.

MIDWEST CHICKS, Box 222K, Kansas City, Mo.



POTTER'S First Hatchery

Established 1900

RECORD OF PERFORMANCE
An early American commercial hatchery was Potter-operated in 1900. Always going, always growing, Potter's maintain finest service, unchallenged integrity, undisputed top quality chicks. Be fair to yourself, get Potter's price list and chick raising manual before you buy. You can't go wrong.

POTTER IDEAL HATCHERIES, Box 163, CHANUTE, KAN.

Three Star Tru-Value Long Distance Layers

Progeny tested for livability. Kansas Pullorum tested. A. P. A. inspected, supersize, pedigree sired stock of Hanson, St. John, Holzapple, Parks, and other highest breeding strains.

Prices Start at \$3.95 Postpaid

30-Day Replacement Guarantee

MATHIS Kansas' Largest Chick Producer

For over 21 years we have been breeding our layers for Livability and High Production of Large Eggs. 16 Years ago our hens won the Oklahoma Egg Contest, and they have been making high-laying records ever since—including such great laying contests as Chicago World's Fair, 1933-34. Hundreds of Pedigreed 200-355 egg males in our 1942 matings.

FREE CATALOG tells about Sex and Livability Guarantees. Bloodtesting Methods. Gives reports from many satisfied customers. 12 popular breeds and Ass't'd at \$5.90 per 100 up.

MATHIS POULTRY FARMS, Box 460, Parsons, Kan.

SEXED PULLETS \$8.00 per 100 UP
MALES \$2.95 per 100 UP

BERRY'S "Embryo-Fed" CHICKS
are fed 21 days in shell—big, husky, healthy chicks from high egg production sires ready to make you more profits. Eng. Type S. C. Wh. Leghorns, \$6.90. 13 leading money-making breeds. Write for prices.

BERRY'S HATCHERY Box KF Sedalia, Mo.

Chicks as low as \$3.50 per 100

BROOKFIELD CHICKS

SEXED CHICKS — As low as \$3.60 per 100. 28 varieties to select from. We can save you money. Write for our new 1942 prices today.

Brookfield Chickeries, 124K, Brookfield, Mo.



BIG PROFITS with Austra-Whites

SUNFLOWER STRAIN IS PROPERLY MATED WITH HIGH PRODUCTION STOCK. LARGEST AND OLDEST PRODUCERS OF AUSTRAL-WHITES. WRITE FOR THIS ILLUSTRATED CATALOG AND PRICES. **Free** SUNFLOWER POULTRY FARM, Box 52 NEWTON, KAN.

FREE CHICK FEEDER

A sanitary, serviceable feeder to each chick raiser writing for CALHOUN'S BARGAIN CHICK CATALOG. Leading breeds, sexed or not sexed. 2 weeks-old started chicks, also, BLOODTESTED, Mo. Approved. Also pedigree-sired matings. Easy Purchase Plan. Prompt Service. Write today for FREE CATALOG, low prices. Calhoun's Poultry Farm, Box 130, Montrose, Mo.

Wonderful POULTRY BOOK
FREE LOW PRICES 48 varieties SEX-LINKED and PUREBRED; BABY CHICKS; Pullets or Cockerels; also STARTED CHICKS; BABY TURKEYS; Mature Fowls and Hatching Eggs. ALL FLOCKS BLOODTESTED FOR B.W.D. Write quick for this free book. **GREAT WESTERN HATCHERY, Box 34, Salina, Kans.**

Sunshine Chicks

BLOODTESTED — CULLED — R. O. P. SIRE
Immediate shipment or money refunded.
LOW PRICES
SUNSHINE HATCHERY, Osawatomie, Kan.

COVAULT'S CHICKS

From AAA Bloodtested accredited flocks. \$3.90 up. Reds, Rocks, Wyands., Orps., Black Austros, Austra Whs., and Large Eng. White Legs. Live arrival guaranteed. Postpaid. Write for prices. **Covault Hatchery, 1950 W. Parker, Wichita, Kan.**

SEX-ed \$3.95

BUSH'S chix husky, livable, money-makers—95% sexed pullets, 100% live delivery. 28 breeds. Bloodtested flocks. 100,000 customers. 48 states. Surplus cockerels \$3.95 up. Day-old pullets \$10.40 up. Started Wh. Leghorn Pullets \$18.95 up. Free 1942 calendar catalog. Save 1c chick now. Pretest shipping date. Write today.

BUSH HATCHERY, 1222A, CLINTON, MO.

200 to 354 Egg Trapnest R.O.P. Pedigreed Bloodlines. Approved, Bloodtested Ideal Matings.
White Leghorns, White Rocks, Barred Rocks, White Wyandottes, Buff Orpingtons, S. C. Reds.
790 Per 100 Postpaid
95% Pullets \$8.90 up. Males \$3.00 up. Big Early Discounts. Write today for Catalogue and Prices.
BURNHAM HATCHERY, CLINTON, MO.

MONIEMAKER AUSTRAL WHITE HYBRIDS
Get your money's worth from your hard-earned dollar
\$9.90

12 varieties, Sunflower Vitalized Chicks. Sexed, Bloodtested, \$3.90 up. Thousands of satisfied customers. Circular free. Prompt shipment.
SUNFLOWER HATCHERY, BRONSON, KAN.

BUY SHAW'S BIG HUSKY CHICKS

Pure egg production. Blood-tested stock. Write or Big early discounts, free circular.

Shaw Hatcheries, Box F, Ottawa, Kan.

HEIM'S HUSKY CHICKS

U. S. Approved, Pullorum Tested. White & Brown Leghorn, Barred & White Rocks, Reds, Wyandottes, Buff Orpingtons. Shipped postpaid, and Guaranteed. Bargain prices on non-sexed left over chicks. **HEIM'S HATCHERY, Lamar, Mo.**

KANSAS FARMER WORD RATE

Words	One Issue	Four Issues	Words	One Issue	Four Issues
10.....	\$1.00	\$3.20	18.....	\$1.80	\$5.76
11.....	1.10	3.52	19.....	1.90	6.08
12.....	1.20	3.84	20.....	2.00	6.40
13.....	1.30	4.16	21.....	2.10	6.72
14.....	1.40	4.48	22.....	2.20	7.04
15.....	1.50	4.80	23.....	2.30	7.36
16.....	1.60	5.12	24.....	2.40	7.68
17.....	1.70	5.44	25.....	2.50	8.00

DISPLAY RATE

Inches	Issue	Issues	Inches	Issue	Issues
Column	One	Four	Column	One	Four
1/2.....	\$4.90	\$16.80	2.....	\$19.60	\$67.20
1.....	9.80	33.60	3.....	29.40	100.80

Livestock Ads take different rates.
See our rate card on special requirements and limitations on Classified and Display Classified ads.

BABY CHICKS

"Blue-Blood" super-charged, power-link hybrid chicks from crosses of top-notch, U. S. Certified, Pullorum-controlled purebreds. Austra-Whites; Minorca-Leghorns; Wyn-Rox; Leg-Rox; Leg-Reds. Also best purebreds. Phenomenal health, growth and egg production. Livability guaranteed 95% for three weeks. Discounts for early orders. Write for customer proof and low prices on quality chicks. **Ross Poultry Farm, Box 35, Junction City, Kansas.**

Coomb's U. S. ROP Leghorns. This year of all years, share in benefits of our trapnest-pedigree breeding program. Proved breeding for large white eggs, high egg production, high livability, big body size. 250-322 egg ROP Sired Chicks. Sexed Chicks. Bargain prices, cockerel chicks for breeding purposes. Free catalog. Send for new bulletin describing successful method of brooding chicks. Write: **Coombs and Son, Box 6, Sedgwick, Kansas.**

Little as \$5.90 per 100 gets you chicks from Lindstrom, breeder Egg Laying Contest Champions. Winner Poultry Tribune Livability Award. Leading breeds, sexed, if desired. Day-old, or started. 28 years breeding program, including trapnesting, pedigreeing, bloodtesting. Catalog Free. Lindstrom Hatchery & Poultry Farm, 341 Lindstrom Rd., Clinton, Mo.

