

OCTOBER 2, 1943

# KANSAS FARMER

CONTINUING MAIL & BREEZE



## Does PLOWING Help or Harm?

FARMERS have been gradually plowing themselves out of business since the advent of the moldboard plow some 200 years ago. At least, this is the theory now being advanced by Edward H. Faulkner, an Ohio experimental farmer, whose revolutionary ideas on planting and cultivation recently received the approval of U. S. Department of Agricultural officials.

"With all their machinery U. S. farmers get less yield an acre than Chinese peasants," says Mr. Faulkner in his newly published book "Plowman's Folly," in which he condemns the moldboard plow as the major enemy of the soil.

The story of how the author arrived at this conclusion goes back some 25 years. A Kentucky farmer's son, county agent and agricultural teacher, Mr. Faulkner noticed that when crops in a plowed field became parched and yellow, the weeds in unplowed adjoining fence-rows still grew lush and green. He wondered why the plants in meadows and forests grew so well without cultivation.

Having noted these things he began to ask farmers and agricultural experts why they plowed the soil. He claims he never could get an answer based on scientific facts. Most farmers plow, he concludes, mainly because they like to. At the same time he concluded that the plants in meadows and forests grow better because they are fed and protected by decaying plants on the surface of the soil.

Having proved in his mind that plowing was wrong, the author set out to prove his theories in actual practice. He began with small test plots, taking the poorest soil he could find and working humus material into the surface. These proved successful so he began experiments on a field-size basis.

He grew a thick cover crop of rye, disk-



Plowing is accused in a recent book, "Plowman's Folly," of destroying soil fertility and robbing plant roots of food and water by burying green manure beyond their depth, to act as a "blotter" in the subsoil.



The author claims the remedy to be "use of an implement that can't bury surface materials, such as a good disk harrow, which can mix into the soil, in a matter of hours, an amount of organic matter nature would take decades to produce."

harrowed it and planted in a trashy surface; using no commercial fertilizer on the soil or insecticides on the plants. The results were astounding. His tomatoes brought as much as 25 cents a peck premium for weight, he grew sweet potatoes in 2 months instead of 4, and harvested 5 pickings of beans instead of the usual 1 or 2.

But it wasn't all easy. His biggest problem was finding an implement to plant his crops, as all modern machinery is designed to slide thru the soil. There was so much trash left on the Faulkner fields no present-day machine would do the job. He writes: "During the first rainy weeks I designed and built a crude device for locating the rows and establishing the places where seeds or plant roots

were to be placed in those rows.

"The outcome of my necessity was a marker which would roll over the land, smooth or otherwise and, without furrows, indicate the rows and the hill spaces in them. The marker was made from 2 discarded wagon wheels. These were fitted on their rims with lugs that would 'track' the land at 1-foot intervals. The axle upon which they turned was designed for row widths of 3 to 5 feet.

"I was to find later that its ability to negotiate a trashy surface was not the most notable virtue of this marker. Even more important was the fact that, every time a marker lug touched the ground. [Continued on Page 14]



A spring-tooth harrow, or any implement that incorporates surface material with the soil, is recommended by the author as superior to plowing in seedbed preparation.



## From a Marketing Viewpoint

By George Montgomery, Feed Grains, Poultry and Eggs; F. L. Parsons, Livestock and Dairy.

*I have greatly expanded my hog operations in recent years. Do you think it advisable to maintain an expanded program of hog production for the duration of the war? If I cut down on my breeding program, when is the best time to sell the sows? I have some 180- to 220-pound gilts and barrows. Should*

*I sell now or finish them to heavier weights?—C. S.*

It appears the most profitable years in the current hog-production cycle are about ended. The hog-corn price ratio is still favorable but by next year may be less favorable than in recent years. Hog numbers are at an all-time high. Feed supplies are scarce and advancing in price. The Government is putting a ceiling on hog prices October 4,

1943. The Government support price on hogs will be dropped \$1.25 by October, 1944. All this indicates smaller profits in hog production. Now is a good time to put your hog operations on a normal basis. It will probably pay you to sell your sows now and also your 180- to 220-pound pigs that are finished. They probably will be at least \$1 less by November or December.

*I have 20 grass-fattened cows, heifers and veal calves, mostly Herefords, which I am thinking of selling this fall to buy a farm. Do you think this a wise*

*plan or should I increase my herd and after the war, then dispose of them and buy a farm?—W. V.*

If present beef price ceilings are maintained, the owners of cow herds probably have already seen the most profitable years in the present cattle price cycle. Cattle numbers are at an all-time peak, and within a short time after the war's end, cattle prices are likely to decline. Now, prices of cows are more than twice what they were for the average of the 1932-39 period. From a price standpoint, I don't believe there would be any risk in keeping your cattle, at least until next spring, provided you have feed. Of course, feed may be a problem.

Farm land values are now at an index of about 105 compared with the peak of about 170 in World War I. Land values probably will increase for several years or until farm prices decline sharply over a period of time. This is expected.

*What is the outlook for turkey prices?—J. E. M.*

The turkey crop in the United States will be about the same as last year. In Kansas it is expected to be about 10 per cent less. Owing to meat rationing, the large demand for all kinds of poultry meat, and Government purchases of 10 million pounds of turkey for the armed forces, it is expected that turkey prices will remain at ceiling levels. The price regulation on dressed turkeys provides that there shall be a seasonal decrease in price of 2 cents on October 1, and 1 cent on November 1.

*Since so much wheat is being used for livestock feed and for making industrial alcohol, is there any danger that we will run short of wheat?—C. M.*

It is not probable that there will be a scarcity of wheat for making bread and for other uses for human consumption. It appears almost certain that after this year we cannot use as much wheat for livestock feed and for alcohol as is being used at the present time. During the crop season—July to June—we probably will use about 400 million bushels more wheat than was produced this year. The carry-over of wheat next June may be only about one third as large as it was this year. Unless there is a bumper wheat crop next summer, it will be necessary to restrict the amount of wheat used for feed and industrial purposes.

### Renew Tire Plan

The WFA program for helping farmers convert steel tractor wheels to rubber has been resumed under limited conditions, it is announced. Experience shows that rubber tires bring about savings of from 15 to 25 per cent in fuel, and as high as 35 per cent in repair costs. They also allow greater tractor speed, saving time and labor. Officials said that applications received can be granted only where conversion is necessary because the implement or tractor is to be used for custom work. They also stressed that the program is temporary and that its extension depends on the ability of manufacturers to increase tire production.

Before the program was suspended 33,144 conversions had been authorized, involving more than 98,000 tires. States making the most conversions were Iowa, Illinois, Nebraska, Ohio and Minnesota.

## KANSAS FARMER

Continuing Mail & Breeze

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

# If you want THE BEST TRACTOR TIRE

**Y**ES, to be sure of top quality and dependability in a synthetic rubber tractor tire, do as you have always done—go to your Goodyear dealer for Goodyear Sure-Grip tires.

There are three reasons why it's smart to do so—reasons why Goodyear Sure-Grips are superior to other synthetic rubber tractor tires.

**First,** Goodyear Sure-Grips give the exclusive advantages of that hard-working, SELF-CLEANING, O-P-E-N C-E-N-T-E-R TREAD DESIGN which gets the most work out of any tractor, in less time, and with less fuel.

**Second,** there's Goodyear's long experience in synthetic rubber. Knowing how to compound synthetics is mighty important—and Goodyear's experience in processing synthetic rubber dates back beyond the granting of our first synthetic patents in 1927.

**Third,** thanks to Goodyear's Super-twist cord construction, the carcass of Goodyear tractor tires has extra toughness and resiliency—which means longer life.



So, if you can qualify for new tractor tires—either as replacements or as change-overs from steel wheels—you want Goodyear Sure-Grips, the best synthetic rubber tractor tire made!

And the way to find out if you can qualify is to see your Goodyear

dealer. He has all the latest rules and information, and will be glad to help you in every possible way to get the extra advantages of the finest tire equipment any tractor can have today—Goodyear Sure-Grips!

### AUTO TIRES . . . TRUCK TIRES . . . BELTS AND SPRAY HOSE

Your Goodyear dealer can supply you with good used tires, or with new Goodyears for your passenger car or truck—depending on your certificate and his stocks. He also offers expert tire inspection, recapping and retreading services.

Goodyear Klingtite Cord Hammer-mill Belts that wear many times longer are also available from your regular dealer—as well as Goodyear Agricultural Spray Hose.



O-P-E-N C-E-N-T-E-R, SELF-CLEANING TREAD DESIGN.

NO "POCKETS" to pack up with earth and cause slippage.

GREATER TRACTION, backward as well as forward in all kinds of soil.

BETTER WORK, in less time and with less fuel.



**SURE-GRIP  
TRACTOR  
TIRES**

OPEN CENTER  
NO MUD TRAPS

EVEN SPACING  
NO JERKS

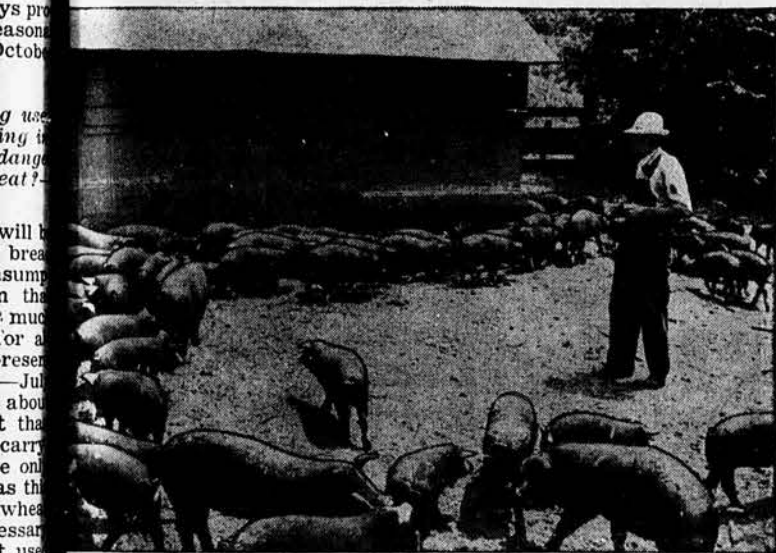
BUTRESSED BASE  
NO LUG TEAR

Sure-Grip, Super-twist,  
Klingtite—T. M.'s  
The Goodyear Tire  
& Rubber Company





Ferdinand Miller's attractive, 21-year-old daughter, Marvel, takes charge of poultry raising activities on Miller farm. Realizes 65c out of every poultry dollar comes from eggs; knows poultry furnishes American farmers their third largest income. To insure maximum egg profits, Miller farm provides scientific feeding, housing, care. Flocks, from baby chicks to laying house, are fed Staley poultry feed regularly.



Pigs of Ferdinand Miller grow sleek, well fed, husky under his watchful eye and personal care. Doing their bit for fighting food, Miller sows produced large litters this spring. "I've never had a bit of trouble getting a pig to eat Pig Mama or Pro-Lass," says Mr. Miller. "They go right after it—and they certainly clean it up in a hurry. I feed the sows Staley's Pro-Lass cubes and believe me, it's the thing for them!"



Shrewd, successful Mr. Miller believes "the best way to sell a corn crop is through your hogs." Feeds own home grains, supplemented with PRO-LASS Pig and Hog Supplement, to provide balanced ration. "It looks like everybody that uses it likes Staley's," says Mr. Miller emphatically. "My son-in-law is just as big a booster for Staley's as I am."



**STALEY'S**  
PRO-LASS  
Pig and Hog  
SUPPLEMENT



**STALEY'S**  
PIG  
MAMA

**STALEY'S**  
**PRO-LASS**  
Pig and Hog SUPPLEMENT  
and PIG MAMA  
No Minerals or Tankage to Buy

STALEY'S PRO-LASS PIG and HOG SUPPLEMENT helps hogs put on fast, profitable gains—gets them to market early. STALEY'S PIG MAMA is invaluable as an aid to condition sows for farrowing—and helps nursing pigs gain weight rapidly.

(42-85)

— See Your Feed Dealer —  
**STALEY MILLING CO., KANSAS CITY, MO.**

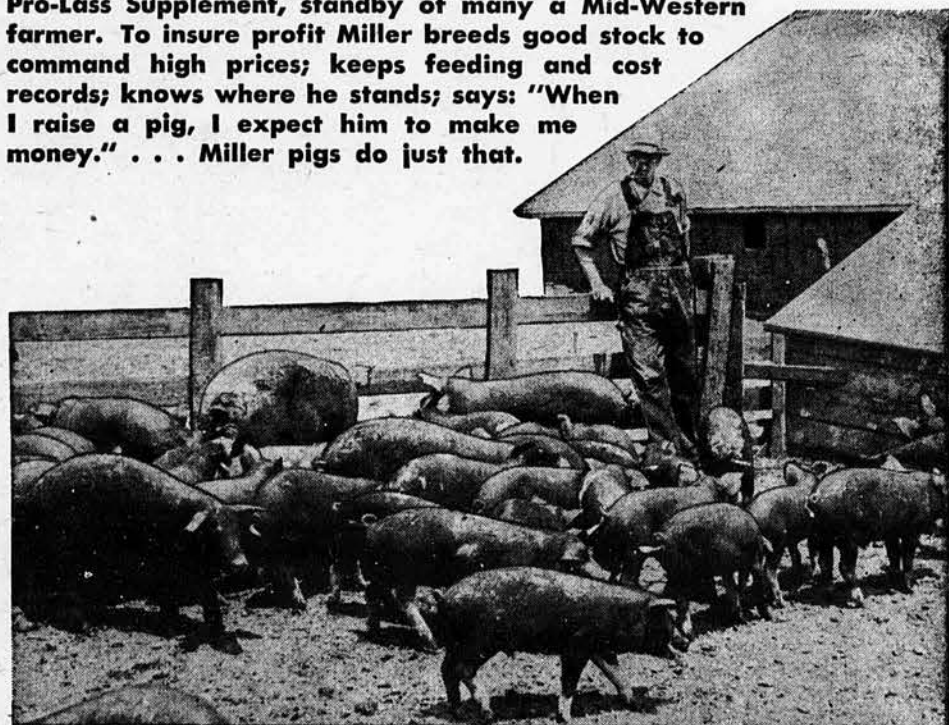
Steaming under noon-day sun, Earl Gibson (left), Wise-Gibson Produce Co., talks hogs with Ferdinand Miller (right), farmer, near Glenwood, Iowa.



Ferdinand Miller, right, follows traditional pattern of rural America. Born and reared on a farm, likes farming today. Has prospered and raised his family during past 36 years on same farm near 4500 population town of Glenwood, Iowa. Takes pride in his property; proud of his livestock; veteran hog raiser. Likes to trade ideas on farm problems with men who have expert background on feeding, such as Earl Gibson, Staley dealer in Glenwood.

## "A FARM CAN RAISE A GOOD MANY HOGS IN 36 YEARS"

"I've raised a good many pigs on this land in the 36 years I've lived here," says Mr. Miller. This year's herd of 180 Poland Chinas thrives on Staley's Pig Mama and Pro-Lass Supplement, standby of many a Mid-Western farmer. To insure profit Miller breeds good stock to command high prices; keeps feeding and cost records; knows where he stands; says: "When I raise a pig, I expect him to make me money." . . . Miller pigs do just that.



Proudly surveying porkers, Ferdinand Miller tells reporter: "I've used a good many different kinds of feeds in the years I've been here, but my choice is Staley's. The pigs do well on it and they start eating it right away. These pigs started eating Staley's Pig Mama when they were just 3 weeks old. That's what saves your sows—keeps them from getting too run down."



On the Road to Uncle Sam's

# ICE BOX

By 1st Lt. Cecil E. Barger



Lt. Barger, above, dressed for Arctic weather. The parka is alpaca fur-lined and has a hood which zips up close around the face. Looks warm enough.

It is possible that nowhere is the scenery of the winter landscape along the Alaska highway surpassed, as seen at left. A great vacation spot for after the war.

ing, woolens and a double down-filled sleeping bag. And what do I do? It is so hot I sleep on top of it all night.

Two days later, however, I felt the fury of the Arctic. The thermometer started falling at noon one day, and 48 hours later it had dropped from 50 degrees above to 50 degrees below!

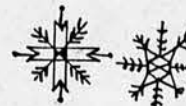
Right in the middle of that fall I left Dawson Creek for my first trip up the road—up the great Alaska Highway.

Naturally I was apprehensive about driving up a road about which I had heard so many sobering stories, and in such weather. But packing all the woolens I could cram into my musette bag, rolling up all my heavy bedding,

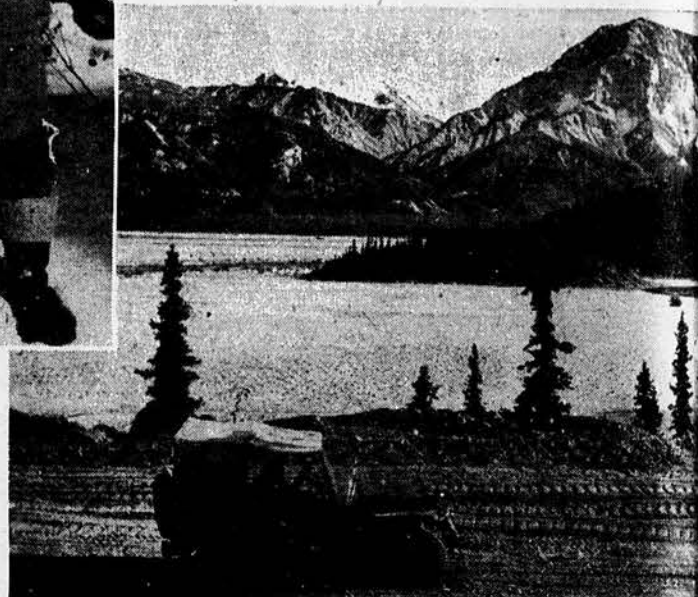
*First in a series of 4 articles on the great Alaska Highway, by Cecil E. Barger, associate editor of Kansas Farmer, now on leave with the United States Army.*



Swimming at 40 degrees below zero! Throwing snowballs while splashing in the water! The trick is a pool of warm water from a hot spring. Our hair froze into a mat of ice while we were dressed. Left to right: John Cook, George, Lt. Barger; and Joe Helsel, Niagara Falls.



Dawson Creek, shown above, formerly a Northern outpost. Now the Southern end of a 1,600-mile highway. Its biggest industry is wheat.



A jeep inspects a newly completed stretch of road thru regions of beautiful lakes and mountains.

**T**RAVELING the whole length of North America entirely by land! A few years ago such a feat would have been virtually impossible. Now it is not only possible, but actually has been done—and by no less a continent-trotter than yours truly, the author of this article.

Just for fun I claim to be the first white person to travel the traversable length of the continent by land. Maybe I'm not, but, until I am contradicted, I am going to claim the title, anyway.

A little more than a year ago, John Slocum and I motored the length of the Pan-American Highway from Laredo, Texas, to Mexico City and beyond. Many of you read of our exploits in Kansas Farmer. At the time, little did I dream that in less than a year I would travel to the extreme end of the great Alaska Highway, to the northern tip of the road hookup that will someday completely unite the Americas—that now unites Fairbanks with Mexico City, and will someday unite Point Barrow with Patagonia.

One winter I am soaking up sunshine down among the sly-eyed Mexican lassies, poinsettias, bananas, colorful tropical vegetation. Next I am in a land of ice and snow, glaciers, 60-below temperatures, bears and moose, Eskimos in furry parkas, dog teams, gold, Northwest Mounties, aurora borealis, and the Call of the Wild! Some contrast!

Of particular interest, perhaps, is that the Aztecs who developed the great civilization of Mexico City came from the regions of the present Alaska Highway about the year 1325. I have virtually made a return trip, but whereas they spent more than 3 years in their trek, I spent only slightly more than 3 weeks in actual travel time.

My first night up north was an exact opposite of my first night in the tropics, when I nearly froze stiff in a Spanish casa under a palm tree. When I arrived in that famous little town of Dawson Creek, of which nobody ever heard until it suddenly became the southern terminal of an international boundary-piercing road, it was absolutely warm right in the middle of January. They were having a big chinook, which is an Indian term for warm winds in winter. I was issued all kinds of fur-lined cloth-

and putting on all my furs, I set out, determined to climb the North Pole, if necessary, to get to my destination.

Driving with ordinary care, I traversed 800 miles of the road without a single accident or incident of any kind. Much of the road was as good as any gravel road, in Kansas. Other parts had a few more turns and a few steeper grades, but nowhere was the road impassable if ordinary precautions were taken.

The Army Corps of Engineers approached the present road site from every conceivable angle—from the air, by the sea, and across rugged forest land. They marked the trail, some 1,600 miles long, from Dawson Creek, British Columbia, up thru Yukon to Whitehorse, and on into Alaska to Fairbanks. Then they built the road with the combined efforts of civilian contractors from Canada and the United States, in less than a year.

"It is the greatest engineering feat since the digging of the Panama Canal," an outstanding engineering authority states.

I came on an advance party for a regiment of the Quartermaster Corps that now drives the trucks over the road, moving the freight that will strike terror into the hearts of the Japanese and bring smiles to the faces of the staunch Russians and Chinese.

