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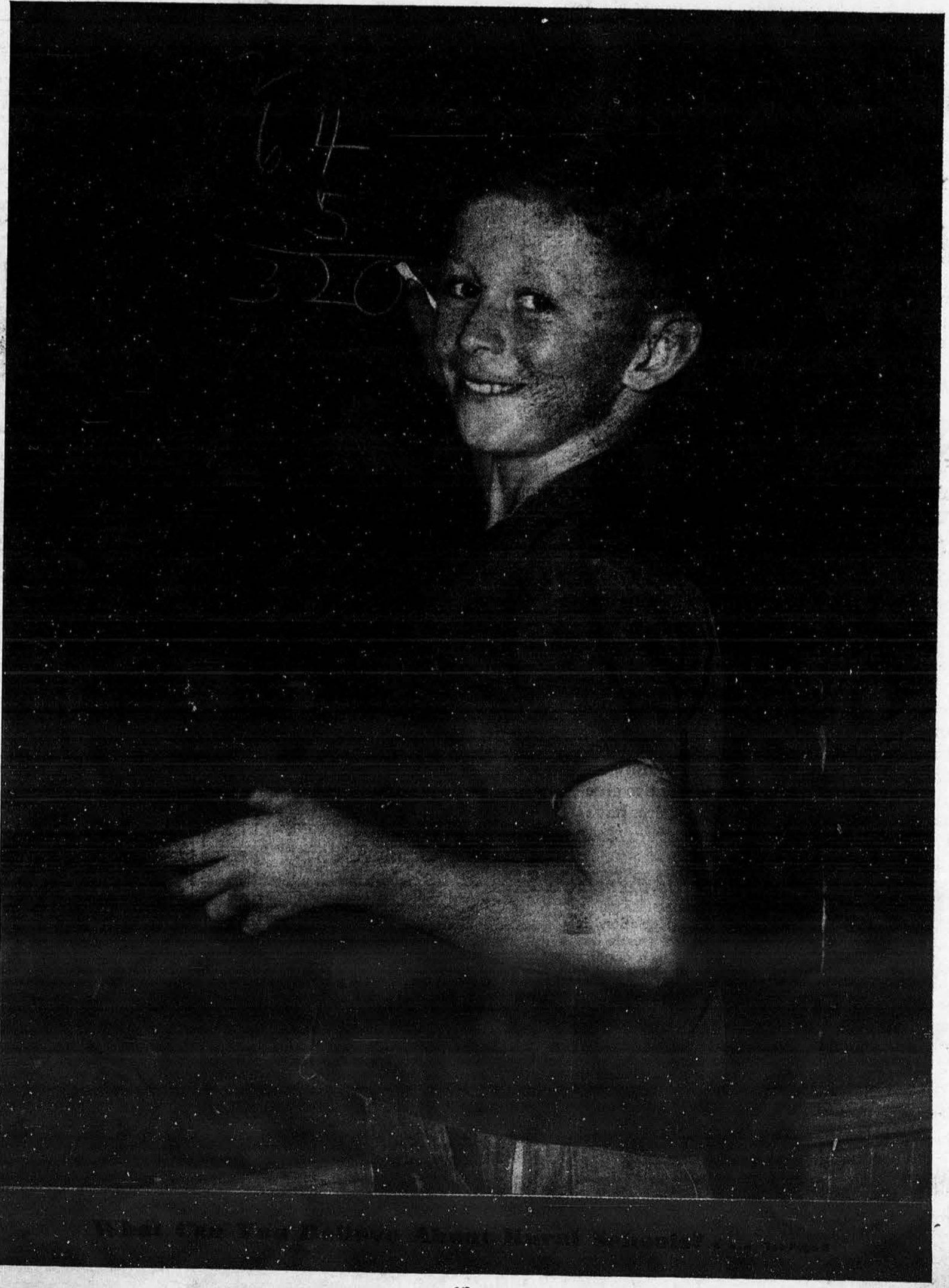
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# Kansas Farmer

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OCTOBER 2, 1948



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For a FULL-TRACTION BITE... It's

# Firestone

LOW PRESSURE\*

## CHAMPION GROUND GRIPS

### THE TIRES THAT

#### OUTCLEAN

No tractor tire can pull unless it cleans. Firestone

Champions OUTpull because they OUTclean. The full-traction tread bars flare outward like the moldboard of a plow and channel the soil out as the tire rotates and flexes. There are no trash-catching "bar-stubs."

#### OUTPULL

The real test of a tractor tire is how it pulls when

the going is tough. You can depend on Firestone Champions to OUTpull because their traction bars are built higher for a deeper bite, longer for a bigger bite, Triple-Braced for a stronger bite, and connected at the center for a full-traction bite — all-the-way-across-the-tread.

#### OUTLAST

Firestone Champions OUTlast because their

Triple-Braced bars cannot wobble and wear, cannot punch their way through the cord body like unbraced bars. The higher, longer, stronger bars of the Champion ride smoother, last longer. It's easy to see why Champions continue to give full-traction tread life long after other tires have worn smooth.

**\*RUNS ON ONLY 12 LBS. AIR PRESSURE**



For a tire to give full traction, it needs not only a full tread, but also a tread that is in full contact with the ground. By maintaining air pressure at twelve pounds, Firestone lets the whole tread come down to earth. The Champion can run safely on such low air pressure because its stronger tire body makes overinflation for sidewall support unnecessary. You get surer footing, smoother going, longer full-traction tread life.

Listen to the Voice of Firestone every Monday evening over NBC

Copyright, 1948, The Firestone Tire & Rubber Co.



**THE ONLY TIRE MADE THAT TAKES A FULL-TRACTION BITE ALL THE WAY ACROSS THE TREAD**

**FOR MORE INFORMATION SEE YOUR FIRESTONE DEALER, FIRESTONE STORE OR IMPLEMENT DEALER**

### Until Dinner Is Ready

**Old Law:** A territorial law in Kansas required that "roads be kept clear of trees and of all stumps over 8 inches high."

**Weed Oil:** Possibility of making a valuable oil from the seed of penny-cress—similar to mustard oils—has been suggested by U. S. D. A. Maybe other weed seed also will produce oils. The oil would be used as a lubricant.

**Hay Oven:** S. T. Dexter, Michigan State College, has devised a simple "hay oven" with a neck to fit over the exhaust pipe of an automobile, with which he can make and soon calculate the moisture content of a sample of new-mown hay.

**2,4-D:** A million acres of wheat treated with 2,4-D for controlling weeds is the record of Kansas farmers for 1948, says T. F. Yost, state weed supervisor for the Kansas State Board of Agriculture.

**X-ray:** A new X-ray machine that can be used in a lighted room has been installed in the School of Veterinary Medicine at Kansas State College. It will be used to discover what ails both small and large animals.

**Pond Meat:** A well-stocked and well-managed farm pond can be expected to produce as much meat to the acre for the family as if it were in good pasture, says W. L. Anderson, of the Department of Agriculture. A yield of 100 to 200 pounds of fish to the acre is not uncommon, he says.

**Apples:** How far north will apples grow? Well, apple trees at Anchorage, Alaska, bloom beautifully in the spring and produce a good crop of fruit for fall. Last September 6, a 25-year-old tree was loaded with fair-size Yellow Transparents, reports The Alaska Farmer.

**Salvage:** Will livestock eat tomatoes? One canning company, starting 15 years ago, devised equipment for drying tomato canning wastes—cores, skins, and culls. As livestock feed this product sold for \$15 a ton then. Last year it brought \$50 a ton. Wastes from 10 vegetables and 6 fruits amount to 4½ million tons a year, says the National Canners' Association. Maybe this can be saved, too.

**Trees:** Top Kansas county in planting trees in the spring of 1948 was Sedgwick, where 65,618 were planted for farm windbreaks, having been ordered from the Hays Experiment Station. Graham county was second with 42,200; Ellis third with 35,050; then came Russell with 29,200; Cloud with 25,320; Decatur, 25,000; Thomas, 23,450; Sherman, 21,200; Rice, 21,000, and Scott, 20,950. Most popular tree: Red cedar with 211,665 planted; second, Chinese elm, 179,850; third, Russian olive, with 67,000 being planted in Kansas.

**Sturdy:** A typical Kansas highway bridge 100 feet long contains 99,540 pounds of reinforced steel and 6,360 pounds of structural steel.

#### Senator Capper on Radio

Every Sunday afternoon at 4:15 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

### KANSAS FARMER

Continuing Mail & Breeze  
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### Handy Ideas

#### Easily-Made Tool

I taper one end of a broom handle and drive it into the hollow handle of a garden trowel. This makes a long-handled tool for digging in the garden without stooping.—Mrs. E. A.

#### Keeps Knob in Place

For that stubborn drawer knob that keeps falling out, try this hint as a cure: Wrap a small piece of fine steel wool around the tip of the knob, then insert it into the drawer. The knob will stay in place.—Mrs. R. E. S.

#### Fire Damages Wire Fence

We are careful of grass fires against galvanized fencing as the heat destroys the protecting film of zinc and causes the lower wires of the fence to rust out quicker which in turn weakens the whole fence.—L. R.

#### Eraser Holds Brads

When starting small brads, I protect my fingers by using a common eraser as a brad-holder. To insure a firm grip, slit end back about 1/4 inch without cutting away any of the rubber.—Mrs. E. A. K.

#### Saves Drawer Mishaps

Ever have the annoying experience of accidentally pulling a drawer out too far and either spilling the contents, or dropping the whole thing on your foot, or both? Red lines painted vertically on drawers near the back will warn you that the drawer has been pulled out almost to the limit.—B. M.

#### Noiseless Doorstop

A good, noiseless doorstop is a woman's rubber heel nailed to the floor or wall where the door strikes. This can be bought at any dime store.—Mrs. C.

#### Attach Sponge to Hose

I find it helps speed up the job of washing my car to attach a large sponge to the nozzle of the garden hose. I cut a hole in sponge large enough to insert the nozzle and tie to the hose.—E. H.

#### New Cork Use

To easily and safely remove the metal base of an electric bulb that has been broken in the socket, put a cork into the base and turn it.—Mrs. C. C.

#### Before You Paint

Is that plaster you are planning to paint lined with "hairline" cracks? If you paint it with ordinary paint, more than likely the oils will be drawn into the cracks, thus changing the color and resulting in a streaked job.

This can be avoided by first painting with unthinned flat paint to which some varnish has been added. Be sure to brush into and over the cracks thoroughly—or the cracks will reappear. After the first coat has dried, it can be painted with whatever paint is desired and the cracks will be invisible.—B. M.

#### Cleans Rulers

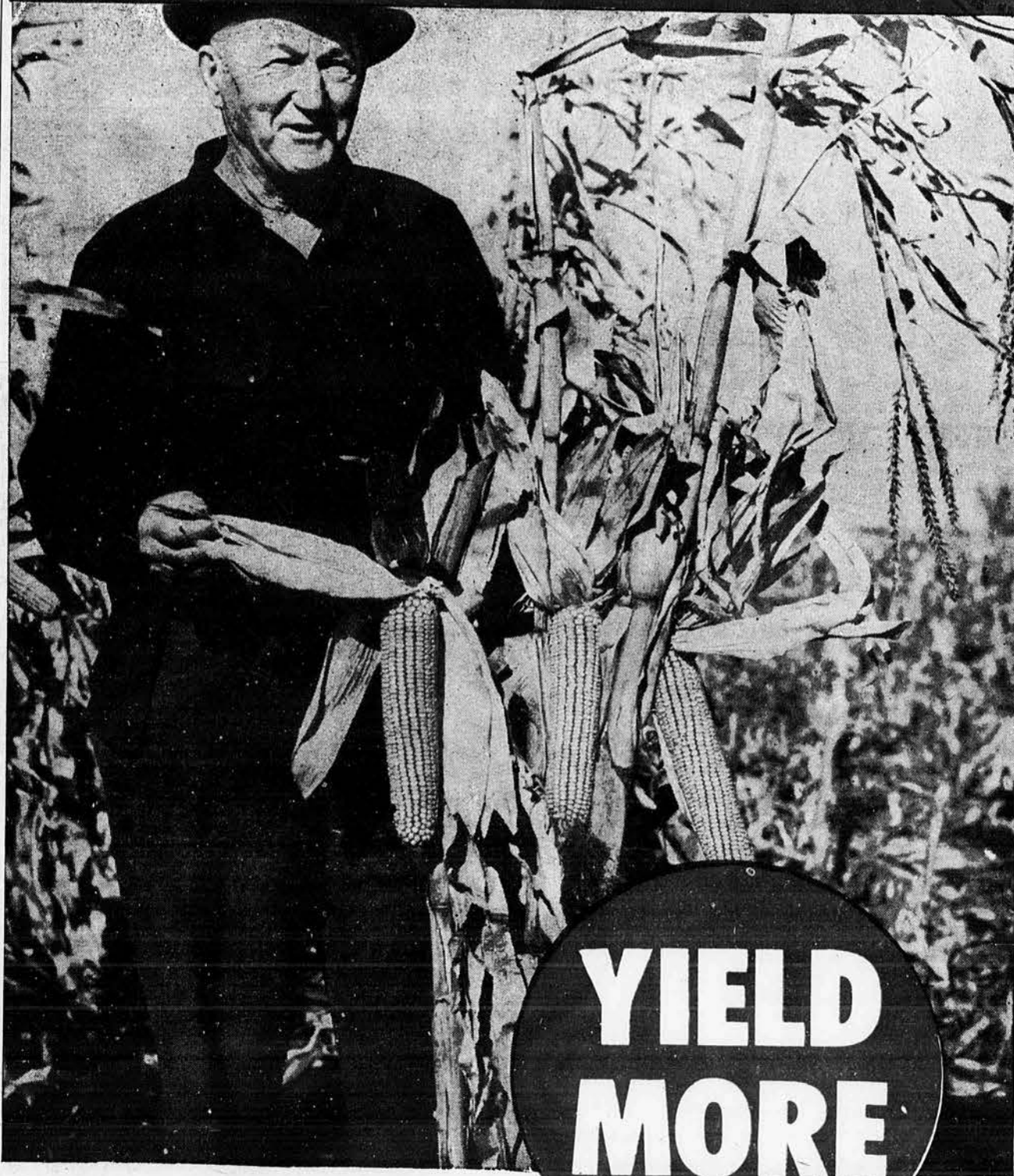
When the markings on a steel square or ruler become filled with dirt and grease, I use a small ball of putty to remove the grime.—Mrs. R. E. L.

#### Another New Play

If you want to liven up the program of your club or community meeting, you should see our new play, "The Hill Billy Wedding." It is a scream! Besides the members of the wedding party, only 8 other characters are required. All characters are dressed in hill billy clothes, most of them barefooted, the women with sunbonnets and in old-fashioned dresses. The men wear overalls and hats. Very little stage setting required. This play may be used in entertaining small or large groups.

The Entertainment Editor, Kansas Farmer, Topeka, will fill orders for the leaflet promptly. Price 5c a copy.

# PIONEER Hybrid



## YIELD MORE

and here's the varieties . . .

1

PIONEER 300 is a truly outstanding late maturing hybrid that is widely planted and that is widely popular throughout all areas requiring a late maturing hybrid. It is one of the great hybrids of the times—and IT REALLY YIELDS.

3

PIONEER 302 is a newer variety that is rapidly gaining in popularity. It is especially adapted to Southeastern Kansas and in Missouri—south of the Missouri River. If you live in either of these general areas—try an acreage of this fine, new hybrid.

2

PIONEER 332 is an extremely outstanding hybrid variety under rough conditions. You will find that it does especially well under drouth conditions and on thin soils. PIONEER 332 is a hybrid that will give a mighty fine account of itself when conditions are really tough.

4

PIONEER 335 is another of the newer varieties that is presently popular and is already headed for still wider popularity. If you live in an area requiring a late maturing corn, by all means, try at least a limited acreage of PIONEER 335.

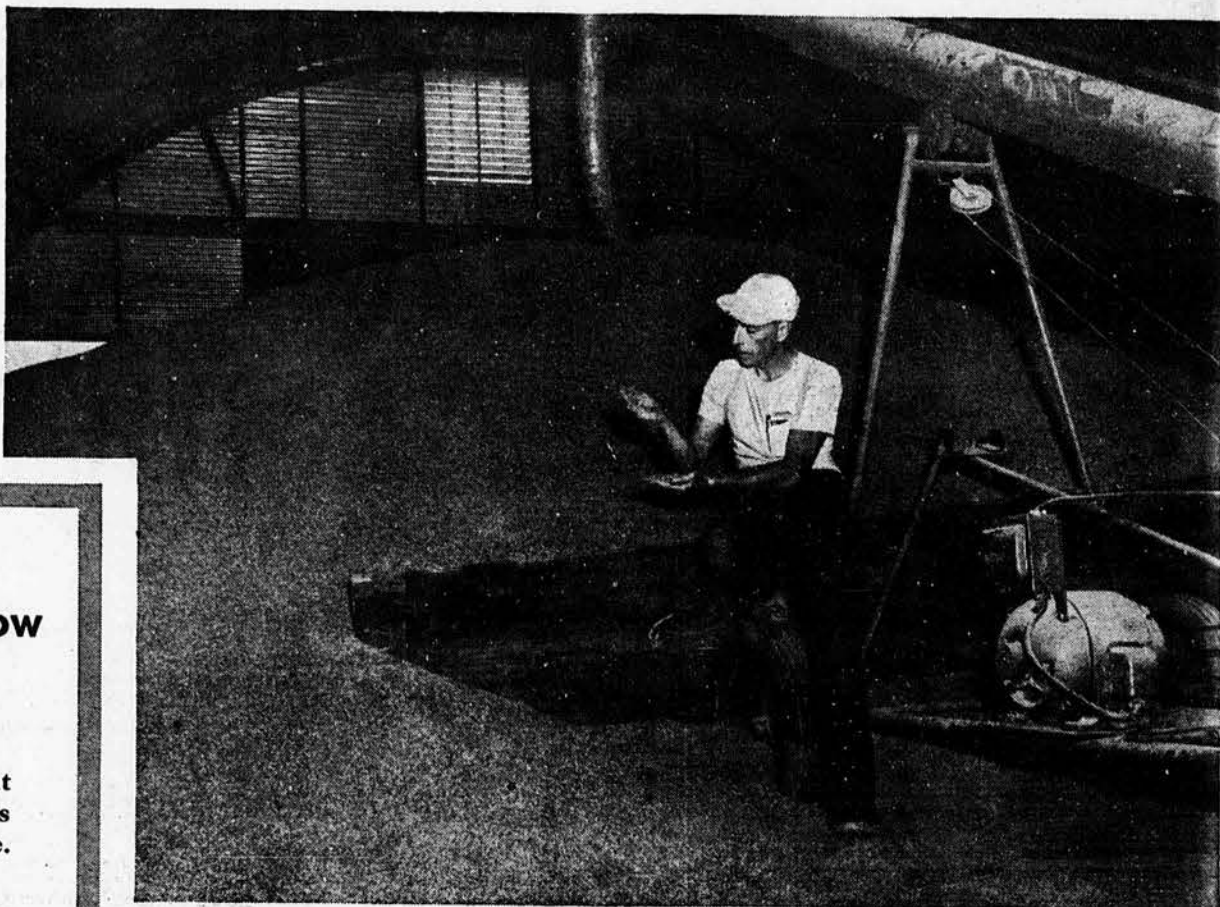
## GARST & THOMAS HYBRID CORN COMPANY

COON RAPIDS, IOWA

# One Farmer Tells Another...



Rex A. Brush, Modoc, Kansas, who stores his wheat in two Quonset 40's, recommends these all-steel buildings as "one of the best answers to today's grain storage problem."



## FACTS YOU WANT TO KNOW ABOUT QUONSETS

- No other type of permanent building has the Quonset's superiorities at so low a price.
- Fastest erection through more efficient Stran-Steel arch-rib construction.
- Most thoroughly proved steel building—durable, permanent, quality construction throughout.
- Nailable Stran-Steel framing makes it easy and economical to install bin liners.
- Ideal for storing implements and machinery, and for many other farm uses, as well as for grain storage.



## QUONSETS\* SOLVE GRAIN STORAGE PROBLEM

Best qualified to recommend Quonset buildings for grain storage are the farmers who have used them for that purpose. Without exception, they are enthusiastic in their praise of Quonsets.

For example, a Modoc (Kansas) grower, who purchased a Quonset 40 three years ago, and another this year—both for wheat—writes us as follows:

"Quonset farm storage is the answer to fast combine harvests. It eliminates dumping on the ground, excessive hauling charges at harvest, and all storage charges. Above all, it gives the farmer control of his grain at all times. I would recommend Quonset buildings to grain producers as one of the best answers to today's grain storage problems."

(Signed) REX A. BRUSH

In other words, a Quonset quickly pays for itself . . . and, what's more, you can have one delivered and erected on your farm in a matter of just a few days.

For fast action, call your nearest Quonset dealer.

# GREAT LAKES STEEL CORPORATION

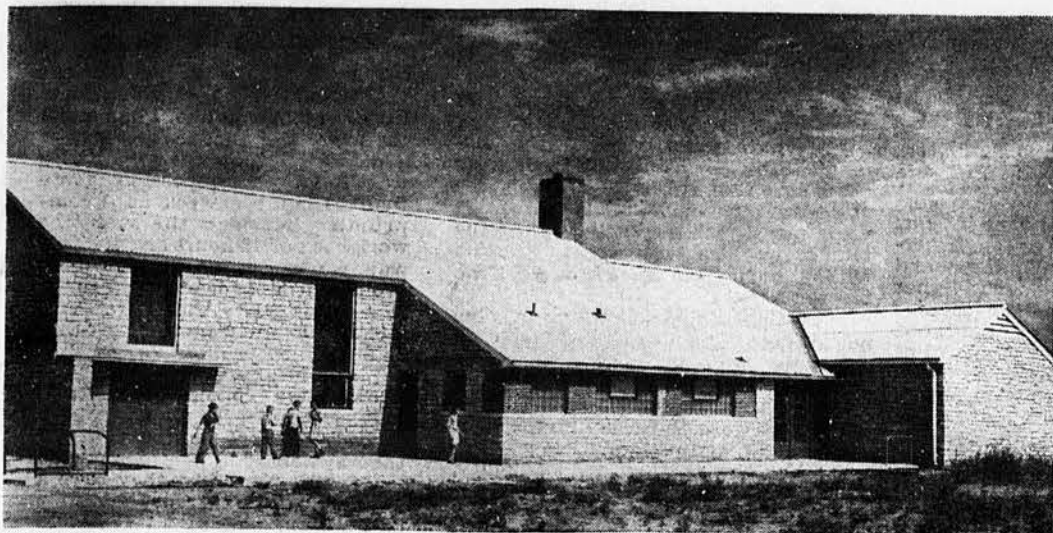
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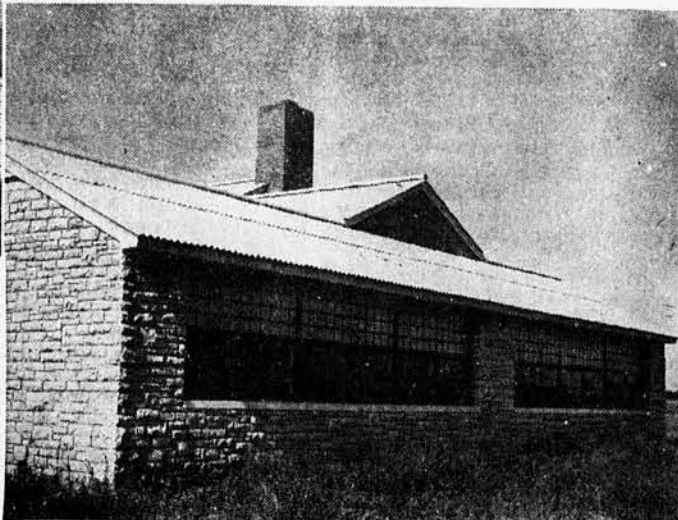
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At Left: Located in the country 10 miles from Winfield, Sunnyside consolidated school has a gymnasium and a modern kitchen for community events.



Above: Classroom section at Sunnyside has 2 rooms for upper and lower grades. Music and athletics are offered students.

# What Can You Believe About Rural Schools?

By Dick Mann

ONE of my favorite songs is an old spiritual called "It Ain't Necessarily So." I think of that song every time I go out for a story on rural schools, because the title fits the rural school situation so well. What I mean is this:

"It ain't necessarily so" that the one-room rural school has nothing left to offer rural youth, altho school officials can sometimes make the argument sound convincing. And "it ain't necessarily so" that consolidating districts, or sending farm children to town school, is the worst calamity that could befall your community. Yet some folks sincerely believe that. Let me give you some examples:

EXAMPLE NO. 1 is School District 3, in Cowley county. Now, here is a district that, by all the rules, ought to be a "dead duck."

Patrons in District 3 have been fighting for 3 years against losing their school. Enrollment has ranged from a low of 3 pupils to a high of 9. The district has been operating without state aid for 3 years because it had fewer than 10 pupils.

Valuation of the district is only \$137,790. The school levy last year was 6.67 mills, which is above average, yet the district was able to pay its teacher only \$135 a month, the lowest in the county (aver-

age for the county was \$189). This year the district will pay more, but will still fall far below the county average and must take a teacher with an emergency certificate.

When the reorganization battle took place, the county committee wanted to consolidate District 3 with Redbud District to the east, or close the school and take the children 6 miles to Udall. Redbud already had a large enrollment and didn't want District 3 added. Patrons of District 3 didn't want to send their children to Redbud, either, because of bad roads. They were just as determined their children were not going to be taken 6 miles away to town school, altho roads to town are good.

At present, the 18 families in District 3 are making a last-ditch stand to keep their school open. Is it worth the effort? If you want to judge this school on the basis of statistics you might answer a hearty NO. Because District 3 doesn't meet any of the state standards for a good school. But, let's not judge this school by a set of figures.

From the county superintendent's office I got the names of several families in District 3. Then I called on the Maurice Satterthwaite family, which consists of Mr. and [Continued on Page 36]



Above: Mauricia Satterthwaite, a graduate of District 3, is in 3 musical groups at Mulvane high school now. She finds no trouble in keeping up with town students.

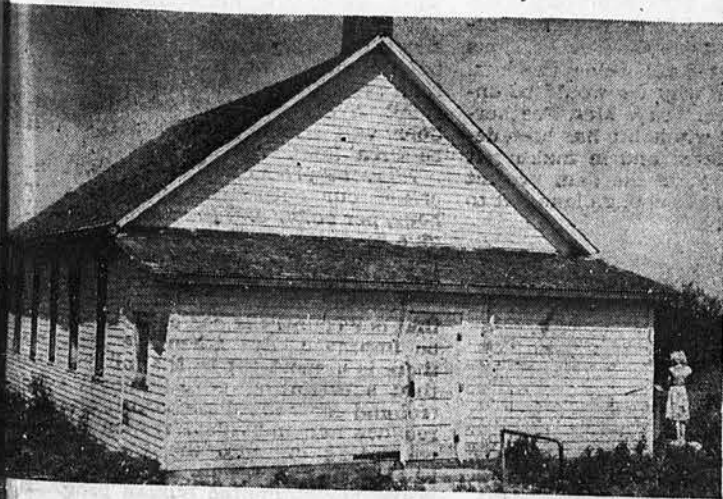
Are you confused about the kind of school that is best for your children? Perhaps this article will help you find the answer. It compares a single district trying to stay alive, and a forced reorganized district. This is the first of 2 articles reviewing 3 entirely different community school problems. Second one will be printed in the October 16 issue of Kansas Farmer.



Above: Paul Satterthwaite is doing fine at District 3 school, altho he has been the only one in his grade for 5 years.



Above: Donald Orand, left, and Dorothy Lee, Martha Ellen and Lloyd Eliston enjoy basketball in the new gymnasium at Sunnyside consolidated school.



Above: District 3 school, in Cowley county, doesn't meet any state standards for a good school. Is it worth keeping? Patrons say YES.

# Let's Stay Free!

By C. E. WILSON, President, General Motors

Here are a few highlights from a speech by C. E. Wilson, President of General Motors. As you know, he is one of America's most distinguished industrial leaders. Visiting with him I found him friendly, understanding, farm wise, the kind of person you would enjoy having in for dinner. I know you will appreciate what he says here.—Raymond H. Gilkeson.

**WE** AMERICANS have been free so long most of us take our free institutions for granted. And despite all we read and hear about what is going on in other parts of the world, we can hardly realize what it would be like not to be free.

Politically, and in a true social and economic sense, a long step backward is being taken in many parts of the world.

We again have slavery in Europe.