Schlichtman's Square Deal Chicks, U. S. Approved, Pullorum Tested. Per 100 Prepaid. Leghorns, Anconas \$7.25; Rocks, Reds, Orpingtons, Wyandottes, Minorcas \$7.90; Giants, Brahmas \$8.95; Assorted \$9.95. Pedigree sired and sexed chicks. Free Catalog explaining 2-week replacement guarantee. **Schlichtman Hatchery, Appleton City, Mo.**

AAA Missouri State Approved Chicks. Inspected flocks. Pullorum Tested. Backed by 28 years' poultry experience. Prompt prepaid shipments. 100% live arrival. Leghorns \$7.95, pullets \$13.95, cockerels \$3.00; Rocks, Reds, Wyandottes \$8.00, pullets \$10.00, cockerels \$7.50. Free literature. **Martin Chick Hatchery, Box 215, Kansas City, Mo.**

Superior Ozark Chicks — 5% discount before February 1; culled, bloodtested; prompt shipment; 100% live arrival. Rocks, Reds, Wyandottes, \$7.85; Leghorns, \$7.75; heavy pullets, \$10; heavy cockerels, \$7.50; Leghorn pullets, \$13.75; Leghorn cockerels, \$3.15. **Monett Hatchery, Box 374, Monett, Mo.**

Limited time—immediate shipments, 100% delivery C. O. D. AAA quality. White Leghorns \$6.85, pullets \$10.90, started White Leghorn pullets \$16.95. Rocks, Reds, Orpingtons, Wyandottes \$6.85, pullets \$8.20. Heavy assorted \$4.85. Surplus cockerels, \$2.85. **Thompson Hatchery, Springfield, Missouri.**

Super-Quality "AAA" Chicks: Missouri State Approved. Bloodtested. 100% live, prompt delivery. Leghorns \$8.40; Rocks, Wyandottes, Reds \$8.40. Heavy Assorted \$6.90. Assorted \$5.40. Postpaid. Early order discounts. Sexed chicks. Free catalog. **ABC Hatchery, Garden City, Missouri.**

Booth's Famous Chicks: Grow faster. Lay more eggs. Pay extra profits. Highest average production for any breeder of Leghorns, Rocks and Reds in official egg-laying contests. Better livability. Bargain prices. Sexed. Free catalog. **Booth Farms, Box 508, Clinton, Mo.**

Tudor's Superior Chicks 100% Kansas Approved. Pullorum tested. Specializing in Austra Whites, White Rocks, Wyandottes, Leghorns. All bred for highest egg production. Reasonable prices. 35th year. Circular. **Tudor's Pioneer Hatcheries, Box F, Topeka, Kans.**

Stearns well-built Vitalized chicks pay you better. Planned breeding and super selection insure satisfactory 9 varieties and hybrids. Write today for free chick raising literature and early order discounts. **Stearns Hatchery, Wellington, Kansas.**

Hanson Large White Leghorns, Missouri approved: postpaid, 95% Pullets, \$12.95; Cockerels, \$2.95; as hatched, \$7.90 per 100. Guaranteed 100% live delivery. Order now. Avoid disappointment. **Calhoun Hatchery, Calhoun, Mo.**

Quality Baby Chicks, bloodtested and culled for heavy egg production. All popular breeds including New Hampshires, Brown Leghorns and Blue Andalusians. **Eck Hatchery, Moundridge, Kan.**

Buy U. S. Approved and U. S. Pullorum tested chicks from high egg producing parent stock. They cost you no more than ordinary chicks. Write for prices. **Salina Hatchery, Salina, Kansas.**

Chicks on a 30 Days' Trial Guarantee. All Varieties. Missouri Approved. Blood Tested. Easy Buying Plan. Low Prices. Chick Manual Free. **Missouri State Hatchery, Box 271, Butler, Mo.**

U. S. Approved, Pullorum Tested. Leghorns, Rocks, Reds, Orpingtons, Wyandottes, Minorcas \$6.45 per 100. Collect. Catalog Free. **White Chickery, Schell City, Missouri.**

Purina Embryo-Fed Baby Chicks. All popular breeds. Standard-bred. From \$9.50. Heavy assorted \$5.90. 24 years in business. **Wathena Hatchery, Wathena, Kansas.**

Chicks & Turkey Poults. Purine Embryo-Fed and bloodtested. All popular breeds. Write for prices and descriptions. **Steinhoff & Son Hatchery, Osage City, Kan.**

Beginners Special. 500 surplus chicks, no sex guarantee, and 1000 size oil brooder, only \$27.50, plus postage. Allied Chicks, Cedar Rapids, Iowa.

Chicks: Heavy Breed, Leghorns and Minorcas, Austra Whites, Legrocks and Legreds. Blood-tested. Discount for early orders. **Ivyvine Hatchery, Eskridge, Kans.**

Buy Hawk's Profit-Bred Chicks this season. Low prices. Assorted all breeds \$5.70 per hundred, for orders booked now. **Hawk Hatchery, Atchison, Kansas.**

Chicks: Bloodtested; Rocks, Reds, Wyandottes, Orpingtons, Minorcas \$7.40. Leghorns \$7.00. Postpaid. Catalog free. **Fortner's Hatchery, Butler, Mo.**

USE — NOW AVI-MED

A Veterinarian's Prescription for **Healthy CHICKS** And Adult POULTRY
COCCIDIOSIS, DIARRHEA and BLACKHEAD losses reduced to a minimum

Thousands of poultry raisers praise Avi-Med for its speed and effectiveness as an aid in preventing and reducing losses. Don't wait until disease strikes—use Avi-Med as a preventive measure—NOW! Avi-Med will do it. A trial will convince you. Order today. Trial Bottle \$1.00; Pt. \$1.25; Gal. \$2.00; Gal. \$7.00.

Raymond Metzger, Ozarkville, Kansas
Just a line to let you know how we got along, after purchasing 1 gallon of Avi-Med. Worm Pills and Spray. The day we came to Topeka after the Avi-Med, we got 4 eggs—2 weeks later we gathered 21 eggs—in that time we had wormed our flock with your warm pellets, a month after worming we gathered 66 eggs.
Before we started using Avi-Med we lost 4 and 5 pullets a day. During the time we used 1 gallon of Avi-Med we never lost a hen or pullet. We think Dr. Nolan's chick medicine can't be beat.

FREE Poultry Manual

Send for your free copy of Dr. Nolan's Poultry Manual, "chick full" of information—instructive, practical.

LOCAL REPRESENTATIVES WANTED
Write for details of our New Selling plan—no obligations.

Dr. D. W. NOLAN LABORATORIES, Inc.
Serving the Poultry Industry 41 Years
Fifth & Madison Topeka, Kansas

Howdy Everybody

Grandmother says this is the year to raise poultry for profit. And it's the early birds that make the most profit. So I'm asking you to send me your address and I'll mail you our circular which tells all about our Dependable Baby Chicks. Hatches off each Monday and Thursday till July 20th.

"Little John Ruff"
Box 150 A, Ottawa, Kan.

Notice to Farmers

We hatch better baby chix. Pure breeds and hybrids from Bloodtested flocks. Sexed if desired. Hatches each Tuesday and Friday.

Book Your Order Now!

Kensington Hatchery, Kensington, Kan.

LOWE'S PRODUCTION BRED CHICKS

250-300 egg bloodlines, R. O. P. Sired Rocks, Leghorns, Wyandottes, Reds, Ass't All Breeds, and 10 other breeds all bred for higher production and PROFITS. Write today for FREE literature and 1942 prices.

LOWE'S Hatchery 216-F E. 6th TOPEKA, KANSAS

HOW TO MAKE UP TO \$1.50 OR MORE EXTRA PER HEN IN EGGS

FREE book explains remarkable new system that produces strains which lay 12 to 14 months before molting. 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.

STERLING Quality Chicks

Extensive New Egg Breeding. Pigeons, 25 years selective breeding. Send for our new Sterling Quality Chicks Big Money Birds. All leading breeds. Sexed, Hybrid, Pullets or will ship C.O.D. 100% live delivery, 30-day guarantee. Free literature. Write today.
Clardy's Hatchery, Ethel, Mo.

FREEMAN'S AAA CHICKS

APPROVED BLOOD-TESTED FLOCKS
Mixed Heavies, \$6.95; Asst. all breeds, \$5.95; Eng. Wh. Rose and S. C. Br. Leghorns, \$5.95; Rocks, Reds, Orp., Wh. Wyand., \$5.95; R. I. Whites, Bl., Bl., & Wh. Minorcas, \$5.95; Wh. Giants, R. O. P. Sired White Leghorns, \$5.95; S. L. Wyand., \$8.90. Prepaid 100% live arrival.
FREEMAN HATCHERY, Box C, Ft. Scott, Kans.

YOUR CHOICE... \$7.90

of Big Healthy White Rocks or White Wyandottes, Bloodtested 100% live arrival guarantee. Special: 2-week-old chicks, \$10.90 collect. Order from ad.

SANITARY CHICKERIES, DEEPWATER, MO.

BABY CHICKS

WHITE LEGHORNS
UNSEXED, \$7.25. PULLETS, \$11.90.
BARRON'S BEST BLOODLINES (up to 305 egg breeding). 22nd year continuous flock improvement by a real breeding farm. Thousands of satisfied customers in 36 states say "best money making strain." We can please you, too. Sexed or non-sexed reasonable prices, bank references. Write for "The Proof" free. Bartlett Poultry Farm & Hatchery, R. 5, Box 24, Wichita, Kan.

FREE CATALOG — Per 100
S. Approved. U. S. Pullorum Tested.
R. O. P. FOUNDATION BREEDING
Order Now—Prices Advance Soon.
CHLICHMAN HATCHERY, Appleton City, Mo.

WHITE LEGHORNS

World's Largest Leghorn Breeder Hatchery

Baby Pullets	4 weeks old Pullets	Cockerels
\$12.00 per 100	\$20.00 per 100	\$1.95 per 100

RICE LEGHORN FARM,

Box 19-N, Sedalia, Missouri

Johnson's Triple Test chicks. Production bred. Rigidly culled and Kansas Approved pullorum tested. Purebreds, hybrids, sexed chicks. Write for free circular. Johnson's Hatchery, 218 West 1st, Topeka, Kan.