The main body of my company arrived right in the middle of the tremendous [Continued on Page 5]



## Equipment Shortage Shows Up

In Survey Made by Assessors

KANSAS farmers will need a great deal of new farm equipment if they are to reach the high 1944 production goals, reports J. C. Mohler, secretary of the Kansas State Board of Agriculture. During the last 2 or 3 years, adequate replacements have not been available.

Last spring, in order to determine the needs of Kansas farmers for new equipment, questions were included in the Annual Spring Assessors' Enumeration of Agriculture. This census has now been completed, and 9 counties, one from each crop-reporting district in the state, have been summarized.

This survey indicates that Kansas farmers need all types of equipment ranging from threshing machines to baby carriages. The western wheat grower needs wheat machinery; combines, tractors, drills, one-ways, and trucks are high on his list. For the entire 9 counties, combines were first in demand, with Decatur county farmers calling for 78 new combines and farmers in Nemaha county listing a need for 13. The average for the 9 counties was 48. Scarcity of grain drills is also acute, with 77 requests in Kingman county. The average for the 9 counties was 44. As was expected, the need for one-ways is quite heavy in western areas. In Gove county alone, farmers need 45 additional one-ways.

In the corn-producing area, cultivators, corn planters, listers and plows are greatly in demand. Mitchell county called for 55 additional plows, while 53 listers would relieve the shortage in Nemaha county. Franklin county farmers have need for 86 cultivators. Hay equipment is also greatly in demand in the eastern two thirds of the state, and an average of 22 mowers and 13 trucks to the county is indicated by this survey. Other types of equipment, which would aid the Kansas farmer in producing more food in 1944, include tractors, gas engines, trucks, cream separators, milking machines, windmills, manure spreaders, ensilage cutters, wagons and pumps.

If the rest of the state is as badly in need of new machinery as these 9 sample counties, and there is every reason to believe that is so, the situation is probably more critical than has been previously indicated.

Kansas farmers are making every effort to meet their war production needs, but, in Mr. Mohler's opinion, there must be a substantial increase in the quantity of metals allocated for the manufacturing of new machinery if they are to obtain the additional machines so badly needed.

### Big Scrap Drive Starts October 11

NATIONWIDE drive to collect 15 million additional tons of scrap metal is being launched this month, beginning October 11 in Kansas, according to Harry Woods, executive secretary of the Kansas Salvage Committee. All organizations that participated in the 1942 drive are being urged to cooperate again this year, and indications are that every agency will be backing the drive to the limit.

Governor Andrew Schoeppel is expected to make the kickoff for the new campaign by issuing a proclamation and perhaps giving a radio address. Branch farm implement distributors are asking their dealers to produce at least 5 tons of scrap for each of the months of October, November and December. The response on request has been excellent, reports Mr. Woods.

As in past campaigns, the largest responsibility for producing scrap will fall upon the farmer. Considerable difficulty has been encountered in the past collecting this scrap because farm machinery no longer used, and because

they sometimes felt they might have need for certain parts.

"It is hoped," says Mr. Woods, that farmers by now have had time to go over their old machinery and reserve any parts they wish to keep, and that they will be ready to scrap the rest."

Since the difficulties of gathering scrap from the farms are greater than in the cities, much of the success will depend upon the initiative of the farmers in making their scrap available, he said.

Every effort is being made by the state committee to get the campaign organized down thru the counties and townships to the point that someone will be responsible for each school district and city block.

Scrap owners will be given an opportunity to do double war duty with their scrap this year. If they so desire

they can donate scrap to the National War Chest Campaign, which also is being conducted during October. Money from this campaign will go to the USO, the United Seamen's Service, the War Prisoners' Fund, and 14 other agencies including United China Relief, Russian War Relief, Greek War Relief, British and French funds, and aid to refugees. More than half of it will be used for benefit of men in the U. S. armed services.

### On Lookout for Grass Champion

A CONTEST to determine the state grand champion grass grower of Kansas is being sponsored jointly by Kansas State College and the Kansas City Chamber of Commerce, it is announced by Walter H. Atzenweiler, agricultural commissioner of the Kansas City Chamber. The contest will be confined to grass growers who seed a

minimum of 10 acres or more of cultivated land to grass.

L. E. Willoughby, extension specialist in agronomy of Kansas State College, is chairman of the State committee and announces that the contest will be in 2 parts—a county contest and a state contest.

Pastures entered will be scored 10 per cent on record of production methods, 10 per cent on sample of seed planted, 25 per cent on seedbed, 15 per cent on seeding, 25 per cent on stand obtained, and 15 per cent on cover.

Each county champion, selected from 5 or more contestants in a county, will receive a \$25 premium and a grass growers champion ribbon. The 10 highest scoring county champions will receive a trophy or medal. The state champion will receive \$100 and a gold medal while the runner-up will be awarded \$50 and a silver medal.

Dates for entries, says Mr. Atzenweiler, have been extended to November 1 for fall seeding and June 1 for spring seeding.



## PIONEER

### Hybrid Seed Corn

#### OFFER THESE ADVANTAGES

Round kernels have exactly the same breeding—and same parentage as the flat kernels. They will produce exactly the same results. They will plant just as far—they will yield just as much.

**ECONOMY** Hybrid seed corn is expensive to produce. For that reason, it is vitally important that every good kernel of seed be saved—and planted. Many farmers who have been planting hybrid seed corn for a long time—actually prefer the round kernels—because the original cost is less—because they will plant just as far—and yield just as much.

**ACCURATE PLANTING** Special grading methods developed by Garst & Thomas have resulted in a greater uniformity of round kernel sizes. And—because of the rapid and widespread use of round kernels—implement manufacturers are, almost without exception, making planter plates that will accurately plant the round kernels of hybrid corn.

For JUST AS BIG YIELDS—for JUST AS BIG PROFITS—and for a REAL SAVINGS IN ORIGINAL SEED COST—ask your local Pioneer Sales Representative for the complete facts about round kernels.

**GARST & THOMAS Hybrid Corn Co.**  
COON RAPIDS, IOWA



# FARM MATTERS

## As I See Them

A FEW days ago, September 17, was the 156th birthday anniversary of the Constitution of the United States. On that date, in 1787, the 39th signature of delegates to the Constitutional Convention was affixed, and the Constitution went to the states for ratification. It was June of the following year before the necessary number of states ratified the action of the Convention, and the Constitution became effective.

In the years that have followed the Constitution has been amended, has been interpreted, has at times even been disregarded by those sworn to uphold it—but the Constitution has survived.

The Declaration of Independence, the Constitution, and the Bill of Rights contained in the first 10 amendments adopted immediately following ratification of the Convention's work, are the Trinity upon which our Republic and our American way of life have been kept alive.

The foundation of this Trinity is the dignity of the individual. The Declaration of Independence was written; the War of the Revolution was fought; the Constitution was written; the Bill of Rights added to it; the War Between the States was fought; to guarantee certain rights and opportunities to the individual.

The Constitution, among other things, provides for majority rule thru representative, or republican, government. But it goes a step farther than that. Majority rule is balanced by various checks intended to protect the minority against actions by the majority which would infringe upon the dignity and certain rights and certain opportunities of the individual, even against the majority at any certain time in power. That is why certain things can be done, certain changes in form of government, require either two thirds or even three fourths majorities to make them effective under the Constitution.

For that reason, all of us who believe in the American form of government and the American way of life should view with suspicion any attempts made to substitute bare majority rule for two thirds majority in the cases where the founding fathers attempted to protect the rights of the individual, the rights of the minority, the rights of the states, against impulsive action by a majority, against too great centralization of power in the Federal Government by the administration in power.

I mention these matters at this time because I can see coming organized efforts, undoubtedly well intentioned, to change our form of government at the expense of the rights of individuals, and minorities, and of states, as against the power of a too-centralized Federal Government.

No group of people in the United States is more interested than farmers in retaining—regaining in some instances—these protections for the individual, for minorities, aye, and for the states.

The farmer is, on the whole, the great individualist in our Nation. The farmer is a minority, and an unorganized minority. And the farmer, as much as

anyone, I would almost say above everyone else is interested in retaining local self-government to the greatest possible degree.

Now the Judiciary was created to protect the rights of the individual, the rights of minorities, and the rights of the states in the Union. But that judicial protection is performed under the laws written by the Congress. Congress is the only branch of the Federal Government directly elected by the people, and directly representing the people.

Therefore it is to Congress that the individual, the minorities, and the states themselves, in the long run, must look for the retention of their rights, freedoms and opportunities.

The United States is going thru a critical period. All of us hope that we are moving toward and into a better world. But at the same time, the United States must be in position to hold its own in whatever kind of a world comes after this war.

Therefore, I say there never has been a time when it is more necessary for Congress to express the will of the people, not only in the national interest, but also in the interest of the individual, in the interest of minorities, and in the interest of local government, which in our Federal Union is state government.

That is why I am urging that every one of us keeps his eyes on Congress, and keeps his representatives in Congress—each of you have three, one Representative and two Senators—informed as to his needs and opinions and judgment on public affairs. I hope you will keep me informed.

### Let's Give Complete Picture

TOO many sources reporting on current conditions are city-minded, or to repeat a term I have used frequently, consumer-minded. Just this week, one report I heard "explained" how the cost of living had gone up. We all know it has. Wartime conditions and tremendous Government spending were bound to force higher prices for the necessities of life. But the thing that irked me about this "explanation" was the fact that it emphasized the higher cost of food, making it look as if the farmer is largely to blame for higher living costs.

Now that report could have given the big consuming centers—and incidentally, the big voting centers—a complete picture; a fair picture, by also going into the farmers end of costs. It might have said that farmers now must pay \$4 a day and board for hired help, as compared to \$1 a day before the war. That certainly is a big increase in farming costs, if help can be found even at that wage.

The report might very well have hinted at the higher prices farmers must pay all along the line. It might have mentioned that price ceiling muddles have cost cattlemen many thousands of dollars; have put dairymen out of business at a loss; have penalized hog growers. It might have had a little something to say about the increased costs that pyramid upon one another on farm products after those foods leave the farmer's hands.

If folks are going to make comparisons, for the purpose of finding somebody to blame, for the higher costs of living, they can be mighty unfair by giving just one side of the story. That is one reason I am going to speak out at every opportunity on behalf of—I don't need to say in defense of; agricultural income doesn't need any defense—the prices farmers are getting.

I am well aware that farm income currently is at a higher level than it has been for many years. We all know that farm purchasing power is growing in the form of money in the bank. And right there is a point I wish to emphasize. Farmers need a higher income now—a much higher income—to make up even in small measure for the many, many years when they were actually operating at a loss or nearly at a loss. Let me say again that any fair comparison of farm income with pay in most other lines of business will show farmers still at a disadvantage.

The money farmers now are able to put in the bank is there to improve their farms and buildings after the war; something they cannot do now under wartime restrictions. It is there to buy needed farm equipment. A survey in the annual spring assessors' enumeration of agriculture, sent to me by J. C. Mohler, secretary of the Kansas State Board of Agriculture, shows that farmers need all types of equipment if they are to meet the high 1944 production goals. The survey indicates Kansas farmers need—combines, tractors, drills, oneways, cultivators, corn planters, listers, plows, mowers, rakes, silos, gas engines, trucks, cream separators, milking machines, windmills, manure spreaders, ensilage cutters, wagons and pumps. So when farmers get all this alleged extra profit, it must be put right back into operating equipment to keep the farm plant in condition to produce food. Farm income isn't too high.

I would like to add here that it is a source of pride to me when I can tell people that farmers paid off 360 million dollars of indebtedness in the last year; debt accumulated in the hard, unprofitable years. And that about 42 per cent of the current net cash farm income is being used for this purpose. I like to tell, also, that farmers are putting about 12 to 14 per cent of their net income into War Bonds. I think other groups would have a time keeping up with that kind of thrift and patriotism.

*Arthur Capper*  
Washington, D. C.

## Still Trying a Food Price "Roll-back"

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—The "wooing" of Congress by the Washington Directorate to win approval of the consumer food subsidy program—now the redemption plan—is not having too smooth sailing.

Congressmen returning from the summer recess, and from their listening posts in Constituent land, appear to be wary of the wooing, which perhaps had a little too much advance advertising.

A few days before Congress resumed, a Washington business service informed the food trades that—

Food officials fear that Congress will be tough on food policies, especially as to prices; Congressmen had found the folks at home much disturbed over food.

"Marvin Jones is playing a cagey game where Congress is concerned," clients of the Kiplinger Washington

Agency were informed. Kiplinger's generally is one of the most reliable information agencies which serves business clients over the nation.

Marvin Jones is War Food Administrator.

Other members of what might be called the Directorate are:

Prentiss Brown, director of the Office of Price Administration, officially the administrator.

Fred M. Vinson, director of the Office of Economic Stabilization.

James F. Byrnes, director of the Office of War Mobilization, who outranks the other three.

These four—Justice Byrnes of OWM, Judge Vinson of OES, Judge Jones of WFA, and Senator Brown of OPA,

comprise the Directorate on the food front. All are former members of Congress; Byrnes resigned from the Supreme Court to head up OWM; Vinson and Jones were drawn from the Federal Bench; Brown was named after he had failed of re-election to the Senate in 1942.

Marvin Jones, chairman of the House Committee on Agriculture during the years when the New Deal farm program was written into law, is counted on heavily to win Congress over to the consumer subsidy program—re-named the redemption plan as previously explained—with Vinson a close second. He formerly was a power on the House Ways and Means Committee.

But in their first appearances, in

executive sessions, before Congressional groups, both Jones and Vinson ran into stonewall opposition.

Jones went before the Senate Banking and Currency Committee the week Congress resumed. In closed session he presented three subsidy proposals for dealing with the milk situation.

Following this session Judge Jones first postponed, then canceled his appearance before the House Committee on Agriculture.

Last week Judge Vinson went into executive session with a group of 26 Senators and House members, and told them it is intended to hold retail milk and bread and other food prices down thru use of subsidies of one form or another. He made a speech on "hold the line."

"You know that the Senate Banking and Currency Committee rejected

(Continued on Page 16)



# Fairs Picture War Effort

Largest Cattle Show in Midwest at Hutchinson

IN TUNISIA I saw American soldiers, their stomach warm with food from the plains of Kansas, going into battle with smiles on their faces." These words, spoken by Milton Eisenhower, president of Kansas State College, explain why Kansas farmers are justly proud of the magnificent displays of food at the Kansas State and Kansas Free Fairs this year.

These fairs, important as they are to the present and future welfare of agriculture in Kansas, had the more important meaning this year of emphasizing the extent to which farmers in the state have been producing the "Food That Will Win the War."

And the people of Kansas were "Fair" hungry, too. This was evident from the record-breaking crowds attending at Hutchinson and Topeka and from the fact that nearly every department at both of the big fairs exceeded the expectations of the fair managers.

At the Kansas State Fair, Hutchinson, they had the largest cattle show to be held in the Midwest this year. Much of the credit for this, said Dr. O. O. Wolf, president, is due to the interest built up thru the years in parish, or district herds. The Kansas State Fair was one of the first in the U. S. to adopt the district herd idea. The result has been bigger showings of cattle and a much higher quality. This year was "tops" for quality in this department.

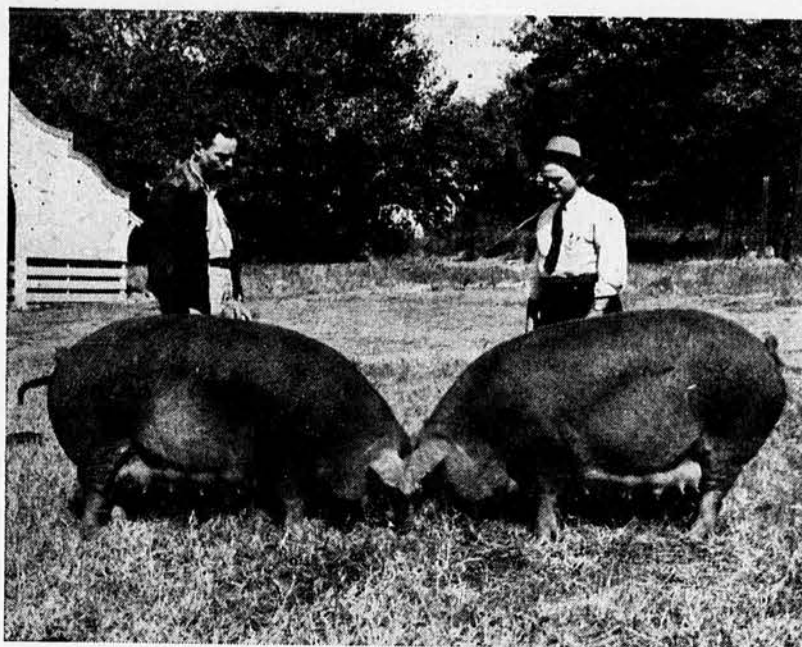
The sorghums and corn exhibits were never better than this year and the quality wheat show, a feature of the Kansas State Fair, produced samples very high in protein; the majority tested 65 and 66 per cent.

"Farmers this year were the least interested in prize money of any year

in my memory," said Preston Hale, superintendent of the crops department at the Kansas Free Fair, Topeka. "Their main interest," he added, "seemed to be pride in keeping the fair as near normal as possible during this war period as an investment for the future."

The very fact that farmers had less need for the benefits of the fairs this year than formerly speaks volumes for the patriotic motives that led them to overcome all the wartime obstacles to make both fairs outstanding successes.

The importance of the 2 big Kansas fairs, in war or in peace, was pointed out by Professor R. I. Throckmorton, head, department of agronomy, Kansas State College, when he said in a radio broadcast at Hutchinson that these fairs "develop the idea of quality crops from growing them on properly cultivated lands; the use of quality (Continued on Page 17)



LaVerne Ross, left, and Howard Wildman, look over Ross' junior yearling Duroc Jersey sows that won third and fourth in the open class at the Kansas Free Fair, Topeka. Mr. Wildman is sponsor and LaVerne a member of the Washburn Duroc Breeders Association.

## Washburn Boys Repeat

By Winning Top Spots at Free Fair

THE Washburn Duroc Breeders Association, composed of vocational agriculture students and alumni of Washburn High School, Topeka, this year repeated its fine performance of recent years at the Kansas Free Fair, Topeka, by winning 7 blue ribbons, 5 red and 1 white. The boys competed mostly in the 4-H classes, but had some fine entries in the open classes.

LaVerne Ross, showing at the fair for the second year, had 2 junior yearling sows that won third and fourth in

the Duroc Jersey open class, a junior boar pig that won second, junior sows that won fifth place and junior boar pigs that won sixth and seventh. In the 4-H class he had first and second place gilts and second place junior yearling boar.

Wendell Blossom, in the first year at the fair, had the grand champion Duroc Jersey barrow in the 4-H class, and his gilts took second and fifth. Byron Cazier got blue and red ribbons on 2 Duroc gilts; Carl Goodrich got sixth and eighth in the fat barrow class and 2 red ribbons on gilts. Keith Goodrich received a white ribbon.

Members of the association raised 20 litters last spring and the litters averaged 36 pounds at weaning time on 125 head. They have about 15 registered sows and gilts farrowing this fall. Howard Wildman, vocational agriculture instructor at Washburn High School, is sponsor of the group.



Wendell Blossom, 16, a member of the association, is proud of his Duroc Jersey barrow, which was judged grand champion in the 4-H Class at the Kansas Free Fair. Wendell also had gilts that won second and fifth. This was his first year in the big show.

## Winner With 2 Breeds

17 Ribbons on Spotted Polands; 10 on Durocs

ONCE in awhile someone shows up at a big fair and completely upsets the "apple cart." Such an example this year at the Kansas Free Fair, Topeka, was Wayne Davis, Mahaska, veteran breeder of Spotted Poland China hogs.

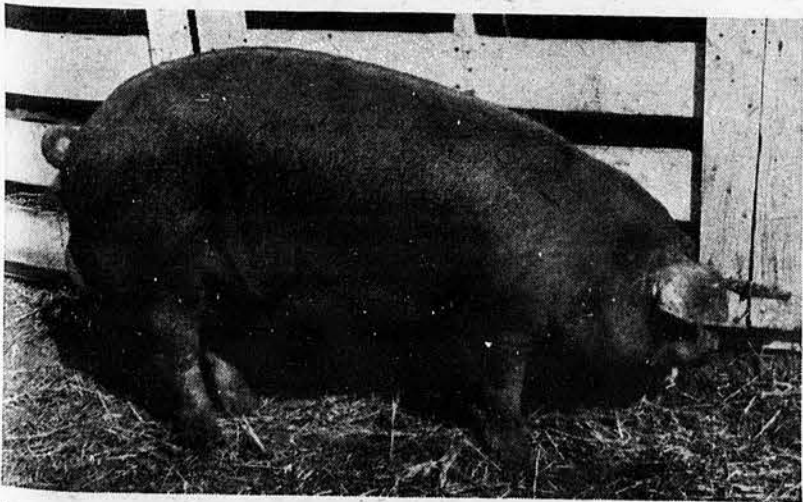
Everyone expected Mr. Davis to show up with a good bunch of Spotted Polands because he always had, but breeders didn't expect to have to compete against him in Duroc Jerseys, too. Yet here came Mr. Davis with good showings of both breeds and proceeded to "go to town" in the two shows.