Old world ideologies, in serious conflict with our American concept of a free society, are being advocated and promoted by those who claim that their philosophy is "liberal," "constructive" and "in the interest of all the people." As a matter of fact, their philosophy is reactionary, destructive and when put into effect reduces the standard of living and enslaves the people.

It is well for us to remember that our American political philosophy after 175 years is still the new, liberal and revolutionary philosophy in the world today. On its record, it is the best political organization that ever has been developed to promote the well-being of all the people. It recognizes the rights of the individual, and is based on promoting the initiative of the millions and not the dictatorship of the few. Under it our country has made great progress in developing social and economic values and in what our forefathers called the "pursuit of happiness."

The history of the world shows that socialistic theories when put into effect on a large scale cannot be maintained without police state methods, without dictatorship, without loss of liberty and opportunity, without degradation of the mass of the people. So, I say, let's look at the record. Let's look at what our system has accomplished in our own lifetimes. If all Americans would do this, then I am sure they would all say with me, "Let's Stay Free!"

## What We Have

What is this record Americans have accomplished as compared with the rest of the world? Briefly, with 6 per cent of the world's area and 7 per cent of the world's population, we have 46 per cent of its electric power, 48 per cent of its radios, 54 per cent of its telephones, 59 per cent of its steel capacity, 60 per cent of its life insurance policies, 85 per cent of its automobiles and 92 per cent of modern bathtubs.

Social progress has kept pace with and has been made possible by this material progress. Music and art, and all forms of healthful recreation, flourish. We have greatly increased the number and quality of our schools and hospitals. In 1900, one third of the children aged 17 were in high school. Now two thirds of them are. In the last 50 years the death rate among children up to 6 years of age has been reduced approximately 75 per cent, and the death rate between ages of 6 and 60 has been reduced 40 per cent. These are only a few of many examples of our social progress.

In the face of the record I do not understand how any American can doubt the soundness of our institutions. I do not understand how he can even consider adopting policies and principles which when put into effect by governments, either in ancient times or today, have always resulted in a loss of personal liberty and an increase in human misery. Is it any wonder, then, that I repeat, "Let's Stay Free!"

## So Much Expected of Us

Our most acute current economic and social problems are a direct result of the war. Americans have accomplished so much in real human progress, especially during the last 50 years, that much is being expected of us by the rest of the world. We Americans are so impatient to continue the progress interrupted by the two wars that perhaps we too are expecting too

much in too short a time. As a matter of fact, only when we look at other countries of the world can we realize how good a job has been done here at home. America is prosperous. Americans are working at high wages and altho prices are high—much higher than we would like to have them—Americans have more of the good things of life and a higher standard of living by far than any other people in the world or, for that matter, than Americans themselves ever had . . .

There is no way for the average American to have more unless we produce more. We cannot eat food that has not been raised. We cannot ride in a motor car that has not been manufactured.

The real problem of Americans is the same as that of the rest of the world. It is to produce more. Only by doing this can we reasonably satisfy the needs and desires of our people, and at the same time meet the high cost of government while sharing reasonably with the rest of the world.

There is a world food shortage but in appraising it we must keep in mind that there has always been a world food shortage. Probably at no time has more than 25 per cent of the world's population regularly had all the food they needed or would have liked to eat . . .

With the unfortunate world situation, perhaps we cannot immediately stop the inflationary trend, but we must all try. People instinctively fear inflation as they do a fever. In fact, inflation may be compared to a fever. It is a sign of economic ill health just as a temperature is an indication of disease or sickness in one's body. Infla-

tion trends to dissipate the resources of a nation just as a temperature undermines the strength of an individual.

A temperature, as all doctors know, is not a disease in itself. Wise doctors do not attempt to cure a temperature, but to eliminate the causes of the temperature by curing the disease. Let's make sure that we do not contract the leprosy of Socialism or Communism by using measures intended to reduce the temporary temperature of inflation without curing the disease causing the temperature.

. . . We must continue to try to solve our present economic and political problems without surrendering our traditional liberties. This requires that we accept our individual responsibilities which go with these liberties. But in the fight against inflation government has the greatest responsibility, since the present inflation and the continued threat of more inflation have resulted directly from governmental policies, particularly labor, tax and fiscal policies.

The first job of government is to make real progress in reducing the cost of government . . . fewer taxpayer dollars must be spent and we must get value for the dollars spent . . .

The second job of government is to adopt measures that will encourage the investment of private capital in productive enterprise, particularly in ways that will reduce industrial costs and prices. Tax reforms are required to accomplish this.

The third job of government is to help people be more efficient by eliminating every regulation and law that impedes production and distribution and thus unnecessarily raises costs.

The government must cease supporting special interest groups that require employers and their customers to pay for work not performed or to pay excess prices for goods and services . . .

But in our fight against inflation, we

## Plenty of Nothing

I am reminded of an incident that happened in Washington a little over 2 years ago. I had made the suggestion that the real way of avoiding inflation and high prices was to work temporarily more than 40 hours a week as a compromise between the wartime workweek of 48 hours and the pre-war workweek of 40 hours. A prominent labor leader said to me in a small group that I was promoting unemployment of as many as 30 million people.

I good-naturedly said, "You know better. You talk like a Communist. By the way, you've been in Russia; what do you think of their system?"

He said, "Frankly, they have a marvelous system for equitably distributing nothing . . ."—C. E. Wilson, President, General Motors.

cannot leave it all to Congress and other agencies of government. As businessmen, managers and citizens, we have responsibilities to help solve the problem of shortages and to avoid additional inflation. To do our part, we should do the following things:

**Keep ourselves out of debt:** There has never been an unsound boom that was not financed by unsound credit. Only by living within our means can we help the country and ourselves. As a nation we already are deeply in debt. That debt is a first mortgage on the future of every family. We cannot justify second mortgages to buy luxuries . . .

## The Real Test

Insist on a reduction in the cost of government: Even we as a nation are not rich enough to go on forever with Government costs that take more than a quarter of all the wealth that we produce. The question is not whether any particular government activity is desirable independent of cost. The question is simply—is it worth what it costs and can we afford it? This must be our test.

Insist that our foreign trade be on a two-way basis: Without questioning the need to contribute help . . . to the desperate peoples abroad, the fact remains that relief that fails to create profitable employment opportunities abroad will only add to the later despair of these peoples. These nations cannot afford to remain continuously on a charity basis with us. Nor can we long afford to be almoners to the world.

Conserve our spending at home: One of the certain signs of inflation is steadily rising prices as we spend too freely the surplus money we created during the war. In that direction lies disaster.

Keep our costs and prices down: All of us should know by now that simply raising all wages faster than our production increases only raises costs and prices. Ninety per cent of the national income, including money collected as taxes and spent by government, ultimately is paid out as wages and salaries . . .

## Will Be of Help

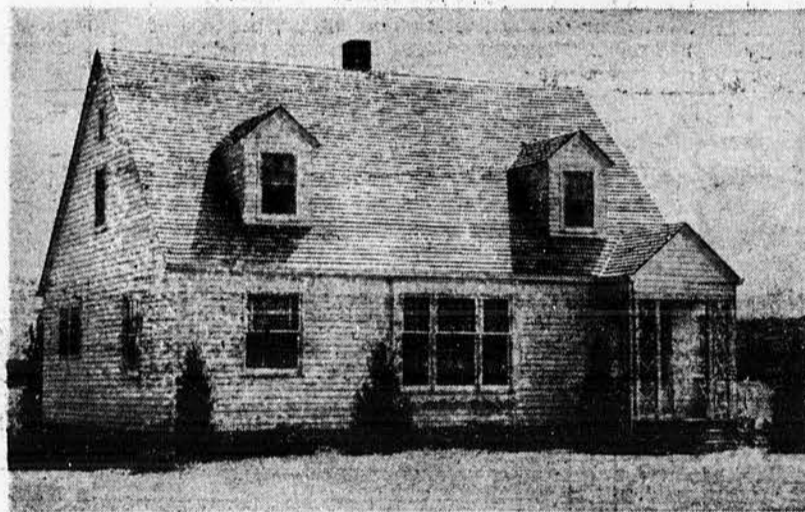
Avoid waste: In this period of shortages of all kinds it is particularly important that all of us do everything we can, both in our business and personal affairs, to avoid wasting anything of value—food, fuel, materials and time. The slice of bread, the bar of steel, the shovel of coal alone may seem too small to be worth saving. But there are more than 140 million Americans and these small savings, multiplied by the millions, will amount to a total that will be a real help.

Increase productivity: We must increase our output per machine, per hour, per dollar and per acre. This will give us more goods at less cost. It is the only way we can get lower prices without lowering wages. . . .

None of us would seriously claim that our country is perfect and cannot be improved. But when we imagine there is a short-cut to the millennium thru substituting governmental control and centralized authority for self-reliance and individual responsibility, we are falling into the ancient old-world delusion which, for over 6,000 years, has stagnated human progress and kept the vast majority of people underfed, underclothed, embroiled in wars and surrounded by famine and pestilence.

So I hope you all agree with me when I say, "Let's Stay Free!"

## Dam Would Ruin This Family Farm



The new home of the Harold Featherstons, shown here, is a modified Cape Cod of 6 rooms. The proposed Pomona dam would leave this home stranded with less than 100 acres of land.

**A**LTHO their old farm home was better than average, the Harold Featherstons, of Osage county, have a modern new farm home of which they are very proud. "The old home was very nice and it nearly broke our hearts to tear it down," says Mrs. Featherston, "but it was located too near the creek and the yard flooded badly. Then, too, we have dreamed of a new, modern farm home for years, and finally decided to go ahead with it."

The new Featherston home is a modified Cape Cod having 4 rooms and bath on the ground floor, and 2 bedrooms upstairs. It also has a full basement and is heated by an oil furnace.

Mrs. Featherston cooks with an electric range and there is an automatic electric hot-water heater that supplies all the hot water they need when they want it.

Harold Featherston was born and reared on this farm and actually has paid for the farm twice. His father died when Harold was 16 and at a time when the farm was heavily mortgaged. Harold took over and paid off the mortgage, then bought the place from the family estate after his mother's death. Their new home was built 2 years ago, largely from materials salvaged from the original family home.

Altho the family is very proud and

happy in the new home, there are clouds in the offing. Army engineers are planning what is known as the Pomona dam as part of the Kansas flood-control program. This dam would eliminate all but about 90 acres of the 584-acre farm and leave the Featherstons new home isolated just below the dam.

"You can see why we would be opposed to the dam," says Mrs. Featherston. "Harold's whole life has been devoted to this farm and in making it what it is today. If the dam project wins we won't have enough land left to go on living here."



This better-than-average farm home was torn down by the Harold Featherston family, Osage county, 2 years ago to build a new home on higher ground.

# Farm Matters

## AS I SEE THEM

**I**T IS being soft-pedaled now. But soon after the November elections you are going to hear much talk and at an increasing tempo of the danger of early war with Russia.

Here in Washington in official circles it is felt very strongly that Soviet Russia is steering a course that shows the Kremlin is willing to risk a war. And our policy at Berlin is indicating clearly to Russia that we, too, are willing to risk a war rather than back down in the face of the Russian blockade of Berlin.

Russia is insisting that we get out of Berlin—and out of Europe. We have served notice that we intend to stay in Berlin along with Britain and France and in Europe.

Some of these days the showdown will come. The showdown will be the use of military force, in my judgment.

In the United States there is a hesitancy to inject this situation into the political campaign. Apparently Stalin and his politburo also are hesitant about forcing the issue until after the elections in the United States.

Barring some incident that might touch off the explosion, only the cold war will be waged until after the November elections.

In this country, there probably will not be official pronouncement that the eighty-first Congress will be asked to appropriate between 2 and 3 billion dollars to re-arm the countries of Western Europe. This is on the supposition that the present "war of nerves" between ourselves and Soviet Russia will not go beyond that kind of war this fall and early winter.

If the tension increases beyond a certain point, there always is the possibility of a special session of the present (Eightieth) Congress to provide the funds to re-arm Western Europe. This time there may be no polly-foxing like lend-lease. Congress will just be called upon to provide the funds—and the people of the United States to furnish the necessary war material—for arming our prospective allies overseas to implement (that means to make work) the Truman doctrine, as fortified by the Greek-Turk loan and the Marshall Plan.

How Mr. Truman and Mr. Dewey will work out the problem of meeting the world situation in the interim between November 2 and January 20 (if and when Mr. Dewey is elected), I do not profess to know. But I am fully confident that with the help of Senator Vandenberg, chairman of the Senate Foreign Relations Committee and Secretary of State Marshall that problem will be solved—if it arises.

Personally I do not look for Russia actually to make war upon the United States in the next few weeks. But I do feel that the danger of war is present every day. And our individual plans for the future, whether farmers or non-farmers, should keep that thought in mind.

During the weeks I have been here in Washington since the Congress adjourned, I have had more time on my hands than for many years. The other day I was looking thru some of the statements I made in the past, and found the following in a radio broadcast I made in December, 1939—nearly 9 years ago:

"The Russian Soviet's final objective has been, and is, a world revolution that will give the world to communism—naturally with Russian communists in supreme control.

"The diplomatic moves were many: England tried to get Russia to fight Germany. England tried to arrange things so that Germany would fight Russia. Britain hoped in this way to have Russia and Germany eat each other up."

"Germany finally decided to join with Russia to destroy the power of Britain and France."

"Meanwhile Russian Soviet strategy was seeking to bring it about that Germany on the one hand, and Britain and France on the other, should fight a war of mutual destruction."

"Today (that was December, 1939, when I made this statement) today—I will not say that the picture may not change later—it looks as if Russia is the greatest threat to the welfare of all the world, perhaps to civilization as we know it."

"Britain and France are now almost as much afraid of a German revolution as of a German victory in the field. Because a German revolution might give over Central Europe to communism and the economic strain of war may not leave Western Europe free from the danger of communism."

That was what I said in a radio broadcast over WIBW on December 3, 1939. In view of the world situation today, I found that statement on world affairs made 9 years ago decidedly interesting.

### Fire Costs Are High

**I** AM glad this is one of our most productive seasons on the farm. It is a great tribute to farm people generally. And to Kansas farmers and their families especially. Because Kansas is one of the outstanding farm states this year. The eyes of the whole country are on our grand state right now.

But there is another side to the picture. By virtue of your huge production, this also could be the most destructive season. The reason for that could be—fire. I am not saying this just to frighten people. But because a real danger exists. Unfortunately, farm families are in greater danger from fires than folks living in towns and cities. Lack of fire protection makes it that way. This is emphasized by the National Fire Protection Association in announcing Fire Prevention Week, October 3 to 9, which it sponsors.

Fire hazards face farmers day and night. I learn that about one third of the persons who are killed by fire each year live on farms—also only one fifth of the people of the United States are farm residents. Last year, fires caused 11,000 deaths—3,500 of them on farms. That is in large part an unnecessary sacrifice, I am told, because fire prevention authorities, backed by the National Safety Council and the U. S. Department of Agriculture, insist that 90 per cent of all farm fires are preventable; they need not happen.

Looking at it from a money angle, the nation's fire loss last year amounted to 700 million dollars, and about 100 million dollars of this loss was incurred on farms. Here is what the National Fire Protection Association says about that. This total fire bill is about equal to:

The combined assessed property valuations of the entire states of Kansas, Vermont, New Mexico and Wyoming.

All money on deposit in all the banks in Maine. The yearly earnings of all the farmers of both South Dakota and Idaho.

And the value of every acre of farm land and every farm building in Oregon.

That certainly tells us in a clear way what the money loss amounts to in just one year. "If simple, common fire hazards were removed," says the association, "the huge financial loss and the appalling

death toll would be cut to a fraction of what they now are."

I know the best way to solve a problem is to face it with all the helpful facts available. The most helpful in this instance will be knowing what causes farm fires. Authorities I have been quoting show that lightning is the leading cause of farm fires, being responsible for 37 per cent of all of them. Since the lightning season is about over for this year, you can heave a sigh of relief on that point. But it will be wise to protect against it for next season. Lightning rods of the right size and material, properly installed and maintained on every farm building, are recommended for eliminating this leading fire menace, which also kills 400 farm people a year and injures about 1,000.

Ranking second as the cause of farm fires are defective chimneys, flues and stovepipes. These can be remedied by repairing cracks and defects with proper materials, as you well know. Third fire cause on the farm is improper handling of petroleum products. I find many folks are burned each year by using gasoline to start or hurry-up a fire in the kitchen stove.

In a tie for fourth place in starting farm fires come sparks on roofs, and matches and careless smokers. These each cause 7 out of every 100 farm fires. A spark arrester will make your home safer, fireproof roofing will help. And you know how to handle visitors who are thoughtless about matches and smoking near your buildings.

Stoves, furnaces, boilers and their pipes—improperly installed or in bad condition—are next in order as causes of farm fires. Then comes spontaneous ignition. This is one of the principal causes of the 20,000 barn fires that occur each year. To prevent fire from this cause, it is recommended that frequent inspections be made in stored hay and grain. There is a hay probe containing a thermometer that will give you accurate temperature any place in the hayloft, I discover.

Friction sparks from running machinery, misuse of electricity, hot ashes and open coal fires come in the 2 and 3 per cent class as causes of farm fires.

This information isn't new to farm folks. But having it fresh in mind, you can make a thoro check-up about your home and buildings to see that these hazards are eliminated. Maybe one thing to do will be to take combustible materials—papers, magazines, old clothing, broken toys, old furniture, old feed bags and boxes—out of attics, closets, basements and barns. I recall when we were thinking about air raids during the war, a lot of folks were amazed that so much stuff had accumulated in their attics. I am told it is even necessary to keep dust and cobwebs away from power machinery to prevent sparks from setting a flash fire.

I hope this most-productive season will not turn out to be the most destructive season—from fire. It doesn't need to be.

*Arthur Capper*

Washington, D. C.

## Out After the Farmer Vote

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

**W**ASHINGTON, D. C.—It now seems those who would make the farmer the goat for high prices, thru federal legislation, will have to do it over the dead bodies of the 2 leading candidates for the Presidency.

At Dexter, Ia., President Harry S. Truman not only bragged about the price-support program as one of the outstanding accomplishments of the Roosevelt-Truman administrations, and promised continued support for the program, but added:

"The truth of the matter is that by encouraging the record production of the last few years, the support program has actually kept consumer prices down."

And not many hours later, at Des Moines, Ia., Gov. Thomas E. Dewey, Truman's Republican opponent, told his audience:

"We must, and we will, maintain support prices so our farmers can go ahead confidently with full production of the food our growing nation needs."

### How Farm Income Looks

Latest "Farm Income Situation" from the Bureau of Agricultural Economics indicates that farm income for 1948 probably will be below that of

1947; gross farm income is expected to be about the same as last year.

Farmers' cash receipts during the first 6 months of this year were 6 per cent higher than for the same period in 1947; July and August cash receipts were practically the same.

Farmers received about \$17,900,000,000 from marketings the first 8 months (January thru August) of this year, about 4 per cent above the same period in 1947. Livestock and livestock products accounted for \$11,200,000,000, up 10 per cent from a year ago; crop re-

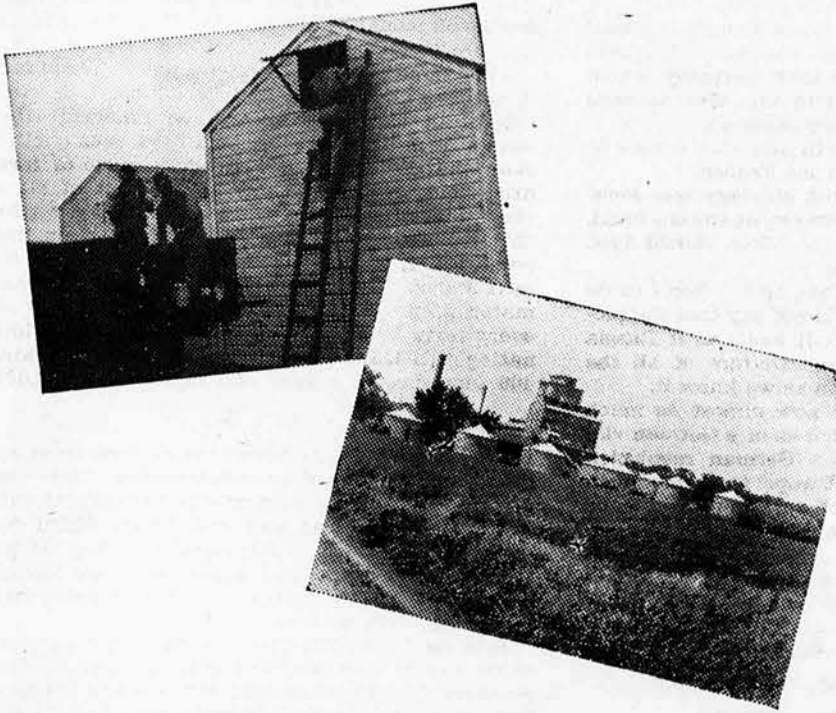
ceipts of \$6,700,000,000 were down about 4 per cent.

### How Farm Costs Look

"Altho prices received and farmers' cash receipts are up a little on the average, the prices they have had to pay and their total production costs are higher," the BAE comments. "And the increase in costs is probably more evenly distributed among individual farmers than is the increase in receipts."

"Prices paid by farmers for commodities used in production during the first 8 months of 1948 averaged 14 per cent higher than prices paid in the same months of 1947. Expenditures on farm (Continued on Page 34)

# Why lose 5% of Your Stored Grain to Insects?



## Dowfume EB-5

controls grain pests in farm and elevator bins

The United States Department of Agriculture reports that American grain pests have a \$600,000,000 appetite. They annually destroy 300,000,000 bushels of grain, which represents 5% of the stored crop.

### EFFECTIVE—ECONOMICAL

Dowfume EB-5 is remarkably efficient in controlling stored grain insects, particularly those infesting the surface layer. Excellent penetration, combined with high toxicity, makes Dowfume EB-5 ideal for the control of pests in *all* levels of the bin.

The best time for treating storage bins is during the early storage season—August or early September. This usually affords good protection until early spring. When properly applied, Dowfume EB-5 has no harmful effects on grain, imparting no off odor or taste. The chemical is applied by spraying evenly over the grain surface through a length of  $\frac{1}{8}$  inch pipe without a nozzle. Either a hand or a power sprayer may be used.

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## We Are Seeing America

Why Don't More Farm Folks Take Vacation Trips?

By FRANCES R. WILLIAMS, Marshall County

This time Mrs. Williams takes us on a visit to the sea captain's daughter who spent 12 years aboard ship. So let our traveling farm woman writer introduce you to Mrs. Alice Rowe Snow. You'll like her. . . .



Mrs. Williams, at left, interviewing the sea captain's daughter, Mrs. Alice Rowe Snow.

ONE of our young friends asked us to send her a picture of an old sea captain. We doubt whether any of the captains of the old sailing ships are still living. But meeting the daughter of a sea captain proved a delightful experience. Cousin Clara said, "I want you to meet Alice Rowe Snow, one of the most interesting persons I know. She spent 12 years of her life aboard her father's sailing ship."

Mrs. Snow lives in an attractive cottage in Winthrop, Mass., a suburb of Boston. We sat in her living room one afternoon in September, while she related the events of her life. Outside on the screened-in porch, her 10-year-old grandson and 2 companions played cops and robbers. Sometimes they raced thru the house and had to be "shushed" by Mrs. Snow.

The point of interest in the cozy room was a large hooked rug on the floor. It was about 10 feet square and done in lovely soft shades of blue. A three-masted sailing ship, lying at anchor and done in white, in the midst of a school of whales was the scene depicted in the center of the rug. The border pictured various forms of marine life.

### She Designed the Pattern

When we remarked on the beauty of the rug, Mrs. Snow informed us she had made it on a frame in the same manner as one does a quilt. She designed the pattern. The ship was her father's, the barkentine "Russell" on which she spent 12 years of her girlhood. One time the ship lay in the midst of a school of whales. The ship on the rug was nautically correct, every sail in its place. Her sketch was approved by an authority on navigation before the rug was begun. This rug has been in constant use for 15 years. Several wall hangings, also hooked, and pictures of ships in full sail done by our hostess show her skill in handicraft.

Behind glass doors of a cabinet, the shelves filled to overflowing, are kept the interesting collection of shells and curios gathered from many lands by Mrs. Snow's father in the years he sailed the Seven Seas. The object of greatest interest to Mrs. Snow's 4 sons when they were young, and now to her 2 grandsons, is the poisoned dagger. Only on rare and very special occasions is the great dagger ever taken from its sheath and no one is ever allowed to touch it. Mrs. Snow related how she had tried to impress upon her sons the danger, but one time came upon the boys actually playing with the thing.

### "Back in 1883 . . ."

Mrs. Snow began her story: "In 1883, when I was 6 years old, my father, Captain Joshua N. Rowe, sailed from England with a cargo of goods bound for ports on the coast of South America. With him on board the barkentine 'Russell' were my mother and me. I took my pet kittens and my dog. I spent the next several years on board the ship, until I was nearly 18 years old and quite a young lady.

"I never attended school as most children do, but my mother taught me. We had regular periods for lessons and studies and I learned many things not taught in school. By the time I was 12, I could chart the course by the stars, I could box a compass; I knew every sail by name and where its place was."

She recalled 2 different voyages around Cape Horn. "Once in a raging storm, when the ship was damaged, and we were almost washed overboard, and salt water washed into the freshwater casks." Only the ingenuity of her father saved them from death by thirst. The other voyage around "The Horn" was at a time when the sea was calm thru the treacherous straits, which was a rather unusual occurrence.

"We visited the island of Robison Crusoe several times. We explored the cave where he had lived. I gathered many specimens of ferns and plants that grew on the island." She paused to bring up a book from the library

and showed us the plants she had gathered and pressed, still in perfect condition after 60 some years.

On one of the voyages Mrs. Snow was given a zither, but it was some time before she learned to play the instrument. However, on one trip along the South American coast they met an English captain who taught her to play the instrument.

The zither was destined to bring romance into the life of Alice Rowe. When she was nearly 18, she left her father's ship to visit her aunt in New England. A young man heard the sweet music as she played the zither, fell in love and married her. They reared a family of 4 sons and celebrated their golden wedding anniversary.

Once Mrs. Snow inherited a legacy from a cousin. "Perhaps, I should have saved the \$1,200 for my old age," she said. "Instead, my husband and I had a wonderful trip to Bermuda. I have pleasant memories to carry with me in my old age." Since her husband's death she has published the experiences of her life in a book, "The Log of a Sea Captain's Daughter." It is illustrated with her own sketches.

### Many Things to Do

Mrs. Snow's life is filled with various activities. She often appears on the radio program of her son, Edward Rowe Snow, on one of the Boston stations. She may play the part of one of the characters in a historical sketch, which her son often presents on his program. Or she may be called upon to play her zither. She has given lessons in handicraft. Her lectures are popular with school groups and adults as well. She has taken extension courses at the university.

A few days prior to our visit she had been at the scene of her son's latest adventure. Edward Rowe Snow was then engaged in searching for treasure aboard a sunken pirate ship, sunk off the coast of Cape Cod in 1700. Her eyes sparkled as she declared, "My family and I live a dramatic and adventurous life." We agree with Cousin Clara. Mrs. Snow is an interesting person.

More travel experiences by Mrs. Williams will be printed in an early issue.  
—R. H. G.