Superior Chicks. White Giants, Black Giants, Buff Minorcas, other leading breeds. Literature. The Thomas Farms, Pleasanton, Kansas.

Discounts for early orders on Famous Quality Chicks. 200-343 egg bloodlines. Literature. Quality Chick Hatchery, Clinton, Missouri.

See brooders. 500 chicks and 1000 size oil brooder \$47.50. Smaller brooder, 300 chicks, \$7.50. Elite Chicks, Cedar Rapids, Iowa.

AA Quality Kansas Approved Pullorum-Tested chicks. Leading breeds: \$5.90 and up. Place orders now. Moline Hatchery, Moline, Kansas.

Rebred, Hybrid, Sexed Chicks. Leghorns, Minorcas, Heavies. Also Brahmas, Austra-Whites, Earth's Ideal Hatchery, Eskridge, Kan.

STARTED CHICKS

DeForest Started Chicks

Austra-Whites, New Hamp., Buff Orp., W. Rox, R. Rex, W. Wyand., S. C. Wh. Leg. & Red-Rox. 4 to 6 weeks old. Also day-old chicks. Immediate shipment. Baby Chicks hatching weekly all breeds. Write—
DEFOREST HATCHERIES, PEABODY, KAN.

Berry's Started Chicks

Started chicks—out of danger, healthy and strong. Large Modern brooding plant saves you very work and money. We take the loss. Low prices. Special Bargains. Catalog free. Berry Brothers, Box 719, Atchison, Kansas.

Save \$8 and Labor—You will find Sunflower Farm Started Chicks are More Economical. Shipped in our Modern Sanitary Brooder Plant. Special Price \$1.90 per 100 Chicks. Sunflower Poultry Farm, Box 8810, Newton, Kansas.

HYBRIDS

—Facts About Hybrids—World's Largest and Oldest Farms crossing Pure Breeds, obtaining Faster Growth, Better Health, More Eggs. Write for Catalogue. Sunflower Poultry Farm, Box 885, Newton, Kansas.

AUSTRALORPS

Deble's Candidate Black Australorp pullets average 70% production in January. Eggs \$1.50. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

Forest Production Bred Black Australorps. John DeForest, Peabody, Kansas.

AUSTRA-WHITES

Berry's Austra-Whites

Customers report raising 98% Austra-White chicks. 2 lb. broilers at seven weeks, laying pullets at 4 1/2 months, healthiest, disease resistant, make big profits. Investigate these sensational money makers today. 25,000 hatching daily. Write today. Free catalog. Berry Brothers, Box 71, Atchison, Kansas.

Water Profits are made with Ernest Berry's Sunflower Strain Austra-Whites. 48,390 breeders scientifically mated with 200 and better brooders. 98% of chicks purchased are successfully raised, say 11,500 satisfied customers. Write for illustrated catalogue and low prices. Sunflower Poultry Farm, Box 881, Newton, Kan.

See Austra-Whites. Giant type Australorps mated to Big English Leghorns. Produces marvelous meat and egg food, quick maturing, laying. Sexed and non-sexed, reasonable prices. Interesting literature. Bartlett Farms, Box 25, Wichita, Kansas.

See Profits are Made with Ernest Berry's Sunflower Strain Austra-Whites. 45,000 breeders scientifically mated with 200 and better egg brooders. Write for Low Prices and Illustrated Catalogue from World's Largest and Oldest Poultry Farm. Sunflower Poultry Farm, Box 881, Newton, Kansas.

See Austra-Whites hatched each Thursday. \$5.00 per 100 delivered—and worth every cent. U. S. approved, embryo fed; more eggs for you—more eggs for Uncle Sam; 21st of 100% live arrival guaranteed; free circular. Master Breeders, Cherryvale, Kan.

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

Austra-Whites—From ROP sired Leghorn females. U. S. Approved. Pullorum Controlled. Satisfaction guaranteed. Let us tell you about chicks. Upham Sunnyslope Hatchery, Junction City, Kan.

See larger fast growing Austra-Whites. Backed by 10 years breeding improvement. For vitality and vigor—priced within your reach. Jones Hatchery, Emporia, Kansas.

See Austra-Whites make the best layers. Larger eggs and higher livability. Phillipsburg Hatchery, Phillipsburg, Kansas.

See Austra-Whites for profit. Guaranteed livability. DeForest Hatcheries, Peabody, Kan.

LAMONAS

Deble's Candidate Lamona pullet sired with pedigreed males. Chicks and eggs. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

POULTRY—MISCELLANEOUS

Specialize in large-type English Leghorns, Austra-Whites, Leg-Rocks. Fisher Poultry Farm and Hatchery, Wilson, Kansas.

BRAHMAS

Berry's Big Brahmas

Exhibition, big type Brahmas, heavy egg layers, quick maturing. Cockerels or pullets. Blood-tested, guaranteed chicks. Catalog free. Berry Brothers, Box 721, Atchison, Kansas.

WHITE LEGHORNS

BIG ENGLISH LEGHORNS

We really have them. Famous large bodied layers of lots of big white eggs. Direct Importers Barron's best bloodlines (up to 305 egg breeding). 22nd year continuous flock improvement by a real breeding farm. Thousands of satisfied customers in 36 states say "best money making strain." We can please you, too. Sexed or non-sexed reasonable prices, bank references. Write for "The Proof" free. Bartlett Poultry Farm & Hatchery, R. 5, Box 24, Wichita, Kan.

Famous Imported Barron Trapnested pedigreed winterlay English strain, purebred U. S. ROP sired 2 eggs to one White Leghorn, guaranteed against White Diarrhea. Supreme chicks anybody can raise. Catalog. Dr. Cantrell, Snowwhite Egg-farm, Carthage, Mo.

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

Tom Barron strain White Leghorns, lopped Comb, big bodies, great producers, chicks \$7.25. Pullets \$12.50. Cockerels \$3.00. Blood-tested, culled. Catalog free. Allen Hatchery, Box 100, Windsor, Mo.

Super-Quality "AAA" Big English type White Leghorns, Missouri State Approved. 100% live. Prompt delivery. \$3.40. Pullets \$14.90. Postpaid. Early order discounts. Free catalog. ABO Hatchery, Garden City, Missouri.

White Leghorn chicks from large type matings up to 289 eggs. Bloodtested. Prices reasonable. Prepaid. Live delivery guaranteed. Eck Hatchery, Moundridge, Kan.

Jones' big white English Leghorn chicks up to 250 eggs. Noted for livability. Bloodtested, backed by our guarantee. Jones Hatchery, Emporia, Kansas.

We Specialize in Large White Leghorn Chicks. Bloodtested. U. S. Approved. Postcard brings prices quick. Owen's Hatchery, 618B North Ash, Wichita, Kan.

Sanford's Big English White Leghorns. R. O. P. sired. U. S. Pullorum tested. Phillipsburg Hatchery, Phillipsburg, Kansas.

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

NEW HAMPSHIRE

Berry's New Hampshires

Genuine big type New Hampshires. Quick maturing, fast feathering, heavy laying type. Big money makers. High livability. Bloodtested. Catalog free. Berry Brothers, Box 719, Atchison, Kan.

Famous Purebred, bloodtested. U. S. Approved New Hampshire. Feather quick as Leghorns, grow fast, mature early. Winter layers are great makers. Circular free. New Hampshire Ranch, Carthage, Mo.

Buy Pedigreed New Hampshire chicks that are bred to live. Grow and Lay. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

BARRED ROCKS

Missouri Approved Pullorum-tested White, Barred Rocks \$8.75 per 100. FOB Hatchery. Your big opportunity. Order now for future delivery. Avoid disappointment. Calhoun Hatchery, Calhoun, Mo.

Buy U. S. ROP Candidate mating Buff Rocks. Chicks and Eggs. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

BUFF ROCKS

Buy U. S. ROP Candidate mating Buff Rocks. Chicks and Eggs. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

WHITE ROCKS

With 29 years intensive breeding Bagby, easily raised, White Rock Chicks assure you more and larger eggs, faster maturing broilers, greater profits. Many Egg Contest Champions, now leading White Rock Pen Texas Contest. All breeders big bodied. Eamesway culled. Bloodtested. Approved. Amazingly low prices. Beautiful four color Free Catalog. Bagby Poultry Farm, Box 53, Sedalia, Missouri.

Satisfying Results for your Next Year's Layers come from Ernest Berry Sunflower Strain White Rocks. 98% of Chicks Purchased are Successfully Raised, say 11,500 Satisfied Customers. Write for Illustrated Catalogue and Low Chick Prices. Ernest Berry, Box 889, Newton, Kansas.

Drehe's Quality White Rocks from U. S. ROP Candidate pullets under trapnest. Chicks \$15.00 per 100. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

Jones' White Rocks, big type. Bloodtested heavy layers. Many report layers 5 months. Reasonably priced. Early order discount. Jones Hatchery, Emporia, Kansas.

Holtzapfel strain White Rocks, extra large chicks \$7.25, pullets \$9.00, cockerels \$7.00. Catalog free. Allen Hatchery, Box 100, Windsor, Mo.

DeForest Production Bred White Rocks. John DeForest, Peabody, Kansas.