His Spotted Polands carried off 17 ribbons, which ought to be enough to satisfy most breeders, but the Davis Duroc Jerseys were not far behind. They gathered in 10 ribbons before the fair was over.

In the Spotted Poland show the Davis

hogs took first for boar 18 months and under 2 years; first and second for boar under 6 months; second for sow 2 years old or over; first for sow 18 months and under 2 years; first and second for sow 1 year and under 18 months; first and third for sow under 6 months; junior champion boar; senior champion sow; junior and grand champion sow; first for boar and 3 sows under 1 year; first for 4 animals, any age, either sex, get of 1 boar; and first for 4 animals, any age, either sex, produce of 1 sow.

The Davis Duroc Jerseys won first for boar under 6 months; first and second for sow under 6 months; junior and grand champion boar; junior champion sow; first for boar and 3 sows under 1 year; third for 4 animals, any age, either sex, get of 1 boar; and third for 4 animals, any age, either sex, produce of 1 sow.



Wayne Davis, veteran Spotted Poland China breeder, of Mahaska, surprised everyone at the Kansas Free Fair, Topeka, this year by entering the Duroc Jersey show too, carrying off 17 ribbons with his Poland Chinas and 10 with his Duroc Jerseys. Above is Davis' "Duffey's Gold Dust," chosen junior and grand champion boar in the Duroc Jersey show.

## Geary 4-H'ers Win Again

AFTER 23 consecutive years of taking an active part in the Kansas Free Fair, Topeka, Paul Gwin, Geary county agricultural extension agent, has lost none of his enthusiasm or efficiency.

During the 5 years he was in Morris county and the 18 he has been in Geary, he has never failed to have at least one 4-H Club booth at the fair, and sometimes has had as many as 7. Prize money won on the booths is used as a fund to pay club members' expenses to the state fairs and other festivals and camps. This year a dozen 4-H'ers attended the Free Fair with money from the booth fund.

"There is nothing more educational for youth than a few days at a state fair, says Mr. Gwin, who hovers over his charges like a mother hen over her brood of chicks. As a result, the boys and girls under his supervision have a habit of winning with monotonousness to other clubs—regularity.

To get some idea of how efficient Mr. Gwin is you have only to read the newspaper headlines during the fair. This year they read: "Feed Sorghum, Pleads Blue Ribbon Booth from Geary County"; "Geary County Boys Get Top Poultry Honors at the Kansas Free Fair"; "Geary County Team Wins First Place Judging Livestock." That's the way it goes when Paul Gwin and his young folks are around.

Roy Shoffner and Edward Rogers, of Gwin's group, took both the champion and reserve champion pen honors in the 4-H Club poultry division. With a total of 1,901 points, the Geary county

livestock judging team won that event and Albert Morgan, member of the team, also won first place in the individual contests.

The biggest thrill in life to Paul Gwin, who now is teaching children of some of his early 4-H members, is seeing them go out of 4-H Club work and become top-notch farmers in Geary county. He never loses interest in them or their welfare, which no doubt is one of the major factors in his continued success.

## "Masters" Were Guests

One of the largest groups of Master Farmers and Master Farm Homemakers ever to attend the Kansas State Fair, at Hutchinson, were guests of the fair management and the Hutchinson Chamber of Commerce Tuesday, September 21. A total of 64 answered the roll call, which was the largest number in the history of these meetings, according to Fred Laptad, of Lawrence, a member of the first class of Master Farmers to be chosen.

Members of the group were welcomed to the fair by Gene Conklin, assistant superintendent of admissions, who also presented those present with complimentary tickets to the day's activities. Master Farm Homemakers met at noon for a luncheon on the grounds, and all Master Farmers and Master Farm Homemakers were guests in the evening at a dinner in downtown Hutchinson. Governor Andrew F. Schoeppel, in Hutchinson for "Governor's Day," was main speaker at the banquet.





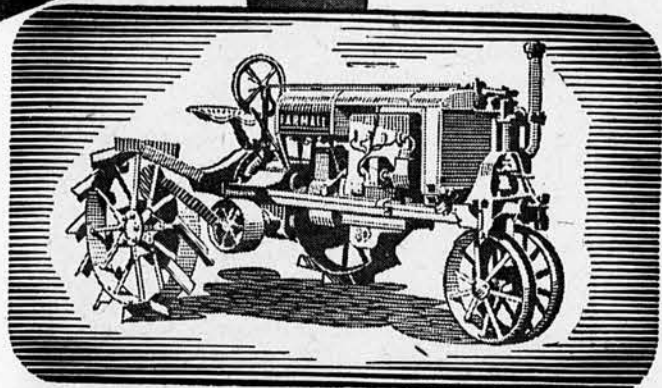


# 20<sup>th</sup> Birthday



## OF THE FARMALL

### and the Farmall System of Farming



#### The Original Farmall - Born in 1923

FOR TWENTY YEARS the Farmall IDEA has been the foundation for *all* experiments in general-purpose tractor design....

TODAY 4 sizes of modern FARMALLS—the sturdy “A” and “B”, and the big powerful “H” and “M”—with special machines and tools for every crop, operation, and season, fight the battle for food.

In 1923 came FARMALL, the first true all-purpose tractor . . . the farm power unit designed from the soil up . . . the tractor that started from the implement end.

Harvester built it, based on EXPERIENCE—and that made SENSE!

After 1923, the call for farm power really swept the nation. It was Farmall that made the old dream of horseless farming come true. Here was the tractor that did almost everything. From every state came comments like these: “Not a horse or hired man on my place” . . . “At least  $\frac{1}{3}$  cheaper to farm this new way” . . . “My Farmall works in crooked rows where a snake would get lost” . . . “My two boys, 13 and 11, do anything that I can do with it.”

Pretty soon there were a hundred thousand, and then a half-million Farmalls. Today there are more Farmalls producing food on American farms than all other makes of general-purpose tractors combined.

When war struck our nation, a Farmall army, with an infinite number of working tools, went into battle. The greatest food crisis in our history was at every farm gate—and the Farmall System was ready!

So we mark the 20th Birthday of this most popular of all tractors. There's a proud record of progress between the old “Original” of 1923 and the streamlined red Farmalls of today—endless improvements in power and machines. Today millions know that Farmall is the ideal power for any farm, whatever the size. Farmall showed the way, and *will* show the way when the boys get home.

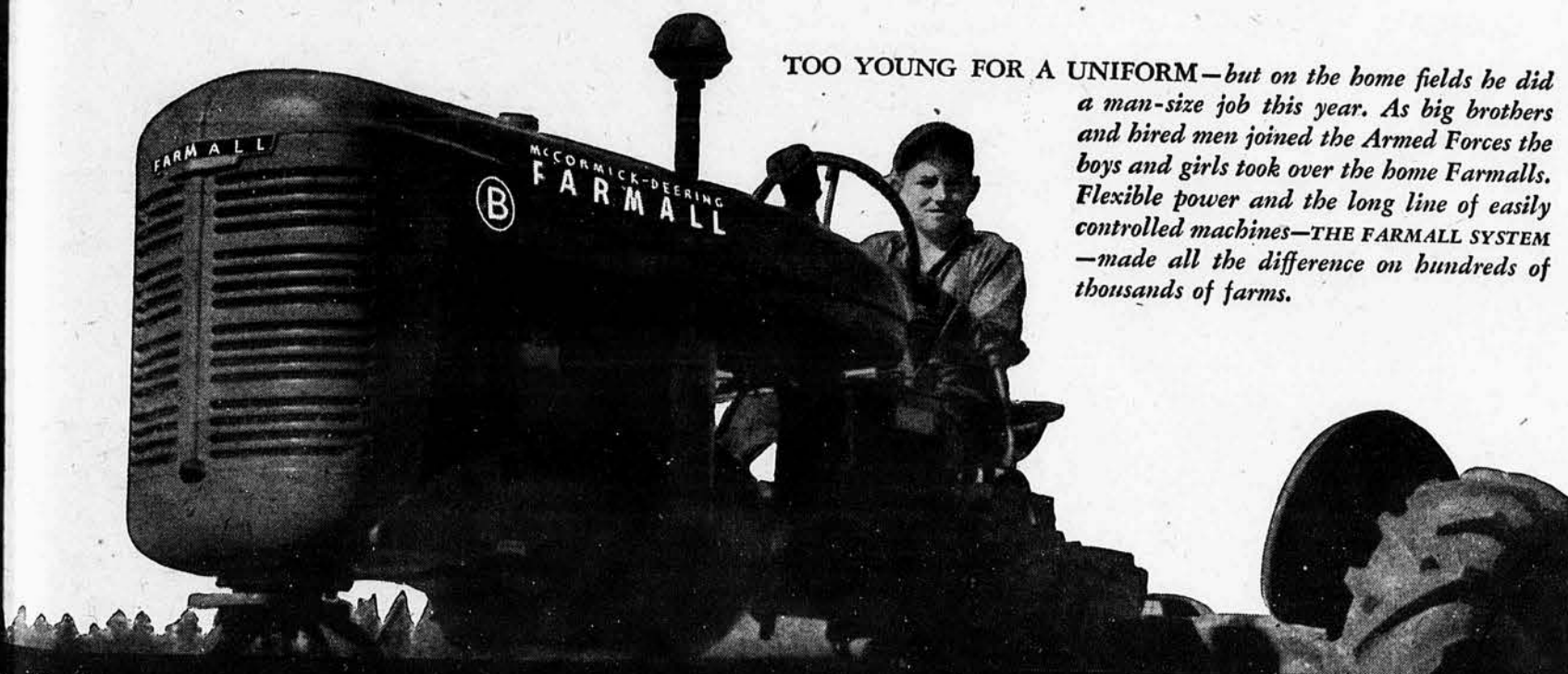
Farmall and International Harvester are pledged to the faithful service of that great American institution—the family farm.

**INTERNATIONAL HARVESTER COMPANY**  
180 North Michigan Avenue Chicago 1, Illinois

★  
**FOOD fights for FREEDOM**  
and the  
**FARMALL fights for FOOD**



TOO YOUNG FOR A UNIFORM—but on the home fields he did a man-size job this year. As big brothers and hired men joined the Armed Forces the boys and girls took over the home Farmalls. Flexible power and the long line of easily controlled machines—THE FARMALL SYSTEM—made all the difference on hundreds of thousands of farms.



## FARMALL Leads the Way TODAY



## You Women Who Suffer From HOT FLASHES then CHILLY FEELINGS

If you—like so many women between the ages of 38 and 52—suffer from hot flashes, weak, nervous irritable feelings, are a bit blue at times—due to the functional middle age period peculiar to women—try Lydia E. Pinkham's Vegetable Compound—to relieve such symptoms.

Taken regularly — Pinkham's Compound helps build up resistance against such distress. It also is a fine stomachic tonic. Follow label directions.

**LYDIA E. PINKHAM'S VEGETABLE COMPOUND**



You'll agree that Clean-Easy Milker saves time and labor. It's easy to operate, easy to keep clean, easy on "bossy". It's easy for Dad, too—because the youngsters can do the milking with Clean-Easy. Write Ben H. Anderson Mfg. Co., Madison 3, Wis. Dept. 30.

See Your **CLEAN-EASY Dealer**

**BUY U. S. WAR BONDS!**

## Save Fountains and Feeders

By MRS. HENRY FARNSWORTH

WE HAVE been picking up the drinking fountains and feed hoppers that we used for the young chicks, and storing them in a dry place. Most of those we used this year have seen several years of service and are good for several years more if we take care of them as we should. They are made of tin and we have learned their value now that new tin fountains are not to be had. We have always made it a practice to store our chick fountains and feeders away during the season when they are not in use, but this year we will take a little extra precaution by seeing that they are thoroughly cleaned so there will be no places to rust or no acids that will eat the galvanized coating.

A manufacturer of equipment says that when feed troughs are washed and placed in the sunlight that new protective zinc salts form on the zinc coating and protect its service life. For washing troughs a broom or brush is best. Avoid scraping with a hoe or metal that will destroy the zinc coating. If troughs have been bent they usually can be hammered back in place by being careful. Then if painted with a good grade of enamel, the feed

troughs can be made to last several years.

The brooder stove also should be cleaned thoroughly and stored during the winter. The thermostat is the main part of the brooder stove. Most of them are of the wafer type. These should be removed from the regulator, wiped with an oil rag and stored. Oil brooders should have the soot and carbon removed, and oiled inside and out with motor oil or crankcase drainings. Coal or wood burning brooders should have the pipe cleaned and stored and all ashes should be removed. The canopy should be stored along with the stove so that it will not get rusted or damaged. It is recommended that painting the canopy, especially the wartime kind, will add to its life.

For prolonging the life of waterers a manufacturer of tin equipment gives these suggestions: "Have the water fountain or pail off the floor so that air will circulate underneath. It may have a regular stand, or bricks or blocks of wood may be used. This helps prolong the life of the waterer and helps keep the drinking water clean. Waterers should never be allowed to freeze. It may ruin them entirely or at least damage them greatly, as the pressure is too great on the seams. If fountains are cleaned frequently and allowed to dry thoroughly for several hours, protective zinc salts form that retard corrosion and make fountains last longer. If one uses a strong disinfectant the fountain should be rinsed well in clear water. The wartime fountains do not have as heavy a galvanized coating as formerly and it is more important to give them the best of care."



Mrs. Farnsworth

## School Lunch Menus

To help the busy housewife who now has lunches to pack we prepared a bulletin containing 19 school lunch menus, also recipes for hot dishes and cookies. The leaflet suggests selection of the proper kind and amount of food and the serving of it. Anyone interested in having a copy may address Farm Service Editor, Kansas Farmer, Topeka. It is free.

"A reduction of animal protein breeding rations resulted in low fertility and poor hatchability of eggs," says Mr. Shoemaker. Other factors limiting the crop this year were flood in the Midwestern, cold wet weather in the Southern, and a late spring in the Northern tier of counties in the state, all of which delayed egg laying, hatching and caused considerable losses from disease, exposure and drowning.

Recent estimates indicate that 10 per cent of this year's turkey crop move in October and 52 per cent in November, which is about normal. There will be slightly more turkeys marketed after Christmas this year than last due to the late hatch, poult and slower growth, for which the feed situation is at least partly responsible, reports the economist.

## Our Patriotic Poultry

Kansas Farmer readers who desire to emphasize patriotism in the poultry yard might investigate the merits of the only fowl that carries the color of the American flag. Yes, there is a bird, altho little known on farms in the Midwest. It is the Blue Andalusian, a native of sunny Southern Spain, many years ago established in the U. S. A. and admitted to the Standard of Perfection. With its slaty-blue plumage, red single comb and white wattles the Andalusian is a striking beautiful fowl. Larger than most of the Mediterranean breeds the Andalusian is a prolific producer of white eggs, is gentler than the Leghorn, Ancona or Minorca, and stands confinement well. Males are stately in appearance altho a bit long-legged and awkward. Altho classed as non-sitters females are more broody than smaller, egg-producing varieties.

One of the chief reasons the Andalusian never has gained popularity in this country is that despite the effort of fanciers it does not breed true to color. "Sports" that are frequently appear as well as pure white chicks. But when the Andalusian does breed true to color, the outer edge of each feather laced with dark blue, it is truly beautiful. Eggs are uniform in size, pure white and almost large as those of the Minorca. Fertility usually is high. While not recommending the Andalusian for general farm or commercial flock use it will produce an acceptable variety for home production. And before the flock owns every day will be the living colors of the American flag.

## Raising Rabbits

Rabbits as well as poultry are now being raised extensively for meat because of the meat problem of the war emergency. A recent publication by the Fish and Wildlife Service, U. S. Department of the Interior, tells of the best breeds for meat, the building of hutches and equipment, space required, feeding and care and other interesting facts. A post card request for the bulletin, addressed to Farm Service Editor, Kansas Farmer, Topeka, will receive prompt attention.

# NON-SHOCK WORMING

## THAT GETS MORE WORMS

**ROTA-CAPS GET**  
Intestinal Capillaria Worms  
Large Roundworms  
Tapeworms (heads and all)  
AS LISTED ON THE LABEL

### Dr. Salsbury's Rota-Caps GET THE WORMS ... But They Don't Knock Egg Production

The more worms you get, the more you help your hens lay. Worm with genuine Dr. Salsbury's Rota-Caps. Rota-Caps do an extra thorough worming job, get the worms as shown above with an effective but gentle action. Rota-Caps don't make birds sick—don't knock your egg production.

#### WHY ROTA-CAPS SAVE EGGS

Rotamine, a Dr. Salsbury drug discovery found only in Rota-Caps, stops toxic after-shock. That's why Rota-Caps are called the "non-shock" wormer. Easily administered; each contains proper dosage. Cost no more, so take no chances on rough-action treatments. Worm your flock with genuine Dr. Salsbury's Rota-Caps for safe, thorough worming!

**ROUNDWORM YOUR FLOCK EASILY** with Dr. Salsbury's AVI-TON. Gets large roundworms and cecal (or pin) worms. Gives plus benefits: seven extra supportive drugs give birds a "lift."

**DOUBLE-DUTY Drinking Water Medicine.** Dr. Salsbury's PHEN-O-SAL. 1) Checks germ growth in drinking water. 2) Medicates birds' digestive systems. For birds of all ages.

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



Buy from hatcheries, druggists, feed, produce dealers who display this sign. If no dealer's near you, mail order to:

**DR. SALSBUARY'S LABORATORIES**  
Charles City, Iowa

BE SURE  
TO GET  
THE  
Genuine

# Dr. Salsbury's ROTA-CAPS

The Only Poultry Wormer Containing Rotamine

## Will Drop Embargo

Stating that the armed forces soon will have purchased the 1,700,000 pounds of turkey needed for overseas shipment, state supervisors of the FDA announces that the outlook is good for lifting the embargo on civilian purchases early in October.

"We are now certain," they say "that the American soldiers and sailors overseas will have turkey to eat for their Thanksgiving dinners."

However, this doesn't mean a let-up in early marketing. WFA is urging farmers to market their turkeys now so they will be overseas in plenty of time.

## Hold Turkey School

Special instruction in turkey grades and grading methods will be given prospective graders and turkey producers at a school to be held October 5 and 6, at the Concordia Creamery, in Concordia.

Sponsored by the Extension Service and the Food Distribution Administration, the school will provide training for graders who wish to obtain Federal-State licenses, and instruction for producers who desire to learn about grading so they may take advantage of official ceiling prices based on Federal grades.

Students must pass a rigid examination to obtain a license for grading. Once licensed, the grader works under supervision of Federal-State authorities in each state. Last year more than 70 million pounds of turkeys were graded following the schools conducted in various states.

Government grading of turkeys or any other commodity, say those in charge of the school, means protection for the producer, the dealer and the consumer.

## No Turkey Increase

The 1943 intentions of turkey growers to increase their crop by 12 per cent will not be realized, says Karl Shoemaker, marketing economist of Kansas State College, who reports the crop will be about the same as last year.



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**Industry is helping win the war...  
industry must help build a peacetime world**

**After the war is decisively won...  
what kind of world is essential for a just and durable peace?**

This question is being asked today everywhere in the world. No expert is needed to tell you the answer.

It must be a world as peaceful and neighborly as your own town; a world in which decent people can bring up their children decently. It must be a busy world where factories and farms are working and where there are jobs for all.

How can such a world be brought into being? The surest way is to think and talk about it. Full and complete discussions on the porches of this country, over its fences, in churches, schools, clubs, and always at meals—that is how the terms of A JUST AND DURABLE PEACE can be formulated.

In your discussions keep in mind this fact; your terms of peace must be such that the people of other lands can agree with them. There must be provision in your plans for sustained production and for consumption of that production.