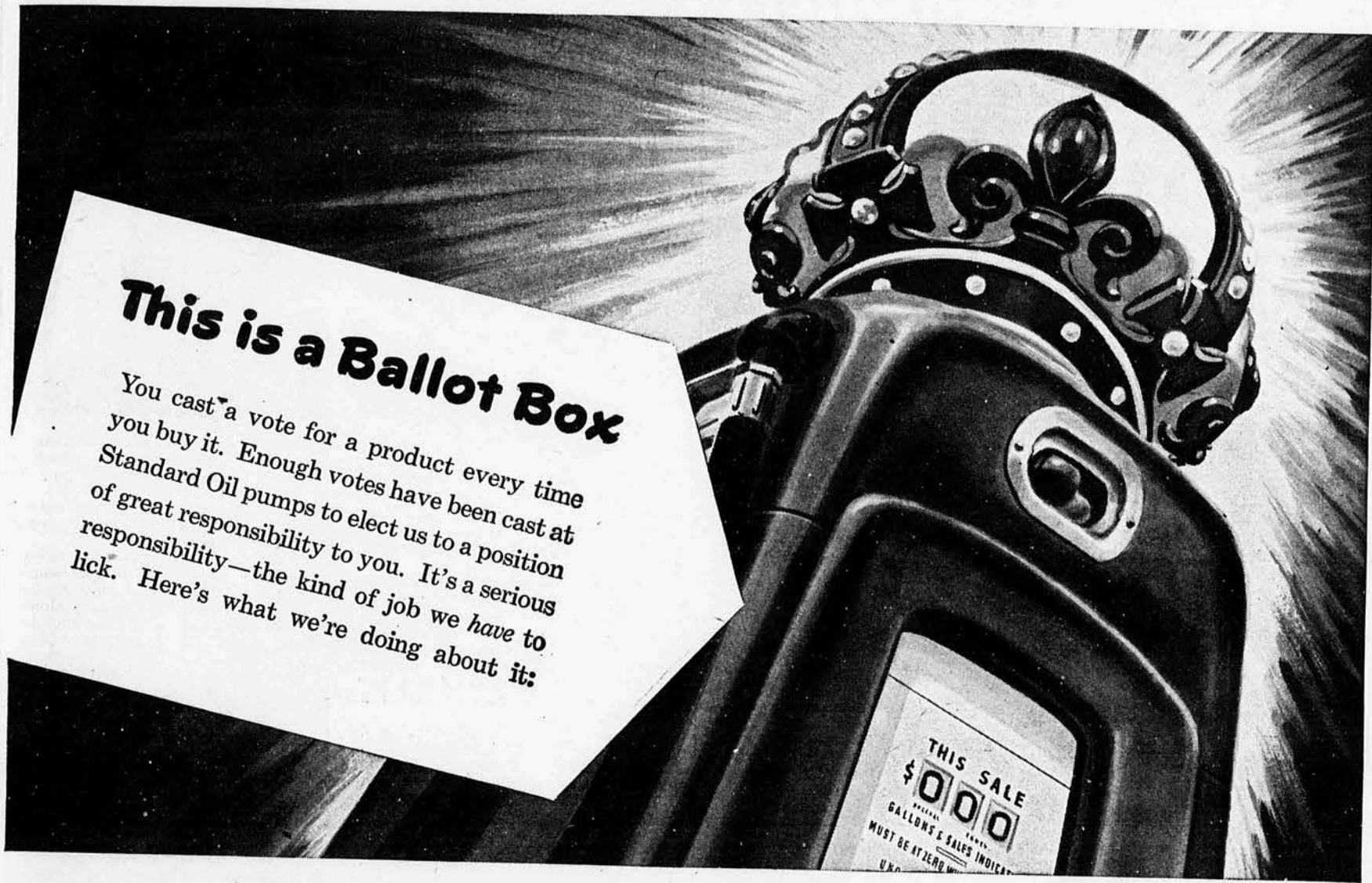
### Poultry ABC's

The ABC's of poultry raising are contained in the Kansas State College Agricultural Experiment Station circular, "Poultry Management." Nearly every phase of poultry raising will be found in this 78-page booklet, with more than a score of illustrations and charts.

For the beginner, this booklet will be found invaluable, while others will find many subjects of interest and help, outlining better methods of doing certain things to make for higher production. Also, poultry diseases and insects are given much space in the book.

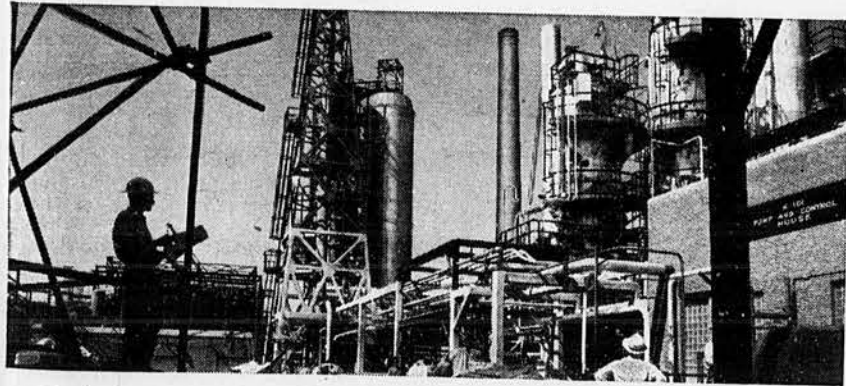
Arrangements have been made with the College to send you a free copy. Send your request to Farm Service Editor, Kansas Farmer, Topeka. Please order your copy soon as the supply is limited.



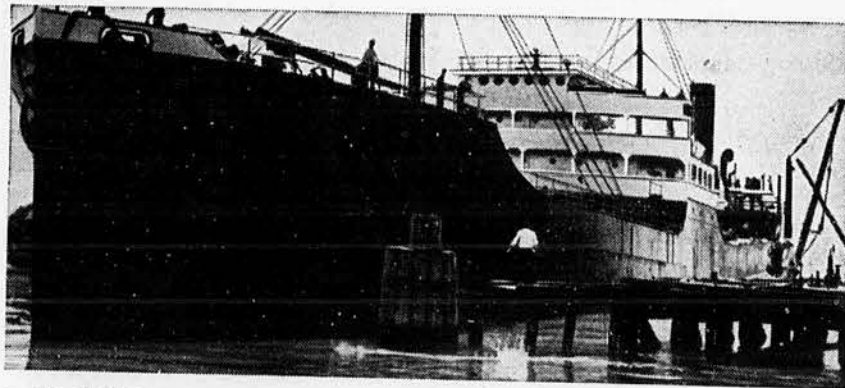


## This is a Ballot Box

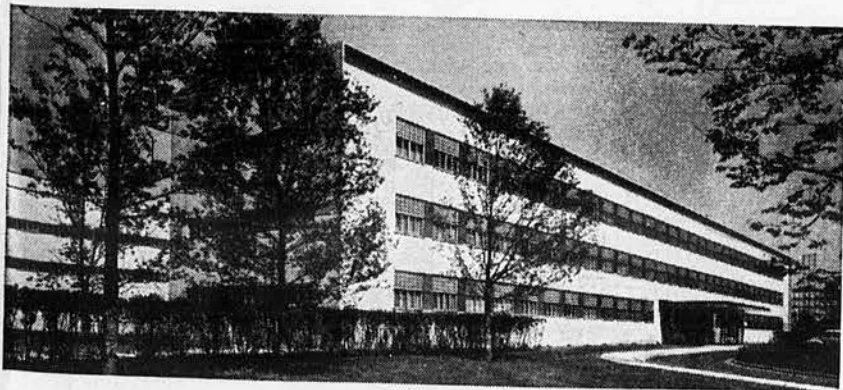
You cast a vote for a product every time you buy it. Enough votes have been cast at Standard Oil pumps to elect us to a position of great responsibility to you. It's a serious responsibility—the kind of job we *have* to lick. Here's what we're doing about it:



**1. WE'RE SPENDING \$600,000,000.** In three years—1946, 1947 and 1948—the expenditures of this company and its subsidiary companies, aimed at bringing you the petroleum products you need so urgently, will total that amount. In our effort to meet your tremendous, rapidly increasing demand, we are breaking the records set last year for output of crude oil and finished products.



**2. TO BRING YOU MORE OIL** we spent in 1947 alone over twice our net profit for new refinery units, tankers, pipe lines, oil and gas wells and many other facilities. Total expenditures exceeded the wages and benefits of our 46,000 employees, who in 1947 averaged over \$4,000 each. We spent over 7 times the amount we paid our 97,000 owners, whose average dividends were \$314 each.



**3. EXPENDITURES ARE INSURANCE.** For example, our new research laboratory, pictured above, promises continued progress. Over the years, Standard Oil's research has helped bring about great increases in the amount and quality of finished products we get from crude oil. Such progress helps assure our employees' jobs, and a fair return to our owners. It means more and better petroleum products for you.



**4. MANY CANDIDATES COMPETE** for your votes. There are many producing, refining, transporting and marketing firms in the American petroleum industry. They give us strong competition for your business. The best way to deserve your support is to maintain the kind of service and quality that win votes in this business democracy. That's what we're constantly working to do—in all seasons, despite all handicaps.

Standard Oil Company  
(INDIANA)



Replace with a

# DELCO

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## LONG TIME

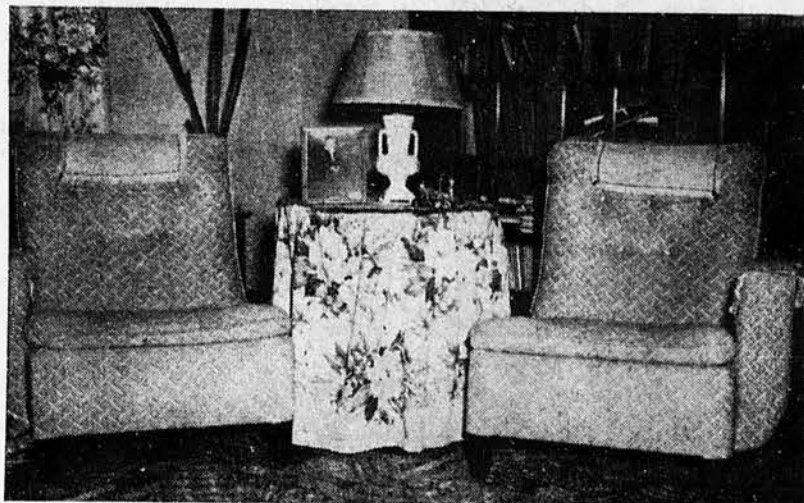


DELCO BATTERIES FOR PASSENGER CARS, TRUCKS, BUSES AND TRACTORS ARE SOLD BY DELCO BATTERY DEALERS EVERYWHERE

### DELCO-REMY

WHEREVER WHEELS TURN OR PROPELLERS SPIN

### Makes Furniture From Anything



You would never guess this table was made from an old kitchen stool. Mrs. Ford put on a new top and dressed it up with flowered drapery material.

IF EVERY farm woman was as handy at "fixing things" as Mrs. Leonard Ford, it wouldn't make any difference whether we ever got new furniture on the market again.

At least, that is almost the situation. For instance, Mrs. Ford has a very attractive davenport in her living room that looks as tho it had just come from the store. Actually, the junkman offered her \$2.50 for it 8 years ago.

Mrs. Ford spurned the offer, stripped down the davenport, tore off some outdated wing-type arms, retied the springs and completely recovered it. Total cost was \$18 for a job that would have cost \$50 in town.

She has made a complete set of curtains out of 8-cent muslin because she couldn't buy curtains. They are attractive, too, but more so are drapes made of the same material, and then dyed.

A front seat from an old Chevrolet Tudor car now is an attractive living room chair. It is one of those single seats with a folding back. She mounted it on a box as a base, repadded the seat, and covered it with an upholstering material.

Her son, Verne, made a footstool to go with it and also a clever end table to complete the grouping.

An attractive living-room table was made by taking an old, wornout kitchen stool, putting a round plywood top on it, then dressing it up with drapery material. An old daybed was made over into a studio couch with a little ingenuity. Mrs. Ford picked up a mattress from the sleeper cab of a large truck and found it just fit. Cush-



This attractive chair in the home of Mrs. Leonard Ford, Hodgeman county, was once a car seat. The footstool and end table also are homemade. Mrs. Ford made the clown doll, too.

ions for the studio couch were made from the pad originally on the daybed, but layers of cardboard were used in between pads to make the pillows firm.

Other home improvements include a homemade vanity table for the bathroom, a refinished bookcase, re-caning a chair, and many others.

With good taste for color and arrangement, Mrs. Ford makes all of her work fit neatly and naturally into the general home atmosphere.

### GRANDMA . . . By Charles Kuhn



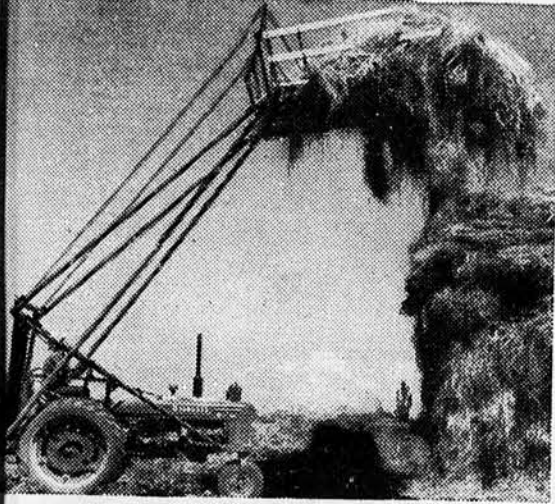
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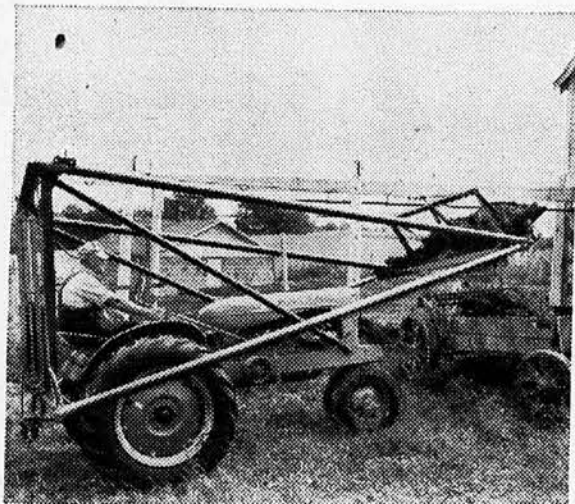
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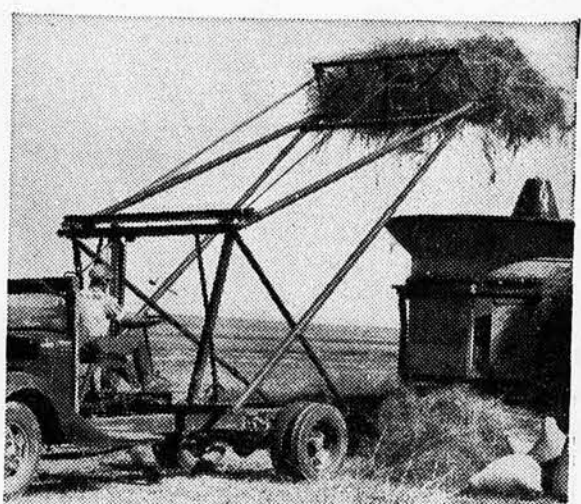
"Greatest labor-saver on the farm...  
My FARMHAND does 5 men's work,  
quicker... cheaper... faster!"



**ONE MAN** operation saves me up to \$3.50 a ton on haying. With my FARMHAND Hydraulic Loader I can scoop up windrows, half-a-ton to a load, clear up to 15 acres a day. Takes just one man to build huge stacks with a FARMHAND Loader plus Push-Off Attachment. Stacks 5 to 6 tons an hour—and look at the money I save!



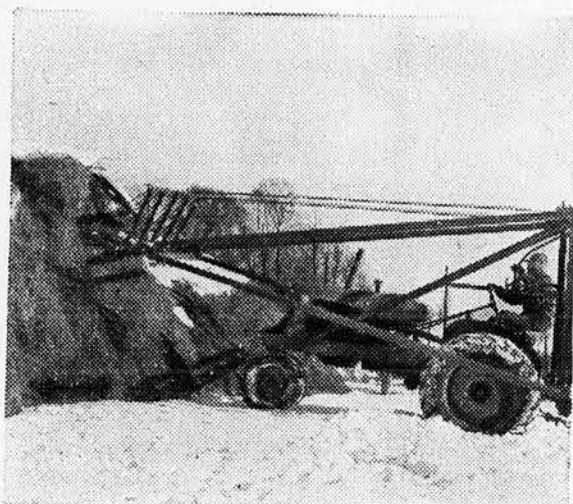
**ONE MAN** is all you need to load manure—when you've got that brute-strong FARMHAND hydraulic power to do the lifting. Hoists 1,000 lbs. of manure like nothing. Loads a spreader in three minutes for less than 5¢ operating cost. "Wrist-Action" control deposits loads gently, evenly, where you want them. Talk about economy!



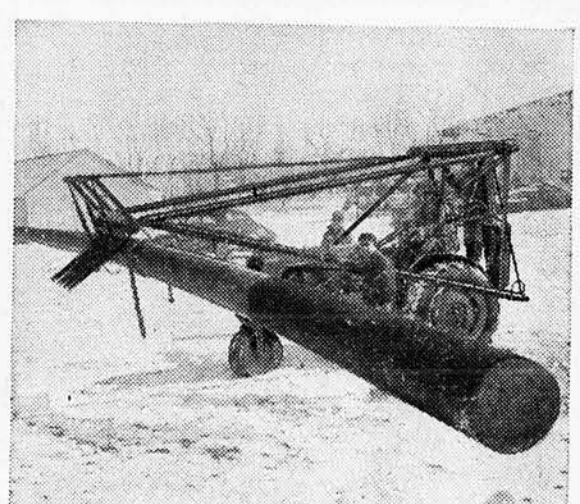
**HERE'S REAL LABOR SAVING!** "If it wasn't for my FARMHAND it would take at least three more men to operate this machine," says Mr. V. L. Ullom who works this portable alfalfa grinding mill near Wiley, Colorado. Note Mr. Ullom's novel method of mounting his FARMHAND Loader on truck instead of tractor. There's no more versatile loader on the market.



**REPLACES A WHOLE CREW** of men on snow removal jobs. This husky FARMHAND Loader with Snow Scoop Attachment bites deep into big drifts, lifts and moves snow, stacks it in huge piles out of the way... clears roads and feed lots in a matter of minutes. Yes, your FARMHAND works for a living all year around... all day long.



**ALL ALONE** you can do one of farming's most back-breaking jobs... with a FARMHAND Loader to help. A flick of the controls, and this All-Purpose Forage Fork digs deep into ice and snow-covered stacks, hoists frozen hay clear with "Wrist-Action" that takes all initial lifting strain off tractor... then carries a huge load back to the feed lots in a hurry. Slick? You bet!

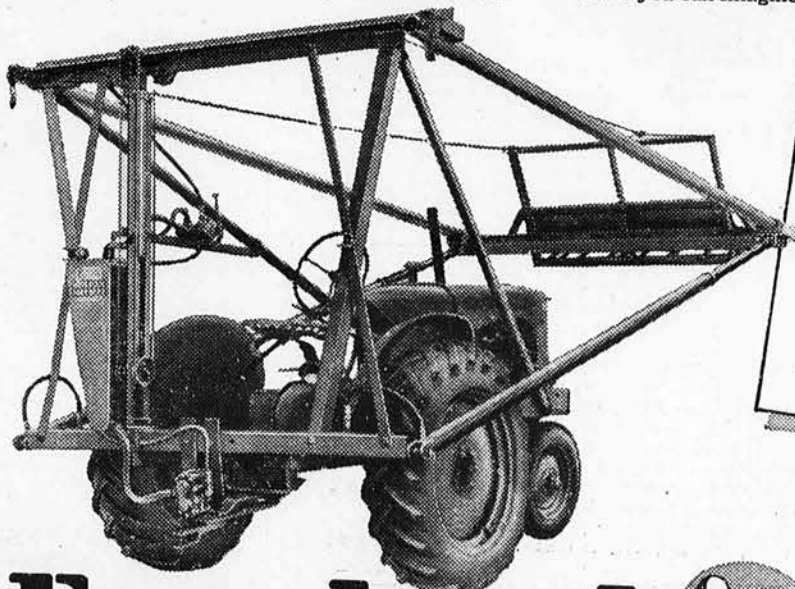


**CAN YOU LIFT A TELEPHONE POLE** by yourself? You can with a FARMHAND Loader. No other loader is so simple and dependable... no other loader has that high 21-foot r-e-a-c-h with 3,000 lb. lift and gentle "Wrist-Action." Yes, you name the job, watch FARMHAND do it better... faster... at less cost than you can imagine. Pays for itself in a single season!

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to keep your FARMHAND Loader busy in every season of the year

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|--------------------------------|-------------------------------|
| Stacking hay                   | Putting on storm windows      |
| Loading manure                 | Loading corn bundles          |
| Hauling grain bundles          | Lifting farm machinery        |
| Shoveling sand and gravel      | Moving small buildings        |
| Loading hay wagons             | Removing hay from stacks      |
| Loading bales                  | Harvesting peas               |
| Pulling fence posts            | Painting buildings            |
| Changing wagon or truck bodies | Pouring concrete              |
| Moving dead animals            | Shingling roofs               |
| Butchering                     | Picking fruit                 |
| Loading scrap iron             | Trimming trees                |
| Building dams                  | Building fences               |
| Loading beets                  | Lifting construction material |
| Filling dirt                   | Loading wool sacks            |
| Shoveling snow                 | Loading cattle                |
| Handling ear corn              | Dipping cattle                |
| Piling stumps                  | Opening roads                 |
| Lifting rocks                  | Clearing feed lots            |
| Loading bundle wagons          | Elevating grain               |
| Hauling hay to barn            | Loading lumber                |
| Stacking straw behind combine  | Shoveling coal                |
| Harvesting beans               | Carrying and piling logs      |
| Repairing roads                | Setting telephone poles       |
| Repairing heavy machinery      | Pulling well rods             |
| Handling chopped hay           | Loading straw out of stack    |



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that describes with pictures all the money-saving, labor-saving jobs you can do with a FARMHAND Hydraulic Loader. Or see your FARMHAND Dealer for a demonstration.

**Farmhand** HYDRAULIC LOADER  
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## Long-wearing quality

Yes, to outsmart the weatherman and keep your feet snugly warm and dry it will pay you to look for the Red Ball, for more than fifty years the symbol of honest values in rubber footwear. Ball-Band footwear is famous for smart style... for fit and comfort... and for longer wear. To save your shoes, and keep healthy and comfortable get Ball-Band at the store that displays the Red Ball.

### BALL-BAND

MISHAWAKA RUBBER & WOOLEN MFG. CO.  
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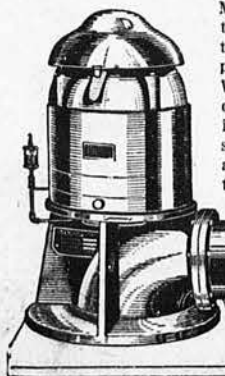
4-Buckle Arctic—Correct fitting, flexible, comfortable... costs less because it wears longer.



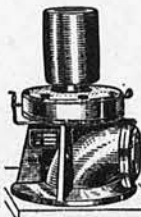
2-Buckle Sanslip—The stickiest mud can't pull it off. Extra tough rubber for long wear.

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MAKE YOUR PLANS NOW. Your WESTERN Pump installation cannot be had on a few days' notice. We drill your test, then engineer the pump expressly for the conditions found. A pump testing laboratory is necessary for accurate engineering. We have a laboratory — recognized by irrigation experts as one of the most modernly equipped in the entire U. S. That is one of the reasons why WESTERN Pumps are so outstandingly successful. WESTERN service is complete. We drill your well and install your pump and also your power plant, either electric motor or gas engine, completely ready to operate.



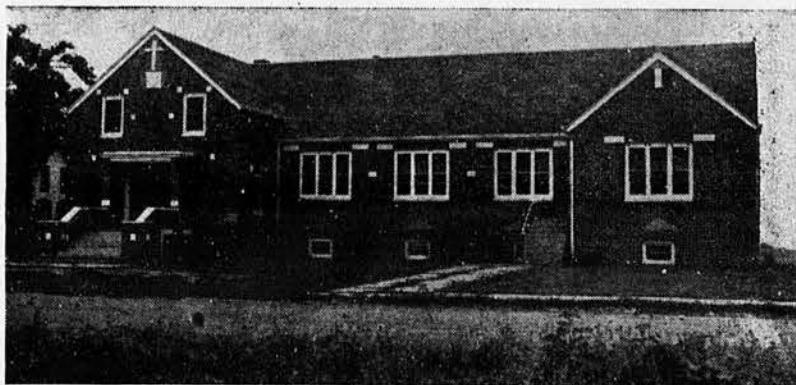
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WESTERN LAND ROLLER CO.  
Dept. 121  
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Furnished with either Direct Connected Electric Motor, Flat or V Belt Drive, or Right Angle Gear Head Drive.

## This Rural Church Didn't Give Up

### Even the "Battle of Materials" Couldn't Stop Members



This new, modern \$48,000 country church, the First Baptist, Barton county, was built and paid for in 1 1/2 years.

SO YOUR community would like to have a new church. But you can't see your way clear to get it. Membership is too small. Building costs are too high and materials are too hard to get.

Well, be not of faint heart. It can be done. Take the case of the Southside Community, Barton county, as an example.

This community had a church, the First Baptist Church, located 5 miles south of Ellinwood, but it wasn't doing so well 4 years ago. Total membership was about 120 (including children), but average Sunday morning church attendance was only 40 to 50. The church building was in bad repair and the members were discouraged.

Into this situation came Reverend T. W. Dons and family. Now, Reverend Dons was a city preacher. He was born and reared in the city, and for several years was pastor of the Forest Park Baptist Church, in Chicago. After that pastorate he spent many years traveling all of the United States and part of Canada doing evangelistic work for the Baptist denomination.

Reverend Dons had never lived in the country and had no experience with rural churches. But during his many years in evangelistic work he came to one conclusion: *That rural America is the foundation of religion, and the cradle of the church in America.* He believes the greatest religious opportunities now exist in rural America, and that rural people deserve the best religious leadership.

With this firm conviction, Reverend Dons deliberately chose to turn his back on city life and to lead the struggling flock of the First Baptist Church, in Barton county.

Leaders of the church sat down with him to map out a campaign for church improvement. It was first decided to remodel the old building, but no contractor could be found to take the job. Then it was decided to build a new church. Still no contractor could be found.

Instead of giving up, members of the church went 650 miles away to Minnesota and brought back a contractor and his entire crew to build their church.

Then the battle of materials began. They couldn't keep that contracting crew unless it was working. Members

took their trucks and scoured the state and beyond for materials. They got all their doors by truck from Milwaukee, Wisc., and their oak trim by truck from Minnesota. During the time their church building was under construction, work was not stopped once for lack of materials, says Reverend Dons. With this kind of leadership and cooperation, they built their new church of brick. It is 44 by 86 feet. The main auditorium will seat 294; it has all the necessary Sunday School class rooms; it has a full basement with kitchen and dining hall, and rest rooms. The church is completely modern in every way, including a landscaping and playground plan. It cost \$48,000.

If you look back now at the congregation and conditions of 4 years ago, you might think these folks were over-enthusiastic and had "built over their heads." Well, let's see.

Just 1 1/2 years from the time their new church building was started, says Reverend Dons, it was completely paid for. "We got money from everywhere when people saw what we were doing," he recalls. "Our members made some tremendous sacrifices in time and money to make the new church possible."

(Continued on Page 13)



Reverend and Mrs. T. W. Dons, who left the city to lead their rural flock to a great victory, stand proudly on the steps of the new First Baptist Church.



Members of the First Baptist Church take time off for fun after building their new church. Here they are holding a picnic at the city park, Ellinwood.

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sible, but we got donations from many Catholics and Protestants of other denominations. Some of them lived in far off places and just sent the money. We didn't know who they were." A Kansas State College professor became interested and furnished the landscaping plans free.

What has all this done for the church as a whole? Sunday morning church service now has an average attendance of 150, and Sunday School attendance has been up to 131. The church program is being expanded as rapidly as possible, says Reverend Dons.

A strong youth program is being developed, providing for more religious education and more recreation, too. Part of the church grounds will be developed for recreational purposes. More social activities are being planned for both adults and youths.

The day we called on Reverend Dons, members of the church were having a big picnic in the city park at Ellinwood. Following the big noon lunch there were ball games and other types of recreation under way. Of course, the church will follow the strong missionary program of the Baptist denomination.

Perhaps you think the church has reached its peak now. Reverend Dons and members don't think so. They built their church so it can be enlarged later, if the need arises, and they plan to create the need. Here is how Reverend Dons explains it:

"Our church is located in an area of some 700 square miles where there is little or no chance for church worship. We believe our opportunities for expansion are unlimited. There are countless places in this country similar to ours. The need is there but that need has never been exploited."

As you drive by this modern brick church—in a place where you least expect it—your eyes are attracted to a neat sign that reads: "Church by the Side of the Road . . . First Baptist Church Welcomes You." Immediately, you feel you would like to go inside.

### Another Use for Apples

By JAMES SENTER BRAZELTON

BY ADDING a certain amount of concentrated apple juice, scientific investigators have found that cow's milk may be so changed in composition as to have almost the same characteristics as human milk. Child specialists explain that the size and degree of toughness of curd particles in milk are about the most important factors in its digestibility by babies. Human milk forms a soft, fluid-like mass in a baby's stomach. Cow's milk forms a medium tough, compact mass. Addition of concentrated apple juice to ordinary milk so changes it that it becomes more digestible.

According to the scientists who have been working on this, the ratio of concentrated apple juice to milk should be about one part juice to 15 parts milk in order to have the proper sugar concentration for infant feeding. When the milk is boiled or evaporated milk is used the ratio should be about one part juice to 19 of milk. This is another use for concentrated apple juice, a comparatively new product. Every new discovery such as this helps, in a way, to bolster price trends for apples.