S. C. REDS

S. C. Red Chicks from early feathering, trap-nest matings. Bloodtested. Prepaid. Prices reasonable for high quality. Eck Hatchery, Moundridge, Kan.

RHODE ISLAND REDS

Weldman Reds backed by our 34 years of breeding, high egg production, Grand Champion National Red Meat, Denver, Colorado, 1941. Eggs and chicks. Send for catalog. Weldman Red Farm, 5209 Norton, Kansas City, Missouri.

150 High Egg Production Show Bred Single Comb Red Cockerels, \$1.50. Huston's, Americus, Kan.

RHODE ISLAND WHITES

Sanford's Pedigree sired Rose Comb Rhode Island Whites. All leading breeds and hybrids. Phillipsburg Hatchery, Phillipsburg, Kansas.

WHITE WYANDOTTES

Drehe's trapnested White Wyandottes are bred to live and lay. Chicks and eggs. Drehe's Poultry Farm, Box K176, Great Bend, Kansas.

DeForest Pedigree sired Wyandottes. All leading breeds and hybrids. DeForest Hatcheries, Peabody, Kansas.

WYANDOTTES

DeForest Pedigree sired Wyandottes. All leading breeds and hybrids. DeForest Hatcheries, Peabody, Kansas.

KANSAS U. S. Approved U. S. Certified HATCHERIES

Improve your stock with stock of known Ancestry
Use U. S. R. O. P. Breeding Stock for definite improvement

Do your part—Buy stock from the following

KANSAS—U. S. R. O. P. BREEDERS

The only breeders in Kansas producing U. S. R. O. P. Stock—Ask your County Agent

WHITE ROCKS—
The Appleoffs, Hiawatha
Mrs. Fred Dubach, Jr., Wathena
Echo Glen Farm, Troy
H. H. Moore, Nickerson
The Stewart Ranch, Goodland
Wm. H. Drehe, Great Bend

REDS—
The Appleoffs, Hiawatha
Mrs. C. F. King, Nickerson
The Stewart Ranch, Goodland
R. C. R. I. WHITES—
F. E. Kidwell, Powhattan

WHITE LEGHORNS—
J. O. Coombs & Son, Sedgwick
The Stewart Ranch, Goodland
Mrs. C. H. Triplett, Topeka

BARRED ROCKS—Triple Bar Ranch, Beeler
BLACK AUSTRALORPS, WHITE WYANDOTTES, NEW HAMPSHIRE, BUFF ROCKS and LAMONAS—Wm. H. Drehe, Great Bend

DeForest Better Chicks

Raise John DeForest's best production matings of 200 to 300-egg breeding. 17th year of progressive poultry production. Don't waste time and money on chicks of unknown ability.

Over 400 R. O. P. Sired Males

are used in DeForest supervised flocks. Fast growth, early feathering, and heavy production in all leading breeds and crossbreeds. Write for prices. Branches at Marion and Cottonwood Falls

DeForest Hatcheries, Peabody, Kansas

Sexed or
as Hatched
High Livability
(Over 95%)

POST'S PROFIT MAKING POULTRY "16th year"

The three P's are back again with another fine profit-making record. You may have the same results.

175 Pullets direct from the dams of one of our flocks made the outstanding flock average of 241 eggs per bird, a total of 42,306 eggs. Hundreds of Big, Fine Male birds of high egg production breeding are again heading our flocks, guaranteeing the same High Production Breeding year after year. All leading breeds at very reasonable prices. Write

POST'S HATCHERY AND POULTRY FARM, MOUND CITY, KANSAS



Keep 'em Laying

More Profits—More Eggs, U. S. Certified Flocks. Austra-Whites, superior egg layers, fast feathering. S. C. Reds (ROP), 240-340-egg bloodlines, world's foremost breeding strains. White Rocks (ROP), 200-284-egg records. Lowest prices good chicks can sell for. Write for circular and price list.

Master Breeders, Box KF, Cherryvale, Kan.

White Rocks



Holtzapfel strain. Records up to 300 eggs. Pullorum controlled. All flocks triple tested. Pedigree sired chicks at regular prices.

Derussau Hatchery, Clyde, Kan.

NEW HAMPSHIRE

The profit breed strains. For broilers or egg production. They are adaptable to your needs. U. S. pullorum controlled.

STEWART HATCHERY, HUTCHINSON, KAN.

Leghorns ROP Sired

18 years special breeding on our own farm. Big, husky chicks—Pullorum controlled. Satisfaction guaranteed. Book now to insure delivery.

Upham Leghorn Farm, Junction City, Kan.

More Money for YOU

Select your chicks from our Egg-bred U. S. Approved Flocks. Young's Electric Hatchery, Clay Center, Kansas

NEW HAMPSHIRE

We have pioneered this famous dual-purpose breed in Western Kansas. All flocks double tested and culled for color as well as production. Write Dr. E. H. Boyd for prices.

STAFFORD HATCHERY, STAFFORD, KAN.

TURKEYS

RUFF'S TURKEY POULTS

are Dependable Commercial Poults. Early Maturity stressed. Discount on early orders. Free circular.

RUFF'S TURKEY FARM, OTTAWA, KANSAS

Big Money in Turkeys. Illinois grower makes \$5,000 yearly—others report similar profits. Leading turkey magazine tells how. One year \$1.00; five months 50c. Turkey World, Desk 257, Mount Morris, Ill.

Nichols Broad Breasts win grand champion Columbia, Champion Richland, 2nd, 3rd, 4th All-American. Hatching eggs, May \$20.00-100. Free catalog. Nichols Turkey Farm, Lees Summit, Mo.

Bronze, Narragansett, Holland breeders. Eggs. Banish blackhead. Remarkable discovery. Kirkham's, Brush, Colo.

Ebony Black, Silver Narragansett, best meat type. APA inspected. Oakdale Farm, Kensington, Minn.

Extra fine, blocky White Holland turkeys. Ervin Coyle, Culbertson, Nebr.

DUCKS AND GEESE

Dark Cornish cockerels \$1.00-\$2.00 each. Eggs 18-\$1.00. Pekin ducks, drakes \$1.00-\$1.50. Eggs 12-\$1.00. Large Toulouse goose eggs 20c-25c each. Hybrid geese \$2.00 each. Eggs 15c. Prepaid. Sadie Mella, Bucklin, Kan.

Dewlap Toulouse Gander, prize winner, T. W. Spachek, Pilsen, Kansas.

POULTRY PRODUCTS WANTED

Eggs, Broilers, Hens Wanted. Coops loaned free. The Copes, Topeka.

QUILT PIECES

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

COLONIAL CHICK ALMANAC FREE!

Has 115 pictures, 33 articles; lowest prices leading breeds chicks, also day-old pullets, males and hybrids. World's largest chick producer. COLONIAL POULTRY FARMS, Wichita, Kansas.

MORE THAN

U. S. Approved
U. S. Pullorum Tested
All flocks are PULLORUM TESTED TWICE. Specialties. White Rocks, New Hampshires, White Leghorns, Austra-Whites. Satisfaction GUARANTEED. It's the EXTRAS that make you More Profit. Blackburn's Hatchery Salina - - Kansas

Colwell's Larger White Leghorns

Baby Chicks, U. S. Certified, Pullorum Controlled, sired by Hansen's R. O. P. males 255 to 313. Twenty-one years' improvement work. Book orders early.

Colwell Leghorn Farm, Emporia, Kan.

REX O CHICKS

Make your dollars crow and cackle. Blood-tested. U. S. Approved. Rocks, Reds, Wyandottes, Orpingtons, Austra-White, large White Leghorns. Postcard brings prices quick.

Owen's Hatchery, 618A North Ash, Wichita, Kan.

Mrs. Baker's Anconas

Flock improvement work since 1921. U. S. approved 8 years. Pullorum tested farm flocks. Delivered promptly. Also Buff Minorcas, Austra-Whites, White Rocks and others.

Mrs. Winifred Baker's Hatchery, Downs, Kan.

Get Tindell's Chicks for Profit

"U. S." Grades. Top Quality Hybrids and Purebreds. Livability and Sex Guarantees. Early order discounts. Free catalog.

Tindell's Hatchery, Box K, Burlingame, Kan.

BABY CHICKS—STARTED CHICKS

U. S. Approved, Pullorum controlled, R. O. P. sired, 200 to 300 egg parents, or grandmothers. Healthy, vigorous, make large birds, good layers. (We do not custom hatch.) We feature W. Leghorns, W. Rocks, Wyandottes, Reds, Austra-Whites. Free folder.

Engle Electric Hatchery, Hays, Kansas

PATENTS AND INVENTIONS

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

Inventors: Foresighted manufacturers already planning post-war sale of new non-military products. If you have a useful invention, patented or unpatented, write Chartered Institute of American Inventors, Dept. 84, Washington, D. C.

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

FUR BEARING ANIMALS

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

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

OIL FILTERS

RECLAIMO THE HEATED OIL FILTER

Ready to serve you with limited stock of filters & supplies. Customers records, recent tests prove 80% saving in oil & motor wear. Our proof—seven years record. Save with your neighbor for Nat. defense. Use our safe, efficient, economical filtering material. Act NOW, stock limited. See your dealer or write RECLAIMO SALES, ELGIN, NEBRASKA

SEED

Prices quoted in these ads are assumed to be F. O. B. unless otherwise stated.