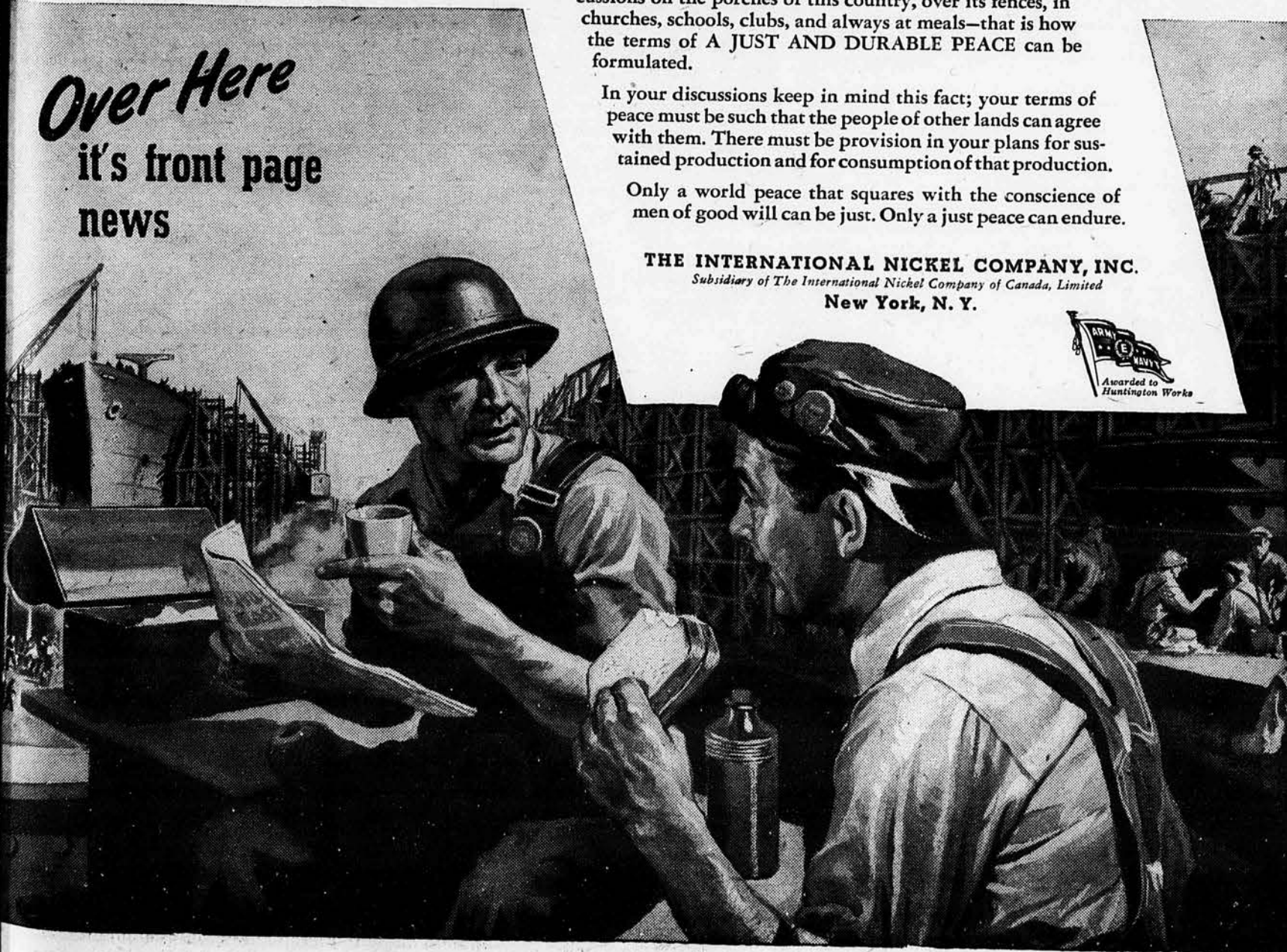
Only a world peace that squares with the conscience of men of good will can be just. Only a just peace can endure.

**THE INTERNATIONAL NICKEL COMPANY, INC.**  
Subsidiary of The International Nickel Company of Canada, Limited  
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**Over There  
it's in every  
fighting man's thoughts**

**Over Here  
it's front page  
news**





# PICKLES

## & for

### Zip and Zest!



Next winter when some foods may be scarce, and others rationed, delicious homemade pickles will be welcome and helpful in adding zip and zest to wartime menus.

**T**HE nutritional yardstick gives no recognition whatever to pickles, for the simple reason that pickles can't be classified with any one of the 7 basic groups of food we need to include in our daily diet for good health's sake. We might as well admit it—pickles aren't necessary—we could get along very well without them, nutritionally speaking.

But when it comes to palate appeal, oh, that's something entirely different! That's where pickles "shine" and have it all over the good-for-you foods. They've always played an important part in menu-making. They are full of zip and zest and afford a tart, crisp contrast to the bland, soft foods which make up the bulk of our diet. They add interest to meals which, because of shortages of this and that, are daily becoming less varied in composition. So every homemaker will want to can at least a few jars of pickles and relishes. They help make menus attractive at any time, but next winter when some foods may be scarce, and others rationed, delicacies such as homemade pickles will be especially welcome and helpful in adding zest to wartime menus. The end-of-the-season vegetables, remaining after you have canned as many as you wish, will produce a variety of these old-fashioned sweet-sour "pep-er-uppers" to tuck away on your shelves to enjoy all winter long—and gosh, how everybody does like 'em!

If you have late snap beans, and likely you do, we recommend your trying this recipe for pickled beans.

#### Pickled Snap Beans

- |                                   |                             |
|-----------------------------------|-----------------------------|
| 6 pounds snap beans               | 1 tablespoon mustard seed   |
| 3 quarts vinegar                  | 1 or 2 chili peppers        |
| 1½ cups firmly packed brown sugar | Horseradish root (optional) |
| 1 tablespoon celery seed          |                             |

Use fresh, tender beans, and snip off ends. Soak overnight in cold brine to cover, using ¼ cup salt for each quart of water. Drain and rinse in cold water. Pack in sterilized jars.

Bring vinegar, sugar, spices to boil and fill jars. Seal at once. If horseradish root is used, place a small piece in each jar.

#### Melon Pickles

- |  |                              |
|--|------------------------------|
| 4 pounds (3½ quarts) prepared melon rind | 1 quart vinegar              |
| 6 tablespoons salt                       | 6 cups sugar                 |
| 2 quarts cold water                      | ¼ cup whole cloves           |
| 1½ quarts boiling water                  | ¼ cup whole allspice berries |
| 10 1-inch sticks cinnamon                |                              |

To prepare rind, select firm but not overripe melon. Remove skin and pink flesh from rind. Cut rind in 1- by ½-inch pieces and weigh or measure. Soak rind overnight in cold water to which salt has been added. Drain and cover with fresh water and cook 8 to 10 minutes and drain. Mix boiling water, vinegar, sugar and spices tied in cheesecloth and bring to a

boil, stirring until sugar is dissolved. Cook minutes, add rind and cook until fruit is transparent, about 45 minutes. Remove spice bag. Pour into hot sterilized jars and seal immediately. Yield: About 2 quarts.

#### Pickled Squash

Use same ingredients in melon recipe, substituting sliced squash for melon rind. Soak overnight in salted water, drain and rinse in cold water. Cook 10 minutes in fresh water, drain and remove seeds. Continue according to directions for melon pickles.

There is little wonder that this popular member of the pickle family goes to so many dinners, for it is good company on any menu.

#### Bread and Butter Pickles

- |                                 |                            |
|---------------------------------|----------------------------|
| 25 to 30 medium-sized cucumbers | 5 cups vinegar             |
| 8 large white onions            | 5 cups sugar (2½ pounds)   |
| 2 large sweet peppers           | 2 tablespoons mustard seed |
| ½ cup salt                      | 1 teaspoon turmeric        |
|                                 | ½ teaspoon cloves          |

Wash cucumbers and slice as thin as possible. Chop onions and peppers; combine with cucumbers and salt; let stand 3 hours, and drain. Combine vinegar, sugar and spices in large preserving kettle, bring to boil. Add drained cucumbers; [Continued on Page 13]

## ..Dressing Table for a Little Lady.

**E**VERY girl, even a tiny one, loves a dressing table! Especially if it's pink and frilly. A child's dressing table we saw recently was up in a little attic bedroom, but it was a lovely thing and thrilled immensely the youngster for whom it had been fixed.

The room was papered in a pink-rose pattern; the small wooden bed was painted pale pink as was the wardrobe built from plywood with drawers in one side and space for hanging clothes in the other. There was just room for the little dressing table and stool—and they would be so easily duplicated.

The table top was a kidney-shaped board to which were attached 4 one-by-one wood strips for legs. A child's small stool camouflaged in a full, gathered flounce served as the dressing table chair.

The table and stool are draped in the same inexpensive pink scrim as the curtains with an underskirt of pink sateen. Once and a half the distance around the top is adequate fullness for both table and stool. The top of the skirt sections are stitched to 4 thicknesses of 3-inch

strips of buckram cut to fit which are then covered with a closely shirred band—twice as full as the skirt sections—made of strips of pink and blue taffeta sewed together. Stitching done only along the top edge.

The skirts are fastened to the table and stool with tacks hidden beneath the shirred band which, being stiff, stand up enough to conceal the edge of the table front and the edge of the stool.

Pink oilcloth cut to fit, the edges pasted down, covers the top of the table and a small round oilcloth cushion covers the top of the stool. A small plain mirror hangs just above the table.

The dressing table may be made in any dimensions so that the child can reach it comfortably when seated, and draped in any color or material to match or harmonize with the rest of the room. Not only is a dressing table a pretty addition to a little girl's room, but it encourages early a simple daily beauty routine which makes for good looks in adolescence and later life.—Katherine Dissinger.



## Cake-and-Candle Plate

By HOMEMAKER

When the youngsters are small and the anniversary years in the lower number range, placing the candles on the cake isn't much of a problem; there's not much interference with the decorations. As time goes by, and we must add more candles the effect produced is not all we desire. At our house, we have solved this problem by making a "cake-and-candle" board. It was cut from 1/2-inch material with a diameter of 15 inches. Holes to take small candles were bored around the edge of the circle, about an inch from the edge. The board was finished with enamel, and darker bands of the same color "trim" the holes (flower sprays might be used) and edge of the board. This accommodates a good-size cake, decorated to suit one's whim, with no mounted candles to detract from the design. It's no trick at all to space the desired number of candles evenly around the cake. Too, they can burn as long as desired with no wax dripping to mar the icing.

## Pickles for Zip and Zest

(Continued from Page 12)

heat thoroly but do not boil. Pack while hot into sterilized jars and seal.

Until frost you'll have green tomatoes coming on and they are never better than in piccalilli.

### Piccalilli

- |                        |  |
|------------------------|--|
| 1 quart green tomatoes | 1/2 small head of cabbage                    |
| 1 pint red tomatoes    | 2 sweet red peppers                          |
| 1 bunch celery         | 1/2 to 1 pound brown or white sugar          |
| 1 sweet green pepper   | 1/2 teaspoon each ground mustard and cayenne |
| 1 large mild onion     |  |
| 1 ripe cucumber        |  |
| 3 cups vinegar         |  |
| 1/2 cup salt           |  |

Chop the vegetables, place in enamel kettle in layers with the salt and let stand overnight. Drain well, pressing the cloth so that no liquid remains. Bring vinegar, sugar and spices to the boiling point; add the drained vegetables and simmer (185° F.) for about an hour. Vegetables should be clear. Do not allow to boil. Seal in hot sterilized jars and store in a cool place.

Here's another recipe to turn your green tomatoes loose on! Requests have come in asking for sandwich spreads, so perhaps you, too, even if you haven't written, will welcome this one:

### Green Tomato Spread

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1 1/2 cups green tomatoes, ground | 1 cup cold water                  |
| 3/4 cup ground carrots            | 3 tablespoons dry mustard         |
| 1 cup ground cucumbers            | 3 tablespoons flour               |
| 1 green sweet pepper, ground      | 1 teaspoon salt                   |
| 1 red sweet pepper, ground        | 3 tablespoons butter or margarine |
| 1 onion, ground                   | 2 egg yolks                       |
|                                   | 1/2 cup water                     |
|                                   | 1/2 cup sugar                     |
|                                   | 1/2 cup vinegar                   |

Add the water to the combined vegetables and cook until tender. Blend together flour, mustard, salt and butter. Add egg yolks, beaten until lemon-colored, and water, sugar and vinegar. Cook over hot water, stirring constantly, until thickened.

Drain the vegetables and combine with the dressing. Pack the spread into

hot, clean jars and process for 30 minutes in a boiling-water bath.

For a relish that is easy to make, nothing outranks this pepper relish. Next winter when you want thousand island dressing for your salad, spice up mayonnaise with this relish, and there it is. Aladdin would spend more energy rubbing his wonderful lamp!

### Pepper Relish

- |                   |                    |
|-------------------|--------------------|
| 12 red peppers    | 2 cups vinegar     |
| 12 green peppers  | 1 1/2 cups sugar   |
| 12 onions, peeled | 2 tablespoons salt |

Split the peppers and remove the seeds. Chop peppers and onions coarsely, cover them with boiling water and let stand 5 minutes. Drain. Cover again with boiling water and let stand 10 minutes. Drain. Combine remaining ingredients and boil for 5 minutes, add vegetables and boil together 10 minutes. Pack in hot sterilized jars; seal. Makes 2 pints.

Everyone likes mustard pickles! This recipe will give you 7 pints to bring out on worthy occasions.

### Mixed Mustard Pickles

- |  |                         |
|--|-------------------------|
| 1 medium-sized cauliflower                 | 1 cup salt              |
| 3 green peppers                            | 6 cups water            |
| 2 cups pickling onions                     | 6 cups vinegar          |
| 2 pounds green tomatoes or diced cucumbers | 2 cups granulated sugar |
| 2 cups real small cucumbers                | 2 teaspoons celery seed |
| 4 cups unpeeled cucumber slices            | 1/2 cup flour           |
|  | 1/2 teaspoon turmeric   |
|  | 1 1/4 cups dry mustard  |

Cut cauliflower into small flowerets. Wash peppers, remove seeds and membrane. Slice one fourth inch thick. Scald and skin onions. Wash and cut tomatoes in eighths. Mix all of these together with the salt dissolved in 4 cups of the water. Let stand overnight in the brine. In the morning, bring the vegetables to the boiling point in this brine and then drain. Mix flour, mustard, turmeric with the remaining 2 cups of water. Stir free of lumps. Heat vinegar, sugar and celery seed together. Gradually stir into the mustard mixture and bring to boiling point, stirring constantly. Add hot vegetables, cook for 20 minutes. Fill hot sterilized jars with hot pickles. Seal at once.

Now that the pickling bug has bitten you, why not use some of your late corn to make a spicy relish?

### Corn Relish

- |                              |                      |
|------------------------------|----------------------|
| 7 1/2 cups corn              | 1 cup brown sugar    |
| 7 1/2 cups chopped cabbage   | 1/4 cup dry mustard  |
| 2 sweet red or green peppers | 1/2 tablespoon flour |
| 1 tablespoon salt            | 1 quart vinegar      |

Use sweet corn, as freshly gathered as possible. Cut from cob, using a sharp knife. Scrape pulp from cob. Add it to kernels. Chop cabbage fine, first cutting it from the head in thin shreds and then chopping it crosswise. It is better not to put it thru the food chopper. Chop peppers fine. Both red and green may be used, giving a nice color to the relish. Mix vegetables.

Measure brown sugar, put in preserving kettle. Add salt, dry mustard and flour. Mix together well. Stir in vinegar slowly. Heat to boiling, stirring constantly at first. Add vegetables. Heat back to boiling and boil 20 minutes. Turn into clean, hot jars, seal with lids or with paraffin.

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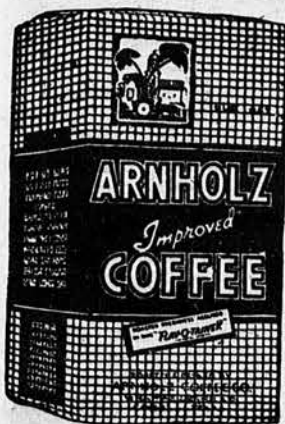
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## BUY WAR BONDS

## Does Plowing Help or Harm?

(Continued from Page 1)

it compressed with some 150 pounds of weight a vertical column of soil directly beneath the bottom of the track it made. This compression served to reconnect the soil particles. Pressing these particles together again restored what we may call the 'wicking action' of the soil, enabling capillary water to rise without interruption to the bottom of the marker track."

From his experiments and from his observations over many years, Mr. Faulkner concluded that plowing destroys the normal capillary action of the soil, leaves the surface exposed to wind and water erosion, and places green manures too far under the sur-

face, where they act as a blotter, preventing subsurface water from reaching the majority of plant roots.

He is sure, on the basis of his results, that abandonment of the moldboard plow would result in bigger and better crops—without artificial fertilizer, lime or insecticides. He thinks his method would conquer insects because "bugs attack only weak plants just as germs attack weak humans," and weeds because they would be destroyed as they come and their seeds would not be buried and stored for future trouble.

Kansas State College Experiment Stations have been experimenting with a modified form of the Faulkner theory, as have several other states in this area. In Nebraska they call it "sub-surface tillage" and in Kansas it is known as "stubble mulch" farming.

Those college experts and farmers we have talked to about this new theory of farming think it has a lot of "horse sense" up to a certain point. Farmers like George Whitcomb, Chase county, Perry Sharp, Johnson county, and many others in the eastern third of the state, have been using this idea successfully for a number of years in establishing pasture crops.

"Nature doesn't plow, so why does man?" asks Author Faulkner. Agronomists and farmers in Kansas reply that to plow or not to plow depends upon the crop involved. The theory of trash farming would not apply so well to cereal crops, they claim.

### Must Have Cultivation

L. P. Reitz, agronomist at Kansas State College, points out that crops like wheat, corn and other cereals were developed by man, not nature, and that they are constantly in competition against self-seeding weeds and grasses. "Their very existence depends upon a type of cultivation that will encourage their growth while killing out or holding back the types of plants that flourish without cultivation." The entire theory of modern cultivation is based on aiding man-produced plants in their fight against those more favored by nature.

In certain areas of the Kansas Wheat Belt, leaving the wheat stubble on top of the soil would be "all this and heaven too" for the Hessian fly, which would enjoy a field-day development in the fall of the year.

In reporting on wheat field cultivation experiments in this area, Professor R. I. Throckmorton, of Kansas State College, stated that "Stubble-mulch tillage differs from duckfoot and chisel types in that crop residues are undercut with sweep or blade implements and all of the residues are left on the surface to serve as a mulch.

"In addition to the studies at the experiment stations, the Soil Conservation Service has established a number of field trial studies with stubble mulch for the purpose of observing and measuring in crops yields the effect of stubble mulch under field conditions, and for the purpose of studying the operation of stubble-mulch-tillage equipment under farm conditions.

"At Akron, Colo., the crop residues on plots that were subsurface tilled for fallowing shortly after harvest in 1940, blew away during the following winter. A similar experience was encountered at Garden City during the winter of 1941-42. If experiences of this type become frequent, it will be necessary to discontinue all tillage operations during the summer and fall on land that is to be fallowed under the stubble-mulch system.

"It has been difficult in many areas to prepare a firm seedbed for wheat on stubble-mulched land. This difficulty may be overcome to some extent by use of subsurface types of packers, but during some seasons the loose soil will become so dry by wheat-seeding time that germination will be materially delayed.

"The sweep and blade types of im-

plements have not been effective in destroying weeds and volunteer grain under some conditions. If the land is tilled relatively deep and precipitation occurs within a few days, most of the plants on the land will continue to live.

"The difficulties being encountered in operating the stubble-mulch-tillage equipment indicate that it may be necessary to change the design of some of the implements before they will be accepted by many farmers.

"Some of the operation difficulties encountered include clogging, lack of control in depth of cultivating, and failure to destroy weeds in loose soil."

Continuing his report, Professor Throckmorton says, "The principles underlying stubble-mulch tillage appear to be sound, but the final proof of the value of the method in the light rainfall regions will be its acceptance by farmers. Value may not be reflected immediately in increased yields and, therefore, may be overlooked. Immediate benefits may be reflected in the influences on the condition of the surface soil by checking the rate of flow of water across the field and by reducing erosion by wind and water.

"Specific information is needed on these factors and also on the influence of stubble on the infestation of insects and on biological processes in the soil."

### Defends the Plow

It remained for William A. Albrecht, of the department of soils at the University of Missouri, to come to the defense of plowing and to give some of the scientific facts for backing up this long-time farming practice.

Writing in a recent issue of "Better Crops With Plant Food," Mr. Albrecht points out that plowing puts "life" into the soil factory. "When a 40-acre cornfield under maximum growing activity in July is burning to form carbon dioxide, the carbon equivalent of that used in running a steam engine of 40 horsepower, can anyone deny the necessity of air for such a performance," he asks. "Surely no one will close the draft and destroy such producing power by refusing to plow."

Plowing not only allows the soil to "breathe" but also gives added draft to hasten the plant cycle of growth, death and decay, writes the author. "That plowing improves the efficiency of the soil, not only for oxidation of carbon, but also as a nitrogen oxidizing factory to deliver this latter element in the form of available nitrates, is known to those familiar with the more recent developments in soil science.

"Crop yields follow the level of nitrate supplies and the crop depends on the rate of delivery of the soil fertility. The farmer's inability to point out the underlying scientific channels through which the effects of plowing are transmitted to the crop does not put the plow into bad repute," says the author.

"Continued and excessive cropping, along with the product removal reduce the output of the nutrients left over in soluble form by microbial activity," writes Mr. Albrecht. He goes on to tell how the nitrates are brought to a low level in June just before the harvest of a wheat crop, then are built up again after July plowing.

"For wheat, plowing in July makes a better crop, but the same operation in September makes a poorer one. Can we then blame the plow when the same performance in turning the soil is both good and bad for the crop, all within the short time of 3 months?"

While admitting that there has been too much plowing and that different soils and rainfall areas should have some governing effect on its use, Mr. Albrecht claims there are many scientific bases for plowing. They include those concerned with soil fertility, plant nutrition, soil mineralogy, colloid chemistry, animal physiology, soil, and other aspects of science not considered closely connected with soils until after 1910. "All these," says Mr. Albrecht, "can support the farmer in his art of plowing and can give a scientific answer to the question—why plow?"



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## Feeder Cattle Jolt

Shipments of feeder cattle into the 8 Corn Belt states in August were 10 per cent below August, 1942, and 14 per cent below the total for the 5 months, April-August, last year, says the Livestock and Meat Council, which predicts, "Ours will be a beef hungry nation by spring unless quick remedial steps are taken."