#### An Unusual Tree

On a farm near Georgetown, Tex., there grows an unusual pecan tree. It



"I've got to be careful what I say now. People are beginning to understand me."

is unusual because it is probably the largest as well as the oldest top-worked tree in the United States. Nine hundred grafts have been made on it and it has been budded 1,400 times. This famous old landmark was a mere sapling in a foreign land when George Washington was a boy.

#### Grapefruit for Calves

Perhaps you have never heard of grapefruit-seed oil. It is a comparatively new by-product of the grapefruit industry. Commercially, the oil is used for treating textiles so they will take dyes satisfactorily. Grapefruit-seed meal from which the oil has been removed is reported to have possibilities as a livestock feed, particularly for calf feeding to replace butterfat of whole milk.

#### Time for Fertilizer

We have just finished applying fertilizer to the strawberry patches on this farm. Fall application is a practice we have followed here for quite some time. We prefer to put the fertilizer on in fall rather than in spring.

The principal reason is because

strawberry plants form their buds for next year's crop during September and later. If the required plant-food elements are available the plants can do a much better job of increasing their fruitfulness. Fall fertilizer aids also in the development of a better root system. This will enable the plants better to withstand the rigors of winter and get them off to a good start in the spring.

Spring application of fertilizer often results in one or more adverse effects. It may cause excess plant growth, a condition that favors rotting and soft berries. Delayed maturity of the fruit can generally be blamed on spring application of fertilizer. The secret of success with fall fertilizer is the timeliness of its application. It must be on the ground soon enough to be dissolved by the early fall rains. Applied too late its effectiveness is missed.

This year we used a fertilizer having an analysis of 4-16-0. Sometimes we use 45 per cent superphosphate only, depending upon whether we have scattered poultry manure on the ground recently. We never use potash because tests have shown the soils of Doniphan

county are not seriously lacking in this element.

We fertilize not only the patches that were planted this spring but the old, renovated patches as well. The tool we use for this purpose is a tennis-court marker running it along first one side of the row and then the other keeping it as close to the plants as possible.

#### A 4-H Goal

A goal of \$750,000 to develop the state 4-H camp at Rock Springs Ranch has been set by the Camp Development Committee.

Herb J. Barr, Leoti, and Harry Darby, Kansas City, co-chairmen of the committee, have sent out work sheets for organizing a fund-raising campaign on a district, county, town and rural basis.

#### To Find Car Key

Paint your car key with bright red nail polish, then you can easily locate it on your key ring when in a hurry. At night you can pick it from the other keys by the smooth, slick surface.—Mrs. Fred Fineup.

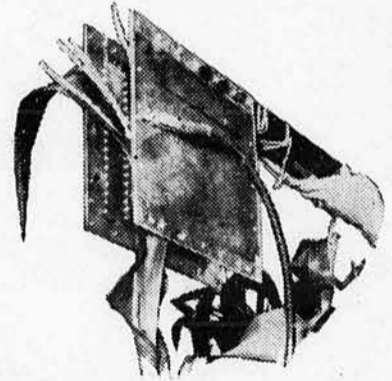


(Above) Anhydrous ammonia, liquid nitrogen fertilizer, forced into soil through tubes and nozzles attached to corn cultivator. (For photo, tubes have been withdrawn from soil.) Liquid nitrogen is being tested by DeKalb in some seed fields this year. Tests may lead to bigger corn yields.

# DeKalb builds BETTER HYBRIDS through New Scientific Research

To bring you better hybrids next year . . . still better hybrids in the years to come, DeKalb carries on a vast, never-ending program of corn breeding research. Every new scientific discovery that can be applied to the corn-field is tried. Below is some of DeKalb's latest research designed to bring you even greater yielding corn. The DeKalb Agricultural Ass'n., Inc., DeKalb, Ill. Commercial Distributors of DeKalb Hybrid Seed Corn.

Big-rooted, drought and cold resistant corn from high plateaus of Mexico was transplanted in Illinois last spring by DeKalb corn breeders. It is being inbred to develop bigger-rooted, more drought and cold resistant hybrid varieties for you.

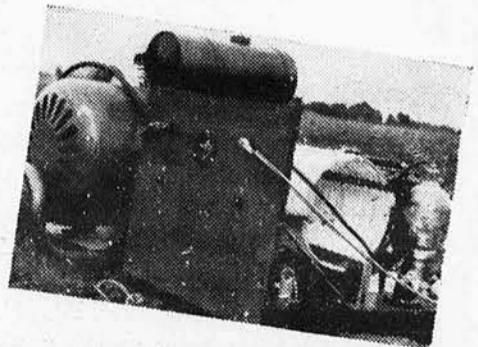


Bombardment of corn tassels by high frequency "death rays" is being tested by DeKalb to increase detasseling efficiency in hybrid seed fields. The experimental high frequency machine (below) is wheeled down corn rows directing "death rays" at tassels (above).

A revolutionary theory in corn breeding that may boost yields 10% or more, is under test on DeKalb's winter research farm in Mexico. (Above)



New hybrids from DeKalb's research are put to final test in County Proving Grounds (left), where DeKalb performs under your conditions.



More Farmers Plant  **DEKALB** than any other Hybrid

## How They Harvest in Sweden

By ARMIN SAMUELSON

Here is letter No. 6 from Armin Samuelson, of Shawnee county, who is one of 22 young folks making a 4- to 6-months "working" and good-will tour of Europe. How would you like to carry a 250-pound sack of wheat up 2 flights of stairs, and keep doing it all day?

**D**EAR Mr. Gilkeson: The busy season is in full swing now (early September) as it is harvest time in Sweden. We have been working very hard and long hours trying to get the grain harvested before the frost comes.

On this farm where I have been working about 2 months they have 250 acres of oats, barley and wheat. The oats and barley are planted together and will be fed to the cattle this winter, while the wheat is sold as a cash crop. The wheat is cut with a 5-foot combine and all the oats and barley are cut with a binder, so we have both machines working at once. Instead of a grain bin on the combine, such as we have, one man sacks all the wheat, then kicks the sacks out on the ground as the bales from a pickup baler. They put between 100 and 120 kilos in each sack, which is between 220 and 260 pounds. I have spent most of my time loading the sacks on the wagons.

Some of the wheat is hauled direct to the elevator where it is loaded on boats, but some is stored here on the farm in the granary. When we put the wheat in the granary the work really begins. Each man puts one of these 250-pound sacks of wheat on his back and carries it up 2 flights of stairs to the top of the granary where it is dumped. I suggested building an elevator of some kind, but they thought it would be a waste of material and time.

### Shock Oats in Rain

On days when the sun shines we haul grain, and when it rains we shock the oats and barley cut by the binder. Last week it rained all the time on Thursday and Friday and we spent all of both days shocking grain. They set it in long shocks like we do at home. Then this week they decided it wasn't drying like it should, so we took out the pine stakes and hung it all up on stakes, so our day's work in the rain was wasted. After the oats and barley are dry this double crop will be hauled in the barn and stored until winter when it will be threshed. The straw will be used for bedding the cows in the dairy barn.

On the back of the combine they have a machine that ties the straw in little bundles. When the grain is all cut the wheat straw will be hauled from the field and evenly spread on the pastures to hold moisture and serve as a fertilizer when it rots.

Last Sunday was quite different from most Sundays at home. We got up at 4 o'clock in the morning and started hauling sacks. When we finally got the last load in it was 9:30 o'clock in the evening. The last load weighed more



Armin Samuelson

than 6 tons and it took 2 big tractors to pull it out of the field; then we broke the log chain between the tractors. I ate 5 good meals Sunday but was very glad when we finally had the last sack loaded.

They nearly had a very bad accident the other day while taking some wheat to town. One tractor was taking 2 wagons of wheat when the driver got too close to the edge and the road caved in. The wagon started sliding down but luckily the sides broke and the sacks rolled down the 20-foot bank instead of taking the tractor and all along. Glad I wasn't there when it came to carrying the sacks back up the hill and re-loading 12 tons of wheat.

The wheat stands about up to my shoulders and is yielding between 40 and 50 bushels to the acre, which they consider a little below average. The oats and barley will yield about 60 or 65 bushels an acre.

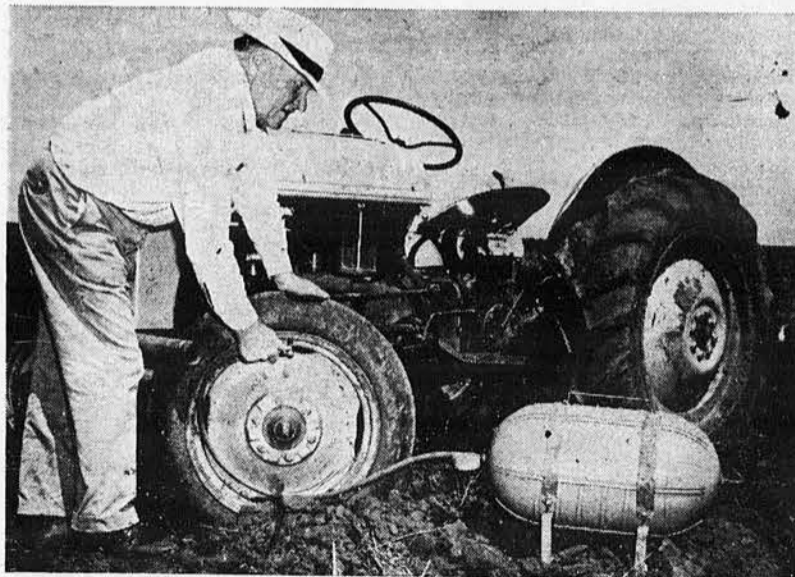
Tomorrow I leave Sweden and start on the bus trip thru Denmark, Belgium, Holland, France and Germany. We shall spend 4 days in Paris, then sail for home. There are many things I have learned about Sweden that I will have to wait to tell until I get home. I'll try to write about our journey across Europe from Paris.—Armin Samuelson.

### Helping Overseas

Leslie Frazier, Lane county agent, spent several months in Europe this summer and fall helping rebuild youth camps. He sailed from New York for Europe in July and expected to return during October.

He went to Europe as a representative for the Christian Rural Overseas Program, which is sponsoring the rebuilding program.

### Package of Air



An oxygen tank out of an airplane is a handy gadget for hauling air out to the field in these days of rubber-tired tractors and implements. George Sidwell, Rice county agent, is demonstrating the use of one on the Richard Johnson farm, north of Lyons. These tanks are war surplus and cost only \$3 or \$4. They are light and easy to handle. Pumped up to 175 pounds of pressure, they will fill 4 car tires, Mr. Johnson says. They are safe up to 500 pounds of pressure if you can find the place to fill them. Grain elevator lifts would seem to be the best bet for that pressure. Then they would fill considerably more than 4 tires.



*For quicker starts,  
smoother sailing*

**AS** ANY WITCH CAN TELL YOU, quick get-up-and-go is mighty important this nippy, Halloweenish weather. That applies to cars, too.

Change now to Quaker State Cold-Test Motor Oil for summer-quick starts and smooth winter performance. It's skillfully refined from the world's finest crude oil, 100% pure Pennsylvania grade.

40¢ per U. S. Quart including Federal Lubricating Oil Tax



QUAKER STATE OIL REFINING CORPORATION, OIL CITY, PA.  
Member Pennsylvania Grade Crude Oil Association



EXPERIENCED alterations Cleaners, 3512 West Twent...

WAITRESS and male dishwasher. 11 Kansas. Deal's Cafe.

WANTED—Experienced silk finisher. Jay-T hawk Cleaners.

**26 HELP MEN,**

**WANTED..**

**JOB AS**

**FARM HAND**

**WILL WORK FOR**

**3c AN HOUR**

**OR LESS**

entire state of Kansas on lung as well as a portable resuscitator. Fine potential on this doctor-approved equipment requires we select only highest caliber of representative or distributor. Write G. W. Sanberg, 2011 Cedar Springs, Dallas, Texas.

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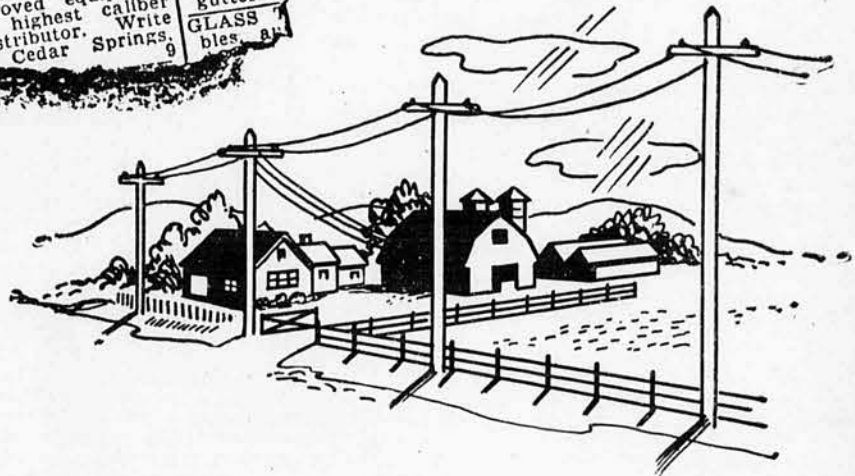
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**H**ERE'S hired help to bring ease and convenience to your farm! Whatever the job . . . grinding feed, pumping water, sawing wood, milking, hoisting hay . . . your Electric Farm Hand can do it better, at wages of 3c an hour or less! As a matter of fact, there are 225 farm jobs that Reddy Kilowatt, your Electric Servant, can do for you . . . 225 ways to better living electrically. With Reddy at your finger tips, you save time . . . you save work . . . you increase your farm production and profits!

**ELECTRICITY—**  
**Does the Job Better!**

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- The Kansas Electric Power Company
- The Inland Utilities Company
- Kansas City Power & Light Company
- Western Light & Telephone Company
- Kansas Gas and Electric Company

**PIONEERS IN KANSAS RURAL ELECTRIFICATION**

You are getting twice as much electricity for your dollar as you did twenty years ago!

LISTEN to the Electric Hour  
CBS Stations 4:30 P. M. Sundays.

# You Can't Swim the Mississippi with a Million Head of Cattle

The Mississippi River always has been the "continental divide" in the geography of the livestock-meat industry. In the old days the great herds of longhorns trailing north from Texas had many rivers to cross. The Red. The Canadian. The Big Blue. The Platte . . . but there was never a trail that ended east of the Father of Waters. The Mississippi was, and is, one river you couldn't swim with a million head of cattle.

It's a staggering job to get the nation's meat from producer to consumer. Two-thirds of the meat animals are produced west of the Mississippi . . . two-thirds of the meat is eaten east of it. On the average, meat has to be transported more than 1,000 miles. It's a big job—a huge job. Just consider: in 1947 alone, this job of getting the nation's meat from the farm and range to the cooking range involved 32,158,000 beef animals, 24,044,000 sheep and lambs, 82,579,000 hogs!

Harvesting any national crop—from wheat to meat—is a big job. Big machines are needed. Who uses binders when combines are more efficient? Similarly, in the processing and nationwide distribution of meat it takes large-scale, efficient "machinery." There's a need for all of us—producers and meat packers; shippers and marketing people; transportation lines; wholesalers and retailers. We all play a part—whether we are individuals or companies, whether we operate locally or on a nationwide basis.

Over the years, we at Swift have worked to perfect our nationwide system of marketing. We, and 26,000 other commercial slaughterers, provide a competitive cash market for your livestock. We buy your animals and dress them. We process and refrigerate them. Then, we distribute the meat to retail store men everywhere. (Our earnings for all these essential services are only a fraction of a cent a pound.) Because this big job is done efficiently, you producers are assured of markets . . . consumers everywhere are assured of meat. We at Swift & Company are proud of our part in building the "1,000-mile bridge"; the "bridge" which carries meat from the point of surplus production to the point of consumption. So long as all America wants meat it will take efficient nationwide organizations to bridge that 1,000-mile gap.

### Soda Bill Sez:

*Time counts unless you're counting time.*

*Some people will do almost anything for money—except work for it.*

*Generally it's better to have PUSH than PULL.*



M. L. Buchanan

### Feed Pregnant Sows To Control Anemia

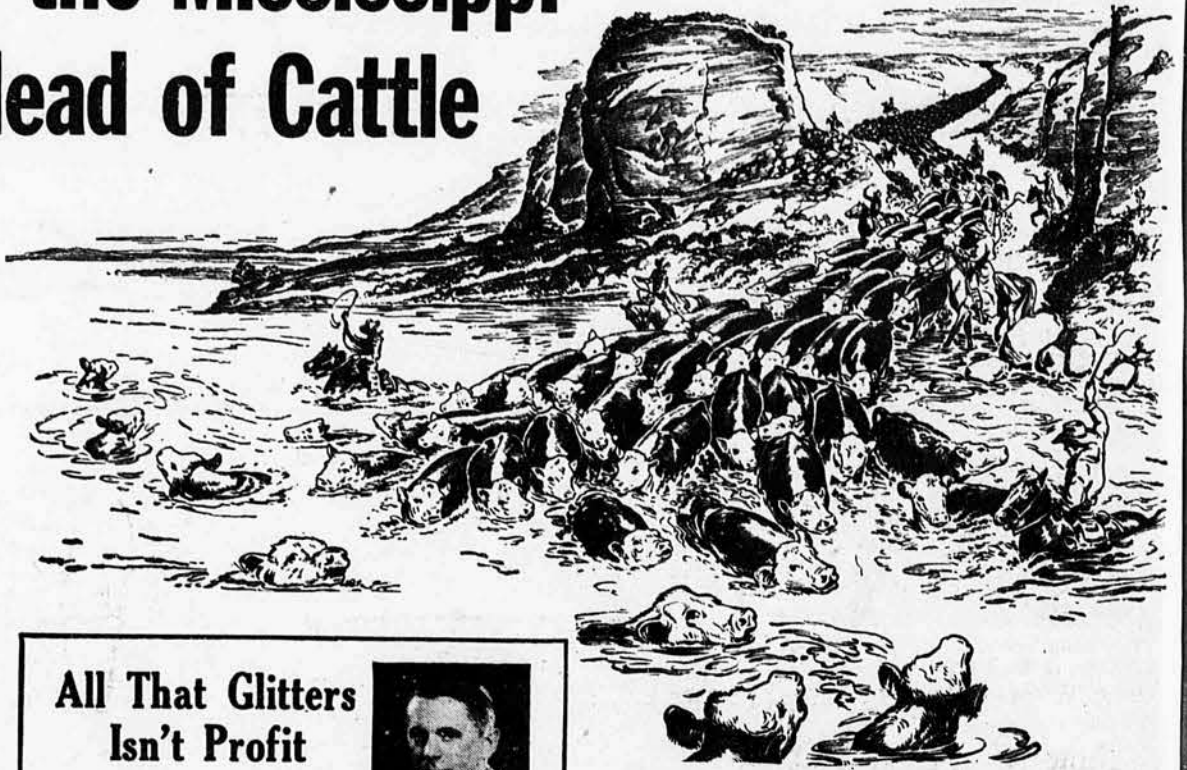
by M. L. Buchanan

North Dakota Agric. College, Fargo

Pig anemia has long been recognized as a nutritional disease causing death losses in young pigs. A new program at the North Dakota Agricultural College controls anemia. In this work pregnant sows were fed a ration that included copperas, an iron compound (feeding grade sold in most drug stores). Pigs from such sows had a high iron content in their blood stream. Their death loss was less than 10% from birth to weaning. This mortality figure compares with an estimated national average loss of about 34% during the same period. Other litters that had insufficient iron in their blood were of lighter weight at birth. They grew less rapidly during the first week of life. And they were more likely to be laid on or chilled.

In this program the greatest benefits from copperas feeding were observed in spring-farrowed litters—or in litters from sows confined during pregnancy. We recommend the feeding of *one-half ounce* of copperas per day with the sow's feed. Or add *one-half lb.* of copperas to each 100 lbs. of mixed feed.

Hog men only recently have associated anemia with the occurrence of weak, chilled and over-laid pigs. These losses are a heavy drain on the pocket-book of hog producers everywhere. True, such pigs can be treated. But it is extremely difficult to dose weak, anemic litters. From this standpoint alone, the copperas treatment would be desirable to prevent or control anemia from the beginning.



### All That Glitters Isn't Profit



J. F. Brandt

Government reports tell of farm and ranch income from livestock that totals more than 17 billion dollars. Many folks read those reports and say—"No wonder meat is so high. Livestock producers must be coining money."

That is a thoughtless comment, based on misunderstanding. That 17 billion dollars is *not* profit—it is *gross income*. Many expenses must come out of your gross livestock income before you can make any profit on it. There's the cost of breeding-stock and feeding-stock . . . of your hired labor . . . of feed, machinery, equipment. All these costs are at all-time high levels. Out of your gross income also must come property and income taxes; interest; insurance premiums; repairs; new buildings; fences; death losses, etc. After you've paid all those necessary business expenses, you're lucky if you end up with 10 or 15 per cent profit.

A lot of people are just as wrong about Swift's profit as they are about yours. They look at our total sales of 2 1/4 billion dollars last year and say—"That's a barrel of money. No wonder meat is high!" But the fact is that competition in both buying and selling is so keen that from those 2 1/4 billion sales dollars an average of 79¢ went to pay you for your livestock. 10¢ for pay to our employees. 6 1/2¢ for supplies and other necessary business costs. 3¢ for taxes and transportation. All we had left as earnings was 1 1/2¢.

Yes, in our business, as in yours, there's a big difference between gross income and net profit!



J. F. Brandt  
Vice President and Comptroller  
Swift & Company

The price we can pay  
For your livestock today  
Is governed by people  
Who live far away.



With money in hand,  
They create a demand  
For roasts, steaks and chops  
Throughout the whole land.



And the price at wholesale—  
Tenderloin or oxtail—  
Is affected by numbers  
Of cattle for sale.

This rhyme has been planned  
So you'll all understand  
That prices result  
From supply and demand.

### OUR CITY COUSIN

Warns City Cousin,

"Don't you dast.

He gobbles best

Who gobbles last!"



### the story of grass



Now ready—Booklet D of our Elementary Science Series. We call it "The Story of Grass." A picture-and-story booklet for kids and grown-ups. It follows the other popular stories on soil, plants and meat animals. And, like the others, it's FREE! Do you know what the meat you eat is made of? Why do the cowboys live in the West? Ever hear of people eating and drinking grass? Ever hear of meat factories that "run" on grass? They're all in "The Story of Grass." Send a postcard asking for your free copy, today. Address Agricultural Research Dept., Swift & Company, Chicago 9, Illinois.

### Martha Logan's Recipe for CHICKEN À LA MARYLAND

Cut a cleaned hen into serving pieces. Season. Dip into egg diluted with milk, then roll in sifted cracker crumbs. Brown in a 1/2-inch layer of shortening. Add a 1-inch layer of rich milk. Cover. Bake in a moderate oven (350°F.) 2 hours. Remove the cover and bake 15 minutes. Make a gravy, using the liquid in the pan, to serve with the chicken. Serve with Pickled Orange Slices.

### PICKLED ORANGE SLICES

1 orange                      1/4 cup vinegar  
1/2 cup brown sugar      6 cloves for each orange slice  
Boil orange 1 hour. Cut in slices 1/2-inch thick. Stick cloves on rind of each slice. Boil together sugar and vinegar 5 minutes. Add orange slices. Simmer 15 minutes. Serve hot or cold.

**SWIFT & COMPANY**  
UNION STOCK YARDS  
CHICAGO 9, ILLINOIS

**NUTRITION IS OUR BUSINESS—AND YOURS**  
*Right eating adds life to your years—and years to your life*

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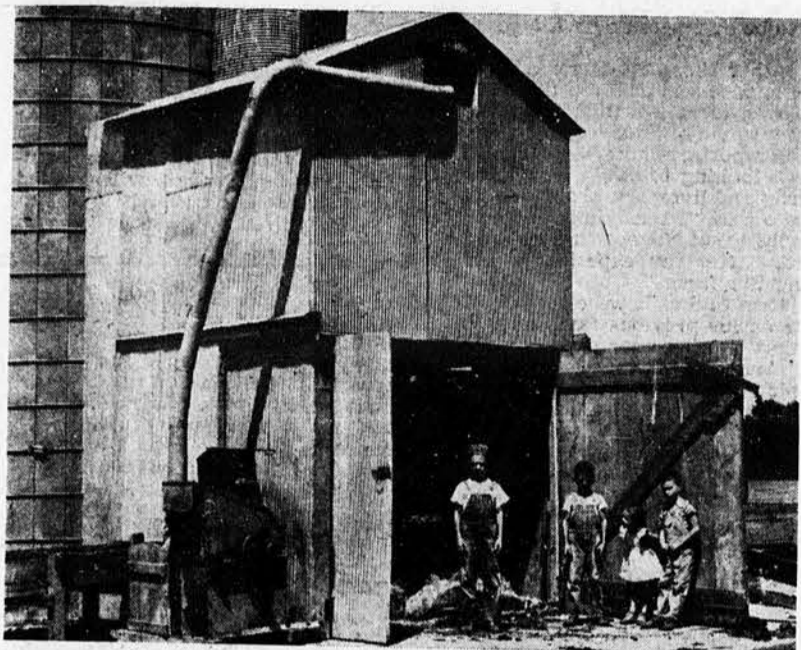
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### Feeds 100 Cattle In 1 Hour a Day



This feed center, built around the silo chute, allows E. R. Eliason, Dickinson county, to feed silage alone or silage and grain with a minimum of time and labor. Sliding doors on both sides allow a silage cart, mounted on the bunk rims, to roll both ways from the feed room.

IS YOUR feeding setup arranged so one man can feed 100 head of cattle in less than one hour a day? If not, you might get some ideas from the system used by E. R. Eliason, Dickinson county.

Mr. Eliason constructed a feed center, using his silo as the base. A sheet-metal and frame building was built right under the silo chute. This building is 2 stories high with an overhead bin for ground grain. His feed bunk runs right thru the lower part of the building and extends both ways from the silo chute on a concrete feeding floor 30 by 110 feet. A silage cart holding 50 bushels

of silage and grain at a time runs on the bunk rims.

Ground grain is blown into the overhead storage bin and feeds down into the cart by gravity. Double doors in the front of the feed shed allow Mr. Eliason to back a truck into the shed to be filled, if needed. When the silage cart is not in use, sliding doors on both sides of the building can be closed over the openings.

This setup allows Mr. Eliason to do his feeding job in any kind of weather with a minimum of labor and time. He has fed silage to 100 head of cattle in as little as 15 minutes.

### Gets 15-Bushel Yield From Madrid Clover

TEN acres of Madrid sweet clover on the P. C. Andres farm, Harvey county, yielded 15 bushels of seed an acre this year. Altho he has grown sweet clover in rotation with grain crops 10 or 15 years, this was his first crop of Madrid.

In the first place Mr. Andres pastured the crop heavily last spring. He had 88 head of steers on 40 acres for 5 weeks. Included was the Madrid clover as well as white blossom. Pasturing keeps clover from growing extremely tall making it difficult to harvest. In addition, Mr. Andres believes seed yields are improved by pasturing.

To save as much seed as possible, he windrowed the seed crop at 4 o'clock in the morning while it was still heavy with dew. This also was a factor in his 15-bushel yield.

Mr. Andres has a manner of rotation that is a little unusual, but it works fa-

vorably. It can best be explained with his program plan for a 160-acre farm he bought a year ago. Forty acres of the farm were put to corn. Before planting it was limed. Of course, ground was manured and fertilized, too. Next spring he will seed oats in the corn ground and sweet clover will go with the oats. After taking a seed crop of sweet clover, the ground will go to wheat 2 or 3 years.

His purpose in liming before corn, is to be certain the calcium will be available for the legume crop a year later.

He uses phosphate fertilizer with his wheat and reports it is not unusual to get a 15-bushel-an-acre increase on the sweet clover ground. Wide spacing his oats, he still harvests a good crop and has a cash income from his land each year. A year ago his wide-spaced oats made 40 bushels an acre. Sweet clover grew between the rows of oats.

### 20 Degrees Warmer in Winter



Alva Shadwick, Allen county farmer, says his 75-year-old windbreak, shown here, makes a difference of 20 degrees in temperature during the winter. He believes he could feed his dairy herd outside all the time. The windbreak has 3 rows of hard maples and 2 rows of cedars. It is 1/4-mile long east and west and is north of his feed lots and barns. The windbreak turns south for a short distance at the west end. Mr. Shadwick values this protection against the wind so highly he says that if the windbreak were destroyed he would almost be willing to give up his farm.—Photo by Harold Shankland, K. S. C.