Minnesota CERTIFIED Seed Potatoes

Have Proven Their Right to Be Classed Among the Nation's Most Dependable by Their Performance

Hundreds of long experienced growers working with State Seed Authorities in co-operation with the University of Minnesota have developed a close inspection service with rigid regulations. Only stock that meets with the most exacting requirements is permitted to carry the Blue Tag Certificate of the State of Minnesota. Minnesota certified seed potatoes are produced in areas best suited for production of high quality seed stock. When purchasing, ask your dealer for Minnesota Certified Seed Potatoes.

MINNESOTA SEED POTATOES

For Health—Vigor—Production and a Higher Quality, Finished Product.

21 Varieties Certified

For a list of Minnesota dealers and growers write:

STATE OF MINNESOTA
DEPARTMENT OF AGRICULTURE
Seed Potato Inspection and Certification
University Farm, St. Paul, Minn.

PLANTERS SEEDS

FOR BIGGER AND BETTER CROPS

Unhulled Sweet Clover, white or yellow, \$2.40 bu. (30-lb.), Timothy \$3.85, Timothy and Clover mixture \$4.75, scarified Sweet Clover \$4.00; fancy Alsike \$13.50, all per bushel. Korean Lespedeza 99% pure, \$8.00 per 100 pounds. Large selection of adapted Hybrid corn, clovers, grasses, etc. Ask for price list and 1942 catalog. THE PLANTERS SEED CO.

613 Walnut Street Kansas City, Mo.

Hardy Recleaned

ALFAFA SEED \$12.90

Grimm Alfalfa \$14.40; Sweet Clover \$5.90; Red Clover \$12.00. All 60-lb. bushel. Brome \$17.90; Crested Wheat \$15.85 per hundred; track Concordia, Kansas. Return seed if not satisfied. GEO. BOWMAN, BOX 615, CONCORDIA, KAN.

Red Clover \$11.50—Alfalfa \$16.00—Sweet Clover \$6.00—Timothy \$3.65—Mixed Red Clover and Timothy \$4.70. All per bushel. Complete price list. Catalog and samples upon request. Standard Seed Company, 19 East 8th St., Kansas City, Mo.

Profits in hybrid corn: Bred for standability. All stars in performance tests. Yields 10-25% over ordinary corn. \$3.00-\$5.50. Agents wanted. Seed corn since 1901. DeWall Seed Co., Dept. K, Gibson City, Ill.

Save Money—Buy hardest Alfalfa and Grass Seed, direct from Sam Bober, Newell, So. Dakota.

For Sale: Certified seed corn, Hybrid US 35, \$6 and \$4. Henry Bunc, Everest, Kansas.

KANSAS CERTIFIED SEED

KANSAS CERTIFIED SEED

Field Inspected and Laboratory Tested

Be Safe—Plant Certified Seed

Forage Sorghums: Atlas, Kansas Orange, Norkan, Early Sumac, Leoti Red. Grain Sorghums: Colby, Finney, Wheatland, and Westland milo, Blackhull, Western Blackhull, Pink, Club, and Red Kadu, Early Kalo. Sudan Grass. Brome Grass: Flax: Linota. Corn: Hybrid: U. S. 13, U. S. 35. Open-Pollinated: Midland, Reid, Pride of Saline, Hays Golden.

Popcorn: Supergold, South American. Soybeans: Hongkong and A. K. Oats: Kanota and Fulton. Barley: Flynn. Alfalfa: Kansas Common, Ladak. Sweet Clover: White, Madrid. Red Clover: Kansas Strain. Write for list of growers.

The Kansas Crop Improvement Association

Manhattan, Kansas

Pure certified seed of high quality and germination of Atlas, Norkan, Early Sumac, Early Kalo and Pink Kadu. Fort Hays Experiment Station, Hays, Kansas.

Pure, high germination, state certified sorghum seeds: Valer Red Cane, Early Sumac Cane, Berryman Brothers, Ashland, Kansas.

Pure Certified Midland yellow dent seed corn, 95% Germ., \$2.50 bushel, shelled and graded. Herb. F. Helwig, R. 2, Oswego, Kans.

Certified Atlas seed, 89% germination \$5.00 cwt., 83% germination \$4.50 cwt. A. N. Claassen & Son, Potwin, Kansas.

Pride of Salina seed corn \$2.25 bushel. Certified Fulton oats \$1.00 bushel. Bruce S. Wilson, Manhattan, Kansas.

Good bright Certified Hongkong soybeans. Germination 91%. Write O. K. Cornett, Eureka, Kansas.

Certified US 35 and Ill. 200 Hybrid corn. Also Club Kadu. Harold Staadt Seed Farm, Ottawa, Kansas.

Pure Certified Kansas Orange of high quality and germination. Rolland Klaassen, Whitewater, Kansas.

Certified Linota flax, Midland corn, Hong Kong soybeans, Chamberlin, Carbondale, Kansas.

Certified Fulton Oats, germination 99, 80c per bushel. Otto Bunjes, St. Francis, Kansas.

Certified Sudan seed, germination 85%. Purity 99.71. Fred Lebow, Bird City, Kansas.

Certified Hybrid seed corn, US 13 and US 35. Fulton oats. O. J. Olsen, Horton, Kans.

Pure Certified Fulton Oats and certified Norkan seed. Wm. C. Robinson, Downs, Kansas.

Certified Flynn Barley. Germination 96%. John Jansonius, Prairie View, Kansas.

Atlas Sorgo, test 72%. Price \$4.50 per cwt. C. C. Cunningham, El Dorado, Kansas.

Fulton oats, germination 98, \$1 bushel. Fred Schwab, Manhattan, Kansas.

SALESMEN WANTED

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

PLANTS—NURSERY STOCK

Chinese Elm

25 Mammoth Rhubarb, red, whole root... \$1.00
100 Asparagus, 2 yr. Washington rust-proof... 1.00
20 Horseradish, crowns, White Bohemian... 1.00
50 Asparagus, 12 Rhubarb, 12 Horseradish... 1.00
5 Elberta or 5 Champion Peach, 4 ft... 1.00
5 Hale or 5 Mayflower Peach, 4 ft... 1.00
5 Jonathan or 5 Winesap Apple, 4 ft... 1.00
50 Early Harvest Blackberry, 2 yr. plants... 1.00
15 Concord Grapes, best 2 year... 1.00
50 Lucretia Dewberry, the best Dewberry... 1.00
25 Native Plum Seedlings, 18 inch... 1.00
25 Native Persimmon seedlings, 12 inch... 1.00
30 Russian Mulberry, 4 to 5 ft... 1.00
50 Russian Mulberry, 2 to 3 ft... 1.00
200 Chinese Elm, nice 9 to 12 inch trees... 1.00
100 Chinese Elm, nice 18 to 24 inch trees... 1.00
50 Chinese Elm, nice 2 to 3 foot trees... 1.00
50 Chinese Elm, nice 3 to 4 foot trees... 1.00
10 Chinese Elm, 4 to 5 ft, 2 yr. branched... 1.00
6 Chinese Elm, 5 to 6 ft, 2 yr. branched... 1.00
50 Black Locust, 2 to 3 ft... 1.00
30 Black Locust, 3 to 4 ft... 1.00
20 Black Locust, 4 to 5 ft... 1.00
10 Lombardy Poplar, 4 to 5 ft... 1.00
12 Lombardy Poplar, 3 to 4 ft... 1.00
15 Lombardy Poplar, 2 to 3 ft... 1.00
100 Gladiolus Bulbs, choice, blooming size... 1.00
18 Canna Bulbs, assorted colors... 1.00
30 Liberty Iris, assorted colors... 1.00
25 Spirea Vanhouttei, white, 18 inch... 1.00
Quality Stock Spring dug. All Prepaid.
"Order with Confidence" From
Pritchard Nurseries, Box 1467, Ottawa, Kansas

100 Premier and 50 Gem Strawberries... \$1.00
50 Asparagus, 12 Rhubarb and 6 Horseradish... 1.00
16 Giant Boysenberries, select plants... 1.00
4 Champ. G. berries and 4 Redlake Currants... 1.00
12 Welch's Concord Grapes, 2 yrs... 1.00
100 Cumberland Black Raspberries... 2.50
100 Blackberries, various varieties... 2.00
100 Glads or 12 Regal Lilies, blooming size... 1.00
20 VanHouttel, Barberry or Privet, 18 inch... 1.00
20 Chinese Elms or 15 Lomb. Poplars, 4 ft... 1.00
20 Apples—5 Jonathan, 5 Grimes, 2 Duchesse, 5 Red and 3 Yellow Delicious, 4 ft... 3.50
4 Early Richmond or Montmorency cherries... 1.00
4 Compass Cherries or 4 Little Fears... 1.00
2 Terry and 2 Burbank Plums... 1.00
10 Golden Jubilee Peaches or other sorts... 1.50
2 Superb and 2 Chinese Apricots... 1.00
Good 4 ft. trees, (Prepaid). Order from this ad. Colored Catalog Free.
Welch Nursery, Shenandoah, Iowa.