What is essential, says the council, are stable and firm plans by the Gov-

ernment to restore confidence in the cattle breeding and feeding business, and especially for meat management, as devised by the livestock and meat industry, to be put in complete operation.

## Quit Castor Beans

Farmers in Eastern Kansas who have been growing castor beans as a patriotic war crop for the last 2 years, will be relieved by the announcement of Lawrence Norton, chairman of the Kansas U. S. D. A. War Board, that the castor bean program is being dropped.

Reason for the sudden change in plans is the improved import conditions from Brazil, where castor beans grow wild. Kansas farmers are relieved because castor beans require a lot of hand work at a time when help is almost impossible to get.

## Invite Stockmen

Kansas stockmen and farmers interested in improving their range grasses and in further increasing beef production are invited to meet at the U. S. Southern Great Plains Field Station, 1 mile southwest of Woodward, Okla., Saturday, October 9, at 9 a. m. Central War Time, for a study of comprehensive grass experiments, and for an inspection of grazing, regrassing, brush control, range reseeding and other range improvements.

There will be a big barbecue lunch and noon program, with several prominent speakers, and tours of inspection of grass work and beef cattle.

## Harvest Record Crop

Irish potato production is forecast by WFA at 443 million bushels, 72 million bushels above last year and 80 million bushels above the previous 10-year average.

About 113 million bushels of this year's crop were disposed of by September 1, with 330 million bushels left as reserve. The quantity available for consumption after September 1 is 50 million bushels above normal.

## Boost Serum Output

Serum used in combating hog cholera now is being made in record-breaking quantities, announces the U. S. Department of Agriculture, which says, "The current unprecedented output of serum is a distinct national asset, as it represents large-scale protection of the vast number of hogs now being produced."

According to the department records, more than 1,700,000,000 cubic centimeters of serum were made during the period July 1, 1942, to June 30, 1943.

## Broomcorn Shortage

A shortage of 10,000 tons in this year's total crop of broomcorn has led the OPA to slap on ceiling prices of \$300 a ton for shed-cured and \$250 a ton for other broomcorn. Except for a large part of the Illinois crop and that grown in the Lindsay district of Oklahoma, most of the broomcorn is rick or field cured, and therefore will take the lower of the 2 ceilings.

The new ceilings will apply to all sales and deliveries regardless of previously made contracts at higher prices, the OPA said.

## Ease Up on Sacks

The users' quota restrictions on purchase of new burlap bags have been removed, according to the WFA. The new order, releasing bags for packaging all agricultural products except fertilizer, sugar and tankage, was taken to facilitate the distribution of essential bags, and should not be interpreted to mean that the supply is no longer critical.

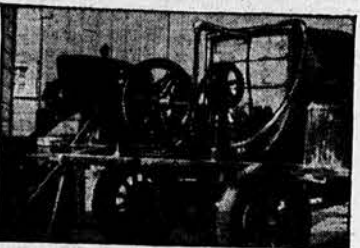
It is stressed that the relatively favorable supply situation can be maintained only by maximum conservation and re-use of bags.

# NEED HELP?

Many farmers, faced with manpower shortage, are finding that Fairbanks-Morse "Z" Engines make mighty good farm hands. Below are a few snapshots of "Z" Engines at work on farms. We hope these may suggest ways to get an extra hand out of your "Z" Engine. If you have no Fairbanks-Morse "Z" Engine—see your Dealer and get enough horsepower while you're at it to handle all jobs.



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## Still Trying Price "Roll-back"

(Continued from Page 6)

every one of the three proposals along that line from Judge Jones?" demanded a Senator.

Judge Vinson said he knew that. But the orders are to hold the line on retail food prices.

A statement from Senator Danaher, of Connecticut, informally approved by 25 of the 26 members of Congress at the Vinson meeting, calls for the following "policy with reference to fluid milk and the dairy interest:

"1. Milk is entitled to a special treatment as an indispensable item of wartime diet.

"2. That to guarantee continued production, regional support prices should be declared at once by the WFA.

"3. If to maintain or increase production of milk a price increase is indicated in certain regions, that method should be followed.

"4. That feed be requisitioned if need be or purchased by Commodity Credit Corporation and made available to producers with priorities established for feed in favor of dairy production, to be allotted by county war boards on certificate of need."

What this all means is that the Directorate has orders from the White House to hold food prices down, roll them back as nearly as possible to September, 1942, and to encourage production by putting into effect a con-

sumer subsidy program, with or without Congressional approval. The Administration figures that there are enough loose billions of dollars lying around to get the subsidy program started; once started, Congress will be forced, with an election coming on, to vote the necessary funds.

Organized Labor has served notice that if food prices go up, then wages will have to go up again. Labor's paychecks have gone up around 66 per cent; the cost of living has gone up around 25 per cent. Labor intends to hold the war gains it has made, and the Administration needs Labor support for the war, and also in 1944.

The White House has decided that bread and milk prices—particularly bread—are the "symbols" of the "hold the line" against inflation.

Meat prices also are to be forced downward. The support price on hogs has been reduced to \$12.75 a hundred, effective October, 1944. That is intended to not only bring down the price of pork, but also to discourage hog production.

The Directorate wants to put a ceiling price on cattle, altho the effective date continues to be postponed. Under the threat of a ceiling price, and the widely advertised shortage of foodstuffs, heavy movements of cattle to market this fall are expected to accomplish two things:

1. Cut down the number of animals to be fed thru the winter; if the number is reduced sufficiently, law of supply and demand might help reduce the upward pressure on corn prices.

2. Hold down or lower cattle prices at the central markets sufficient to justify a lower ceiling on live cattle when the ceiling price is determined.

Unless the number of animals on farms and ranches and pastures is cut down, either corn prices ceilings must again be lifted, or a subsidy plan must be used to get the corn to the animals.

At this writing Directorate intends to subsidize hay \$8 a ton to encourage milk production.

### Tax Date December 15

Some inquiries are being made about farmers' income taxes. The fourth payment is due December 15, along with estimate of total income tax due in 1943. Taxes must be paid on higher income of the 2 years, 1942 or 1943. However, actually the final adjustment will be made March 15, 1944.

On March 15, two income statements will be due—presumably both on the same form. First, the statement on actual income for 1943—or 1942 if

that was larger than 1943. If the December estimate and check turns out to be more than 33 1/3 per cent lower than shown by the March 15 statement, then a penalty will be assessed in addition to the balance due.

Second, there will be an estimate of 1944 income, to be accompanied by a check for one fourth of the tax on the estimated income. These estimates may be amended on June 15, again on September 15, and on December 15, if changes in income seem to make it necessary. The only serious one to watch is the December 15, when corrections must bring the payment within 33 1/3 per cent of the actual income or face the penalty of 6 per cent for understatement. There are no withholding taxes for farmers—a farmer is a taxpayer 80 per cent of whose total income is derived from his farming operations.

Suggestion: Don't worry too much about the 1944 income tax and tax payments. A new tax law probably will be passed before or early in 1944. Yes, the taxes will be increased!

Just one other little thing. On March 15, 1944, individual income taxpayers will owe the Treasury 25 per cent additional tax on their 1942 income—or 25 per cent of the 1942 tax liability over \$50, whichever is the lesser amount. One half of this extra 25 per cent of 1942 tax liability—as already defined—is due and payable March 15, 1944; the other half March 15, 1945. This 25 per cent additional tax, by the way, is computed on the lower of the 2 years, 1942 and 1943.

### Can Identify Wheat

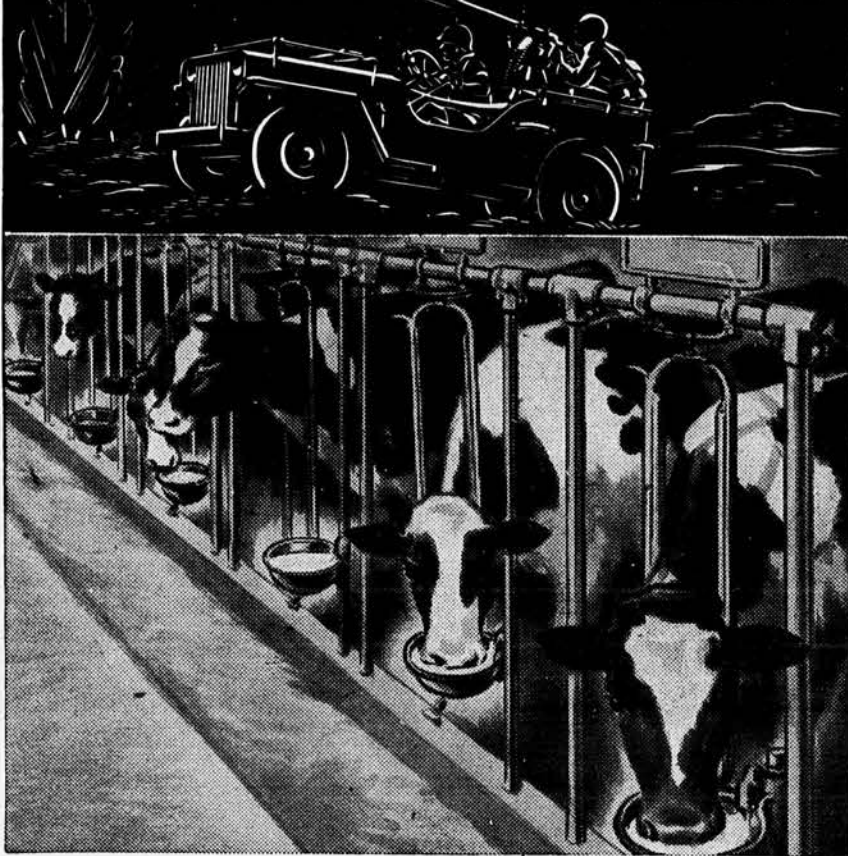
One of the interesting booths at the Kansas fairs this year was that of the Kansas Wheat Improvement Association, which depicted the "Hessian Fly a Saboteur to Kansas Wheat."

Educational material and pictures of the life cycle of the Hessian fly were displayed. Also displayed were newly available pictures showing how varieties of wheat may now be identified by cross sections of the grain. This is the first time, says John Parker, director of the association, that farmers have been able to get material to assist them in identifying varieties after threshing.

Pawnee wheat was pictured in the booth as an aid, but no substitution for preventive measures, in the control of Hessian fly. Pawnee is more resistant to Hessian fly in Central Kansas, but loses this resistant quality east of the bluestem area of the Flint Hills, the display pointed out.

In 10-year average tests Tenmarq shows 65 per cent fly infestation, Pawnee 39 per cent and Kawvale 28 per cent, placards announced.

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## Youth Shows the Way



A 3-animal showing of Jerseys won fame and ribbons galore at the Kansas Free Fair, Topeka, for Dean Thorson, of Horton. His calf, yearling and cow each won first in the 4-H Dairy Show, with the cow being chosen grand champion of the Jersey breed. In the open class Dean won first on his calf, first on his cow, second on the yearling, and first on the calf and yearling together for produce of dam. This is his 6th year in 4-H Club dairy projects and his 4th at the Kansas Free Fair. He bought his first registered calf 6 years ago and now has 8 head of Jerseys in his herd. The money for his first calf was earned by raising some pigs of his own and taking care of his father's hogs.



## Fairs Picture War Effort

(Continued from Page 7)

seed; the use of good cultural practices; adapted varieties; maintaining the fertility of the soil; insect and plant disease control.

Dean H. Umberger, director, Kansas State College extension service, thinks the fairs focus attention on the question, "Is the livestock industry being conducted on a sound, constructive, long-time basis?"

The big fairs tend to illustrate the fact to all the world that Kansas is a great surplus-producing state, adds J. C. Mohler, secretary of the Kansas State Board of Agriculture.

Following is a list of grand champion and sweepstakes awards:

### Kansas Free Fair, Topeka

**Beef Cattle:** Shorthorn bull, Julius Olson, Manhattan, on Supreme Gift; Shorthorn female, Dan Collier, Alta Vista, on Orange Maid 15th; Hereford bull, Brook Hereford Ranch, Brady, Texas, on Plus Blanchard 1st; Hereford female, Walnut Hill Hereford Ranch, Great Bend, on C. K. Miss Charity 25th; Aberdeen-Angus bull, H. E. Peirce, Partridge, on Prince Eralan H. P. 3; Angus female, Woodlawn Farms, Creston, Ill., on Postelmere Blackcap.

**Dairy Cattle:** Holstein-Friesian female, Barbara Morris, Wichita, on Shungavally Pabst Carmen; Guernsey bull, Ransom Farm, Homewood, on Ransom Fidget's Fire-

man; Guernsey female, W. O. Boehle, Lawrence, on Springdale Babs; Ayrshire bull, John C. Keas, Effingham, on Locust Lea Red Jacket; Ayrshire female, R. & R. Scholz, Lancaster, on Barwood Elizabeth; Milking Shorthorn bull, Bert Creekmore, K. C., Mo., on Bay State Duken; Milking Shorthorn female, Bert Creekmore, on Rinda Lass; Jersey bull, F. P. Durnell, Springfield, Mo., on Lavender Noble Flashlight; Jersey female, F. P. Durnell, on Royal Xenia Lass.

**Draft Horses:** Percheron stallion, H. G. Eshelman, Sedgwick, on Lanceno; Percheron mare, H. G. Eshelman, on H. L. Milanna; Belgian stallion, J. F. Begert, Topeka, on Gandi D' Cost Mof; Belgian mare, Elmer Eberspacher, Seward, Neb., on Betty.

**Hogs:** Chester White boar, Bloom & Son, Corning, Iowa, on High Rank; Chester White sow, Bloom & Son, on Bloom Pride 2nd; Spotted Poland China boar, Eugene J. Rath, McValley, Iowa, on Rebo; Spotted Poland sow, Wayne L. Davis, Mahaska, on Bright Queen; Duroc Jersey boar, Wayne L. Davis, Mahaska, on Jr. Boar; Duroc Jersey sow, Bar Y Ranch, Baxter Springs, on Bar Y Beautiful 2nd; Hampshire boar, Earl H. Kelly, Stafford, on Professor Ace; Hampshire sire, Sunshine Farm, Morrill, on B & B Fashion Lady 2nd; Poland China boar, James Armstrong & Son, Murdock, Neb., on Sir Galahad; Poland China sow, John Bucholz & Son, Falls City, Neb., on Lady Justine.

**Sheep:** Hampshire ram, Donald E. Welton, Rantoul, on Vandiver 610; Hampshire ewe, Donald E. Welton, on Welton E-30; Southdown ram, Lonjac Southdowns, Concordia, Mo., on Lonjac 11-1; Southdown ewe, Lonjac Southdowns, on Lonjac 10-1; Shropshire ram, Chappell & Son, Greencastle, Mo., on Chappell 857; Shropshire ewe, Chappell & Son, on Chappell 799.

**Crops:** 10-ear sample of corn, Rolly Freeland, Effingham; 10 heads of grain sorghum, John F. Berg, Meriden; best sample of hard red winter wheat, A. G. Siegrist, Hutchinson; best sample of soft red winter wheat, Howard Hanson, Topeka.

**Horticulture:** Best table display of apples, Taylor Bauer, Wathena; best display of 5 trays, Herman Moskau, Wathena.

### Kansas State Fair, Hutchinson

**Beef Cattle:** Angus bull, Harry Peirce, Partridge, on Prince Eralan, H. P. 3rd; Angus female, Woodlawn Farms, Creston, Ill., on Postelmere Blackcap; Shorthorn bull, D. H. Clark, Douglas, on Elkhorn Supreme Command; Shorthorn female, D. H. Clark, on Elkhorn Bloom; Hereford bull, Brook Hereford Ranch, Brady, Texas, on Plus Blanchard 1st; Hereford female, T. L. Thogmartin, on Miss Ardena Plus.

**Dairy Cattle:** Brown Swiss bull, G. D. Sluss, El Dorado, on Lee's Hill Sandra's Royal; Brown Swiss female, G. D. Sluss, on Lucy Fay's May 3rd's Pride; Guernsey bull, Mr. and Mrs. Ralph Batdorf, Wellsville, on Ransom Wilda's Westerner; Guernsey female, Ransom Farm, Homewood, on Ransom Fisherman's Angel; Holstein bull, T. Hobart McVay, Nickerson, on Osbornedale Count Ormsby; Holstein female, Quin-Dale Farms, McPherson, on Shungavally Champion Pearl; Jersey bull, Beal Brothers and A. H. Koepfel, Carlyle, on Volunteer Regina Noble; Jersey female, F. P. Durnell, Springfield, Mo., on Royal Xenia Lass; Milking Shorthorn bull, Walter Clarke, Great Bend, on Kingsdale Pride 13th; Milking Shorthorn female, E. L. Walker, Fowler, on Kingsdale Ruby; Ayrshire bull, G. Fred Williams, Hutchinson, on Woodhull Sunny Tom; Ayrshire female, G. Fred Williams, on Woodhull Sunny Dianne.

**Horses:** Belgian stallion, Dwight A. Yordy, Brookville, on Major Clypot De Gable; Belgian mare, Dwight A. Yordy, on Patsy De La Tourette; Percheron stallion, McElwain Brothers, Burrton, on Cariretor Degas; Percheron mare, H. G. Eshelman, Sedgwick, on Maple Leaf Milanna.

**Jacks and Mules:** Champion jack, P. L. Hale and Son, Burrton, on Oklahoma Lad; Champion mare, Moore Brothers, Gardner, on Shirley.

**Hogs:** Grand champion barrow, O'Bryan Ranch, Hiattville; Chester White boar, Bloom & Sons, Corning, Iowa, on High Rank; Chester White sow, Bloom & Sons, on Bloom Pride 2; Spotted Poland China boar, Carl Billman, Holton, on Silver Ace; Spotted Poland China sow, Wayne L. Davis, Mahaska, on Watchman Proud Lady; Berkshire boar, Tommy Wilson, on Pioneer Master Raider; Berkshire sow, Leonard Millman, Nash, Okla., on Monarch Janet 7th; Poland China boar, Malone Brothers, Raymond, on Malone's Belgian; Poland China sow, Malone Brothers; Duroc boar, Bar Y Ranch, Baxter Springs, on Lucky Boy; Duroc sow, Harvey A. Deets, Kearney, Neb., on Deets Dutchess; Hampshire boar, James E. Tays, Fisher, Ill., on Rosevale Stepproller; Duroc sow, Mr. and Mrs. W. Ploeger, Morrill, on B. B. Fashion 2nd.

**Sheep:** Hampshire ram, J. R. Poague, Lincoln, Mo.; Hampshire ewe, J. R. Poague; Shropshire ram, H. H. Chappell & Son, Greencastle, Mo.; Shropshire ewe, H. H. Chappell & Son; fat lambs, Ted Oliver, 4-H Exhibitor; Southdown ram and ewe, Lonjac Southdowns, Concordia, Mo.; wool exhibit, champion fleece, Noah Steiner, Morrill.

**Crops:** Hard winter wheat, Earl G. Clark, Sedgwick; corn, Rolly Freeland, Effingham; quality wheat, U. G. Balderston, Dodge City; collective exhibit, LeRoy I. Mella, Comanche county.

**Horticulture:** Commercial exhibit, W. O. Schuler, Wathena; 5 trays, Kansas Fruit Farm, Troy.



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But if anyone else on earth rated this insignia now, it certainly would be the farmers of America.

They're shipping 15,000 tons of food a day to our fighting forces.

They're sending five million dollars' worth a day to our lend-lease Allies.

And they're working to feed the rest of us who must keep war production humming at home.

We know because we carry the greater part of the things the farmers produce. Added to other traffic, this requires a fully loaded freight train every four seconds.

With materials scarce, this has to be done with little more equipment than we had before the war. So our locomotives, our cars, everything about the railroads must be worked as never before.

This means rapid wear and tear—more than can be replaced now. Like farmers, railroads are having to put off doing a lot of things which do not have to be done right away.

They must come later—when the victory is won, when farmers can begin to "catch up" on the work around the place, and when railroads can begin to build back into their plants the service life which today is being taken out of them.

In that way, American agriculture, American railroad-ing, American enterprise, can keep on delivering the goods in the American way.



## Watch Intestinal Parasites

By CHARLES H. LERRIGO, M. D.

**I**T WAS not until I was called to a special conference of doctors, about tropical diseases that might be brought back to us by returning soldiers, that I realized how the danger of intestinal worms is likely to be increased when the boys come home. Certainly there is nothing uncommon, especially in rural districts, about the occurrence of intestinal worms in children and also in adult persons. In the tropical countries in which our soldiers have had to fight, however, the plague of intestinal and animal parasites is something for which our country has no parallel.



Dr. Lerrigo

A medical officer who has been on duty in the tropics told me that so far it has been practically impossible to control the fly pest. Anyone eating any kind of food, in the best possible camping surroundings in the tropics, is almost sure to chew up a few flies in the course of the meal. Intestinal parasites are all too common among the men on duty, and there is no little probability that many returning soldiers will have to be treated for ailments which may not be disabling and will present no symptoms that would keep them from

mingling with friends and family, yet which are dangerous not only to themselves but to those with whom they make contact.