**PUT RUNNING WATER  
ON THE  
Party Line**

# DEMPSTER

**WATER SUPPLY EQUIPMENT**

AMERICA'S *Complete* LINE

Farming is more profitable... farm living is more comfortable... after you install your Dempster Water System. Running water follows the "party line" all over the house, to every corner of the farm.

A Dempster System will supply all the low-cost running water you need for scores of everyday chores. There's a Dempster dealer near you... let him help you plan the right Dempster Water System for your needs.

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FREE  
ILLUSTRATED  
BOOKLET**

DEEP WELL PUMP

JET PUMP

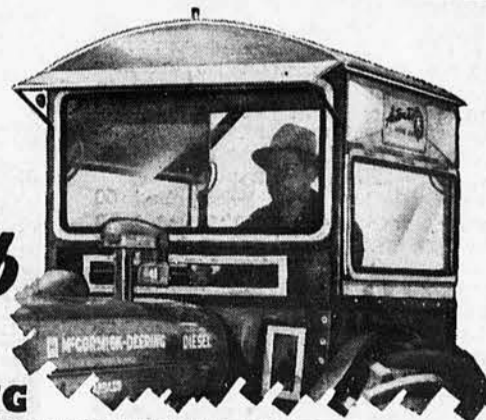
SHALLOW WELL PUMP

ANNU-OILED WINDMILL

Mention Kansas Farmer When Writing Advertisers

## Automatic 1949 Tractorkab

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**BETTER LIVING  
BETTER FARMING**



Come rain, come wind, come sleet, come snow—Tractorkab will keep you warm and dry and protect your health. It will keep your tractor operating everyday you need it, will keep good help for you. Roomy, sturdy, practical, permanent, this attractive QUIET kab of hinged aluminum and steel with shatterproof hinged windshield and windows set in rubber will pay for itself through added tractor working days, make more profit for you. Models to fit all leading tractors. Rush coupon for details and prices.

SEE YOUR DEALER OR WRITE  
AUTOMATIC EQUIPMENT MFG. CO.,  
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1. Heavy insulation deadens noise, actually quieter than open tractor.
2. Gleaming, light weight aluminum—sturdy steel frame—weatherproof, durable, permanent.
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4. Warm in winter, cool in summer.
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## He Was Shocked At Terrible Soil Waste

**A**N UNUSUAL experience sold Wilbur Larson, Cloud county, on the idea of balanced farming. He has been farming for about 22 years. Most of that time was spent on rented farms in Republic and Clay counties.

The unusual experience that led to his present balanced farming program was this. He had rented a certain farm for 4 years. Then he moved away to another farm in another county and farmed for 6 years. Following this period of absence he returned and bought the first farm.

"I was shocked," he reports, "at the terrible waste of soil that had occurred on that farm. In many places all the topsoil was gone and there was nothing left but yellow clay."

Mr. Larson struggled for several years to build back the soil before giving up. He then bought his present farm in Cloud county in 1946 and moved onto it in 1947. He now owns a quarter section and leases an additional quarter and an 80, with about 297 crop acres on the 3 pieces of land.

Naturally, after his previous rude awakening on soil erosion his first attention on the new farm was for the fertility of the soil. "You have to raise crops before you can improve your living on the farm," he says.

Last spring Mr. Larson was host to a 9-county training school on balanced farming for county extension agents. His farm now is the county demonstration farm and the entire Larson family is co-operating on an over-all improvement program.

As mentioned before, first consideration is being given to soil conservation and building up soil fertility. Mr. Larson already has 20 acres of second-year sweet clover and 70 acres of new

seeding. Twenty-two acres of that seeded this year are sown with wide-spaced oats, 40 acres are drilled into last fall's wheat planting, and 9 acres are seeded alone. Nine acres of new alfalfa have been added to an original 7 acres, thus giving Mr. Larson about 25 per cent of his crop acres in legumes.

Two rotations will be used on the farm. Sweet clover and small grains will be used on the rougher fields, and alfalfa and row crops for the best land. Heavy applications of manure on all cropland are being made.

### Then He Will Terrace

Waterways for future terraces will be seeded on the home quarter this fall. These will be seeded to a brome-alfalfa mixture. When waterways are established, the 104 crop acres on the quarter will be terraced.

Livestock projects on the farm are in the planning stage right now. Mr. Larson always has been a hog producer but had to get out of the business in recent years because of negro. His present plans are to make a beef cow herd the main livestock project, with either hogs or sheep as a secondary project. The beef project, however, may possibly be changed to deferred feeding of steers.

A fairly large poultry project will be carried. A new laying house has been one of the first major farmstead improvements and a flock of 250 to 300 layers will be carried. Fifty cockerels were purchased last spring for producing meat for the family.

First home improvements scheduled include fixing a basement wall and installation of complete water and sewage disposal systems. The front yard will be landscaped and a new drive is planned to give access to the front door. All visitors now must come to the back door, which Mrs. Larson finds objectionable.

One corner at the rear of the house now is divided into a small utility room and a small screened-in back porch. Mrs. Larson plans to take out the partition between the 2, making one large utility room. This change will give her more work room and eliminate one door now leading out of the kitchen.

Present inadequate and poorly placed built-ins in the kitchen will be torn out and new ones installed in a different location so the new sink can be under a window. Re-arrangement of the kitchen also will give added space for a breakfast nook.

The upstairs area of the house is unfinished. This will be completed to give 3 extra bedrooms. The basement will

be converted into a recreation center for the children. "I would rather have my children's friends come here for entertainment than to have them always running to town," says Mrs. Larson.

Home improvements are scheduled now to be completed over a 5-year period.

A rather thoro 2,4-D spraying program has been started on the farm to clear the pastures of thistles and to rid the farmstead of bindweed. So far, Mr. Larson reports, results have been good.

He is looking to sweet clover to put his crop and livestock program solidly in the black. "I really am sold on the miracles sweet clover will perform," he stated, "after my experiences before buying this farm."

He then told us how he seeded sweet clover on his previous farm on upland soil that was so poor even the weeds were stunted. "The next year after I had plowed under that clover I seeded the ground to wheat and it made 20 bushels an acre," he recalls. "On another field that had been in cane for at least 20 years I seeded sweet clover,

## Selling Poultry

How to market poultry and eggs to best advantage is of prime importance in the poultry business. Two U. S. D. A. publications, written by poultry experts, are available for distribution. One is, FB 1377—Marketing Poultry, price 10c. The other, FB 1378—Marketing Eggs, price 15c.

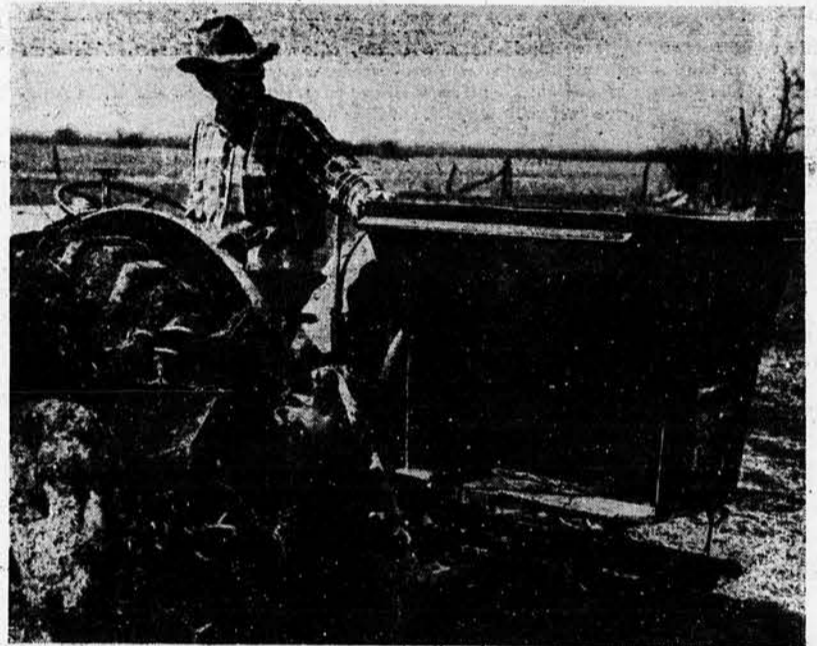
The Farm Service Editor, Kansas Farmer, Topeka, will be glad to order one or both of these bulletins for you.

followed by wheat, and the wheat made 40 bushels an acre."

With his cropping program worked out and provisions made for soil conservation, Mr. Larson isn't worried about his livestock program. He feels that whatever projects he finally chooses will be well provided for in the way of home-grown feeds.

## Seeds 10 Acres an Hour

### With This Homemade Machine



Frank Cox, Franklin county, (on tractor) uses this homemade outfit for seeding legumes and top-dressing small grains with nitrogen. He can seed 10 acres an hour with the outfit.

**A** HOMEMADE legume seeder and fertilizer spreader, that fits on the tractor drawbar and operates from the tractor power take-off, has been designed and built by Frank Cox, Franklin county.

The bin is made of welded tank steel. Parts of 2 threshing-machine augers were used inside the bin. Half the auger blades are left drive and half right drive. They are welded to the auger shaft so seed or fertilizer is moved toward the center opening in the bottom of the bin.

The gears that operate the flipper are straw-spreader gears off a small

combine. The flipper fan is made of cylinder bars and a steel barrel head.

A flywheel that runs the agitator and the power take-off universal joint are off a small combine. Rate of seeding is managed by means of a threaded bar attached to a metal strip covering the opening in the bottom of the barrel, and also attached to a control lever that can be reached from the tractor seat.

Mr. Cox claims he has seeded sweet and red clover at the rate of 10 acres an hour with this outfit. He also plans to use it for top-dressing small grains with nitrogen. "The whole outfit is light," he says, "and I can get out onto the fields sooner following a rain than I could with a drill."

## Feeds Old Soil For Good Crops

**W**HAT can you do with old farms? Nelson H. Poe, Peabody, believes you can make them produce good crops if you give them something to work with.

A few years ago he bought a half section of land south of Peabody. He points out that the soil had been mined with row crops, grains and no fertilizer returned. His first crop year was in 1946. Average wheat yield on the place was 12 bushels an acre. He used no fertilizer that first year and harvested just that—12 bushels an acre.

For his 1947 crop he applied 50 pounds of 45 per cent phosphate an acre with wheat in fall. Then in spring he applied 50 pounds of 32 per cent nitrate. His yield was 18.7 bushels an acre.

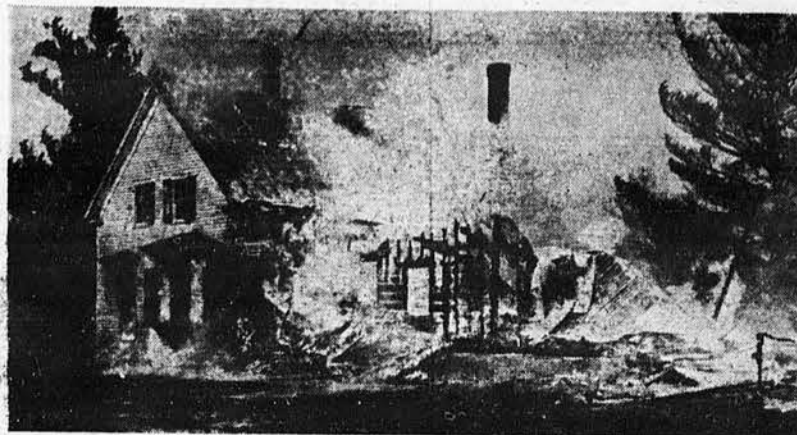
Last fall he applied 90 pounds of 20 per cent phosphate an acre on some of the wheat but didn't get it harvested before the heavy summer rains fell. On another area he applied 90 pounds of 4-16-0 in fall with 75 pounds of nitrate in spring. This was a 107-acre field. He harvested 2,100 bushels from this field.

About 72 acres in this field was cut after a 2-weeks delay by rains and brought in 1,650 bushels of wheat. The remaining 35 acres was delayed even longer and accounted for another 450 bushels.

In addition to a lack of fertility in the topsoil, Mr. Poe believes some of the trouble with the field is in soil compaction. The first year he plowed it 7 inches deep, the second 5 inches. Examination showed quite a large amount

of undecayed straw at both levels. He intends trying to break this up this year with a chisel type of tool. He believes he may be able to break it up sufficiently so plants can get roots down to where phosphate content still is relatively high.

## Farm Fire Every 15 Minutes!



**D**ON'T let this happen to your home! A farm fire occurs every 15 minutes, says the National Fire Protection Association, sponsor of Fire Prevention Week, October 3 to 9. Most fires, such as the one destroying this farm home, are caused by carelessness, says the association, and by failure to protect the home against fire hazards. Watch out for sparks falling on the roof, carelessness with matches. Don't start a fire with gasoline or kerosene. Repair any defective chimneys.

## Need First-Aid Kits

First-aid kits are essential for every farm, say officials of the National Safety Council. Good first-aid kits need not be expensive or difficult to provide. Homemade kits containing the essential medications, drugs, and dressings may serve equally as well as the more costly prepared kits on the market.

The following materials for assembling a good first-aid kit are recommended:

A tight box, preferably metal, such as a small cash or fish tackle box; rolls of adhesive tape of varying widths, sterile cotton, swabs and sticks, sterile white cloth for bandages and tourniquets, matches, ointment for burns, tincture of iodine, boric acid, tincture of merthiolate, liquid green soap or benzene, and rubbing alcohol.

## Tape on Wire

To keep pictures from tipping or sliding, I wind a little adhesive tape on the wire on either side of hook. This keeps the pictures in a straight position.—Mrs. H.

# JIM YOUNG'S Smart idea!

Old Jim Young sells the snap and crackle of mountain grown apples by mail!

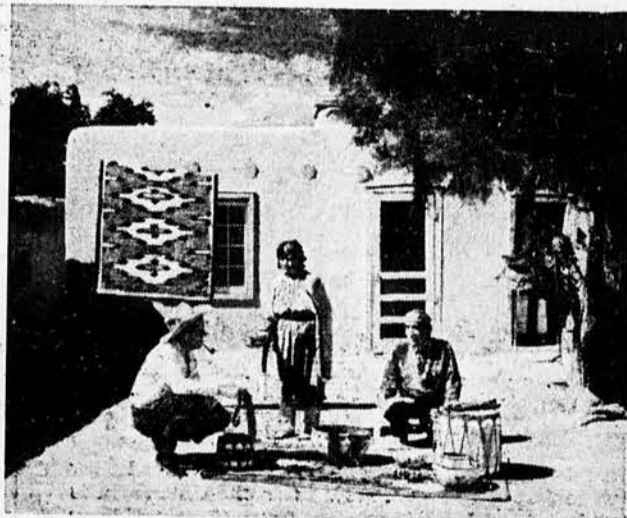
"THE IDEA WAS BORN in the Jemez Mountains of New Mexico," relates Ford Truck user Jim Young. "In a canyon there, I noticed one old apple tree with fine looking apples on it. A Spanish fellow told me he had picked fruit from that tree every fall for twenty-odd years. Figuring this was a good frost-free spot, I cleared and terraced the land, dug irrigation ditches, set out apple trees. Ford Trucks were a big help in getting my idea started. They still are!"



JIM-YOUNG and son Webb (left) discuss a proposed mail order advertisement. "Every bite crackles . . . and the juice runs down your lips" is typical taste-tensing Young claim. Mail order selling of apples was first tried by Young in 1941.



PACKED AS FAST as picked, under Jim Young's personal supervision, the cartons of apples are trucked immediately to the express office for fast delivery.



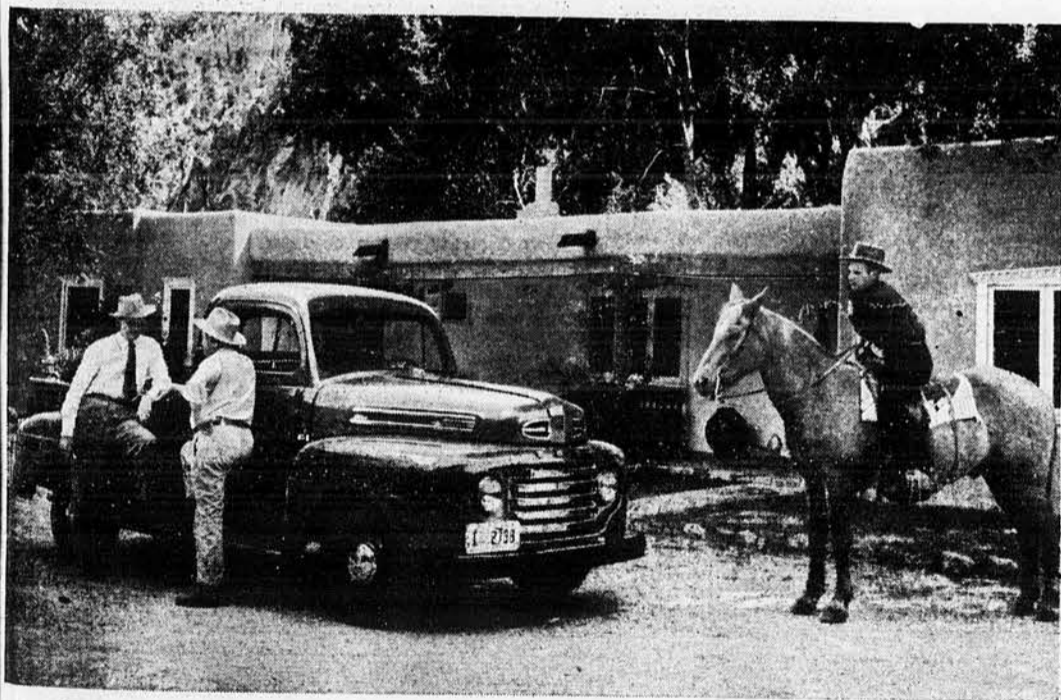
APPLES BY MAIL is only one of the Young ideas. Here son Webb trades with nearby Indians for the hand-woven neckties, silver work, and other handicrafts which have also made the Youngs' smart mail order selling a substantial success.

# JIM YOUNG'S Smart move!

He selects Ford . . . the Bonus Built Truck, to do the hauling in his business. Smart move! Smart business!



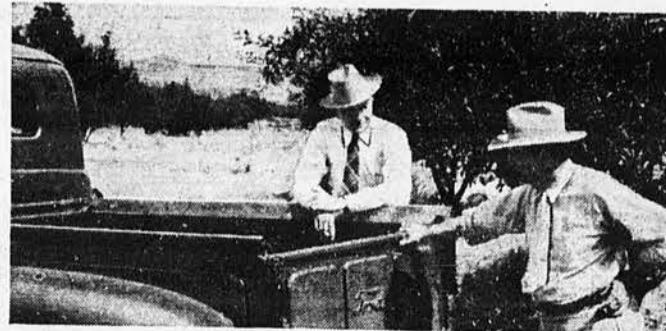
THE COCHITI INDIAN truck driver and Jim Young admire a smart idea in Ford Truck engine design. "Locating that Sealed-Dry distributor high up on the engine so water can't get at it when a truck splashes through one of our running arroyos is a smart idea," observes Jim Young.



NEW FORD PICKUP TRUCK is demonstrated to Young by Ford Dealer, Joe DuBois of Santa Fe. "If this truck can stand up and take it like the older Fords," says Jim, "it's a mighty fine piece of machinery." Replies Joe DuBois, "There's no reason why it shouldn't stand up even better than the old jobs. It's built stronger. Every one of over 139 Ford Truck models is built with big strength-reserves which extend truck life."



"THIS AIR WING VENTILATOR in the door glass is practically a Ford Truck exclusive," says Ford Dealer Joe DuBois to Jim Young. "It's standard on Ford Trucks, but you can't get it for love or money on 9 out of 10 other new trucks."



"IT'S A BIGGER BODY than it looks," says Jim Young. "For our orchard work and our Indian trading it's just what we need. And I like that all-steel floor, too." "Yes," replies Joe DuBois, "any way you look at it Ford's the smart move for any load. It'll take the punishment on these mountain roads."

# JIM YOUNG'S Smart bet!

FORD TRUCKS LAST LONGER

Using latest registration data on 5,444,000 trucks, life insurance experts prove Ford trucks last longer!

# GREEN THINGS

## Help Make a House a Home

By Florence McKinney

**A**CROSS a wide sweep of lawn the house nestles among the shrubbery; tall trees make cool shade; flowers bloom at almost any season of the year. They planned it that way. This farm home belongs to Mr. and Mrs. Oscar V. Roller, of Shawnee county, who honestly admit they did not spend much money and that anyone can do what they have done. Both of them are interested in all things that grow. Variety names are on the tips of their tongues. In fact, their large variety of trees, shrubs and flowers makes their farm home what it is . . . a place of beauty.

Twelve years ago the Rollers were living on a nearby farm, the home where they expected to spend the remainder of their days. In order to build a lake the county condemned the land and they were forced to move. Now their one-time farm is under water. With the money from the sale of their old farm, they bought the new one. There were only a few shade trees at the new location, so when they built the new Cape Cod house, they began the plantings. In 12 years it looks as if they always had been there.

Mrs. Roller remembered that when living in the old home, no one used the front door . . . and for a reason. It was not easily accessible. When they arranged the new home setting, a driveway was made which leads to the side porch and dining room. A kitchen-door visitor is sometimes not as welcome as she should be . . . depending on whether the work is up to snuff in that ordinarily very busy room. A well-planned driveway is the answer and the Rollers have just that.

The same can be said for the clothesline. It's well located. At the back of the house in an open space,



**Above: Vanhouttei spirea trimmed into a hedge curves around a flower bed of grasses and bright-hued salvia.**



**Above: Double bridal wreath with its dark green, waxy leaves make the foundation planting, and Englemann ivy climbs the chimney.**

**At Left: Out front at the end of the drive is the perennial hibiscus which blooms prolifically in July and dies down each winter.**

several lines are strung between 2 well-braced poles . . . no trees overhead. They are near the laundry room in the basement, adding naturally to the efficiency of the laundry work.

No landscaping is right without a smooth, well-kept lawn. This one is a bluegrass and white Dutch clover mixture. A watering system in case of drouth, and a gasoline-power lawn mower do their share in making the lawn an attractive foundation for the house. The large shade trees are American and Chinese elms, maples, walnuts.

There is nothing in the landscaping plan so important, the Rollers feel, as foundation plantings. That is the part that ties the house to the ground where it needs to be. Here are low-spreading evergreens, the Pfitzer juniper and at one front corner a taller red cedar. They have trimmed vanhouttei spirea hedges, one close to the foundation, the other curved at the lawn edge near the driveway turnaround. Earlier, they planted barberry for hedge purposes, but they died, so the hardy spirea took their places.

Mr. Roller went down into the timber along the creek and dug out some redbud trees for part of the landscaping scheme, and how well they have repaid him for the effort! They are native and much admired. Their wild state has not lessened the love of most folks for the redbud.

On the west side of the house along the foundation is another variety of spirea called the double bridal wreath. In conformation it looks much like the well-known bridal wreath, but the leaves are darker and waxy. On the fireplace chimney, cover-

ing almost every inch of it from top to bottom, is Englemann ivy. Mr. Roller has found it hardy and quick growing.

The Rollers love to experiment with new varieties of everything that grows, new bulbs, new perennials, annuals, shrubbery. When they find something is not well adapted and will not thrive with ordinary attention, they turn to other varieties. Take hybrid tea roses for instance. Mrs. Roller loves them and would like to grow them, but from experience has found them to require time and effort beyond their returns in beauty, so she has turned to harder varieties . . . those that survive and bloom despite unusual weather and insects.

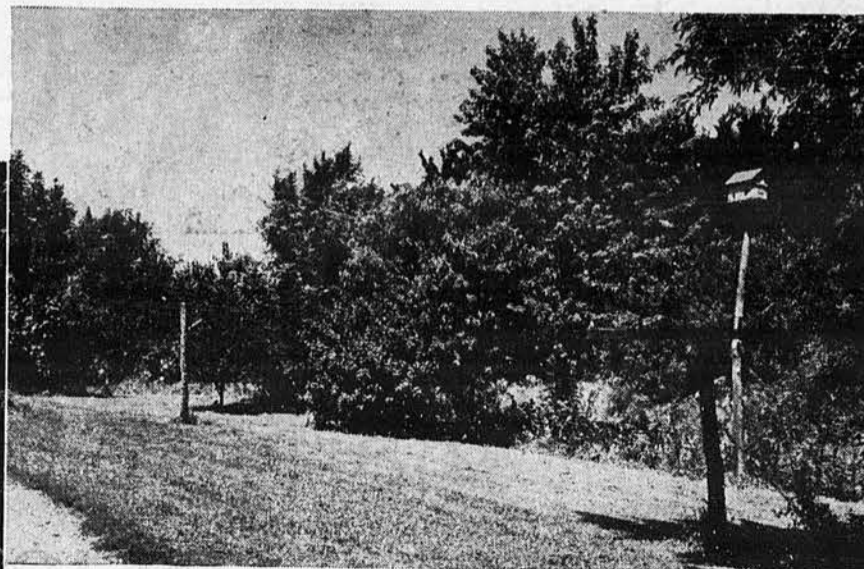
A Paul's Scarlet is climbing the rose trellis on the garage, a yucca grows by the fireplace chimney. On the far side of the driveway, Mrs. Roller has plenty of room for experimenting. There, 8 inches down are between 4,000 and 5,000 tulip bulbs. Azalea chrysanthemums grow right on top for later blooming for a particular reason . . . they need no artificial watering. There too are gladioli and Oriental poppies. Every 3 years they dig the tulips and reset them.

On the other side of the house, the land slopes up into a field. Along the dividing line grow large cultivated iris, bluebells, hollyhocks, asters, yucca, Rose of Sharon, galliardia. These keep the soil from washing onto the lawn.

To make a house a home, there is nothing to compare with green things, green trees, shrubs and gay flowers. The same can be said for their value as a satisfying hobby.



**At Left: Mr. and Mrs. Roller rest a bit on the lawn. The right foundation plantings tie the house to the ground. Driveway leads to side door.**



**Above: A clothesline arrangement becomes a part of the landscaping scheme. It is in an open space, clipped grass beneath with martin house nearby.**

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# Homemaking

## Books on Review

### Roses for Every Garden

The first sentence in this book is, "The rose is the world's favorite flower." The author, Dr. R. C. Allen, is executive secretary of the American Rose Society and formerly assistant professor of floriculture at Cornell University. The book is for the everyday home gardener. It classifies roses of all types; there are many line drawings showing the reader how to grow roses, how to train them on a trellis, how to cut them, how to prune, how to plant them. Many pages show various types of roses in color. The author who "can hardly remember when I first became interested in roses because I grew up with them," writes a book which strips rose culture of its complications. He emphasizes only those practices essential to success. You can understand everything the author says... it will give the everyday home gardener a better understanding and appreciation of the roses she grows and the roses she sees. *Roses for Every Garden* is published by M. Barrows and Company, Inc., New York City.

### Natchez on the Mississippi

Natchez is on the Mississippi and in the state of Mississippi. The town is now the mecca of tens of thousands of Americans who wander thru the streets, thru the great houses and visit with the owners.

In the old days a hundred years ago and more, Natchez was the capital of a lush cotton empire, dominated by men and women who built pillared mansions, bought the furnishings while on European trips, who practiced high society and invited the world to come and look.

A hundred years ago everybody, it seemed, wanted to go there to make a fortune or have a good time... planter, steamboat captain, soldier, men of

good will and evil. Everything came bigger in Natchez, plantations, mosquitos and ambitions.

Natchez on the Mississippi is published by William Morrow and Company, New York City.

### Journey Thru the Bible

The author, Walter D. Ferguson, has a flair for picturesque prose. What the better Bible stories do for the young reader, this fascinating new book will do for the average adult reader. It's a retelling and reinterpreting of the entire period of Bible life in such a way that it will stimulate intelligent Bible reading. Some of the chapter titles: *The Gardener Walks in His Garden; The Victor Gets the Spoils; Uneasy Heads; Who Is My Neighbor; A Skeleton at the Feast; The Little Farmer on Route One.* It is printed by Harper and Brothers, New York City.

### To Remove Gum

To remove that hard-to-budge chewing gum from your son's white shirt, chill the gum with a piece of ice, then simply scrape it off. Wash it in the regular laundry and there will be no stain.

### Recipes for 16 Cakes

We will send you without cost a leaflet containing 16 tested cake recipes, 12 icing recipes, 54 success tips and directions for mixing cakes. There are many pictures for your help.

Write to the Farm Service Editor, Kansas Farmer, Topeka, and ask for leaflet, "16 Favorite Cakes." Write name and complete address carefully.