Rose bushes: Strong, 2-year, field-grown stock. Red, Pink, Shell Radiance, Talsman, Prefect, Hoover, Sunburst, Victoria, Columbia, Luxembourg, Caledonia, Briarcliff, American Beauty, Golden Dawn, Autumn, Lady Hillingdon, Your choice 18 inch postpaid. Peach Trees: Elberta, Mammoth, Red, Chinese Cling, Early Elberta, Golden Jubilee, Strong, 4 ft. trees, each postpaid. Satisfaction guaranteed or money back. We ship C. O. D. Bargain catalog free. Naughton Farms, Inc., Waxahachie, Texas.

Certified Frostproof Cabbage and Onion Plants—Large, stalky, well rooted, hand selected. Cabbage—all varieties, 200, 60c; 300, 75c; 500, \$1.00; 1000, \$1.75. Onions—Crystal Wax, Yellow Sermus, Sweet Spanish, 500, 75c; 1000, \$1.25; 3000, \$3.50. All Postpaid. Satisfaction guaranteed. Culver Plant Farms, Mt. Pleasant, Texas.

Sample Plants, 25 Frostproof cabbage plants for 1942, postpaid. State shipment date. Free—Our 1942 color catalog, field-grown Cabbage, Onion, Lettuce, Beet, Broccoli, Tomato, Potato, Eggplant, Pepper plants. Write today. Piedmont Plant Co., Box 921, Albany, Ga.

Free—Catalog 1942, describing all kinds of vegetable plants. Tells how to plant, spray and care for the garden. Write for your copy today. P. D. Fulwood, Tifton, Georgia.

Thin-shell Black Walnuts—Rapid growers, beautiful shades; bear 2nd year. Nuts large, easily cracked. Catalog free. Corsicana Nursery, Corsicana, Texas.

Boysenberry, Youngberry, Nectarberry, Wonder Blackberry, Latham Raspberry \$2.00-100 Prepaid. Winn's Berry Farms, Westfork, Ark.

200 Strawberries \$1.00. Peach trees 5c, apples 1c. 25 assorted two year trees \$1.85. Send catalog. Baker Nurseries, Higginson, Arkansas.

Transportation Prepaid! On our first class fruit trees and berry plants. Free Catalogue. Ozark Nursery, Rogers, Arkansas.

Everybearing Strawberry Plants—Kansas grown—Gems 60c, Mastodons 75c. Order early. W. T. Smith, Dighton, Kansas.

MACHINERY

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

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

Save 20 to 40% on parts, any make disc harrow, sheller, drill, mower, washer, burr grinders, \$5.00; hammer grinders \$29.50, cream separators \$15.00, motors \$4.00. Henderson Implement Co., Omaha, Neb.

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

3-New T-6 I-H-O TractorTracs. Can make immediate delivery. There will be a few opportunities like this in 1942. Rolfsmeier Implement Co., Seward, Nebraska.

For Sale: Minneapolis Moline Model G, 12 foot combine, on rubber. Excellent condition, cut small acreage. Chas. K. Atwater, Netawaka, Kans.

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

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

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

For Sale: John Deere No. 7 combine 1939, 10 ft. cut, extra good, \$5.00. Elmer Klahr, Netawaka, Kans.

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

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

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

4 H. P. Shaw Garden Tractor. Marvin Quinnette, Ames, Kansas.

TOBACCO

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

TRACTOR PARTS

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

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

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

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

HAMMERMILLS

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

MACHINERY WANTED

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

Wanted—Jawhawk hay stacker, late model. Don Bacon, Lyons, Kans.

PHOTO FINISHING

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

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

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

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

DOGS

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

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

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

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

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

Wanted—Fox Terrier Puppies. Box 261, Stafford, Kansas.

BREEDERS SUPPLIES

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

LIVESTOCK REMEDIES

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

AUCTION SCHOOLS

\$100 Day Auctioneering. Term soon. Free catalog. Reich Auction School, Austin, Minnesota.

EDUCATIONAL

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

PERSONALS

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

FISH BAIT

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

FARM TELEPHONES

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

FEATHERS

Highest Prices Paid for Feathers. We pay: White Goose, \$1.20; White Duck, \$1.00; White Duck, \$1.00; Colored Duck, \$1.20; Body feathers must contain original down. We also buy Goose Quills. No used feathers wanted. Checks mailed same day. No deductions for commission or handling. Big small shipments accepted. Progress Feather Company, 657 W. Lake Street, Chicago.

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

HELP WANTED

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

FEMALE HELP WANTED

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

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.

LAND—KANSAS

Own Your Own Kansas Farm

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.

Low down payment (10 per cent), low interest and installments help 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 through Friday over KTSW, Emporia, or KVGB, Great Bend, 1400 Kilcycles.

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

Warren Mortgage Co.
Emporia, Kansas

150 ACRES—FOR SALE—150 ACRES

Improved Livestock Farm in Franklin County, Kansas, near Ottawa. On gravel road, overlooking water, 100 acres plow land, 50 acres good pasture. Price, \$30 per acre, \$900 down, the \$234 per year pays interest and principal. Possession March 1. R. K. Thomas, 234 W. 7th St., Box 163, Ottawa, Kansas.

Douglas County

120 acres improved one mile from town on Highway. Good House, Barn, Garage, Chicken House, Hog House and others. 80 acres in cultivation, 40 acres grass, \$700 Cash will handle, balance long time loan, low interest rate.

H. A. LONGTIN, BOX 375, EMPORIA, KANS.

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

Suburban Home—25 acres close in, 6 rooms, good barn, gas, electricity, city water, \$2,500. T. R. Godsey, Emporia, Kan.

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

LAND—MISCELLANEOUS

FEDERAL LAND BANK

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

Electric-Lighted Western Missouri bargain, 90 acres, only \$1,750! Well-kept buildings, 5-room white house, electricity in, 40-ft. painted barn, new 300-capacity poultry house, etc.; only 1/2 mile to hard-surfaced road, near several towns; 55 acres tillable, 5 acres woodland, good pasture with dependable spring; owned by non-resident, sacrificed at \$1,750, part down. Midwest catalog, 8 states, free. United Farm Agency, KF-428, BMA Bldg., Kansas City, Mo.

Public Sales of Livestock

Hereford Cattle

February 27—James M. Clark Estate, Chanute, Kan.

March 2-3—Hereford Roundup sale, Kansas City, Mo. R. J. Kinzer, Secretary, Kansas City, Mo.

April 14—Northwest Kansas Hereford Breeders' Sale, Atwood. Sales Mgr., H. A. Rogers, Atwood, Kansas.

April 27—C-K Ranch, Brookville, Kansas.

June 13—Will Condeil, El Dorado, Kansas.

Aberdeen Angus Cattle

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

March 25-26—Nebraska Aberdeen Angus Breeders' Show and Sale, Columbus, Neb. M. J. Krotz, Sales Manager, Odell, Neb.

Shorthorn Cattle

March 4—Southern Kansas Shorthorn Breeders' Association sale, Wichita, Kansas. Hans E. Regier, Whitewater, Kansas, Sales Manager.

Poland China Hogs

March 5—Herman Groninger, Bendena, Kansas.

Berkshire Hogs

March 5—Roy Gilliland, Jr., Holton, Kansas.

We all know the value of sanitation in hog raising and the necessity of keeping hogs on clean ground. This is carried out in detail at the ROY GILLILAND, JR., farm near Holton. Now that he has decided to sell a number of his best registered Berkshires, buyers can rest assured they will buy healthy breeding stock. Berkshire hogs have created a demand for themselves by crossing well with other breeds and the type represented in Berkshire today meets the requirements of feeder, farmer and the packer. Roy is selling 35 head in his first sale at Holton on March 5, and we suggest you write him for a catalog at once. His address is Holton, R. 3.

We wish to call attention to the HERMAN GRONINGER Poland China bred-gilt sale on March 5. The Groninger family has lived near Bendena for many years, and thru the good and bad years of hog prices these folks have continued to raise a large number of registered Polandans annually. Rather than try to sell the bred gilts at private sale they will sell at auction on the date mentioned. We suggest you write Herman Groninger for a catalog and we are sure you will want to be at this sale.

THE SOUTHERN KANSAS SHORTHORN BREEDERS' ASSOCIATION show and sale, to be held at Wichita on March 4, will be an excellent place to buy registered Shorthorns. This organization has played a very important part in the development of better Shorthorns in Kansas, and breeders and farmers alike look forward to this sale. Fifty head will sell, 30 bulls and 20 females. If you are interested in a catalog, write at once to Hans E. Regier, Whitewater, Kan.

Forty-eight registered Duroc bred gilts, 20 of which were of fall farrow, sold in the FRED FARRIS sale at Fautett, Mo., on February 1, for an average of \$60. The top was \$100, paid by J. T. Wescot, of Fillmore, Mo. The weather and roads were not the best on that day, which doubt lowered the average somewhat.

HEREFORD CATTLE

HEREFORD ROUND-UP SALE

March 2 and 3, 1942
Kansas City, Mo.

Sale will be held in
American Royal Building

200 Head

150 Bulls 50 Females

Don't pass up this year's Round-Up Sale if you are going to need a bull or bulls, or if you are considering purchasing a few foundation females. Catalogs will be mailed on request only.