At this time the best that we can do is to give warning as to special care being taken for prevention and cure of infestation by worms. Chief among these as known in this country are the pinworm, a very common pest both to children and adults in our own land, and the roundworm known to doctors as *Ascaris Lumbricoides* and sometimes called the eel worm. Undoubtedly it will be an excellent thing for all soldiers returning from the tropics to be given an opportunity to go thru the Army Hospital and have very thorough examination made for intestinal parasites and appropriate treatment given where necessary. If the Army and Navy follow such a course, our men will thereby be given the assured feeling that they are not bringing something back to home and family that is likely to induce distressing symptoms such as they may have had to endure in the tropics.

It is not necessary at this time to give a lot of suggestions as to symptoms and treatment of intestinal parasites. However, we do have a special letter entitled "Hints About Intestinal Worms" that should prove helpful. Any subscriber desiring a copy should send an envelope addressed to himself, and bearing a 3-cent stamp, to Doctor C. H. Lerrigo, Kansas Farmer, Topeka.

## Sons Follow Mother's Lead

*In Exhibiting Baby Beef and Hogs*

**L**OVE of good livestock is a family trait with the R. C. Barclays, of Marietta, who this year watched their two sons, Harry, Jr., 12, and Donald, 10, try their hands for the first time at exhibiting baby beef and swine at the big Kansas fairs.

The boys will have to step if they beat their mother at this game. As an early-day 4-H exhibitor, Mrs. Barclay, then Ruby Howell, established a record of winnings. In her 7 years of club membership she won 2 grand championships and 3 reserve championships in competition at the Kansas fairs.

Just as the sons come by their livestock interest naturally, so did the mother. Her father, J. A. Howell, started exhibiting stock at the Free Fair 27 years ago and organized the first boys' and girls' club in the Marietta community in the 1920's. The mother, Mrs. Barclay, was a Capper award winner in 1925.

With this kind of record behind them, Harry and Donald are carrying a heavy 4-H Club project schedule. In

his 3 years of club membership, Harry has handled \$1,750 worth of livestock. He started with a sow and litter and advanced brooding projects, and last year added purebred gilts, market pigs and gardening projects. He now has 22 head of purebred Durocs.

Donald is a first-year 4-H'er, but was only 5 years old when he began building up a registered herd. He now has a purebred Hereford cow, bull and calf. His potato project this year produced 78 bushels of potatoes that sold for \$139, and his Hereford baby beef is estimated to be worth \$135.

The boys' stepfather, R. C. Barclay, is boys' leader of the Sunflower club. He is building up an inventory of registered stock and now has 130 registered Duroc hogs, 16 registered Herefords, and 6 registered Suffolk horses.

Three-year-old Raleighta, daughter of the Barclays, rides a pony and plays with her pet lamb while she looks forward to "joining the boys" in active participation with their livestock interests.

## Rims Make a Culvert



A nice, big culvert on the Howard Woodbury farm, Osage county, consists of old rims from corn planter wheels. The rims are fitted side by side, and are held securely together by long rods running from 2 by 4's at the ends of the culvert. This idea reduces the farm junk pile while saving the demand for new equipment.



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Pullets: Ready-To-Lay, 1/2 grown, range size, or partly raised. 18c to \$1.50. Leftover chicks \$5.00. Catalog free. Imperial Breeding Farms, Dept. 5-428, Bethany, Missouri.

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32 volt windcharger, batteries, tower, motors. Write, E. W. Stuewe, Alma, Kan.

## DELCO LIGHT

Large Stock Genuine Parts for all models. Plants—Pumps—Batteries—Wind Plants. Modern Shop. Repair any Delco Equipment. Factory Distributors. General Products, Inc., Wichita, Kansas

### MACHINERY & PARTS

Oil Filters—Reclaimo equipped tractor tends 400 acres during 1943. Oil used—six gallon. Results—perfect. These outstanding savings can be yours Now if you use the "Heated" filter. See your dealer or write Reclaimo Sales, Elgin, Nebraska.

1 Corn Shredder. 1 High McCormick Corn Binder and 1 Seven Foot Power Motor for Farmall 20 Tractor. All in good shape. Sundgren Hardware Company, Falun, Kan.

Build Powerful Farm Tractor from old auto parts. Plans, instructions, \$1.00. Money back guarantee. Science and Mechanics Magazine, 717 St. Clair Bldg., Chicago.

Free 1943 Catalog. New, used Tractor Parts. All makes. Quality guaranteed. Prompt shipment. Low prices. Acme Tractor Salvage, Lincoln, Neb.

Write for big, free 1943 tractor parts catalog: tremendous savings. Satisfaction guaranteed. Central Tractor Wrecking Co., Dept. 1031, Boone, Iowa.

For Sale: Avery 28-inch Separator 1938 model. One Russell steam engine. Several wood-box wheat drills. J. H. Rea, Minneola, Kan.

### BUSINESS OPPORTUNITIES

Wanted: Man past draft age or man and wife who wish to help in the war effort by getting into essential business, to operate cream and produce station. A very attractive proposition. Write Post Office Box 4026, Kansas City, Missouri.

### FARM EQUIPMENT

New Milking Machines are becoming very scarce. Don't delay. Just received a large shipment of America's most modern full pulsating milking machines. Can make immediate delivery any county, any state if certificate and order are received at once. Phone or write today. Also can supply short tube and portable milkers, full pulsating types. No certificate necessary for new units to add to present equipment. We buy and sell used milkers of all kinds. Guaranteed rubber parts for all makes of milkers. Complete factory repair service on all makes of milkers. We want used Milkers, Briggs-Stratton and Lauson Gas Engines. Midwest Dairy Supply Company, 224 West Fourth Street, Grand Island, Nebraska.

Two Cow Dairy Queen portable milker again available for shipment anywhere. Rubber lined squeeze action test cups. Complete with electric motor \$179.00, with gas engine \$204.00. Literature free. Dairy Queen Milking Machine Manufacturing Company, 1334 E. 53rd St., Minneapolis, Minn.

### MACHINERY WANTED

Wanted immediately, new or used New Idea, Woods Bros. or Oliver one-row, pull-type corn-picker. Also portable corn elevator. Wire or Write. Tom Turk Farm, R. 2, Tekamah, Neb.

Wanted—"Fords" milkers or usable parts. Help us get them in use. Box 442, McPherson, Kan.

Wanted—Two row Corn Picker. Four hole Corn Sheller. F. L. Gronau, Piewater, Kan.

### SEEDS

Wanted: Alfalfa Seed, Sweet Clover Seed. Send samples and tell us how much you have. We will also be in the market for new crop popcorn. Write us and tell us how many acres you are growing. The Barteldes Seed Company, Lawrence, Kansas.

DeWall Hybrids: Now receiving orders for White and Yellow Hybrids. \$8.00-\$4.00. Bred for standability-yield. Some open territory for dealer-agents. Liberal commissions. DeWall Hybrids, Dept. "K", Gibson City, Ill.

Kansas Certified Hybrids, Kansas 1583 and US 13. Harold Staudt Seed Farm, Ottawa, Kan.

### FLOWERS—BULBS

Immediate shipment—Gorgeous Ranunculus, Anemone, Montbretia, Gladioli, Watsonia, Narcissus bulbs. Cent each prepaid; fifty minimum. Catalog, Jordan Nurseries, Baldwin Park, California.

### MISCELLANEOUS FOR SALE

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.

16 ounces of mellow ripe cut smoking tobacco. cool, mild mixture. Only \$1.25. Send for free catalog and trial offer. Sidney Ram, 59 West Monroe, V-47, Chicago, 3, Illinois.

Good Old Fashioned Kentucky Leaf—Smoking or Chewing. 5 Pounds \$1.25. Doran Farms, Murray, Ky.

25 Genuine Indian Arrowheads, \$1.00. Catalog. Geo. Holder, Glenwood, Ark.

### PRODUCE WANTED

Money for your cream by return mail; correct test and weight; the better the cream the bigger the check; we want good cream. Ship to Spring Valley Butter Co., Kansas City, Mo.

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

We want broilers, springs. Coops loaned free. The Copes, Topeka.

### FILMS AND PRINTS

Beautiful Deckledge Reprints 2c. Rolls developed two deckledge prints each negative 25c. Four 5x7 enlargements from negatives 50c. Summers Studio, Unionville, Mo.

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

Roll developed, photo album, 2 enlargements, 8 prints, 25c. Geppert Studios, Dept. R-3, Des Moines, Iowa.

### EDUCATIONAL

Make up to \$25-35 week as a trained practical nurse. Learn quickly at home, spare time. Easy tuition payments. Earn while you learn—many earn hundreds of dollars while studying. Easy to understand lessons, endorsed by physicians. High school not required. Our 42nd year. Write for free booklet and sample lesson pages. Chicago School of Nursing, Dept. SF-10, Chicago.

### AUCTION SCHOOLS

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

### REMEDIES—TREATMENTS

Free Book—Piles, Fistula, Colon-Stomach, associated conditions. Latest methods. Thornton & Minor Clinic, Suite C1006, Kansas City, Mo.

### HELP WANTED

Wanted—Reliable Front End Man by individual operating General Garage, Filling Station; selling machinery and parts. Must be good writer. Can also use good mechanic. Good pay, long time job for right party. (Located near Dodge City.) Box 55, Dodge City, Kan.

### AGENTS AND SALESMEN

Dealers Wanted. Western Distributors of Milking Machines and Dairy Supplies want dealers. Nationally known full pulsating type milkers. Write or Phone at once if interested, giving full qualifications. Address Post Office Box 582, Grand Island, Nebraska.

### OF INTEREST TO WOMEN

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

### FEATHERS WANTED

Uncle Sam Needs Feathers for the Armed Forces! Be patriotic! Ship now! Every pound counts! White or Grey goose \$1.25. White or colored duck \$1.00. Must contain original down. For highest prices of used feathers submit samples. Thousands of satisfied customers. Southtown Feather Co., 6754 So. Halsted St., Chicago.

Free Bulletin tells you how to get the most for your new and used Goose and Duck Feathers. Send for it. We are direct processors and pay best prices. Third generation in feather business. Honest grading. Prompt payment. Ship now. Central Feather Works, Dept. R, 1717 S. Halsted, Chicago.

New Goose and Duck Feathers wanted. Positively highest prices paid. Payment day received. Send for latest prices and shipping labels. Established 1917. Northern Feather Works, 1523 Kingsbury St., Chicago.

### FARMS—KANSAS

160 acres, highly improved, on mat road, 4 miles town, 100 plover, 60 blue stem, \$8,500. T. B. Godsey, Emporia, Kan.

Coffey County Improved farm 170-A 10 miles from county seat, \$50 per acre. Gilman & Gilman, Burlington, Kan.

### FARMS—MISCELLANEOUS

On pavement, 103-acre going farm, stone buildings, \$4,700! Half-mile frontage on U. S. pavement, only 5 minutes depot high school town, on cream route, school bus; fee paid for R.E.A. connection to power line, only 1/4 mile away; 60 cultivated, more tillable when cleared. 15 bottom, woodland pasture, woven wire, pond, estimated 20,000 ft. timber, merchantable firewood, good wood market nearby, dandy young orchard, 280 peaches, 60 apples, 3 cherries, 1 1/2 acre assorted berries; buildings only 2 years old, nice 5-room cobblestone house, good 40-ft. cobblestone barn, 40-ft. cobblestone poultry house, good brooder house, cobblestone smokehouse over cellar; \$2,000 income last year; retiring elderly owner offers real buy, \$4,700 with 5 good Jersey cows, 2 brood sows, team mules, some farming equipment included, \$3,000 down. Details page 2, free Fall catalog 7 states. United Farm Agency, KF-428 BMA Bldg., Kansas City, 8, Mo.

Federal Land Bank, Wichita, Kansas—Farms for sale in Kansas and Colorado. See National Farm Loan Association in your county, or write direct. Give location preferred.

## October 16

## Will Be Our Next Issue

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

## Saturday, Oct. 9

### Livestock Advertising Rates

1/2 Column Inch.....	\$2.50 per issue
3/4 Column Inch.....	3.50 per issue
Full Column Inch.....	7.00 per issue

One-third Column Inch is the smallest ad accepted.

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

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

# Kansas Farmers Can Depend on TOMSON HYBRIDS

Corn harvest is on in Kansas. This is the best time to compare hybrids and, after comparing, the logical time to place your order for 1944 planting. Tomson Hybrids won't disappoint you in the field with competitive hybrids, for their greater yield of sound quality feeding corn is a consistent feature. To be sure of getting your choice of varieties and kernel sizes, place your order now. We are farther along with selling than we have ever been at this time of the year. Send for our interesting leaflet.

## Our New Varieties

**Tomson 30**—A late-maturing, heavy-yielding corn that produces extra high-quality corn. It has won best 10 ears for our customers at several Corn Shows. Ideal for silage—makes a heavy-grain yield.

**Tomson 44**—Slightly later maturing than 13. Very stiff stalk and almost perfect-type ears. Outstanding on fertile ground.

**Kansas 2234**—White variety, late maturing. A medium-height corn developed by the college that is proving extremely popular. Our supply of flat kernels is almost gone. Good selection in round kernels, but they are going fast.

Also available are the popular standbys—Tomson 13 and 35. These hybrids are well known and have definitely proved their worth over a period of years under Kansas conditions.

### Prices, Prepaid to You:

Large Flat	\$8.60	Medium Flat	\$8.60
Large Round	\$5.60	Medium Round	\$7.20

Every bushel backed by our replanting agreement

## Don't Experiment With Your Corn Crop

## PLANT

## TOMSON HYBRID SEED CORN

Our Seed and Shorthorns Make Good

WAKARUSA

KANSAS



## The Central Kansas Holstein-Friesian Breeders' Sale Hillsboro, Kan. Friday, October 22 100 Head of Holsteins

60 head of registered, 40 head of high-grade Holstein cattle, a large number of fresh cows or heavy springers.

10 bulls of serviceable age, all from record sires and dams.

15 head of heifer calves from dams with high butterfat records.

The outstanding feature of this sale is the consignment of 20 head of cows and heifers from the Jake Zarnowski herd, Newton. This herd has the distinction of having the highest average record of producing cows of any herd in Kansas of more than 10 head. They send 8 young cows with an average record of 400 pounds of butterfat, and 13,000 pounds of milk, as 2-year-olds; 10 bred heifers and cows from dams averaging 656.2 pounds of butterfat and 17,589.3 pounds of milk. A 452-pound 2-year-old, a 2-year-old heifer whose dam is the second highest producing senior 3-year-old in the nation for 1942, and the fifth high for all time. A bred 2-year-old heifer, from an 808 butterfat dam. A King Bessie bull, ready for service, from a 601-pound fat cow. Herd average for 1942 was 491 pounds fat.

Quindale Farm, McPherson, sends 3 fresh young cows from dams with an average of 440 pounds of fat, and 11,500 pounds of milk. Also a bull of serviceable age, from a 450-pound-fat 2-year-old.

P. G. Hiebert, Hillsboro, sends 3 fine young cows with average fat test of 419 pounds and some high-producing record grade cows.

Ted Beuhler, Assaria, sends a nice consignment of young bulls, one from a 500-pound-fat dam and one from a 700-pound-fat dam. Also a fine lot of 2-year-old bred heifers from dams up to 438 pounds of fat.

Robert Romig, Topeka, sends 3 high-grade cows in flush production.

R. B. and Ralph Ward have selected 15 head of high-grade cows—nearly all fresh or heavy springers.

Whitehall Dairy Farm (Mott and Kandt) send a selected lot of 6 heifer calves from dams ranging from 396 pounds of fat at 3 years old, to 521 pounds of butterfat.

R. L. Evans, Hutchinson, sends a choice bull calf from a sire whose dam with 6 consecutive records, averaged 646 pounds fat classified as Excellent, the calf's dam 650 pounds fat as a 2-year-old.

T. Hobart McVay is consigning one of his choice cows, with a 575-pound fat record as a junior 3-year-old, and a young serviceable show bull calf, junior champion bull 1943 Kansas State Fair, from a 448-pound dam, sired by Femco Calamity Poach Pride. Six nearest dams, 1,026 pounds of butterfat.

Elmer Geiss, Marion, sends a number of high-grade cows and heifers.

Otto Domann and Martin Schubert have good consignments of serviceable bulls and producing cows and heifers.

All records in this sale are on two-times milking. All Animals tested for Bang's and Tb. Sale begins promptly at 10:30 a. m.

### MANAGER'S NOTE:

Do You Know that those who have attended the Central Kansas Holstein Breeders' Sales in past years have found it an excellent place to select clean, healthy foundation seed stock, dairy herd replacements, both registered and high-grade heifer calves for calf clubs and bulls from high-record sires and dams, and the prices have not been too high as compared with sales in the eastern section of the country.

And, Do You Know that it is our opinion that the world will be hungry for Holstein Cattle and that lucky is the man who will have seed stock for sale when this war will have come to an end.

### WRITE FOR CATALOG TO

W. H. MOTT, Sale Manager, HERINGTON, KAN.

Auctioneers: Newcom, Cole and Bevins

Clerk: Newton Securities Company, Inc.

## Persinger's Jersey Reduction Sale



Republic, Kan., Monday, Oct. 11

**30 Head** Including our 2-year-old herd bull, Security Blonde Fauvic, son of Security Blonde Count, whose dam has a Nebraska record of 625 pounds fat as a 2-year-old and 883 pounds as a 3-year-old.

20 COWS in production with records up to 500 pounds fat.

7 BRED HEIFERS of good quality. All in calf to above herd bull. Noble and Financial breeding. Tb. and abortion tested.

E. L. PERSINGER, Owner, REPUBLIC, KAN.

Jas. T. McCulloch, Auct.

Jesse R. Johnson, Fieldman

## First Kansas V-I-C-T-O-R-Y Guernsey Sale

Fairgrounds

Topeka, Kansas, October 7

Our consignment: 3 granddaughters of our proved Advanced Register sire Argilla Fisherman

Green Acres Jean—A. R., 3-year-old, fresh with second calf. The first daughter of Ransom's Leader's Lochinvar, formerly a herd sire in the Kaw Valley Breeding Association.

Ransom Gail's Gypsy—A 2-year-old now on A. R. test. Bred to calve next March to the service of St. James Champion Bobby, son of the great cow St. James Philosopher's Barbee, excellent type and highest-producing daughter of Langwater Philosopher.

Ransom's Twila's Twinkle—Yearling heifer, daughter of Argilla General Lee, undefeated National Grand Champion in 1941.

RANSOM FARM, HOMEWOOD, KANSAS

## JACK AND JENNET DISPERSAL SALE

GOLDEN RULE STOCK FARM

Ft. Scott, Kan., October 22

**45 Head** 10 Good Quality Jacks (ready for service). 35 Jennets (most of them in foal or with colts at foot).

This is a dispersal of one of the oldest and strongest herds in the United States. Featuring the best individuals and most valuable bloodlines of today. Buy your jack in the fall and he will be acquainted with his new home and give better service.

Herd Established Over 50 Years—For Catalog Write

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

Roy Johnston, Auctioneer

## IN THE FIELD



Jesse R. Johnson  
Livestock Editor  
Topeka, Kansas

C. H. HARPER, of Benkelman, Neb., made an average of \$100 on 55 head of Shorthorns in his September 17 sale. With a top of \$225, unfavorable weather day of sale, lack of moisture and feed scarcity were given as reason for prices not in line with the high quality of the offering.

For years and years FRED FARRIS AND SONS, of Faucett, Mo., have bred Durocs. Public sales held sometimes annually and sometimes semi-annually have been their way of disposing of them. Another sale will be held on October 18, and the get of the Minnesota junior champion, The Fashion, and Four Square, a grandson of All Star and Golden Fancy, will be featured. Fifty head sell.

### Homemade Punches

A handy set of punches may be made inexpensively out of old, discarded harrow teeth by grinding each one to the desired type of point. The points will not last as long as regular punches, but will give good service and can be easily renewed by grinding.—J. D. O.

### HOLSTEIN CATTLE

#### BULL CALVES FOR SALE

We bred and developed the first and only cow in Kansas to produce 1,000 pounds of fat in 365 consecutive days. Young bulls with high-production dams or granddams.

H. A. DRESSLER, LEBOW, KAN.

#### WISCONSIN HOLSTEINS

12 larger and older high-grade Holstein heifer calves. Well started, 6-week \$32.50 each. All express charges paid by us. Willing to ship C.O.D. any number.

Clayton Chandler, Rt. 2, Lake Geneva, Wis.

### JERSEY CATTLE

#### GOLDEN DREAM COMES TRUE!!

Rotherwood-Eagle-Lease-Plan puts at the head of your herd one of the state's best bred Jersey bulls without a cash deposit. This is open to you if you are milking three cows. It isn't necessary that you have a registered herd or that they are Jerseys. If you want something of the best, don't delay. Get in touch with us at once!!

ROTHERWOOD JERSEYS, Hutchinson, Kan.

A. Lewis Oswald—John Craig Oswald

### HAMPSHIRE SHEEP

#### Walker Offers Hamp. Rams

Serviceable age ram lambs, sired by the 1937 Iowa State Fair grand champion, and out of daughters of the grand champions at previous Iowa and Indiana State Fairs.