## Winter Pattern Plan



**4725**—Scallops and heart pockets decorate this cover-all apron. Takes only one yard of material. Sizes small (14 to 16), medium (18 to 20), large (40 to 42). Small, one yard 35-inch.

**4733**—A practical style for winter and fall. Has notched collar and cuffs, paneled skirt. Sizes 34 to 50. Size 36 requires 4 1/2 yards of 39-inch material.

**9039**—Sweet and pretty jumper outfit. Easy for little daughter to put on. Sizes 2 to 10. Size 6 jumper requires 1 1/2 yards of 39-inch material; blouse

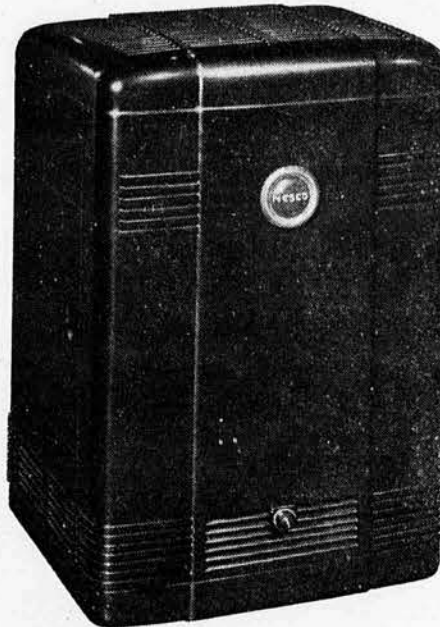
requires 7/8 yard of 35-inch material.

**4642**—Easy to sew, smart to wear jumper and blouse outfit. Has a slim-flare skirt, huge pockets. Sizes 12 to 20. Size 16 jumper requires 3 3/4 yards of 39-inch fabric; blouse 1 1/2 yards of 39-inch fabric.

**4846**—Designed in a casual mood with cuffs, big pockets, tiny waist, full skirt. Make-believe monogram at shoulder. Transfer included. Sizes 11 to 17. Size 13 requires 3 1/2 yards of 39-inch material.

Send 25 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka.

A name you know.. quality you can trust



## NESCO Fuel Oil Heater

Quality-built by the makers of famous Nesco Kerosene Ranges, Electric Roasters and Housewares, this Nesco Fuel Oil Heater assures you complete heating satisfaction, night and day, year in and year out. Amazingly efficient *dual-flow* heat output is provided through the top grille and reflect-doors (when open) — plus floor level heat from the exclusive heat directing synchronized louvers. Many other features provide unusual economy, ease of operation and convenience. See the Nesco Fuel Oil Heater at your dealer's today!



Nesco products include kerosene ranges, pressure pans, stainless steel utensils, enameled ware, tinware, galvanized ware, decorated kitchen containers, electric roasters, electric ranges and heaters. Look for the Nesco label!

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## HERE'S A RED STAR RECIPE YOU'LL LOVE

### HALLOWEEN DOUGHNUTS

<p><b>2 packages Red Star Dry Yeast</b></p> <p>1/2 cup warm water</p> <p>1/2 cup milk, scalded</p> <p>1 teaspoon salt</p> <p>1/2 cup sugar</p>	<p><b>2 eggs</b></p> <p>4 3/4 cups sifted flour (approximately)</p> <p>1/2 teaspoon mace</p> <p>3 tablespoons shortening</p> <p>Fat for frying</p>
--	--

Dissolve 2 packages Red Star Dry Yeast in 1/2 cup warm water. Let stand 2 to 3 minutes. Place scalded milk, salt and solution thoroughly and add to this mixture. Stir yeast and melted and cooled shortening, stirring vigorously. Add remainder of flour stirring well. Shape into smooth ball and knead for 3 minutes. Place on lightly floured board and let rise in warm place for 45 minutes. Without punching down turn dough onto lightly floured board and roll to 1/2 inch thickness. Cut dough with 3 inch floured doughnut cutter. Place doughnuts on floured baking sheet. Let rise in warm place until very light (about 1/4 hour). Do not cover. Fry in deep hot fat (350° F.) on both sides. Drain; cool and roll in sugar. Makes 2 dozen.

TEACHER  
LEARNS A LESSON  
ABOUT RED STAR  
DRY YEAST

WHAT LOVELY DOUGHNUTS JOHNNY... HOW DOES YOUR MOTHER DO IT?

SHE SAYS YOU CAN MAKE 'EM EASY... IF YOU USE RED STAR DRY YEAST

NOT RED STAR... MOM SAYS IT RISES FAST AND MAKES DOUGHNUTS TASTE BETTER



KAY ROGERS SAYS: "Save time with your own recipes by using RED STAR... and be sure to make a batch of RED STAR Halloween Doughnuts for the children."

# RED STAR DRY YEAST

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**5 BULOVA WATCHES**

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You can win a smart new '49 Ford Tudor or one of 30 other fine prizes, just for a short, easy letter! Here's what to write about: Everyone knows what a sad day Christmas is for the orphan who gets no gifts or candy.

And most everyone knows the Butter-Nut "Christmas Gifts for Orphans Club" brings real Christmas to over 10,000 orphans each year.

So just tell, in your own words, how easy it is to save the Butter-Nut Coffee labels and tin strips and send them in to be credited as cash in the Christmas gift fund . . . and what a joy this tiny effort brings to thousands of orphans on Christmas morning. Say it right, and a Prize is YOURS!

This contest is to remind folks to start saving labels from Butter-Nut jars and tin strips from Butter-Nut cans. Send them in next November when we send out the call. The more you send, the bigger the fund.

The label you send with your contest entry will be credited to the Christmas fund.

### RULES

1. Write a short letter, starting: "I'm joining the Butter-Nut Coffee Orphan's Christmas Club because . . ."
2. Mail your entry with a Butter-Nut Coffee label or tin strip by midnight, October 30, 1948.
3. Entries will be judged on sincerity, aptness and originality. Decision of the judges is final. Duplicate prizes in case of a tie. Letters become our property.
4. Anyone can enter except our employees, their families and employees of our advertising agency.
5. Address your entry to: Butter-Nut Coffee, Omaha, Nebr., Dept. F-3.



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# Butter-Nut Coffee

*The* **Delicious**

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## Homemaking

### They Are for All to See

Rare Bible Collection Housed at Baker University



Thomas Evans, alumni secretary, and Harriet Osborne, librarian of the Quayle Bible collection, take a look at the 700-year-old synagogue "roll."

IT'S A bit awe-inspiring to view the Bible collection at Baker University; to ponder about the world as it must have been when they were written. For these Bibles are old, a collection few people have the opportunity to see in a lifetime. They were presented by Bishop William Alfred Quayle to Baker University on his death, March 9, 1925. Bishop Quayle will be remembered by many Midwesterners as an inspiring churchman and speaker of the past generation.

The gift is a collection of rare Bibles, a work of a lifetime, and one of the most important and valuable exhibits ever given to an American college. Harriet Osborne presides over the Quayle collection, housed in an alcove of the university library on the campus at Baldwin. She is now writing what she wishes to call, "a biography" of each Bible. She keeps a register of visitors who come to view the collection and they do come from everywhere.

Scholars come from afar to read from them. And Miss Osborne added that they have read in every book but one in the collection, and that one is written in the Cheyenne Indian language. This particular Bible happens to be there not as a part of the Quayle collection, but because other interesting Bibles are added from time to time. For instance, Miss Osborne points out one Bible given by President Truman, another by our Ex-president Hoover. She smiles and comments that they are separated as far apart as possible.

Having received the Bibles, some

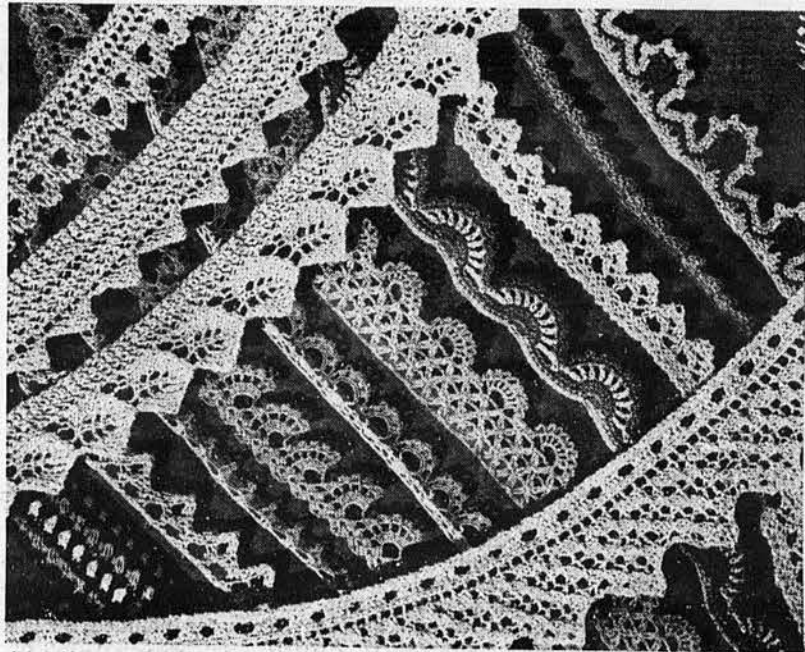
means of displaying had to be provided. The specially constructed cabinets, each weighing 2 tons, were the gift of Bishop Quayle's old-time friend, the late Joseph L. Bristow, formerly United States Senator from Kansas.

There are Bibles in many languages, including several antedating the invention of the printing press. There are 13 Bibles written in the 15th century and many first editions of the English versions. Bishop Quayle kept in touch with the book market of London and New York City and thru them was able to learn when valuable copies were for sale.

To see this famous collection is well worth a short vacation trip. The collection is not only a history of the Bible, it is a history of paper making from the most delicate parchment to the splendid hand-made paper of the 15th century, and the equally splendid paper of the Grolier Bible and the Dove's press edition. Leather workers, engravers, brass and silversmiths all have made their contributions to the interest of the books.

They are for all to see, resting in great glass-covered drawers to carry out the wishes of the giver, who wrote in his will: "I give and bequeath to Baker University my collection of Bibles so that these books illustrative of chirography, printing and the poetry of religion may be always before the eyes of the students to the end that thereby they may be incited to scholarly love of books and deep enjoyment of them and abiding love of God."

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### HOMEGAS DEALERS IN KANSAS

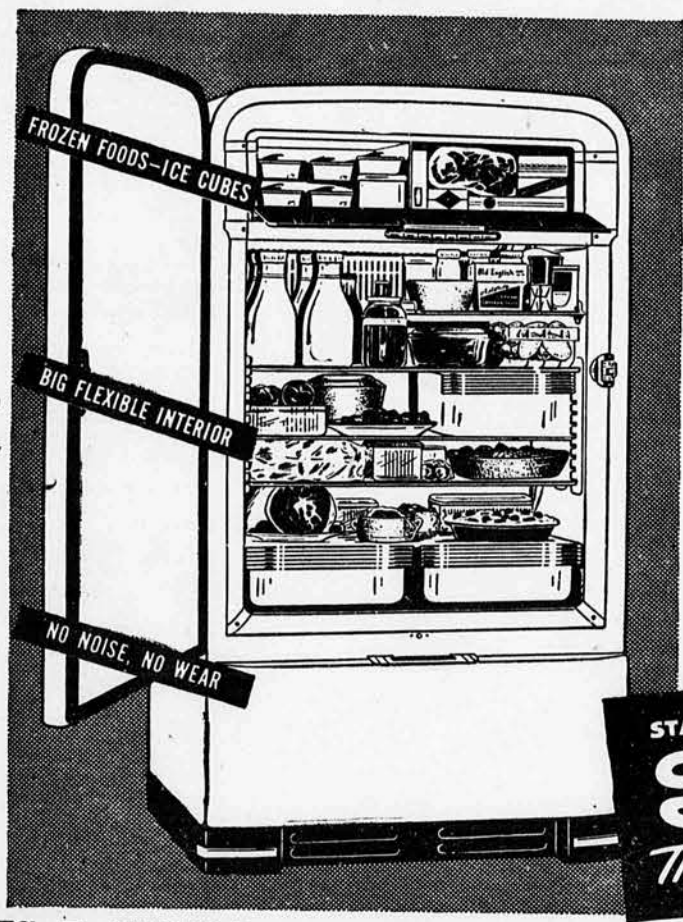
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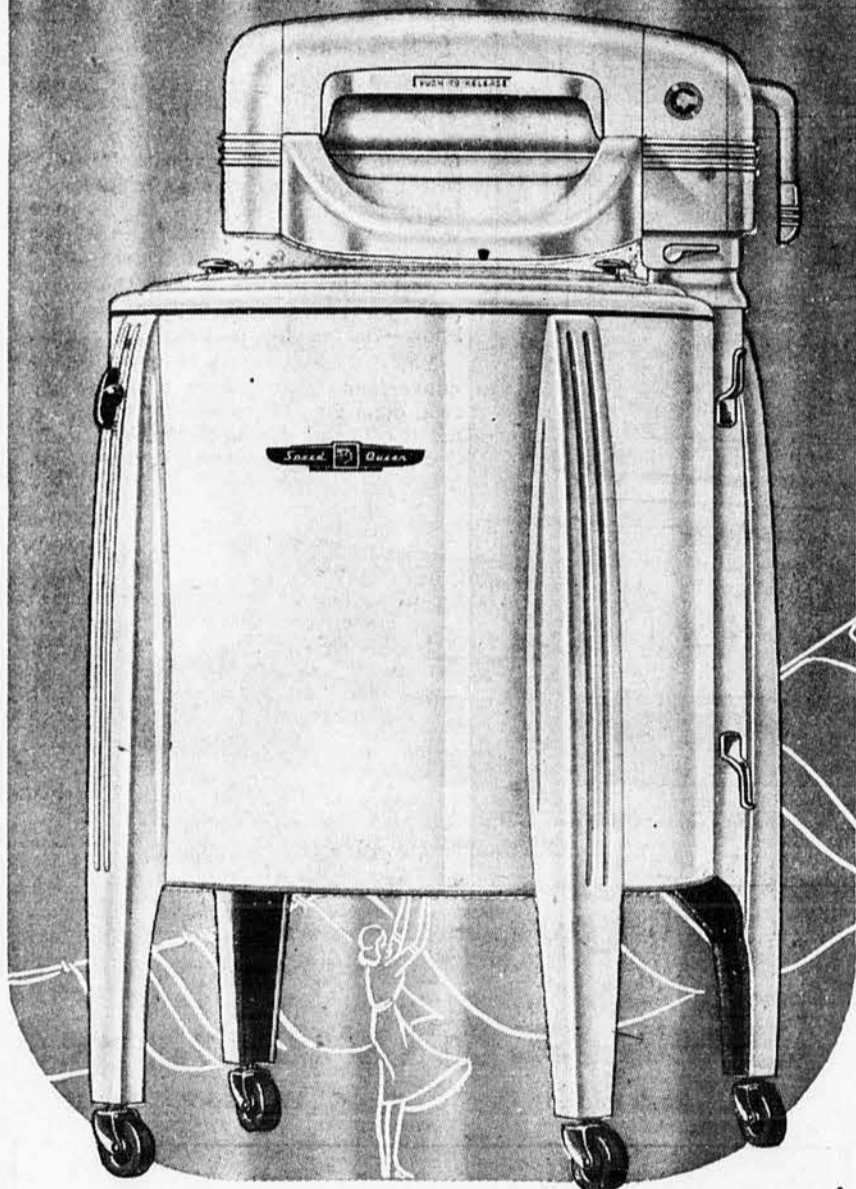
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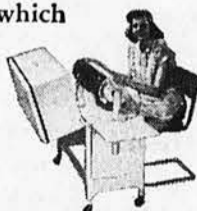
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## "How About My Blood Pressure?"

By CHARLES H. LERRIGO, M. D.

EVERY day the carrier brings me interesting mail; few indeed are the days in which no letter comes to ask about blood pressure.

How did I get blood pressure? is a common one. What causes blood pressure to be high? What makes it low? What is normal? If I do have high blood pressure how would it affect me? How much would it interfere with my work? Does diet have anything to do with it? What about medicine?

If you have not yet asked yourself one of these questions you will some day. But if tempted to ask question No. 1, remember that you were born with it. Everyone has blood pressure. So long as the blood finds its way thru the body it makes pressure on the walls of the arteries, and the only problem is whether it is working in a well ordered way that gives you health.

As to what you may eat and drink, you should choose from the things that best agree with you as to digestion and results. Formerly, doctors made rigid rules of diet for every case of high blood pressure. The patient must eat no meat, drink no coffee, use no tobacco; and red meats were especially to be avoided. Few doctors now adhere to such rules, for they proved not to be worth while.

### Eat Balanced Diet

The thing of importance is a well-balanced diet including a variety of foods with necessary vitamins and minerals. Foods that leave an alkaline residue are better than acid, and the best alkalines include beans, peas, green vegetables, fruits and milk. If actual demonstration in your case shows that certain articles upset you, or that you do better without them, by all means cut them from your list.

A good rule for every person with high blood pressure is to avoid any excess in eating or drinking, and it is better to take several light meals than 3 heavy ones. Any tendency to overweight should lead the patient to ask his doctor about reducing. For low blood pressure an easily digested diet of foods of high nutrition value is important.

Take no medicine unless prescribed

for you personally by a physician whom you know and trust. Avoid advertised drugs sold for the express purpose of "hammering down" blood pressure. They may do you great damage. If your case is not one which can be cleared up by treatment of some underlying trouble, you probably face a chronic condition. Pick a doctor who will keep close track of you and may easily be consulted at need. Don't expect much medicine. Instead of that, correct your habits of life by cutting out all harmful things and all things that put you under strain. Avoid strain. Avoid hurry. Ask your doctor about the diet most likely to fit your case and about vitamins needed. He will be slow to advise surgery, but it is being done.



Dr. Lerrigo

Subscribers wishing further counsel may have a copy of my special letter, "Hints About Blood Pressure," upon request. Address Doctor C. H. Lerrigo, Kansas Farmer, Topeka. Be sure to enclose stamped reply envelope, to your own mail address, as no copies can be sent without this.

### Probably Is Impetigo

Our children have a disease that looks a good deal like ringworm only it has dry yellow crusts and comes all over the face chiefly. What can be done for it?—Mother.

The disease is probably Impetigo Contagiosa. It begins with little vesicles which dry up and form honey-colored crusts. For treatment, first soak off the crusts with warm, soapy water to which a little soda has been added; then apply a coating of USP ammoniated mercurial ointment. If it irritates, tone down with vaseline.

### May Be Rupture

I have trouble in my side that comes and goes chiefly when I'm on my feet and always goes away if I lie down. There is a place like a small rubber ball that comes there when I strain.—S. M. C.

You have a rupture, I fear. You may keep it in place by a well-fitting truss or have a surgical operation. This will depend somewhat upon your age and the nature of your work. For a young, healthy person, surgery is the thing.

### Saves Mother Steps

I attached a small towel rack to the back of the baby's high chair and at mealtime it can hold bib, damp washcloth and small towel. This saves me many steps.—Mrs. L. W.

## A Drinking Fountain Pump



It won't mow, rake, dry and bale hay in one automatic operation. It doesn't cut and thresh wheat, and shoot loaves of bread out the back end. In fact, all it's good for is to give a thirsty child in a country schoolyard a clean, fresh drink of water. Literally a bubbler, the "drinking fountain" pump was developed after a suggestion by the Wisconsin State Board of Health. Its sanitary features (over the old tin cup) are self-evident from the photograph.



### Homemaking

#### Hunt-the-Picture Game

After reading in Kansas Farmer about a Mother Goose game to play with small tots, Mrs. R. L. played it with her 5-year-old grandson. She sent us the following suggestion for another game that she used when her own children were tiny. She says that it saves many interruptions when ironing.

Her game is as follows: If you have a preschool child, here is a game which is an aid to ironing without interruption. Of course it can be used at other times, but ironing seemed to be the work at which I most disliked interruption. Have the little child sit in a chair close by the ironing board with his Mother Goose book. Repeat a rhyme and ask him to hunt the picture that illustrates it. Then occasionally let the child choose a picture first, then you repeat the rhyme.

#### A Riot of Fun—A Play

A new play which is especially good for entertaining at some function to which the whole community is invited, is entitled "The Family Album." There can be 28 characters. However, each person in the play may take several parts by changing hat or make-up before appearing in the album. The stage setting is simple and easily carried out. A subscriber who sent us the play used it in her community where it was a huge success.

A copy of the leaflet will be sent upon request to Entertainment Editor, Kansas Farmer, Topeka. Price 5c a copy.

#### To Restore Cellophane

Those moistureproof cellophane bags or rolls used for home packaging of food for home freezing are normally soft and pliable. They will become brittle, however, if kept in a dry, warm place.

There are 2 ways these bags may be returned to their original softness. Hang them in the refrigerator from the racks with clips and let them remain for at least 4 days. Or place them in a damp container for at least 24 hours. The cellophane does not absorb moisture quickly, so give it plenty of time.

#### Joys and Tribulations

I love the farm and the new little colts,  
The little chicks, piggies and turkey  
poult.

I love to smell the meadow's new-cut  
grass.

I love to eat the garden's nice fresh  
sass.

Yes, and I love fried chicken . . . Yum  
. . . Oh boy!

Still (take it from me) the farm's  
not all joy . . .

Say! Of its troubles you don't know  
the half,

Till you attempt to bucket-feed a  
new calf!

—By MAY SMITH

#### That Gelatin Dish

Use fruit or vegetable juice to soften the gelatin instead of the usual cold water which dilutes the flavor. Use a little cold juice to soften the gelatin, then add enough hot juice to thoroughly dissolve it. Gelatin should be approximately as thick as the raw white of egg at the time fruit, vegetables or meat is added.

#### For Halloween Fun

There are 12 suggested games or contests in our leaflet, "Halloween Fun." How to make black cat invitations, how to decorate the house or hall, and how to make place cards are also given, as well as suggested refreshments for the party.

For a copy of this leaflet, please address Entertainment Editor, Kansas Farmer, Topeka. Price 3c.

# NEW! Breeze

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From Your Cough Due to a Cold  
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New Pocket-Size HOT WATER HEATER  
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Place "BOLL-QWIK" Portable Electric Water Heater in water. Plug in electric socket and "BOLL-QWIK" goes to work at once, heating water for bathing, washing dishes, clothes, windows, shaving, watering stock, cleaning milk pails, 101 uses! Boils small quantities much faster than average gas burner. No fires to build. Follow directions. Handy! Portable! Inexpensive! MONEY-BACK GUARANTEE. If not satisfied, return within 10 days for full cash refund!  
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**MESA COUNTY PEAR BOARD OF CONTROL**  
PALISADE, COLORADO

# Tailored Clothes

... They Model for Us

By Florence McKinney

WE ACCEPTED Eyleen Graham's invitation to attend the fashion show and reception in Marshall county. We love pretty clothes and we saw lots of them, all made by the 60 women who learned to tailor under the guidance of Miss Graham, home demonstration agent.

Singly and in groups, they came from the wings onto the stage in the high-school auditorium in Frankfort. To the accompaniment of music, against a background of flowers and to the narration by Mrs. Byron Guise, the 60 models displayed their new hand-tailored suits and coats.

To acquaint us a bit with this county-wide project, Miss Graham said, "The value of the finished garment is anywhere from 3 to 5 times the cost of materials." This made the value of the garments range from \$60 to \$100. Weeks before the fashion show, while the garments were in the making stage, they divided themselves into 6 groups, each met 5 times to learn the techniques of tailoring. Each garment was made first in muslin, fitted and altered, then duplicated in the final material. All made tailor's hams on which pressing was done where there were curves in cutting. The women helped one another by working in pairs.

Grace Landreth, of Axtell, made an aqua gabardine 2-piece suit, dressmaker style with a fish-tail jacket and slim skirt. She estimated that it would retail for \$90.

We watched Dr. Bertha Cauble and her daughter, Mrs. Warren Smith, both of Marysville, walk out behind the footlights in their mother-daughter suits, smart in every line. Mother made the suits alike; plain brown wool skirts, brown and white striped jackets with plain brown lapels. Doctor Cauble modeled her suit with a brown lizard bag, brown pumps and hat and white gloves. Mrs. Smith wore a green hat with brown trim, brown platform pumps, white gloves and brown corde purse.

Mrs. Clem Sextro, of Marysville, modeled her gray and blue plaid wool 2-piece suit with black accessories. She told us the total cost of materials was \$19.15. Mrs. R. C. Barclay, of Marietta, talked about her cadet-blue wool covert cloth coat, one that will serve both for spring and winter.

Next came Mrs. Homer Scoggan, of Summerfield, wearing a black Forstman's wool 2-piece suit with 3-button jacket, a slim skirt with pleats front and back. With this modish outfit, she modeled a white lacy crepe blouse, black hat, shoes, purse and white gloves. Mrs. Guy Wilcox, of Blue Rapids,

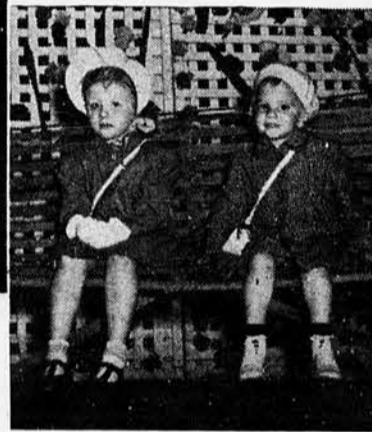


Above: A mother and daughter fashion modeled by Dr. Bertha Cauble and daughter Mrs. Warren Smith both of Marysville.



Above: Following the fashion show all the Marshall county women joined in a tea and reception.

Below: Small fry are not neglected when it comes to tailoring. Left: Marguerite Fitch in blue wool and Margaret McLeod in brown and white check.



Above: Mrs. Floyd Stryker, Blue Rapids, models her 4-piece bolero suit, made of green covert cloth worn with cocoa-brown accessories.

modeled her smart brown wool winter coat with which she wore a dusty rose hat, dress and gloves. She valued her coat at \$100, total cost to her was \$30 for materials.

Little folks in tailored garments were running about and we finally got Marguerite Fitch and Margaret McLeod to sit still long enough for a picture taking. Marguerite is a daughter of Mr. and Mrs. Fred Fitch, of Frankfort, and Margaret of Mr. and Mrs. Glenn McLeod, of Marysville. Marguerite wore the little blue wool coat and Margaret the brown and white checked wool coat made by their mothers. Their eyes were wide with wonder at the goings-on.

Mrs. Floyd Stryker, of Blue Rapids, could well be on the cover of a fashion magazine. She modeled her 4-piece bolero suit of green covert cloth worn with a cocoa-brown blouse and accessories. It was

perfect in line and fit and she was justifiably proud of her efforts.

We saw Mrs. Theodore Musil, of Blue Rapids, wear her beige-gray spring topper in three-quarter length. The materials cost \$28.90 . . . you can figure yourself the retail value of that smart fashion number.

We don't have room to describe 60 tailored garments, but it was gratifying to see that women with 5 days of instruction can complete garments that will pass the test of the most discriminating.

Following the fashion parade and program, the women gathered around the tea table for refreshments and happy companionship that accompanied this all-county get-together. Considering the success of this project in tailoring, we'll venture to guess that Miss Graham will have more classes in tailoring in the months to come.

## The Recipe Corner

WE'LL say at the beginning that the Sesame Club, of Shawnee county, serves a delectable luncheon. Not only good but just as good to look at. Recently they held their annual luncheon meeting with afternoon program at the home of Mrs. William Atchison, and they invited your women's editor to be the guest speaker. To prepare us as well as the members for the speech, we were served luncheon first. So good was the menu as a whole and each dish individually, that we print herewith the recipes. You may count on them all.

The Sesame Club in February, 1947, celebrated its 25th anniversary. Today there are 30 members and they meet monthly, 11 months in the afternoons and serve only light refreshments. This year the program has included book reviews, studies on art and history. Recently they reviewed "Inside U. S. A." by John Gunther, one chapter at a meeting.

The past few months, each member has taken her turn reviewing an article or short story she has read in some periodical. Mrs. E. A. Dunlap, a charter member presented a written history of the club. At a recent election of officers, Mrs. Mary Porter was elected president.

The day we accepted their hospitality, the luncheon was served buffet style. With rolls and coffee, we repeat it was delectable. Here are the recipes:

### Pineapple Delight

½ cup milk  
½ pound marshmallows  
1 cup crushed pineapple  
1 cup whipping cream  
Graham crackers

Melt marshmallows in milk. Let cool. Whip cream. Add pineapple and whipped cream to marshmallow mixture. Crush graham crackers to cover bottom of 8- by 10-inch baking dish. On top of crackers pour first mixture. Chill for 24 hours or until firm. Any fruit may be substituted for pineapple.—By Mrs. R. B. M., Shawnee Co.