AMERICAN HEREFORD ASSOCIATION
300 W. 11th St., Kansas City, Mo.

Dandy Reg. Hereford Bulls

12 to 16 months old, typey, well-grown, modern Herefords. The easy-feeding kind, that are in demand by farmers and ranchmen today. ADVANCE MISCHIEF breeding. T. and abortion free.

WANER'S HEREFORD RANCH
Florence, Kansas

Walnut Valley Hereford Ranch

Excellent group of heifers, 9 to 24 months old. Strong Hazlett breeding. Range raised and developed. Bred or open.

Bulls, yearlings and calves by WHR and Hazlett sires. Leon Walte & Sons, Winfield, Kansas

Offering Hereford Bulls and Heifers

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

Reg. Herefords—Bulls and Females

Young bulls, bred heifers and heifer calves. Superior Mischiefs breeding.

FRANK WALSTEIN, R. 4, Hutchinson, Kansas

ANGUS CATTLE

Latzke Aberdeen Angus Farm

(SINCE 1918)
20 bulls 8 to 11 months old sired by Proud Cap K. 641403. Also cows and heifers. 150 head in herd. Inspection invited.

OSCAR LATZKE, JUNCTION CITY, KAN.

BULLS FOR SALE

Also choice heifers, bred and open. From a herd whose discards top best markets.

E. L. BARRIER, EUREKA, KANSAS

SHORTHORN CATTLE

See AMCOATS for SHORTHORNS

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

S. B. Amcoats, Clay Center, Kansas

"Lacy's Scotch Shorthorn Bulls"

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

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

POLLED SHORTHORN CATTLE

Banbury's Hornless Shorthorns

Bulls near serviceable age. Also cows, heifers and calves for sale.

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

BEEF SHORTHORN CATTLE

Attractive Prices on SHORTHORNS

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

V. E. DeGEER, LAKE CITY, KANSAS

AUCTIONEERS

BERT POWELL

LIVESTOCK AND REAL ESTATE
1631 Plaza Avenue Topeka, Kan.

Harold Tonn, Auctioneer

Purebred livestock and farm sales a specialty.
HAVEN (Reno County), KANSAS

BELGIAN HORSES

Purebred Belgian Stallion

Bay in color, 6 years old, 2,000-lb. horse, a wonderful specimen, gentle and sure breeder.

LAWRENCE P. OBERLE, Carbondale, Kansas

PERCHERON HORSES

Reg. Percheron Stallion

For sale. 8 years old, weight 1,850 pounds, chestnut sorrel, silver mane and tail. Priced to sell.

Mrs. Chas. M. Baird, Arkansas City, Kansas

MILKING SHORTHORN CATTLE

Milking Shorthorn Dispersal

(Private Sale)

Because of poor health and scarcity of help, I am obliged to disperse my entire herd.

25 Head

5 mature cows and three 2-year-old heifers. All in milk since last November and December. 6 heifers in calf to GRIFFIN FLASH.

4 bull and 6 last fall heifer calves. Cows bred to NERALCAM PROSTY MORNING and young stock sired by him. (His 32 nearest dams average 11.04 lbs. milk.) Federal accredited for T. and Bang's.

Geo. F. Habiger, Lyons, Kansas
On Highway 50 N. 2 1/2 miles west of town.

Few Choice Young Bulls

Our Sires:

Retnub Dutch Baron (Gr. Champion), Retnub Showman (Gr. Champion), Fair Acres Judge R. M. (Grand Champion). We offer several prospective herd sires. Inspection invited.

MAVIEU FARMS

"Home of Contented Cows"
Hudson, Stafford County, Kansas

Milking Shorthorn Bulls and Females

For sale: Borg's Clay Champion, roan 3-year-old bull. Also bull calves to serviceable age. We can spare some young cows. W. S. MISCHLER & SON, Bloomington (Osborne Co.), Kansas

"Dualyn Farm—Milking Shorthorns"

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

JOHN B. GAGE, EUDORA, KANSAS

HOLSTEIN CATTLE

Holstein Bulls for Sale

Calves to 16 months old. Out of dams with records up to 475 lbs. fat. Sired by Sir Billy Ormsby DeKal. Some out of his daughters and sired by Pabst Belmont Sensation, a proven sire, whose dam and 4 sisters tested 4%. 36 daughters of old Billy now in our herds.

Phillips Brothers, R. 4, Manhattan, Kan.

Clyde Hill Farm Holsteins

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

CLYDE HILL FARM, CLYDE, MO.

Gerhardt World's Fair Holsteins

In order to make room for female stock, we offer three bull calves at bargain prices, out of high-production dams.

GERHARDT FARMS, CONCORDIA, KAN.

WANT A HOLSTEIN BULL?

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

DRESSLER'S RECORD HOLSTEINS
Cows in herd are daughters and granddaughters of the state's highest butterfat record cow, Carme Pearl Veeman, 1,018 lbs. fat. Bulls for sale.

H. A. Dressler, Lebo, Kan.

DAIRY CATTLE

FREE BULL

Holstein, Guernsey, Shorthorn or Jersey with order of five \$13 heifers. Sent subject to approval. Also carlots of older heifers.

Shawnee Dairy Cattle Co., Dallas, Texas

AYRSHIRE CATTLE

RAISE AYRSHIRES

The Big, Economical producers of 4% milk. Write for literature and list of breeders near you with stock for sale.

AYRSHIRE BREEDERS ASSN., 260 Center St., Brandon, Vermont

BROWN SWISS CATTLE

Buy This Brown Swiss Bull

This 3-year-old registered Brown Swiss bull is to be sold at the dispersal sale of Echo Valley Dairy herd on

WEDNESDAY, FEBRUARY 25, 1 p. m.

M. B. MILLER, Owner, MADISON, KANSAS

JACKS AND JENNETS

Golden Rule Jack Farm

Jacks from 2 to 5 years old. Jennets. Since 1892.

W. D. GOTT, FT. SCOTT, KAN.

HAMPSHIRE HOGS

Gilts Bred to Nebr., Junior Champion

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

C. E. McCLURE, REPUBLIC, KANSAS

REG. HAMPSHIRE HOGS

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

SPOTTED POLAND CHINA HOGS

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

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

Shadowlawn Farm Berkshire Sale

Selling in the (Disinfected) Campbell Sales Pavilion

HOLTON, KANSAS

1 p. m., Thursday, March 5

35 HEAD WILL BE OFFERED



—including 20 young tried sows and gilts bred for March, April and May farrow. Also selling 10 top fall boars and 5 nice fall gilts. NOTE—Due to the labor situation I am cutting deep into the cream of my breeding herd for this sale. All sired by, and bred to, top boars, including GRANDVIEW CHALLENGER 2nd, a son of Fancy Creek Challenger 2nd, the Reserve Champion of Missouri and Iowa 1941, and his dam is Broadview Flash Lady, Jr. Champion Nebraska 1940.

Here is your opportunity to make a foundation of the champion market hog of today. For catalog write to

ROY GILLILAND, Jr., HOLTON, KANSAS

Send bids to auctioneer or the Kansas Farmer representative, Jesse R. Johnson, in my care. L. O. Ireland, Auctioneer

DISPERSAL SALE REGISTERED HEREFORDS

On All-Weather Road, 5 Miles South and One-Half Mile East of

Onaga, Kan., Friday, February 27

40 REGISTERED HEREFORDS

Herd Bulls—1 sired by HAZFORD TONE 74th and 1 by WHR BLOCKY DOMINO.

33 cows and heifers, half sired by or bred to above bulls, including 6 mature cows.

4 Young Bulls.

10 Suckling Calves.

7 Grade Shorthorn, Ayrshire and Jersey milk cows (some of them fresh). 15 Ewes, bred to Shropshire buck. Few hogs, horses, machinery and good-as-new International grain binder, manure spreader and a lot of other useful farm articles.

Herefords—T. and abortion Federal accredited. Selling without fitting. For catalog address

VELMA E. CLARK, ONAGA, KAN.

Administratrix, Estate of Jas. M. Clark

Col. H. J. Brunner, Auctioneer



Buy Good Shorthorns March 4, Wichita, Kan.

Sale Held in the C. B. Team Sale Pavilion, 1 p. m.

The Southern Kansas Shorthorn Breeders Association

WILL SELL 50 HEAD — 30 BULLS and 20 FEMALES

THE SALE OFFERING: There will be several outstanding tried sires, a number of long yearlings ready for heavy service, also some younger bulls. There will be plenty of quality with the best of breeding. The females include cows with calves and bred and open heifers. NOTE—SHOW AT 9:30.

For Sales Catalog Address the Secretary and Sales Manager,

HANS E. REGIER, WHITEWATER, KANSAS

Auctioneers—Jack Halsey and Boyd Newcom

Buy Bred Poland China Gilts March 5

Selling at Auction — Bendena, Kan.

Selling 40 Head of Real Farmer Type

They farrow in March and April and they are bred to The Challenger and Diamond Boy. The Challenger is sired by Newby's Challenger. The gilts are sired by Gold Spike 2nd, a grandson of Golden Rod.