E. L. WALKER  
One mile east on U. S. 54, then 3 miles north of FOWLER (Meade Co.), KAN.

## Kansas State Holstein Sale

Sale at Fair Grounds

Monday, October 18, Abilene, Kan.



## 80--REGISTERED HOLSTEINS--80

The Kansas Holstein-Friesian Association in sponsoring this Statewide Consignment Sale hopes to accomplish two objectives. Make some outstanding Kansas-bred Holsteins available to breeders starting in the business, and to show the results of continued testing for production plus official type classification in building the practical Holstein cow.

The Kansas Association had 233 paid-up members for the year 1943. From this number, consignments were accepted from 39 herds by a committee appointed to manage the sale. The committee has spared no effort or expense in bringing this group of cattle together in the first statewide consignment sale in several years. We hope you appreciate them.

Sale Headquarters—Lamer Hotel, Abilene. Holstein Meeting—Lamer Hotel, 7 p. m., Sunday evening, October 17, 1943. Everyone invited.

Auctioneers: Bert Powell, Boyd Newcom, James McCullough

### CONSIGNORS

Albert Ackerman  
Dean Bailey  
R. C. Beezley  
Harvey Bechtelheimer  
Mrs. H. D. Burger & Son  
Ray Bollman  
Frank Finkelstein  
Leo Fickel  
William Frerking  
Henry Hatesohl & Son  
Leo Hostettler  
P. G. Hiebert  
C. C. Kagarice

Jeff Kubin  
Grover Meyer  
W. H. Mott  
H. A. Meier  
Barbara Morris  
August Moeller  
Meierkord Farm  
Hobart McVay  
Wm. C. Mueller  
L. W. Norrie  
Kenneth Phillips  
Quin-Dale Farm  
C. P. Ragier

E. B. Regier  
Rottinghaus & Draney  
Wm. Rosencranz  
St. Joseph's Home  
M. A. Shults & Son  
Smith & White  
Harold Scanlan  
Topeka State Hospital  
L. J. Theno  
T. T. Torkelson  
White & Chamberlain  
Young Bros.  
Jake Zarnowski



## DISPERSAL SALE Purebred, Unrecorded HOLSTEIN CATTLE

On farm, 5 miles east of HUTCHINSON, KANSAS

Wednesday, Oct. 20

35 HEAD

15 Heavy-producing Young Cows, all in milk or close to freshening.  
2 Bred Heifers  
6 Yearling Heifers

Remainder young heifer and bull calves, and the herd bull, Lyman Valley Ormsby Prilly 850074.

Everything of breeding age is bred to the above bull and calves are by him. This herd was established more than 25 years ago with Wisconsin cows—practically pure, and nothing but registered bulls have been used since the herd was founded.

15 Cows in milk have already produced so far this year over 90,000 pounds of 3.8 milk. Abortion tested. For more information write

Harold Tonn, Auctioneer

Jesse R. Johnson, Fieldman CLINTON BROS. (Owners), Hutchinson, Kan.



## MILKING SHORTHORN CATTLE



## Kansas Milking Shorthorn Annual Sale

Hutchinson, Kan.

Friday, November 5

45 Head

Tops from 26 Leading Kansas Herds

10 Bulls 35 Cows and Heifers

Picked for high quality and heavy production. Health certificate with each animal.

Write for Catalog  
H. D. SHARP, Sale Mgr.  
Great Bend, Kan.



## Studt's Milking Shorthorn Reduction Sale

Monday, October 25

On farm near ADA, KANSAS (Ottawa County)

40 Head

Daughters, granddaughters, sons and grandsons of the great breeding sire Brookside Clay 13th, and carrying the blood of the intensely bred Bates bull Woodlawn Bates. Others sired by or bred to the Kansas State Champion Nauvoo Champion.

Write for catalog.

PAUL J. STUDT, ADA, KAN.

## MILKING-BRED SHORTHORN BULLS

Excellent quality and backed by heavy production. Calves to 14 months old. Sired by Borg's Clay Champion and Griffarm Locust Supreme, out of D.H.I.A. cows, some with R.M. records. 20 head to pick from.

W. S. MISCHLER &amp; SON (Osborne Co.) Kansas

## Milking Shorthorn Cows, Bulls

BULLS 20 months and under. Sire bred by BRUINGTON BROS., Cameron, Ill. Cows to freshen soon. J. W. McFarland, Sterling, Kan.

## MILKING SHORTHORN DISPERSAL

(Private sale) 28 HEAD—one or all together. Duallin and Retnub Farms breeding.

LLOYD DICKINSON, Moran, Kan.

## Lupfer Offers Milking Shorthorns

Registered serviceable age bulls and bull calves with R. M. Ancestry. Herd Federal Accredited.

RALPH LUPFER, Larned, Kan.

## POLLED MILKING SHORTHORNS

## Erickson's Polled Milking Shorthorns

Bred for best dual-purpose performance. Retnub Bachelor Duke in service. Bulls and a few females for sale. E. H. Erickson, Agenda (Republic Co.), Kan.

## DAIRY CATTLE

## Tankersley's Dairy Cow Auction

In Walker's Sale Barn

Clay Center, Kan.,

Friday, October 8

40 HEAD purebred (unregistered) Guernsey and Jersey cows. The heavy-producing, high-testing kind.

30 Cows—12 of them with calves at side. Other close-up springers.

10 Bred Heifers. Nothing eligible to register. Tb. and abortion tested.

C. W. TANKERSLEY  
Clay Center, Kan.

Ross B. Schauls, Auctioneer

## GUERNSEY CATTLE

## Lyn-Lee Guernsey Farm



For your best herd foundation or replacement, buy one or both of the cows consigned by us to the KANSAS VICTORY SALE.

Topeka, Kan., October 7

Both 400 lbs. fat (2 times a day milking).

DAN R. WOHLGEMUTH  
Hillsboro, Kan.

## Don't Forget 1st Kansas State Guernsey Sale

Free Fair Grounds

Topeka, Kan., Oct. 7

1 P. M.

55 Choice Guernseys

"The Guernsey Classic of the Southwest in 1943"

## Our Consignment to the Victory Guernsey Sale

A 5-year-old daughter of BOLDER BRIDGE VIKING with a two-year-old record of 428 fat, her dam 503 fat, both records on twice-a-day milking. Watch this space next issue. We sell 50 head on October 15, Hillsboro, Kan.

W. L. SCHULTZ, DURHAM, KANSAS.

## POLLED HEREFORD CATTLE

## Riffel's Polled Hereford Sale

At Plain View Farm

Monday, November 8

50 HEAD

20 Herd Bull Prospects

15 Bred Heifers

15 Open Heifers

CHAMPION BLOOD LINES

Write for Catalog

JESSE RIFFEL &amp; SONS

Enterprise (Dickinson Co.), Kan.

## HEREFORD CATTLE

## "KING'S HEREFORD FARM"

Offers two choice herd bull prospects, 19 and 24 months old, sired by a grandson of "PRINCE DOMINO 499611," low-down blocky type and in show condition. Priced at \$750 for choice. Also younger bulls \$300 each. Farm 25 miles south of Hutchinson, Kan.

S. W. KING, PRETTY PRAIRIE, KANSAS.

## FRANK R. CONDELL'S HAZLETT HEREFORDS

100 breeding cows in herd. Young bulls and heifers for sale.

DELFORD RANCH, EL DORADO, KAN.

## HEREFORD COWS for SALE

Still offering a few cows with calves at foot sired by a grandson of HAZFORD RUPERT 25th. No Sunday calling, please.

SCHRAG BROS., PRETTY PRAIRIE, KANSAS.

## Registered Herefords

Cows, calves, yearlings and 2-year-olds. Five husky 2-year-old bulls. All of Hazlett breeding. Choice lot of cattle priced to sell. Herd headed by Lassie Tone 8th.

P. F. HANSEN, HILLSBORO, KAN.

## Walnut Valley Hereford Ranch

15 heifers of Hazlett and WHR breeding, bred to WHR Worthy Domingo 41st. 25 open heifers of similar breeding. Also 15 quality yearling bulls.

LEON A. WAITE &amp; SONS, WINFIELD, KAN.

## RED POLLED CATTLE

## Locke's Red Polled Dairy

100 head in herd. 30 cows in milk year round. Franklin (undefeated in show ring) and Red Boy (backed by generations of A.R. breeding) in service. Yearling and 2-year-old heifers. Also bulls, calves to serviceable age.

G. W. LOCKE, EL DORADO, KAN.

## TRIMER Offers RED POLLS

Cows, bred and open heifers and bull calves for sale.

F. J. TRIMER, BLUFF CITY, KAN.



## Fourth Annual North Central Kansas Shorthorn Sale

Beloit, Kan., Wednesday, Oct. 27

64 HEAD inspected and selected from the leading herds of Horned and Polled Shorthorns in this territory.

40 Bulls of exceptionally good type and color  
24 Females—Bred cows and heifers

The breeders and consignors whose names are listed below have permitted the committee to select some of the best individuals in their herds in order that this sale might be a desirable place to secure improving sires and satisfactory females.

Orville Hughes, Broughton  
John H. Ross, Clay Center  
Emerson S. Good, Barnard  
Ed Visser, Riley  
Chester Seaman, Osborne  
Johnson Bros., Delphos  
R. P. Walker & Son, Osborne  
Clyde W. Miller, Mahaska  
Julius Olson, Manhattan  
Dale Olson, Manhattan

Ellis S. Sparks, Bison  
J. M. Neilson & Son, Marysville  
E. E. Booker & Andrew Peterson, Beloit  
S. B. Amcoats, Clay Center  
Will T. Molyneaux, Palmer  
Alfred Tasker, Delphos  
W. H. Molyneaux, Palmer  
G. V. Williams, Hunter  
Meall Bros., Cawker City  
A. A. Tennyson, Lamar

The most desirable bloodlines combined with unexcelled type for breeding and utility, characterize this offering.

For Catalog Write EDWIN HEDSTROM, Secretary, Clay Center, Kan.

Auctioneer: Jas. T. McCulloch. Marvin Aegerter will represent the Shorthorn World.

Jesse R. Johnson with Kansas Farmer. W. W. Gladdish, Daily Drivers Telegram.

MAKE YOUR DOLLARS BUY MORE—BE AT BELOIT OCT. 27

Sales Committee: Arthur Johnson, Delphos; Ed Visser, Riley; Andrew Peterson, Beloit



## Southeast Kansas Shorthorn Sale

On the Dwight C. Diver farm, 1 mile south and 3/4 mile east of Humboldt, Kan., on Highway 59

Tuesday, October 12

40 Selected Shorthorns

27 Bulls. Most of them from 7 to 12 months, few younger and older. 9 Heifers and 4 Cows with calves at side.

Consignments from the Lackey-Laughlin Farm, Humboldt; E. F. Baker, Chanute; Les Jewell, Humboldt; and others. All good Scotch breeding. For catalog write

Dwight C. Diver, Chanute, Kan.

## Nebraska Milking Shorthorn Sale

Fairgrounds

Fairbury, Nebr., Saturday, October 9

40 Head Selected From the Following Nebraska Breeders' Herds

Wm. Sandmann, Jansen  
Alfred Schnuelle, Jansen  
C. B. Callaway, Fairbury  
W. Stewart, Fairbury  
Ted Schnuelle, Jansen  
Henry Pleines, Milford  
Joe Burgess, Lincoln  
Willard Clapp, Elmwood

Sunderland & Sibert, Waterloo  
Dwight Morrison, Clearwater  
Alvin Meyer, Fairbury  
C. L. Hustead, Falls City  
Leo Rowley, Wood River  
Harold Zeilinger, David City  
Frank Allen, David City  
C. G. Barnesberger, Hampton

For catalog write

Arthur Sell, Milford

NEBRASKA MILKING SHORTHORN BREEDERS' ASSOCIATION

Arthur Sell, Secy., Milford, Nebraska



## MILKING SHORTHORN DISPERSAL SALE

9 miles South of Abilene on U. S. Highway 15, then 2 1/2 miles West.

THURSDAY, OCTOBER 28

70 HEAD: Most of them sired by or bred to WALGROVE NOBLE WATCHMAN, highest record sire of the breed in Kansas (7 nearest dams average 17,669 milk and 641 fat).

25 COWS fresh or near calving. A great lot of bred and open heifers and bulls from serviceable ages down to calves including the bull above mentioned. Write for catalog.

Boyd Newcom, Auctioneer

J. R. "BOB" HUFFMAN, Abilene, Kan.

## ANGUS CATTLE

## Registered Angus BULLS AND FEMALES FOR SALE

A choice lot of registered Angus bulls and females ranging from calves to mature animals. Bulls up to two years old. One or a car load. Choice bred of Earl Marshall and Prizemere breeding.

L. E. LAFLIN, Crab Orchard, Nebr.

## Latzke Angus Farm

Bulls sired by our good herd sires, Proud Cap K. 541403 and Elba Jule 2nd 652100.

(Where best type predominates)  
OSCAR C. LATZKE, JUNCTION CITY, KAN.

## HOGS—ALL BREEDS



Reg. Berkshire, Hampshire, Duroc, Poland, O. I. C. Hogs. When you buy hogs get them where they come to you guaranteed to please. Papers furnished. Priced reasonable. Tell us what you want. Ross Stock Farms, Clafin, Kan.

## SHROPSHIRE SHEEP

## Registered Shropshires

Yearling and spring rams and 20 ewes. A choice lot of sheep. All sired by champion rams. Priced to sell.

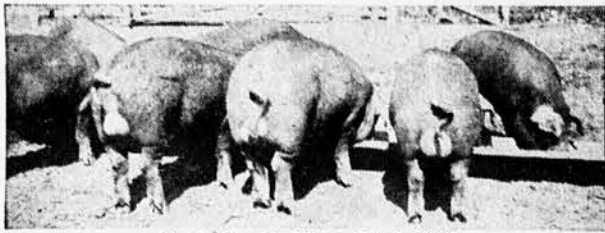
P. F. HANSEN, HILLSBORO, KAN.



# Miller's Duroc Hog Sale

Saturday, October 16, Alma, Kan.

(At 1 p. m.)



Sample of Pigs That Sell

50  
Registered  
Spring  
Boars and  
Gilts

If you are looking for a genuine feeder-type Duroc with lots of quality and style, be sure to attend our sale, as your search should positively end here.

If unable to come, do not hesitate to send a mail bid to either the auctioneer or fieldman, describing the animal you desire. If you don't like their purchase, return it to us at once. We will pay return charges and refund your money in full.

Write for Free Catalog

**CLARENCE MILLER, ALMA, KAN.**

Bert Powell, Auct.

Jesse R. Johnson, Fieldman

## Bauers' Poland China Sale

(Just over the line in Nebraska)

Friday, October 15

55 HEAD — The wide, heavy-hammed sort —  
Sired by three of the great boars of the breed

**SELECTEE IMPERIAL LO-SET**

Out of dams with proven bloodlines, with the grand champion State Fair foundation. The real farmer and feeder type.

40 Spring Boars 15 Selected Spring Gilts  
All Immuned

Sale on farm, 9 miles west of Fairbury, Nebr., on Highway 3. Send bids to Jesse R. Johnson in our care. For catalog write

**BAUER BROS., GLADSTONE, NEBR.**

Bert Powell, Auctioneer

## Rowes' Poland Sale Monday, October 18

On farm, 21 miles south of Topeka on U. S. Highway 75, then 1/2 mile west

50  
Head  
of  
Tops



35  
BOARS  
15  
GILTS

One Litter That Sells

80% sired by the great boar ROWE'S BELGIAN

Litters by Chief of Staff (highest priced boar 1942) and Hub (1941 grand champion). Quality bred for quick maturity and best feeding type. Farmers have a special invitation. Everything immuned.

Write for Catalog

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

H. S. Duncan, Auctioneer

Jesse R. Johnson, Fieldman

## Sunshine Farm Hampshire Sale

Horton, Kansas

Friday, October 22



35 BOARS  
15 GILTS

The type most in demand, bloodlines that have improved the breed. The best from five litters from our Register of Merit Sows, some especially choice ones out of B & B Special sows. Come and see the well-grown, quality sons and daughters of Century's Roller's Echo. Two from the grand champion sow at Kansas Free Fair.

For Catalog Write

**MR. & MRS. WARREN PLOEGER, MORRILL, KAN.**

G. H. Shaw, Auctioneer

Jesse R. Johnson, Fieldman

### O. I. C. HOGS

50 Registered O. I. C.  
Bred Sows and Gilts

to farrow from August 20 to November 1, weighing from 250 to 500 lbs. Also 50 spring boars. Farm 9 miles west, 3 south, 1 west and 1 1/2 south of Kingman, Kansas. Address  
**CECIL DODGE & SON, PENALOSA, KAN.**



**PEDIGREED**

**O.I.C. PIGS**

Special Prices

L. C. Peterson & Sons

Osage City, Kansas

**CHESTER WHITE HOGS**

**COLE OFFERS CHESTER WHITES**

Chester White boars and gilts, weight 150 to 250. Immuned. Three miles south and a half mile west of Meriden, Kansas. **FLOYD COLE, R. 3, North Topeka, Kan.**

**AUCTIONEERS**



**Buyers Pay the Auctioneer**

If he is capable, understands his audience and knows values. His fee is reflected in increased profit to the seller.

**HAROLD TONN**  
Haven (Reno Co.), Kan.

**BERT POWELL**

Auctioneer

LIVESTOCK AND REAL ESTATE

1531 Plass Avenue Topeka, Kan.

**SHORTHORN CATTLE**

**Coffey's Bred Shorthorns**

Bulls 10 to 14 months old. Cows with calves at foot. Bred and open heifers.

**CHRIS COFFEY & SONS,**

Axtell (Marshall Co.) Kansas.

**LACYS OFFER SHORTHORN BULLS**

10 good, rugged, thick, red and roan bulls from 12 to 18 months old, sired by the Canadian champion, Glenburn Destiny. Also a few bred and open heifers and cows with calves at foot or close to calving.

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

**POLLED SHORTHORN CATTLE**

**Banburys' Hornless Shorthorns**

We have 10 weaned bulls and up to 800 lbs. on our sale list. **BANBURY & SONS**  
Plevna, (Reno County) Kansas Telephone 2807

**HORSES**

**Registered Percheron Stallion**

Two years old, nice iron grey. Sired by BRAN-OVER. His dam, daughter of CARALEX.  
**MRS. CLARENCE OGREN, R. 3, Wichita, Kan.**

### POLAND CHINA HOGS

**Hartmans' Big Smooth Polands**

Sale at Fair Grounds

Abilene, Kan.

Tuesday, October 26

25 Boars and 25 Gilts

Sired by ELMO VALLEY BELGIAN (son of Rowe's Belgian) his dam QUEEN ANN (Grand champion of Iowa 1941) Immuned and fed right for future usefulness. Write for catalog. Herd established 43 years.

**J. J. HARTMAN & SON**  
Elmo, (Dickinson Co.) Kansas  
Bert Powell, Auctioneer

**WISWELLS'**

**Annual Poland Auction**

Friday, October 22

20 BOARS — 20 GILTS — IMMUNED  
Sale on farm 7 miles south and 2 miles east of town. Offering by 4 different boars.

**A. L. WISWELL & SON, OLATHE, KAN.**

**Easier Feeding-Type Polands**

Bred sows and gilts. Also spring boars and gilts of Rowe's Belgian, Meddler and Golden Model breeding. Immuned. Reg. Malone Bros., Raymond (Rice Co.), Kan.



**McLIN'S MEDIUM-TYPE POLANDS**

February and March boars and gilts for sale, sired by My Ration (son of Admiration) out of dams by Mc's Green sight (grandson of American Royal grand champion).

**GORDON McLIN, SILVER LAKE, KAN.**

**Spring Boars, Special Prices**

Sired by 4 good boars. Also gilts. We need the room for fall litters.

**ROY ROEDIGER**  
Longford, Kan.

**SPOTTED POLAND CHINA HOGS**

**Billman's Spotted Polands**

Silver Ace in service. Bred gilts for sale. Also spring boars and gilts of best bloodlines. Wild-fire and Mischief Maker. Only tops go for breeders. Pairs not related.

**CARL BILLMAN, R. 2, HOLTON, KAN.**

**Konkel's Spotted Poland Chinas**

Well-grown, thick-hammed, strong-backed, meaty spring boars, sired by THE AMERICAN WAY and KONKEL'S CHOICE. Immuned and registered. Priced for quick sale.

**DALE KONKEL, HAVILAND, KANSAS.**

**SPOTTED POLAND CHINA BOARS**  
with quality and best of breeding. Also unrelated gilts. Royal Mischief and other good strains. Immuned and registered. **EARL AND EVERETT FIESER, Norwich, (Kingman Co.) Kansas.**

## NORTHWEST KANSAS HEREFORD ASSOCIATION SALE

Atwood, Kan., Tuesday, Oct. 19

45 BULLS . . . . . 32 FEMALES

An Unusual Offering—Practically all of the offering are 1942 and early-fall calves. The best from 27 leading herds.