### Jellied Chicken

1 chicken  
½ cup diced celery  
½ cup diced sweet pickle  
½ small can pimiento  
4 hard-cooked eggs  
1 teaspoon celery salt  
1 tablespoon gelatin  
1 teaspoon salt  
¼ teaspoon pepper

Cook chicken until tender. When partly done, add salt and pepper. When meat will fall from bones, remove from broth, remove skin and bones. Either chop or grind with coarse knife in food chopper. Dissolve gelatin in a little cold water and add to 2 cups of cooled broth. Chop eggs coarsely. Cut pimiento into small pieces with knife or scissors. Mix all ingredients together, add more salt and pepper if desired. Put into bread pan or baking

dish and place in refrigerator to set. Olives may be substituted for pickles. A little chopped green pepper may be added.—By Mrs. W. H. W., Shawnee Co.

### Escalloped Potatoes

4 cups sliced raw potatoes  
2 cups scalded milk  
3 tablespoons flour  
4 tablespoons butter  
1 teaspoon salt  
¼ teaspoon pepper

Place a layer of potatoes in a baking dish, sprinkle with flour, salt and pepper. Add bits of butter. Continue with layers of potatoes and seasonings until all potatoes are used. Cover with scalded milk and bake for about 1½ hours or until potatoes are thoroughly cooked in moderate oven (350° F.).—By Mrs. M. M. P., Shawnee Co.

### Green Salad

1 package gelatin  
1 cup chopped celery  
1 cup chopped cabbage  
pimiento, chopped  
½ teaspoon salt

Dissolve gelatin in a pint of boiling water and set to cool. When it begins to set, add other ingredients. Stir well and pour into mold. Place in refrigerator until firm. Serve in lettuce cups and top with cooked salad dressing.—By Mrs. M. F. C., Shawnee Co.

## In Support of "CROP"

### Your Generosity Is Not Being Abused

**D**EAR EDITOR: In the August 7, issue of Kansas Farmer an article appeared: "CROP" Asks for Grain. It was written by James Senter Brazelton. I wish to take issue with a number of statements he made in regard to sending food to suffering people in war-torn lands.

He leaves the impression that it isn't necessary to send food thru CROP, because you aren't sure it is going to get to the people who need it. And that too much money is used to pay salaries of the individuals engaged in gathering this food and sending it overseas.

He further states that an army major reports, "that everywhere the Germans seem busy and doing O. K. Despite the very low food allowance they look well-fed and in good health. The children all look in the 'pink' and he thinks that in about 25 years they will be ready to take us on again."

If such reports continue to be circulated . . . and the hearts of Americans become more calloused to the needs of suffering men and women, as well as innocent children, it will not take another 25 years to have these depressed, abused, neglected, and stunted masses of humanity revolt against those who could have changed their lot.

I was selected chairman of the Wabaunsee CROP campaign and have been engaged part time, without any financial remuneration, in this work since the summer of 1945. I would not be giving my time to this cause were I not convinced the American people, thru their generosity, kindness, and love for children, who never asked to be placed in the lot in which they find themselves, can change their attitudes and direct their minds toward peaceful pursuits.

I know the contrary is true in Europe at present, for I have been in correspondence with people from various parts of Europe, and have received reports from Americans who have been sent over there by the Government or by charitable organizations.

#### Food, Clothing Needed

Last week I received a letter from an American pastor, who is supervising the distribution of food and clothing sent by relief organizations to Germany. He states, "Food and clothing are still fundamental needs for Europe, contrary to such silly statements made by a U. S. Senator who said: 'I did not see anyone starve.'"

"Well, I have and here are the up-to-date statistics from the United Nations survey: In the U. S. Zone, best fed of the four, out of 2,689,000 children, 2,223,000 suffer from malnutrition and exposure. . . . I saw poverty at Cologne where a little girl in the 4th grade wrote on the assigned theme, My Most Beautiful Day. 'My most beautiful day was February 17, 1947. On this day my brother, Guenther, died and I was given his coat, his shoes and his knitted underjacket.'

"And I say my best day in Europe was at Oldenburg, where I saw 60 little

girls like that eating omelets and hugging new shoes. They were at a Health Center for a 6 weeks' period of rehabilitation."

Wabaunsee county contributed about \$7,000 for the Kansas Goodwill Food Train. With this money the county CROP committee purchased 2 carloads of wheat, which was sent on the Goodwill Train. Every cent contributed was used to purchase wheat. The county committee, the 21 community chairmen, and the 175 canvassers, all worked without remuneration. The total expense was \$2 for telephone calls and \$15 for postage.

I am certain that the statement recently made by Senator Wiley, of Wisconsin, is true. He said, "It has been my experience during an European trip that billions of dollars sent by the American Nation as such were comparatively unappreciated, whereas the hundreds of thousands of gifts from churches and individuals, to specific projects and persons, were tremendously appreciated. I firmly believe that a church restored, a bag of flour sent, a pound of sugar given from church to church or person to person is amplified a thousand times."

. . . every cent contributed by the religious bodies in America for relief will be used for this purpose . . .

Knowing Kansas Farmer is interested in presenting the facts about CROP and the Kansas Goodwill Train I am submitting this letter, hoping you can include it in an early issue.—Alvin O. Engelmann, Pastor of Peace Evangelical & Reformed Church, Alma, Kan.

\* \* \*

Note: So interested in CROP is the Rev. Alvin O. Engelmann that he dropped in at the Kansas Farmer office to discuss it further. We explained to him that Mr. Brazelton was reporting what he heard, not expressing an opinion. Mr. Brazelton wrote:

"Volunteer workers . . . under auspices of CROP have been soliciting a carload of grain. . . . Solicitors report that response has been quite generous but the questions most often asked, they say, are: 'How can I be sure what I give will actually reach those who need it? What per cent of the amount I give will be used to help pay salaries . . . ? Do the Europeans actually need this food or would they be better off if we sent them machinery so they could raise their own food?'"

"With the great abundance of food we have in this country it is hard for some of us who have not seen conditions over there to realize that babies are actually dying of starvation. And that very young children roam the streets in packs like hungry wolves. . . ."

Both Kansas Farmer and Mr. Brazelton applaud the generosity of volunteer workers and supporters of CROP. They are doing tremendous good. Folks asking those questions just wanted to know their generosity was not being abused.—Raymond H. Gilkeson, Editor.

## Millions May Starve to Death

By LEONARD M. LOWE, Director  
Kansas CROP Committee, Topeka, Kan.

**C**ROP receives contributions of shippable commodities and funds to buy these commodities from the American public in more than 30 states. All contributions are turned over to Catholic Rural Life, Church World Service, Lutheran World Relief, or other church-related agencies designated by the donor. Distribution overseas is carried out by these agencies or their representatives on the basis of need, regardless of race, nationality, or creed.

There is no question about the tragic need still existing in war-devastated areas. Children, old people, displaced persons suffer the most. Monsignor Ligutti, director of Catholic Rural Life, reported having seen recently 11 families (including children), living in one room, 18 by 20 feet. Their food consisted of garbage from a German civilian prison. These people belong to the D. P.'s who are not eligible for any type of government relief. Without the help of American people thru CROP, millions of these good people will die of starvation.

Three years of giving relief thru church channels has built up an enormous fund of goodwill for America. Such critical days as we are now experiencing demand that we increase this fund of goodwill as quickly as possible.

Since July 1, 1948, Kansas CROP has received more than \$172,000 in cash, wheat and dried milk from the people of Kansas for distribution thru Christian agencies overseas. Contributions are expected to continue during 1948.

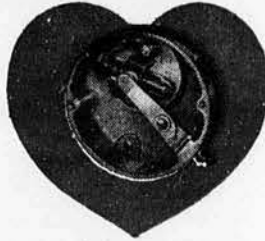
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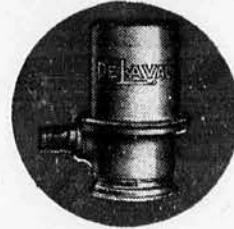
# Protection!

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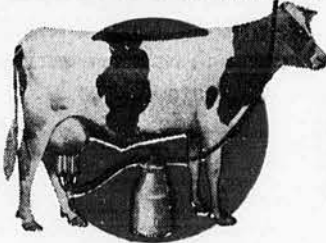
The "magnetic heart" of the De Laval Magnetic Speedway Milker controls pulsations for each operating unit. Pulsation speed cannot vary; all units milk alike at every milking.

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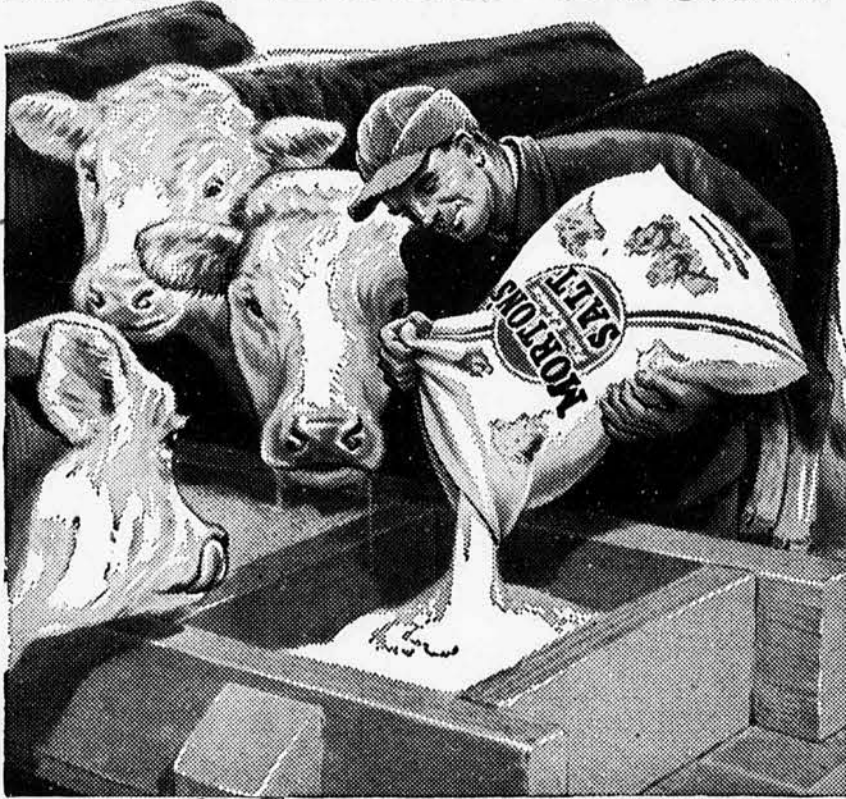
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Morton's Free Choice Salt is especially developed for livestock feeding. It's pure, easy to feed, easy to use for mixing, and formulated to remain NON-HARDENING under normal use and storage conditions. Be sure to ask your dealer for it by name — Morton's Free Choice Salt.

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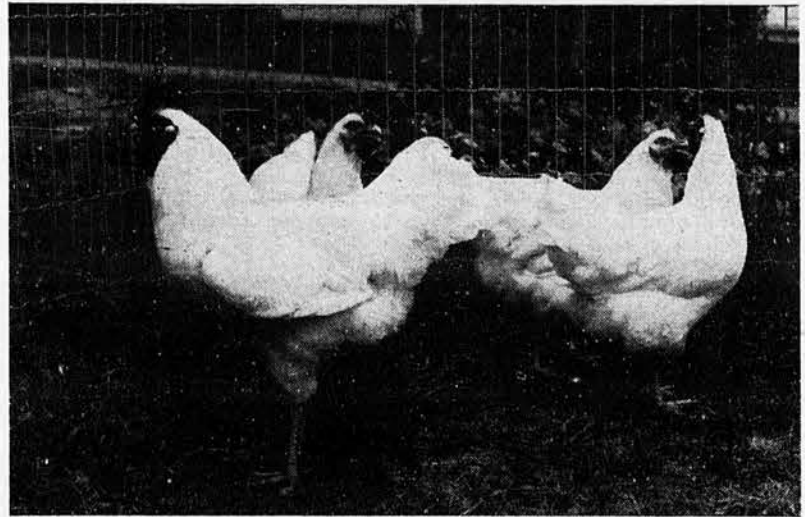
**Salt Saves Feed** because it supplies the sodium and chlorine needed by the digestive system — the sodium for making bile which digests fats and carbohydrates; chlorine for the hydrochloric acid which converts feed proteins into body tissue.

**Feed Salt Free Choice** for more profit. Some animals need more salt than others. The best way to feed it is free choice. Then each animal can take what it needs for maximum thrift, faster gains, lower feeding costs, and greater profits.

## Poultry Owners Are Lucky

Feed Down, Eggs and Meat Up, Profit Ahead

By LOYAL F. PAYNE, Kansas State College



A pen of early-feathering Kansas State College strain of White Plymouth Rocks.

**R**ISING feed prices last fall and winter, without corresponding increases in prices paid for eggs and poultry; slim prospects (then) for a wheat crop; shortages of labor and equipment; and the prosperity of farmers in general are some of the reasons so few chicks were started in Kansas last spring.

So the number of pullets on farms this fall has slipped to the lowest level since 1941.

The pullet population of the nation is 9 per cent under that of a year ago; the number of layers, hens and pullets is about 10 per cent under last year in our area.

In Kansas the number of hens and pullets on farms January 1, 1949, will be about 12,668,000. That is the smallest number since 1920, with the exception of 1938, when the figure dropped to 12,558,000.

That figure is in line with Government requests following World War II, when poultry producers were asked to limit production to domestic needs. Good crops and record prices received for grain, cattle, hogs, and sheep resulted in the reduction in poultry population faster and to a greater extent than was anticipated. This was not because poultry was not profitable, but because other farm enterprises required less detailed attention and were more profitable.

The marked improvement in egg production as a result of the National Poultry Improvement program in operation since 1935, better breeding, feeding, and management means that 2 hens now produce as many eggs as 3 hens laid before the early improvement work got under way. The average production in the U. S. has increased from 113 to 128 eggs a hen the last 5 years. With this high average it takes fewer hens to produce the volume of eggs required for domestic use and for the small export demand.

With reduced crop yields and lower prices for grain and livestock will come renewed interest in poultry keeping. In fact, the trend already has begun. Inquiries are coming in for pullets at prices unheard of in this section the last 20 years.

This lag in poultry interest the past year has worked a hardship on hatchery operators, poultry processors, and feed dealers. Volume of poultry in some sections of Kansas has been so low as to cause processing plants to close; others have shipped poultry great distances to keep going. We feel sure this condition will be partially corrected during the coming year.

Last spring many who normally ordered 300 chicks reduced the number to 100 and on numerous occasions, they did not buy any chicks after deciding to keep the old layers over for another year. Chicks hatched in February, March, or April will do much better than those hatched after May 1. It will be necessary to place orders early as there is a definite shortage of breeding stock, and it is not likely there will be enough chicks to go around. About 90 per cent of the chicks started in the Midwest now come from commercial hatcheries.

For this fall and winter, the poultry situation is most encouraging. With fewer layers there will be less crowding in the houses, around feed hoppers, and on the roosts. With 10 per cent more room, better results can be expected.

Kansas poultry-feed prices were 38 cents per 100 pounds lower in August of this year than in August last year. This is a decline of 9.6 per cent. For the same periods current-receipt eggs, sold for 4 cents a dozen or 12 per cent more, and poultry brought 27.5 cents a pound or 5.5 cents more than last year. This represents an increase of 25 per cent over the 22 cents paid for poultry in August in 1947.

To say it another way, one dozen eggs sold for enough in August to pay for 10.5 pounds of poultry feed this year compared with 8.4 pounds a year ago; one pound of poultry paid for 7.7 pounds of feed this year and 5.6 pounds in August last year. In short, either a dozen eggs or a pound of poultry bought 2 more pounds of feed in August this year than in August last year.

With an all-time record corn and sorghum crop in the offing, further declines are expected in feed prices while eggs and poultry meat, including turkeys, will continue to increase to record high-price levels.

It now looks as if 1948-'49 will be a repetition of 1921-'22, when the poultry industry really got its start. Feed prices were down, while poultry and egg prices were up. Producers who have full laying houses or large numbers of market chickens and turkeys to sell will be fortunate.

Good hens just finishing their first laying year can be forced for continued profitable egg production by using artificial lights to make a 13-hour day; also, by feeding equal parts of a well-balanced laying mash and scratch grain.

As egg production lags, moisten a portion of the mash with skim milk, buttermilk, or water to a crumbly stage and feed on top of the dry mash between 1 and 2 p. m. daily. Supply what the birds will clean up in 30 minutes.

Backward pullets can be forced into early production by feeding the mois-

(Continued on Page 29)



"I taught her a new trick. Whenever I give her my paw she gives me a piece of sugar."

tened mash. Use of lights also will increase production, but a slump is likely to follow next summer unless lights are again started about the middle of August.

This fall and winter will be a time to practice all of the known recommendations as they pertain to culling, feeding, housing, management, and marketing poultry products.

Last December, Kansas State College made a survey on 92 farms near one of the larger cities in the state. Some of the unpublished results are most revealing:

Separate growing ranges for young and old stock were not provided on 65 per cent of the farms.

Eighty-nine per cent did not use the modern "clean egg" or compartment nest.

Only 11 per cent gathered eggs in wire baskets.

Only 13 per cent sold eggs on a grade basis.

Not a single producer properly washed the dirty eggs, or made any attempt to supply moisture in the egg-storage room to check the developing air cell.

The survey did reveal: Chicks were started before May 1, on more than 80 per cent of the farms.

Oyster shell was fed by 93 per cent. More than three fourths were feeding grain and mash.

The point is that many of these producers were not following the best practices they knew, partly no doubt, because of a lack of interest in the poultry enterprise.

As we face the future certain signposts show the direction in which the poultry industry is headed. Perhaps the most glaring of these is the size of the farm flock. The tendency is for a decreasing number of small flocks and an increasing number of large flocks. The recommendation the last 10 years of 30 or 300 layers on the farm is beginning to bear fruit. The chicken business is following the turkey industry. The number of large commercial flocks for the production of market eggs and broilers is increasing.

Kansas farmers who are interested in making poultry one of 4 or 5 important enterprises on the farm may wish to investigate the feasibility of keeping in the neighborhood of 300 layers next year. This number justifies good stock, proper housing, adequate rations, and the best of management and marketing practices. Such a unit should return more per hour of labor required, over a long period, than any other major enterprise on the farm.

### So Cows Will Drink and Give More Milk

WALTER ISERN, veteran Rice county dairyman, has some definite ideas about watering dairy cows.

Two of the problems we brought out in our feature story in Kansas Farmer on this subject were temperature of the drinking water during winter and crowding at the tank. Mr. Isern believes these 2 problems are related.

"If the temperature of the water is such that it encourages drinking," he reports, "a cow will drink its fill quickly and then move on. If the water is too cold it doesn't make any difference how large the tank is, 2 or 3 boss cows will keep the others away. I have seen a cow stand at a tank of cold water for nearly 30 minutes while trying to make up her mind about drinking. In the meantime, she would keep all the others away."

Here is Mr. Isern's answer to the problem. He insulates his water tank with 10 inches of horse manure kept in place with hog wire. One half the top of the tank is covered solid with 2 layers of one-inch boards with building paper in between for insulation. The other half has 2 lids so that not more than 2 cows can drink at a time. The water in the tank then is kept heated at about 55 degrees.

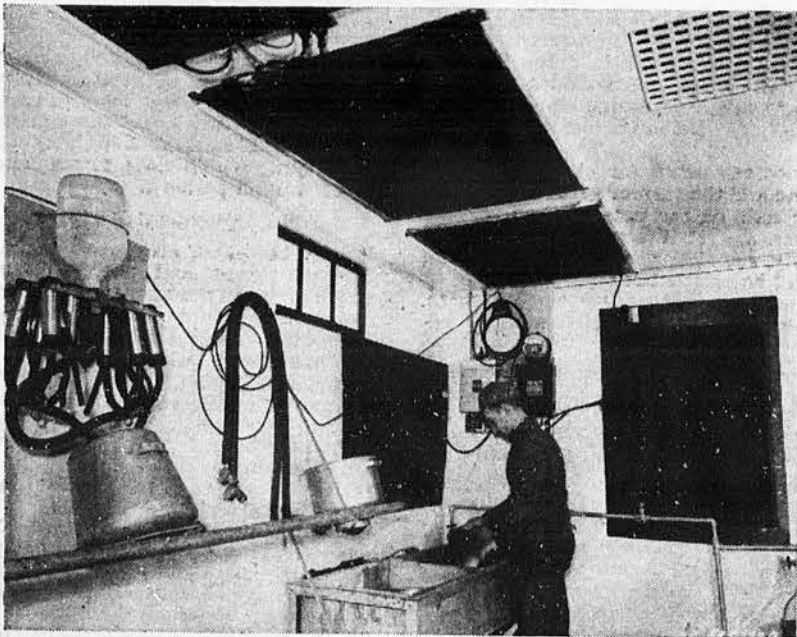
"The important thing," says Mr. Isern, "is to keep the temperature of the water from varying too much. If it is always the same, and warm enough to be pleasing to the cows, they will drink quickly and move on." Of course, Mr. Isern has his tank in a protected

spot in the lot. Cold drinking water encourages fighting at the tank, this veteran believes.

"If a farmer will do a little experimenting with temperature of drinking water for his dairy cattle and observe the reactions of the cattle, he will find the following to be true," says Mr. Isern. "If the water is warm enough to encourage maximum drinking, the cattle will drink quickly and go right back to eating roughage. If the water is too cold, they will stand around the tank and fight, take a long time to drink, then stand around all humped up with cold instead of going back to eat. Warmer water encourages greater consumption of roughage which, in turn, encourages more drinking. This combination produces the ideal. Drinking more water will keep the cows in better health, too, this dairyman believes."

George Sidwell, Rice county agent, puts it this way: "A dairy cow has to drink enough water to do 3 things—digest its food, eliminate poisons that may accumulate in the body yet maintain body weight and temperature, and produce milk. The dairyman daily drains out a large part of the water intake by milking the cow. If a cow is capable of producing 60 pounds of milk a day but drinks enough to produce only 40 pounds of milk above her other requirements, 40 pounds of milk is all the owner gets. This means the dairyman is losing 20 pounds of milk a day from that cow regardless of his feeding program."

### Heat From the Walls



The milk room shown here is heated by Pliotherm panels, a new development by the Chemical Products Division of the Goodyear Tire & Rubber Company. These panels are made of a new type of rubber which builds up an insulated heat energy upon application of electrical power. They can be made in colors and used for decoration as well as for supplementary heat in homes.

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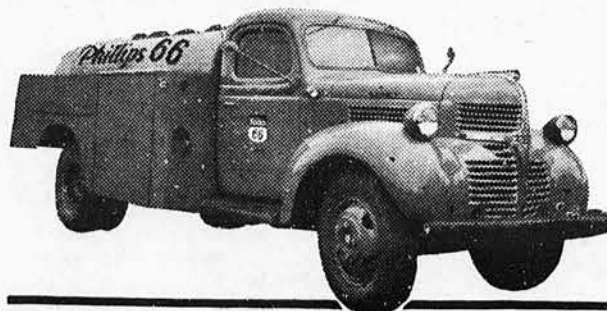
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**ART KING WINS AWARD**

**Corriedale Fleece Gets Top Honors**

CHEYENNE, WYO.—Judges at the 1947 International Stock Show picked for highest honors a Corriedale fleece exhibited by breeder Art King, of this city.

Earlier in the same year he sold a Corriedale ram for the highest price paid at a California show . . . over all breeds.



Three generations breed champions. "In 1916," says Mr. King, "my father introduced the Corriedale breed into this country. And now my son Jerry is raising it too . . . is sometimes my main competitor."

Wheaties a King tradition, too. "At the training table of the University of Wyoming was where I ate my first 'Breakfast of Champions,'" says Art. "I was on the boxing and football teams. Wheaties still my favorite cereal."

Mr. King now eats his Wheaties three times a week. Prefers these nourishing whole wheat flakes with bananas, milk. Good idea to get your Wheaties in the Extra-Big-Pak, holding 50% more than the regular-size. Popular wherever there are full size, outdoor families.

Many THREE-generation Wheaties families. More and more report all members, toddlers to grandparents, eating like champions. Has your family had their Wheaties today?

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"OK! OK! You guys eat Wheaties . . . I'm convinced."

**Farm Price Supports Are Being Attacked!**

Use These Facts to Refute Unfair Statements

By T. RUSSELL REITZ, Executive Officer, F. & M. A.

**Y**OUR farm price-support program is being criticized. Some people have the mistaken notion your farm price supports are responsible for the present high prices of food.

If this charge is true, it means the present price support of \$2 average per bushel for wheat placed under loan is responsible for increases in the price of bread.

If the charge is true, then the farm program may be the cause of inflation and, of course, the person in town wants to buy groceries at low prices.

Farmers need to be in position to defend themselves from any unfair statements.

Criticism of the price-support program is not justified. To prove that the farm price-support program is a good program for both producers and consumers, let's look at some of the facts.

The price-support program came into being in the early thirties. First it applied to basic crops like wheat and corn. It grew out of the farm marketing and surplus situation. Farmers were getting low prices, and at harvest time new crops forced the market down to unreasonable levels.

The "parity" idea was developed. It was based on fairness to consumers and farmers. In the depression farmers asked only for fair play. "Parity" was designed to give farmers a purchasing power for things they sell in fair relation to things they buy. To prevent the surplus harvests from depressing prices to disastrous low levels, support prices were established.

Before World War II the support prices were set at from 52 to 75-per cent of parity. During the war, to encourage greater food production, the supports were set at 90 per cent of parity by Congress. The goal has always been 100 per cent of parity.

The support price gave farmers an assurance of future markets during and after the war. As a result food production increased until in 1946 and 1947 it was 36 per cent above the 5-year average for 1935-39. In 1948 it will be more than 30 per cent above 1935-39.

Support prices have been responsible in part for this increased supply of food. The prices we now have for food are not as high as they would have been if production had been curtailed. The supports give assurance and confidence to farmers, and mean more food for consumers.

Since 1913, farmers have received less than half the retail value of food most years. And in the years when the farmer received more than half the price, support programs were only partially active.

For many years the U. S. Department of Agriculture has been reporting figures which express the cost of "a family market basket of food." This family market basket includes more than 50 food products purchased in a year by a family of 3 average consumers. The table on this page gives the cost of the market basket of food for various years, and the proportion of the food dollar that went to the farmers. The farmer's share never has been too high.

These facts stand out:

1. The cost of the market basket has increased from \$264 in 1913 to \$693 in May, 1948.
2. Marketing charges have made up over 50 per cent of the cost most of the

time. Farmers did not get "too much," nor do they get too much now!

Since 1935-39 the cost of the market basket has not quite doubled. But monthly earnings of employed factory workers had increased 2.32 times in April, 1948, over their earnings in 1935-39. The income of industrial workers was 3.5 times as high in March, 1948, as in 1935-39.

We should remember, also, that the national income is much higher than in previous years. Altho food costs are higher, the ability of people to pay is improved.

Of this cost for food, how much of the present price is due to price-support programs?

On August 15, most important farm commodities either were not supported, or the level of support was below the market price.

Only wheat and potatoes are now selling below the support price. The supports have encouraged high production, which tends to reduce prices. Meat is high in price. The abundant grain crops will make it possible to feed more livestock and thereby increase the supply of meat. This will mean lower meat prices.

In the case of wheat, the market price last February was about \$3.10 a bushel at Kansas City for No. 2 hard



"Believe me, dear, I was as nasty with the other driver as you would have been."

supply causes a great price reduction. Perhaps potatoes would have sold for \$2 at the farm instead of \$2.65. If this happened the farmer would have received about 44 per cent of the retail dollar, and about 68 per cent of parity.

Farmers cannot afford to produce potatoes at such a heavy discount under a parity price. If they are forced to do so they will have less money to spend for goods and services produced by people in town. Eventually this will cause laborers in town to lose their jobs because of a lack in the farm market.

It's far better to pay fair prices for food and have a good farm purchasing power, than to have low prices for food and low farm-purchasing power.

Much is said about great losses to the Government in price support. This does not appear to be a fact. The Government has made money on some supports and lost on others. For all supports, the Government is ahead. Under the loan program on wheat and corn, the Government lent millions to Kansas farmers thru locally elected farmer committees. The money was repaid in 99.998 per cent of the cases.

The Government's losses with potatoes have been more than offset by gains with other products.