If you wish to improve your Poland Chinas buy one or more of the good, registered bred gilts that sell in this sale. For catalog write to

HERMAN GRONNIGER, BENDENA, KANSAS

POLAND CHINA HOGS

BRED GILTS

Sired by or bred to Golden Model. Also September gilts, open. (4-H prospects.)

RAYMOND (Rice Co.), Kansas

Poland Bred Gilts, Fall Pigs

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

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

Davidson Offers Fall Boars and Gilts

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

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

GUERNSEY CATTLE

Reg. Guernsey Bulls for Sale

Two yearling bulls sired by proven sires. One dam with A. R. record. Inquire of OAK LAWN FARM, Jacob H. Wiebe, Whitewater, Kansas

4 Guernsey Heifer Calves \$110

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

Offering: One Fine Bull Calf

Background 800 pounds of butterfat. One registered 2-year-old. Two grade cows, 4 years old.

LYN-LEE GUERNSEY FARM, Hillsboro, Kan.

Purebred Guernsey Bull

For sale. Three years old, a dandy; unrecorded.

LLOYD SUGGETT, HOME, KANSAS

DUROC JERSEY HOGS

DUROC BOARS and GILTS

15 first fall gilts and 6 fall boars, sired by Captain Kidd 2nd. Dams by Prince Orion and Wonder Leader. Selling so farmers can own them. Also Registered Hereford bulls.

GRANT POOLE, MANHATTAN, KANSAS
(10 miles south of town)

100 Duroc Boars—50 Bred Gilts

Huston has 100 Duroc boars, all sizes. 50 bred gilts. Original home shorter-legged, heavy-boned, easy-feeding type. New blood for old customers. 250 head in herd. Registered and immuned. Shipped on approval. Catalog. 35 years a breeder.

W. R. HUSTON, AMERICUS, KANSAS

Bred Gilts and Fall Boars

Thrifty medium-type gilts to farrow in March. Will weigh 400 pounds. Bred to Miller's Cherry Ace, son of Cherry Ace. Fall boars same breeding. 150 head in herd. Registered and immuned.

WELDON MILLER, NORCATUR, KAN.

TOP SOWS AND GILTS

by Golden Fancy. Bred to the top son Minn. Ch. Boar; 1 sp. boar by Minn. Ch. B; 1 by Golden Fancy; also fall pigs. B. M. HOOK & SONS, Silver Lake, Kan.

Duroc Fall Boars and Gilts

The broad-back, heavy-ham kind. Best of breeding, new bloodlines.

MARTIN HAJEK, TAMPA, KANSAS

Reg. Durocs for Farmers

Spring and fall boars, and bred and open gilts. Sired by or bred to Iowa Master.

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



WHEAT VOTE MAY 2

No Loans if Quotas Turned Down

A SECOND wheat quota referendum, to decide whether marketing quotas—and penalties—shall apply to the wheat crop harvested in 1942, will be held Saturday, May 2, it is announced by Secretary of Agriculture Claude Wickard. To become effective, a two-thirds affirmative vote is necessary.

Last year the quotas were voted by an 81 per cent for and 19 per cent against. Producers of fewer than 15 acres are not eligible to vote in the referendum, and the quotas do not apply to them. Another provision of the law is that if quotas are voted down, the Government will not make commodity loans on that commodity during the marketing year for which quotas are rejected.

In connection with the referendum announcement, the AAA said 1942 provisions have been relaxed to allow substitution of volunteer wheat for seeded wheat destroyed by a cause beyond the farmers control, such as flood or drought. Substitution of volunteer wheat for acreage destroyed can be made with approval of the county AAA committee.

"To be in full compliance with the AAA program, however, the total wheat acreage on the farm cannot exceed the wheat acreage allotment," the AAA warns. "If for some reason a farmer was unable to seed his wheat, a volunteer crop, as in former years, will be classed as seeded for program purposes."

The department has refused, however, to accede to demands that farmers be allowed to harvest volunteer wheat beyond their allotments, and escape paying penalties if quotas are voted in again.

Said Secretary Wickard: "Wheat farmers thru the ever-normal granary have provided plentiful reserves. Without producing a bushel this year, we have enough on hand to supply all of our anticipated needs both at home and in foreign outlets well into 1943. Raising excess wheat wastes productive effort of farmers, disrupts transportation and clogs storage facilities already filled to capacity."

The 1942 penalty will be one-half the loan value, or probably around 56 to 60 cents a bushel.

War Boards Meet

More than 1,200 farmers, most of them members of state and county War Boards, met in St. Louis, February 2, heard Secretary of Agriculture Claude Wickard deliver a stirring address, and listened to progress reports by War Board state chairmen. One of the best reports was made by Lawrence Norton, of Kansas. Mr. Norton not only believes that Kansas farmers will reach all food production goals but that they will do more. County and community groups are co-operating with federal and state agencies

Yellow Corn Champ



Rolly Freeland, of Atchison county, captured the championship award on his 10 ears of yellow corn entered in the Blue Ribbon Corn Show, held in connection with the 1942 Farm and Home Week, at Manhattan.

and one unique idea described is co-operation in machinery repair with every farmer being given a sticker to attach which says, "My Machinery Has Been Repaired. Has Yours?"

But the man who really electrified the big crowd was Bob George, who with a brother and 4 nephews is operating a large farm in Eastern Kansas. Mr. George asserted that with 2 of his nephews he has volunteered for combat service. Farm work will be carried on by the older brother, his young sons, a hired man and his son, and such help as can be had from high school age boys. "Give us the food and we'll do the fighting," said Bob George. He was given a great ovation.

States represented were Kansas, Illinois, Indiana, Iowa, Ohio, Missouri, Minnesota, Nebraska, Michigan, Wisconsin, North and South Dakota. Grover

Hill, assistant secretary of agriculture, presided and optimism was reflected in every report made by state chairmen. Despite equipment and labor handicaps farmers will, providence permitting, meet every food production goal set. The address by Secretary Wickard, himself an Indiana dirt farmer, was a pledge of service to war leaders and to American farmers. Secretary Wickard asserted, "I have fought, and will continue to fight for parity for American farmers." However, the Secretary believes it would be injurious to farmers should farm prices reach too high a level, and every effort toward stabilization will be made. He referred to conferences with Leon Henderson, Price Administrator, and it is believed that in return for Mr. Wickard's assurances food prices will not be allowed to go too high. Mr. Henderson will see to it farmers will be protected in their buying by ceilings set on necessities such as farm equipment. Secretary Wickard urged attainment of every food goal, especially in production of fats.



Get the BLACK LEAF 40!

For lice and feather mites, Black Leaf 40 is outstanding. Apply with the Black Leaf 40 applicator according to directions. The fumes pass under the feathers of the roosting fowls and kill the pests.

Also Kills Garden Insects
Use on flowers, plants, shrubs, trees and other foliage to kill aphids, leafhopper, young sucking bugs, lace bug, mealy bug and similar insects.



Insist on factory sealed packages for full strength.
TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, INCORPORATED
LOUISVILLE, KENTUCKY

LOOK FOR THE LEAF ON THE PACKAGE

Get this BIG \$1.10 Selection of Garden Seed FOR YOUR OWN VICTORY GARDEN With GOOCH'S BEST CHICK STARTING FEED

AVAILABLE FOR IMMEDIATE PLANTING SEE YOUR GOOCH'S BEST DEALER TODAY

See your own Gooch Dealer about this amazing DEFENSE GARDEN BARGAIN! He has it on display in his store. Ten proved varieties of vegetable and flower seeds! Worth \$1.10 retail. Your dealer will tell you how to get these seeds with GOOCH'S BEST.

But best of all, you receive the help of GOOCH'S BEST Starting Feed for YOUR baby chicks. Year after year, GOOCH'S BEST Starting Feed has proved to be the reliable starting feed for thousands of successful poultry raisers! It contains 14 tested ingredients, including the rich vitamins, proteins and minerals necessary for sturdy, rapid growth. Right from the start it helps chicks grow into big, healthy, vigorous birds. Many poultry raisers have raised 2-pound broilers in 8 weeks.

And GOOCH'S BEST Starting Feed is economical, too. It actually costs less than 1½¢ a week per bird for the first six weeks. Build up your profits with GOOCH'S BEST Starting Feed — either Mash or Pellets.

FREE . . . WHILE YOUR DEALER'S SUPPLY LASTS!

For a limited time only, a fine 40¢ "Early Garden Seed Collection" with your first 100 lbs. of GOOCH'S BEST Starting Feed. This includes radishes, tomatoes, lettuce, and flower seeds—and is offered in addition to the big \$1.10 DEFENSE GARDEN BARGAIN seed selection above.



JUST LOOK AT THIS FINE ASSORTMENT OF GARDEN SEEDS . . .
Peas
Sweet Corn
Red Beets
Turnips
Zinnia Flower Seeds
Green Beans
White Radishes
Watermelons
Cucumbers
and
FREE AT YOUR DEALERS
Scarlet Radishes
Lettuce (for your own locality)
Cosmos Flower Seeds
14 Varieties in All

DRESS PRINT FABRIC SACKS—GOOCH'S BEST is packed in usable stylish bags, which may be made into clothes and other household articles. Label washes off.

GOOCH FEED MILL CO., LINCOLN, NEBRASKA
SALINA, KANSAS

GOOCH'S BEST