**CONSIGNORS**

R. L. Cathcart, Blakeman  
Forrest B. Carter, Norcat  
Jim Douthit, St. Francis  
Thad J. Douthit, St. Francis  
Henry Euhus, Jr., Oberlin  
Calnon Bros., McDonald  
Foster Farms, Rexford  
Howard Grover, Atwood  
Anton Horinek, Atwood  
Ray M. Higley, Atwood  
H. C. Dunker, Ludell  
Bert Huff, Lebanon, Nebr.  
Jansonius Bros., Prairie View

Dean Libby, Smith Center  
Lull & Diehl, Smith Center  
Henry Miller, McDonald  
H. F. Miller, Norcat  
Bell Morrow, Kanorado  
H. G. Reuber, Atwood  
H. A. Rogers, Atwood  
Clarence Wicke, Blakeman  
H. J. Wicke, Ludell  
Elof Erickson, Rexford  
Delbert Hawkins, McDonald  
Joe L. Vap, Ludell  
Nelssen Bros., Smith Center

Duttlinger Bros., Monument

Write for catalog if interested to

**H. A. ROGERS, Mgr., ATWOOD, KAN.**

Auctioneers: Fred Chandler, Art Leitner

Midwest Hereford Assn. Sale, Oct. 20, Holyoke, Colo.; Northern Colorado Assn. Sale, Oct. 21, Greeley, Colo.; Wagner Hereford Sale, Oct. 23, Kirk, Colo.

## ETHYLEDALE FARM HAMPSHIRE Sale

Monday, October 25



80 Head

1/2 by B & B Special and his sons  
1/2 by Ethyledale Roller (by Steam Roller)  
1/2 by Bolling Victor (our outstanding new herd boar)

Out of sows by King of Clansman and the above sires. Tops from 170 head of spring farrow. The champion pen of Hampshire barrows at American Royal 1941 and 1942 were bred by us.

The 1943 Hampshire sow at Topeka and Hutchinson came from our herd and was sired by B & B Special. For catalog write

**ETHYLEDALE FARM, Dale Scheel, Prop., EMPORIA, KAN.**

Bert Powell, Auctioneer

Jesse R. Johnson, Fieldman



**DUROC HOGS**

**Buy "Fashion Bred" Durocs**

at farm 1/2 mile east of  
**Faucett, Mo.**  
(Faucett is 11 miles south of St. Joseph on  
71 and 40 north of Kansas City)

**Monday, October 18, 1:30 p.m.**

**20 BOARS and 30 GILTS**

Sired mostly by the Minnesota Jr. cham-  
pion The Fashion, and Four Square, a  
grandson of All Star and Golden Fancy.  
For better Durocs of modern type attend  
this auction. You can get a catalog of this  
sale by writing to

**Fred Farris & Sons, Faucett, Mo.**

**WREATH FARM  
DUROC SALE**

On farm just west of town

**Monday, November 1**

**50 HEAD**

Spring boars and gilts, the wide, deep, full-  
hammed, easy-feeding kind. Sired by TYPE  
CORRECTOR and LO-BILT. One litter by  
PROUD CHERRY KING (sire of the All  
American Junior Yearling boar last year.)  
For catalog write

**Wreath Farm, Manhattan, Kan.**

**Spring Boars and Gilts**

The dark-red, medium-type feeding kind.  
Sired by High Caliber. Also several boars by  
Col. Orion (the Iowa and Nebraska champion).  
Pairs unrelated. Satisfaction guaranteed.  
**WM. BOHLEN, DOWNS, KAN.**

**Registered Duroc Bred Gilts**

Excellent quality and breeding. Sired by Red  
Orion and bred to Golden Harvest, a great son  
of Golden Fancy. Also March boars and gilts  
by Red Orion and Kansas Sturdybilt. Inspection  
invited. Immured.

**W. H. HILBERT, CORNING, KAN.**

**FANCY FALL BOARS**

and Bred Gilts, sired by Proud Orion Wave  
First by Proud Cherry King, the Minnesota  
\$2,000 Gr. Ch. Boar. Gilts are bred to Dark  
Col. by Col. Orion, Gr. Ch. Boar of Nebr. and  
la. Weanling boar pigs.

**B. M. HOOK & SON, Silver Lake, Kan.**

**100 CHOICE BOARS, ALL AGES**

Better boars for less money. The dark, cherry, broad-  
backed, shorter-legged, heavy-boned, easier-feeding  
kind. Best new breeding for old customers. Interesting  
literature. Registered. Immured. Shipped on approval.  
**W. R. HUSTON, AMERICUS, KAN.**

**Swanson's Durocs—Limited Number**

of May Boars. If you like the deep red, thick back,  
heavy hams and short legs, buy Swanson's Durocs at  
farmers' prices. Purebred but not registered. New blood  
for old customers. We do not ship on approval.  
**Oscar H. Swanson, R. 5, Clay Center, Kan.**

**ROEPKE'S --- DUROCS**

Heavy-bodied, short-legged Duroc spring  
boars and gilts. Popular bloodlines. Immured.  
Farmers' prices.  
**ARTHUR E. ROEPKE, WATERVILLE, KAN.**

**Reder's Duroc Hog Farm**

Selected spring boars and gilts, sired by an  
excellent grandson of Thickset. Come and see  
them. **P. A. Reder, Atlanta (Butler Co.), Kan.**

**Stuckman's Durocs Are Profitable**

Selected spring boars and gilts. Sired by Red  
Super, heavy bodied. Double immured. Farm-  
ers' prices. **Charles Stuckman, Kirwin, Kan.**

**REGISTERED DUROC SPRING PIGS**  
from high-quality, deep-bodied sows. Quick-maturing  
kind. Golden Fancy, Royal Flush and Orion Cherry  
crosses. Double immured. Priced reasonable. 4 mt. north.  
**Robert Zimmerman, Alta Vista, Kan.**

**BERKSHIRE HOGS**

**BERKSHIRE  
SPRING PIGS**

Excellent type and up-to-date  
breeding. Unrelated pairs. Regis-  
tered and immured.

**SHADOWLAWN FARM**  
Roy Gilliland, Jr., Owner  
Holton, Kan.

**WANTED**

Old Live Horses and Dry Bones  
We Pay More for Them  
Than Anyone Else

**Delivered Our Plant**

**HILL PACKING CO.**

Topeka, Kan.

Tel. 8524

**TAME RABBIT SKINS**

Ship us white or colored tame  
rabbit skins, any quantity, for  
top cash prices. Market high.

**J. E. ISENHART FUR CO.**

1843 Wazee Denver 2, Colo.

**Public Sales of Livestock**

**Aberdeen Angus Cattle**

October 27—Dunrovin Farm, Belton, Mo. Farm  
Manager, Kenneth Conzelmann, Belton, Mo.  
November 4—Nebraska Angus Breeders, Colum-  
bus, Neb. M. J. Krotz, Odell, Neb., Manager.

**Dairy Cows**

October 8—C. W. Tankersley, Clay Center, Kan.  
November 4—Harry and Clair Givens, Man-  
hattan, Kan.

**Guernsey Cattle**

October 7—Kansas State Victory Sale, Topeka,  
Kan. Sales Mgr. Mort Woods, Ardmore,  
Okla.

**Hereford Cattle**

October 19—Northwest Kansas Hereford Breed-  
ers, Atwood, Kan. H. A. Rogers, Atwood,  
Kan. Manager.

November 10—P. A. Hiebert, Hillsboro, Kan.

November 11—Haven Hereford Breeders' third  
annual sale, Haven, Kan. Harold Tonn,  
Sale Manager.

November 12—Morris County Hereford Breed-  
ers' annual sale, Council Grove, Kan. J. B.  
Pritchard, Dunlap, Kan., Sale Manager.

January 7—Kansas State Hereford Association,  
Hutchinson, Kan. J. J. Moxley, Manhattan,  
Kan., Secretary and Sale Manager.

**Polled Hereford Cattle**

November 8—Jesse Riffel and Sons, Enterprise,  
Kan.

**Holstein Cattle**

October 7—Missouri Holstein Breeders' Sale,  
Columbia, Mo. Glenn G. Davis, Sales Man-  
ager, Columbia, Mo.

October 18—Kansas Holstein Breeders' Asso-  
ciation, Abilene, Kan. Grover Meyer, Base-  
hor, Kan., secretary.

October 22—Clinton Bros., Hutchinson, Kan.  
(Grades)

October 22—Central Kansas Annual Breeders'  
Sale, W. H. Mott, Sale Manager, Hering-  
ton, Kan. Sale at Hillsboro, Kan.

October 28—Sixth Annual North Central Kansas  
Holstein Breeders' Sale, Washington, Kan.  
Sales Manager, Raymond Appleman, Linn,  
Kan.

November 2—C. F. Puetze, Manhattan, Kan.  
(Grade Holsteins). G. R. Appleman, Linn,  
Kan., Sale Manager.

November 8—Emil Menold, Sabetha, Kan.

**Jersey Cattle**

October 11—E. L. Persinger, Republic, Kan.

October 19—Kansas State Jersey Sale, Hutch-  
inson, Kan.

**Shorthorn Cattle**

October 12—Diver and Lackey-Laughlin sale on  
Dwight C. Diver Farm, Humboldt, Kan.

October 27—North Central Kansas Shorthorn  
Breeders, Beloit, Kan. Edwin Hedstrom,  
Secretary, Clay Center, Kan.

October 28—Robt. Russell Estate, Harvey Rus-  
sell, Administrator, Muscotah, Kan.

November 5—Kansas State Shorthorn Show  
and Sale, Fair Grounds, Topeka, Kan. Hans  
Regier, Whitewater, Kan., Sale Manager.

November 9—Reno County Shorthorn Breeders,  
Fair Grounds, Hutchinson, Kan., Harold  
Tonn, Sale Manager.

November 16—E. L. Stunkel & Son and W. A.  
Young & Son, Wichita, Kan.

December 3—Nebraska Shorthorn and Polled  
Shorthorn Show and Sale, Columbus, Nebr.  
Thos. Andrews, Cambridge, Nebr., Sale  
Manager.

**Polled Shorthorn Cattle**

November 24—Lewis W. Thleman & Son,  
Concordia, Mo.

**Milking Shorthorn Cattle**

October 9—Nebraska Milking Shorthorn Breed-  
ers' Association. Sale at Fairbury, Neb.  
Arthur Sell, secretary, Milford, Neb.

October 25—Paul J. Studt, Ada, Kan.

October 28—J. R. Huffman, Abilene, Kan.

November 5—Kansas Milking Shorthorn Breed-  
ers, Hutchinson, Kan. H. D. Sharp, Presi-  
dent and Sale Manager, Great Bend, Kan.

**Berkshire Hogs**

October 8—Harold Luhrs, Rockport, Mo.

**Duroc Jersey Hogs**

October 16—Clarence Miller, Alma, Kan.

October 18—Fred Farris & Sons, Faucett, Mo.

October 20—Heart of America Duroc Farm,  
Wathena, Kan.

November 1—Wreath Farm, Manhattan, Kan.

November 3—W. M. Rogers, Alta Vista, Kan.

November 4—Harry Givens, Manhattan, Kan.

**Hampshire Hogs**

October 6—O'Bryan Ranch, Hiattville, Kan.

October 22—Mr. and Mrs. Warren Ploger, Mor-  
rill, Kan. Sale at Civic Center, Horton, Kan.

October 25—Ethyledale Hampshire Farm, Em-  
poria, Kan.

**Poland China Hogs**

October 15—Bauer Bros., Gladstone, Nebr.

October 18—C. R. Rowe & Son, Scranton, Kan.

October 22—A. J. Wiswell & Son, Olathe, Kan.

October 26—J. Hartman & Son, Elmo, Kan.

Sale at Abilene, Kan.

October 29—G. A. Wingert, Wellsville, Kan.

**Jacks and Jennets**

October 22—Golden Rule Stock Farm, Ft. Scott,  
Kan., W. D. Gott, Proprietor.

**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 .....	\$15.60	\$16.00	\$15.50
Hogs .....	14.95	14.80	15.00
Lambs .....	14.50	14.85	14.00
Hens, 4 to 5 lbs. ....	.23 1/2	.23 1/2	.20
Eggs, Standards ..	.41	.41	.37 1/2
Butterfat, No. 1 ..	.46	.46	.44
Wheat, No. 2, Hard ..	1.49 1/2	1.45	1.24 1/2
Corn, No. 2, Yellow ..	1.03 1/2	1.03 1/2	.82 1/2
Oats, No. 2, White ..	.79 1/2	.76 1/2	.52 1/2
Barley, No. 2 .....	1.14	1.09 1/2	.65
Alfalfa, No. 1 .....	25.00	22.00	17.00
Prairie, No. 1 .....	14.00	14.00	10.50

**HAMPSHIRE HOGS**

**BERGSTENS' HAMPSHIRE**

Choice quality, thick, heavy-hampered spring  
boars from popular bloodlines.  
**R. E. BERGSTEN & SONS, RANDOLPH, KAN.**

**Prolific, Easy Feeding, Market Type**

We can supply Hampshire breeding stock for  
the exacting individual as well as the farmer  
who wishes to improve his hog herd. 200 Regis-  
tered Hampshire Hogs sell October 6. Get a sale  
catalog. Write O'Bryan Ranch, Hiattville, Kan.

**"KEY UP"  
for VICTORY!**



**YOU'LL DO A WINNING JOB IN  
KEY SUPER-DENIM OVERALLS—THE  
WINNING BRAND WITH FARMERS**

"What's your favorite brand of work  
clothes—and why?" A big fact-find-  
ing organization asked 2,064 farmers  
this question recently.

KEY Work Clothes won 1st place  
by a wide margin. The reasons?  
LONG WEAR... COMFORT...  
NEAT APPEARANCE.

Made of 9-oz. SUPER-DENIM, not  
ordinary 8-oz. denim, KEY Blue  
Overalls have stronger filled yarns  
that give 50% greater resistance to  
ripping. Graduated body design—  
Sanforized shrunk—snap down flap  
on bib pocket for valuables—all  
men's sizes to 50" waist.

See these new KEY Blue Overalls at  
your dealer's now, and you'll know  
why they won the "popularity poll"  
with more 1st-choice votes than 76  
other brands combined!

**LOOK FOR THE KEY LABEL!**

It is your **GUARANTEE** of Complete  
Satisfaction

**KEY WORK CLOTHES**  
**THE NATION'S FINEST**

**POLLOCK'S, Fort Scott, Kan.**

**"GOOD FENCES  
Paved the Way  
for Today's Heavy  
Food Production"**



... states Alvin E. Peterson,  
Lakefield, Minn.

"Farmers are  
answering the call  
for more food because they've  
been prepared with well fenced  
fields and crop-legume-livestock  
rotations. My own 160-acre  
farm, for example, has been  
steadily building up in fertility.  
Today we carry 165 hogs, 26  
cattle and 1225 chickens per  
year; corn yield averages 85  
bushels. Here's one farm that  
is producing 50% MORE food  
products than 5 years ago."

**"I Depend on Red Brand"**

"All the fence on my farm is Red  
Brand," says Mr. Peterson. "The way  
it's lasting, with a little care, makes  
me realize the long life they built into  
it. Times like these show you whether  
you bought good fence or not. I'm  
satisfied."

NOTE: The Government recognizes  
the critical need for more farm fence;  
so increased quantities of Keystone  
fencing materials are now available.  
See your dealer.

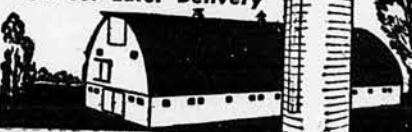
**KEYSTONE STEEL & WIRE CO.**  
PEORIA, ILLINOIS

**RED BRAND FENCE**  
—and RED TOP STEEL POSTS—

**Buy More Bonds!**

**"RED AND WHITE" TOP SILOS  
AND DODSTONE FARM BUILDINGS**

**SPECIALIST  
in Farm Buildings**  
and  
**Red and White Top Silos**  
Make Your Plans  
Now for Later Delivery



Blizzard Ensilage Cutters and Hay Choppers  
NOW AVAILABLE

**DODSON MANUFACTURING COMPANY, Inc.**  
1463 BARWISE \* WICHITA, KANSAS  
Branch Plant CONCORDIA, KAN.

**SALINA CONCRETE  
STAVE SILOS**

**IF IT'S CONCRETE WE MAKE IT**  
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

**NATIONAL Vitrified SILOS  
Everlasting TILE SILOS**

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

**NO** Blowing in Buy Now  
Freezing Down Erect Early  
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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.

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has a Prescription for every  
Curable Animal Ailment. Order  
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Free copy of valuable 24-page  
booklet, "The Cattle Specialist"

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24 GRAND AVE., WAUKESHA, WIS.







# The Tank Truck

News from Your Conoco Agent about Lubricants, Farm Fuels, and Service



At Dawn Came...

# ZERO HOUR!

## THE ENGINE RAN ALL NIGHT WITHOUT A DROP OF WATER!

**P**UT YOURSELF in the Ruhter brothers' shoes when they came out that morning to find their W-30 International tractor purring away all by itself at the end of the field. Here's what E. G. Ruhter has written about it: 'The night before "we opened the petcock which drains the radiator. . . . We supposed the tractor motor would stop when the fuel line ran dry, but . . . the fuel valve was not entirely shut off, so the tractor continued to run with the water all drained out. . . . Next morning . . . the tractor was still running and without a drop of water to keep it cool.'

"We found the Conoco Nth oil still at the proper level and nothing whatever wrong except scorched paint. . . . We filled . . . with water and went right ahead with our farming. . . . 'Yes sir,' we said, 'that's real lubrication.'"

### The Reason is OIL-PLATING!

Chances are you'll never put your tractor engine through a test like the Ruhter brothers accidentally put theirs through. But even when your engine isn't running, there's a special reason why you want Conoco Nth motor oil. That reason is OIL-PLATING, and here's why OIL-PLATING is needed:

All the time your engine runs, it produces acid as a part of its normal products of combustion. As long as it continues to run, it protects itself from harm by expelling the acid. When you shut the engine off, however, some acid always stays behind

where it can attack engine parts left bare when mere liquid lubricant starts draining down to the crankcase.

When you use Conoco Nth motor oil, though, the parts don't all quickly drain bone-dry like that. Patented Nth oil, you see, contains an added synthetic to create a "magnet-like" effect, able to fasten OIL-PLATING to engine parts as protection from acid corrosion—much the same as chrome plating protects your bumpers and hub-caps from rust. And when you start your engine, OIL-PLATING is a

help in protecting vital parts from wear that would otherwise occur before full circulation of oil gets going.

To see how OIL-PLATING works out in everyday operation, let's drop in on Floyd Noffsinger (picture below) out near Center, Colo. He has also used Conoco Nth oil since it was introduced, and writes, ". . . during this time my tractors and trucks have given absolutely no oil or fuel trouble. . . . Could not hope for better performance . . . and I believe I know what good motor oil and fuel performance means."

### THE GREASE VETERAN SAYS:

"No time like right now to go over every last piece of your equipment to see that it's properly serviced with correct grades of oil and grease. We've all had a hard-working year, and lots of us haven't had time to do much servicing up to now. All the more reason why it's got to be taken care of, with Winter coming on. Equipment you're not going to use over the Winter has to be protected so it will come through in shape for Spring. Every chassis part has to be greased. Tractors, trucks and cars have to be changed over to Winter grades of crankcase oil, transmission oil and greases. By seeing to all this right now, you'll be helping your equipment to last longer and to stand up better in the big job of producing foods for Victory."

One way to make it easy to do what The Grease Veteran advises is to make

a list of the equipment you've got and then consult Your Conoco Agent about the oils and greases you'll need. War has restricted the number of visits he can make, but he'll find a way to get around to your place if you let him know what you'll be needing.



Meet Bill Ruhter and his brother Dave, who farm 2400 acres in Logan County, Colo., and Cheyenne County, Nebr. Here they are with their faithful Conoco Agent. They've been using Nth motor oil since it was introduced and unknowingly gave it the severe test described at the left.

### THAT'S AN IDEA

You can make money figuring out ways to make work easier. Send all the ideas you can think of to The Tank Truck, care of this paper. For each of your ideas published you get \$1.00. Win as often as you can.

You can make a handy gadget for driving short tacks, according to Luther Cansler of Overton, Texas, by cutting the end off a key from a sardine can. Hold tack upright between prongs while driving it.

To conserve a new table oil-cloth, Joel Swenson of New Richmond, Minn., cuts squares from the least worn sections of an old cloth and glues them on the underside of the new cloth at the corners.

Harry Tammen of Larned, Kansas, keeps bottle nipples from collapsing while lamb is sucking by burning a small hole just above the bottle with a hot needle.



(AT LEFT) Conoco Agent King calls on Floyd Noffsinger, who farms three quarters of irrigated land near Center, Colo., using two Cletracs and one truck and Conoco Nth motor oil and Bronz-z-z gasoline.

## NOW FREE!

### NEW-TYPE HANDY CONSERVATION CHART FOR YOUR OWN TRACTOR

Another big reason for calling Your Conoco Agent now about Winter lubricants is to get your new Conoco Tractor Lubrication Chart—FREE! This complete, easy-to-read guide—17 x 22 inches in size—is available for any make and model of tractor you own. Your Conoco Agent will tack up your chart in your tractor or tool shed, where it can't get lost, and where you can use it with ease! Get your Conoco Tractor Lubrication Chart now! IT'S FREE!

Your Conoco Agent

ALWAYS AT  YOUR SERVICE