There is some argument in favor of reducing potato goals next year. One reason this can be done is that a higher percentage of our potato acreage is on irrigated land where yields are higher and more stable.

Wheat farmers face the need for reducing this year's seeded acreage so burdensome supplies will not pile up.

It costs a lot of money to operate a farm. It isn't possible in these days to do much farming unless power equipment is available. These engines must be fed with oils and oils must be bought with dollars. Higher production costs have occurred on farms and altho cash receipts from farm marketings for the first 7 months of 1948 were higher than last year, production costs are also higher and the farmers' net income probably will be below 1947. The farmer must have dollars to pay his expenses, and he must receive fair prices for his products.

Support prices seek to give this fairness:

They stabilize prices in periods of over-abundant supplies.

They have had only limited or no effect on present food prices. Strong consumer demand is the principal cause of present prices. This demand comes about because of a high level of employment, which now totals more than 61 million persons.

**Full Employment Better**

We are better off all around to have full employment and parity prices, than we are with part employment and cheap farm products. No segment of our population can prosper very long if the farm group is in distress.

Consumers of agricultural products are urged to consider carefully the effect of a "bust" in farm prices before they blame Government price supports for high consumer prices.

Do they want the floor to drop out from under farm buying power?

Do they realize the support program guarantees only 90 per cent of parity to the farmer for his products, and then only if he meets certain conditions as to eligibility of grain and storage?

Purchasing power of farmers for nonagricultural consumer goods will be greatly impaired if they are forced to accept a wildly fluctuating market or less than 90 per cent of parity for the things they have to sell.

**Prevent Farm Fires**

Helpful suggestions for fire prevention are found in the booklet, "Fire Safety on the Farm," published by the National Board of Fire Underwriters. If you are planning to build or remodel, there are suggestions in the bulletin to help you construct for fire safety, also information on how existing buildings may be brought up to a reasonable level of fire safety. The booklet also lists causes of farm fires, suggests home fire protection and first-aid treatment for scalds and burns.

For a free copy of the booklet, please address Farm Service Editor, Kansas Farmer, Topeka.

winter wheat. The big wheat crop has resulted in a price reduction to about \$2.20 at Kansas City at present.

To the extent that support prices encouraged production, the supports have helped all consumers.

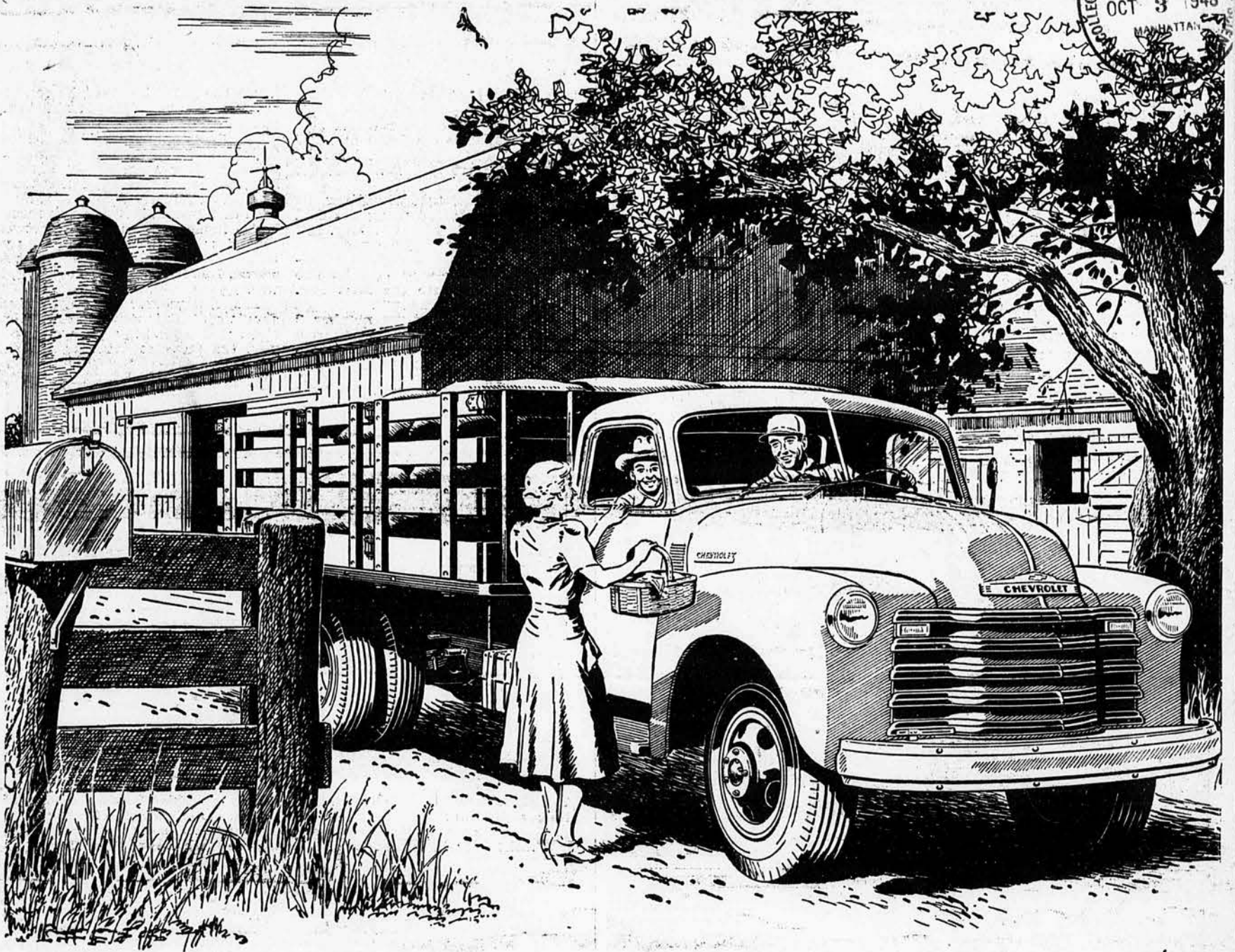
Right now there are many who point to potatoes as a shining example of how support prices cause higher living expenses. It is true the Government has paid out quite a bit of money supporting potato prices. In the market basket of foods purchased by an average family of 3 people in a year, potatoes make up 281 pounds. In Kansas this year they were supported at \$2.65 per hundred pounds and the Government bought 24 carloads. The remainder of the crop, totaling about 525 carloads, was sold in regular trade channels.

Potatoes retail for about 5 cents a pound and the farmer gets only slightly over half of the retail dollar for potatoes. And that is only 90 per cent of parity, not 100 per cent to which he would be entitled fairly.

Now suppose there were no supports. Experience teaches that a small over-

Year	Retail Cost of Market Basket	Farm Value	Marketing Charges	Farmers' Share (Per Cent)	Marketing Charges (Per Cent)
1913	\$264	\$124	\$140	47	53
1920	568	245	323	43	57
1925	442	191	251	43	57
1930	421	165	251	39	61
1935-39	340	137	201	41	59
1940	317	128	189	40	60
1941	347	154	193	44	56
1942	407	196	211	48	52
1948 (Jan.)	695	381	314	55	45
1948 (Feb.)	673	347	325	52	48
1948 (Apr.)	683	350	333	51	49
1948 (May)	693	346	346	50	50

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CHEVROLET MOTOR DIVISION  
General Motors Corporation, DETROIT 2, MICHIGAN

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venience and greater clear floor area in models with 3-speed transmissions.

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- REG-U-LUBE SYSTEM
- SOLID DIE-CAST ROTOR
- WEATHERPROOF



## Puts Seed Down Deep Without Deep Cover

WHEN planting Norcan for ensilage, Don Christy, Scott City, often switches disks on his drill so he can get the seed down to moisture without covering too deeply. On his 14-hoe drill he seeds 6 rows of sorghum, using disks number 1 and 2, 7 and 8, 13 and 14. Springs are loosened on other disks so they float over the ground.

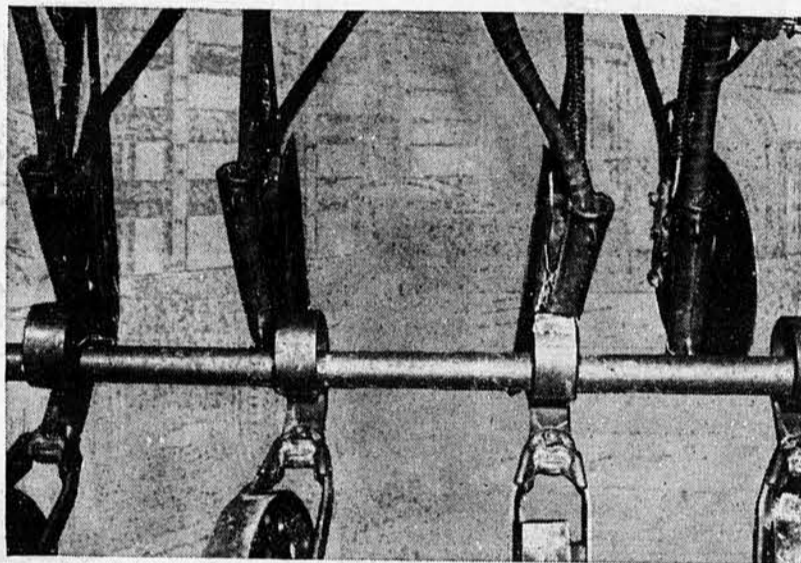
With ideal moisture conditions, he can get a good stand using the drill just as it came from the factory. But when he must put seed down deep to get to ground moist enough to germinate the seed, adjoining disks tend to throw loose soil into the next row. Often this is too much cover.

By interchanging disks number 2 and 13, he can get 6 rows planted with none of the disks throwing soil into another planted row. Then, instead of

the usual 12-inch spacing, there is only 9 3/4 inches of space between the outside rows. With sufficient space between the pairs, however, he can produce just as much forage as in evenly-planted rows.

Mr. Christy has considered changing the remaining disks at times for wheat seeding when moisture is deep. In place of even spacing of wheat rows, he then would have 7 pairs of rows for each drill swath. Rows in pairs would be 9 3/4 inches apart and space between the pairs would be 14 1/4 inches. As yet he has not tried this arrangement for wheat. But if conditions are right, he will.

The change-over is comparatively simple after it is made the first time. Bolts are used in place of rivets to connect the movable disks to the drill drawbar.



This photo shows one side of Don Christy's drill in position for deep seeding of Norcan. Disks at left are in normal position and are permitted to float over the ground. Disks at right throw soil in opposite directions. He can put them down to moist soil without danger of throwing too much cover into the row.

## A Long Pasture Season

Also Increases Wheat Yields

ALTHO they don't have an acre of native pasture, H. A. Wessling and Sons, Saline county, are successfully operating a large herd of purebred Holsteins. They have 60 head in the herd, with 30 head milking.

The Wesslings are handling their herd so successfully because they have adopted a sound balanced-farming program for their rich bottom-land farm.

Dairying is the major livestock program and wheat is the major crop but, in between the 2 and supporting both, is a strong rotation program that gives them a 9- or 10-month pasturing program and increases wheat yields.

Wheat pasture is used for the dairy herd when available but the Wesslings don't lean on it too strong. They also

have 7 acres of brome-alfalfa, 9 acres of straight brome, 12 acres of second-year Madrid sweet clover, 10 acres of first-year Madrid, 10 acres of Sudan and 5 acres of Balbo rye.

Normally, they pasture the Balbo rye, wheat pasture, or both, all winter but this last year did not get onto the rye until about April 1, due to wet weather. The herd was switched to brome-alfalfa about April 15 and stayed on it until May 15, when it was turned onto the second-year Madrid. The brome-alfalfa combination, which never was pastured too close, was cut later for a hay crop.

About the first of July, the herd was turned onto the first-year Madrid. The Sudan, which was ready about the same

(Continued on Page 33)

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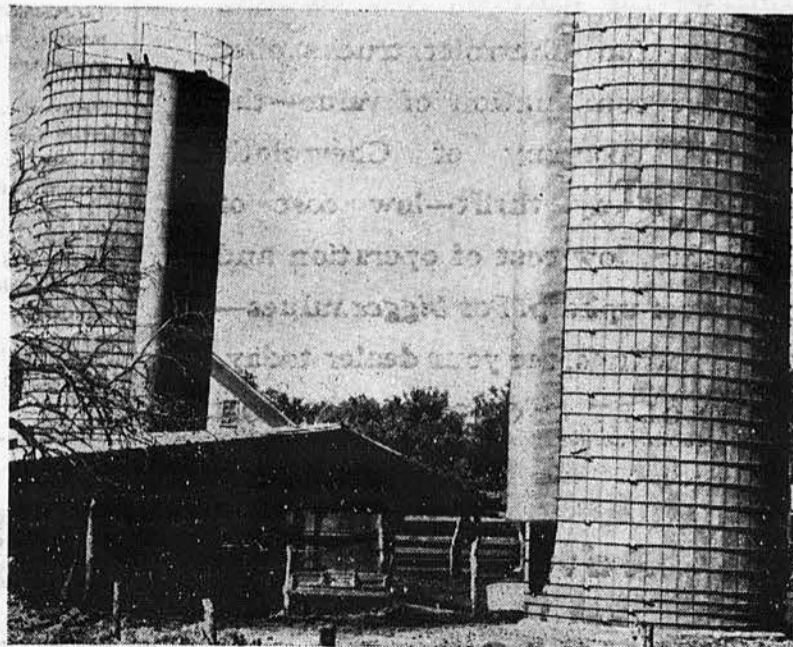
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Two silos with a feeding shed between make an excellent feeding center for the dairy herd of H. A. Wessling and Sons, Saline county. The silo on the right was erected especially for grass silage.

The Colorado Fuel and Iron Corporation

General Offices: Denver, Colorado

Pacific Coast Sales: The California Wire Cloth Corporation, Oakland, Calif.



time, adjoins the clover so the cattle had free choice.

"Our Madrid sweet clover is excellent drouth insurance," states Mr. Wessling. "It will go thru very dry weather on this good bottom land and is not bothered by chinch bugs. By raising most of our protein feeds we can greatly reduce the cost of feeding our herd."

Still another method of extending the pasture season was started this year by the Wesslings. They built a new upright silo, especially constructed and with a drain so they could add grass silage to their feed reserves. They already had one upright silo for Atlas sorgo silage.

These 2 silos are placed so there is room for a feeding shed in between. This arrangement is so satisfactory

that Mr. Wessling says "that feeding shed is the best thing we have on the farm."

Sweet clover has done more than furnish the Wesslings with a lot of pasture. It is doing wonders for the wheat yields. This year, the Wesslings had a very good chance to see just what the results really are.

They have one field that was divided equally into 3 parts. One third was seeded on continuously cropped soil, one third was seeded following summer fallow and one third following sweet clover. This summer when the wheat was harvested, the summer-fallow wheat made 10 bushels an acre more than the continuous cropped, and the sweet clover added another 10 bushels above summer-fallow results.



Excellent pasture in mid-July is enjoyed by the purebred Holsteins on the H. A. Wessling and Sons farm, Saline county. This picture shows some of the cows on second-year Madrid sweet clover.

## New Type Home

*Designed to Use Winter Sun for Heat*

**S**OMETHING really different in the way of a Kansas farm home can be seen several miles east of Great Bend. It is the new, modern home of Mr. and Mrs. Charles Duncan. A solar-type home, it is designed to admit the winter sun into the long living room as an auxiliary supply of heat. In summer the large living-room windows are shaded by an eave specially designed for that purpose.

The front view of the home gives the impression that it is a ranch-type house. There is a native-stone facing along the living room and kitchen walls in front, with a native-stone fireplace set in the living-room section. And as one approaches the home from the front, a large cannonball can be seen imbedded in the stone wall alongside the door. It is a keepsake of Civil War days. The cannonball was brought back from the war by Mrs. Duncan's grandfather.

The front door of the house is on the north side. To the left of the living-room area are the 2 bedrooms walled in with lumber siding. The bedrooms are square with the compass. The remainder of the home is attached at an angle to get the proper use of the winter sun and to affect proper shade during the summer.

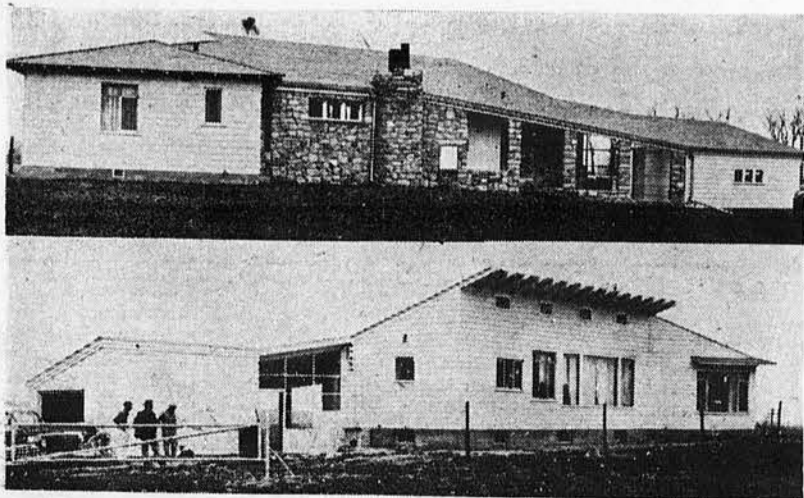
The garage, also built of lumber, is attached at right by means of a breezeway. It is connected to both kitchen and

living-room doors by the open breezeway, which eventually may be screened or glassed in. Possibly screens for summer and glass for winter.

Mrs. Duncan formerly lived in Ellinwood. But she and Mr. Duncan had lived in California for several years before settling in Kansas. Planning of their new home may have been influenced somewhat by their experiences in California.

Altho not completed, the Duncans were able to move into their home shortly before last Christmas. When the sun was out in winter, they found they had much free heat. As a matter of fact, little fuel was consumed on a normal winter day. But when outside temperature dropped to 20 below zero it was a different matter. Like any other home, heat other than that supplied by the sun, was necessary.

Appearance of the back of the home, the south side, may be a little unusual when compared with the run-of-the-mill houses. But, looking with an open mind, it is attractive from that side, too. At any rate, the purpose, using rays from the sun for heat in winter, presents many possibilities. And there is no reason why more new farm homes could not be constructed with that intention. It is another way of utilizing a natural resource. May become very popular in the future.



At top is the front view of the new Charles Duncan home, near Great Bend. From this side it looks much like a ranch-type house. Bedrooms at left are square with the compass. Living room, dinette and kitchen are behind the stone portion and set at an angle. Garage at right is connected by the breezeway. Rear view of the home is in the lower photo. Roof extension over the main section of the home permits sunrays to enter in winter. Keeps them out in summer. A short eave for the same purpose can be seen over the bedroom windows at right. The Duncans had not received their permanent drapes for living-room windows when this photo was taken.

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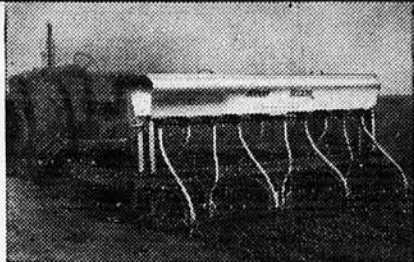
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*Mfrs. of Grain Drill Attachments, Fertilizer Spreaders  
and "Farmhaul"—the two wheel Farm Wagon.*

## Out After Farmer Vote

(Continued from Page 7)

labor, feed, fertilizer, farm buildings, and machinery; the costs of supplies and services; and outlays for taxes and farm-mortgage interest, are all higher than last year.

### Meat, Milk, Poultry Higher

"When these cost items are taken into account, it seems probable that net income so far this year has been lower than last year for most farmers. All the major livestock groups showed increases in cash receipts the first 8 months, with higher prices more than offsetting smaller volumes of sales. Dairy products (cash receipts) are up 14 per cent from last year, meat animals 9 per cent, poultry and eggs 7 per cent. Cash receipts from crops have been more variable. Receipts from tobacco, feed crops, and fruits are down substantially in the first 8 months of 1948; cotton and oil-bearing crops are considerably higher; food grains are up slightly. Except in the case of fruits, crop prices so far this year have generally averaged higher than last."

### How Production Looks

Preliminary estimates (BAE) indicate total volume of agricultural production (livestock and crops) in 1948 will be only a little below 1947.

But total crop production this year will be largest in the country's history—7 per cent over 1946 and 1947. Total livestock production is expected to be the smallest since 1942—and down 7 per cent from 1947.

With total national income up some 20 billion dollars or so (10 per cent) and livestock production down 7 per cent, it is not hard to figure the probable prices for livestock products.

### Prices Will Be Strong

According to those who have kept in touch with the Department of Agriculture's round-up "1949 Farm Outlook" report, there is no depression in it. Expectation is that general prices will hold fairly strong thru first half of 1949; capital expenditures, military spending at home and abroad; European Recovery program, will keep the boom going. Capital expenditures and European Recovery spendings may slacken off second half of the year. However, all signs now visible point to increased military spendings, both at home and abroad.

### More Money for Europe

Public opinion sources are being fed information that may not burst into full light of nation-wide publicity until after election. Information being that next Congress will have to make fairly heavy appropriations to re-arm Western Europe. (Probably it won't be called Lend-Lease this time.)

This military aid to Europe (and then to Asia also, in the light of developments coming to a head in the Far East), will have to be given to make the Marshall Plan (ERP) work. The Marshall Plan had to be put into effect to make the British and Greek-Turk loans work; the loans had to be made to make Bretton Woods (International Monetary Fund and International Bank) work; Bretton Woods was necessary to make the United Nations Function; the United Nations had to be organized so we could win the peace as well as the war.

The military preparations program, with its added inflationary effect on military costs, very likely will require heavier federal taxes to be levied before the 2-year life of the next Congress ends. Also, state and local taxes, the country over, probably are in for some more boosting.

BAE also reported the other day that American Agriculture, estimated as of January 1, 1948, has become big business indeed, assets totaling 122.3 billion dollars that is, \$122,300,000,000.

Here is the balance sheet for the American farmer:

Assets: Real estate, \$62,800,000,000; other physical assets, \$37,200,000,000; financial assets, \$22,300,000,000; total, \$122,300,000,000.

Liabilities: Real estate mortgages, \$4,900,000,000; other debt, \$4,200,000,000; total, \$9,100,000,000.

Present worth, \$122.3 billion less \$9.1 billion or \$113,200,000,000.

The BAE balance sheet for 1940 showed the equities of farmers and landlords at \$43,800,000,000. In other words, farmers' and landlords' equities for 1948 are \$69,400,000,000 more than in 1940. However, allowing for inflated values of land, buildings and machinery, the increase is \$20,000,000,000 in 1940 dollars, where it is \$69,400,000,000 in 1948 dollars.

The "balance sheets" show real estate values increased from 31 billion dollars in 1940 to 62.8 billion dollars in 1948; other physical assets (farm machinery, autos, crops) from 17.2 billion dollars to 37.2 billion dollars; financial assets, from 5 billion dollars to 22.3 billion; non-real-estate debt increased 800 million dollars; real estate mortgages decreased 1.7 billion dollars. Assets increased 12 billion dollars over the 1947 figure.

### Foot-and-Mouth News

Department of Agriculture announces that 24,000 square miles have been added to territory free from foot-and-mouth disease in Mexico. The quarantine lines have been pushed inward from both north and south to free this area from restrictions. Quarantined area has been reduced about 10 per cent since the lines in Mexico first were established.

Changing the lines in Mexico does not make any change at the international border. Rigid quarantine against any imports of cattle from Mexico into the United States still is on. Packing plants have been built in Northern Mexico to take care of "free" cattle in that area, and the meat is being shipped overseas, much of it under the Marshall Program.

### Support for Flax

Flax-seed support operations will be continued thru Commodity Credit Corporation operations, at \$6 a bushel for No. 1 at Minneapolis, on the 1948 crop, it has been announced by Ralph S. Trigg, president of CCC. The CCC is buying at the support price, has purchased about 14 million bushels. He urges producers to take advantage of the loan and purchase agreement programs, where storage is available on the farm.

### Loans on Soybeans

Department also announces that Commodity Credit Corporation will make non-recourse loans to farmers on both farm-stored and warehouse-stored 1948 crop soybeans, available from time of harvest thru December 31, 1948. Loans mature April 30, 1949, or earlier on demand. Loan contract includes purchase agreement by which producers may sell to CCC at support prices within 30 days after maturity of the loan. Support price is \$2.18 for green and yellow soybeans, U. S. No. 2, not more than 14 per cent moisture. Black, brown, and mixed, \$1.98. No lending agency agreements with processors on 1948 crop.

## Are Flies Getting Tough?

ARE flies becoming immune to DDT? Dr. Ben Shambaugh, Burlington veterinarian, is one man who thinks they are. He reports that farmers around Burlington who started cattle spraying several years ago with a 0.2 of one per cent DDT solution with good results, now are using 0.5 per cent with less results.

Most farmers now are using mixed sprays, he says. And reports that good results are being obtained with mixtures of DDT and BHC, and with mixtures of DDT and Colorado 44, a Chlor-dane preparation. "The spraying program has succeeded in cutting down the incidence of anaplasmosis in cat-

tle," according to Doctor Shambaugh.

Good results on controlling horseflies in the Burlington area have been obtained by using Colorado 44, a commercial product, according to Doctor Shambaugh. Farmers, he says, are using one pint of Colorado 44 to 25 gallons of water, or a one to 200 solution. Kills are made within 24 to 36 hours, and the effects last 10 days to 2 weeks. Colorado 44 kills on contact, by the flies eating it, or by vapor inhaled. Doctor Shambaugh recommends spraying it under high pressure to get the solution down to the skin. He uses 500 pounds pressure. We would like reports from other farmers on this.



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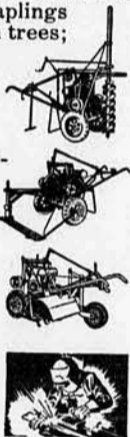
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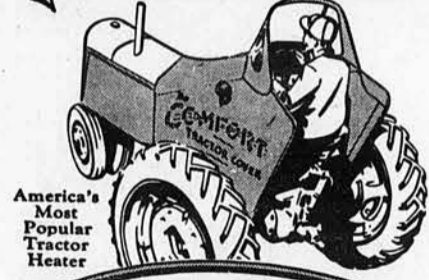
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COMFORT EQUIPMENT DIVISION

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**Marketing Viewpoint**

By C. P. Wilson, Livestock; John H. McCoy, Feed Grains; Joe W. Koudele, Poultry and Eggs.

Could I buy thin cows for 18 cents, feed cake on grass that has not been grazed this year, sell in November and expect to make a profit? How about carrying them thru the winter?—H. A.

If you pay 18 cents for thin cows now you probably should not expect to receive more than 18 cents for them in November. So profits would need to come from using cheap feed rather than from a price advance. In this way you would be selling grass that otherwise would have no value.

The usual seasonal trend is for cow prices to advance from fall to spring. There is less likelihood than usual of such an advance this year. Cattle prices are already unusually high. With large feed crops, market supplies of cattle probably will be large next year which would tend to prevent further price advances. Again it is a question of whether you can make a profit from cheap gains rather than from a price advance.

I have wheat stored on my farm. Should I take out a Government loan on it now?—J. S.

Unless you are in need of immediate funds there is no particular hurry in taking out a loan. You may take out the loan any time up until December 31, 1948. If the loan is contemplated for price protection, it would be well to consider a Government purchase agreement instead of a loan. On a purchase agreement, if prices advance and you decide to sell the wheat on the market, you avoid payment of interest which is involved with a loan.

By how much do eggs usually increase in price seasonally during the fall and winter months?—A. M.

Statistics covering a number of years show the usual seasonal price increase between August and November for eggs is about 25 per cent above the August price. Thus for Kansas, the average price received by farmers in August, 1948, was 37.3 cents a dozen. If the usual pattern of price increase occurs, then the average price received in November by Kansas farmers should be 46.6 cents a dozen.

**A Chinchilla Ranch**

What is believed to be Western Kansas' first chinchilla ranch is being operated at Coldwater, by William H. Avery Jr., a World War II veteran, who brought his initial stock—three pairs—back from Denver last February.

Mr. Avery, who points out that the animals reproduce slowly and constitute a long-term rather than a quick-turnover investment, keeps his valuable fur-bearers in individual wire pens in a 16-foot-square building on his Comanche county ranch.

The chinchillas, strict vegetarians, feed on cabbage, alfalfa hay, raisins and cracked corn. They are exceptionally clean animals, Avery says, and they weather summer conditions quite well when the temperature in their pens is kept below 90 degrees by a water-cooler system.

The animals, which wear a sought-after coat, dense and blue-slate in color, weigh about a pound apiece and are natives to the Andes mountains of South America.—Roy E. Carter.

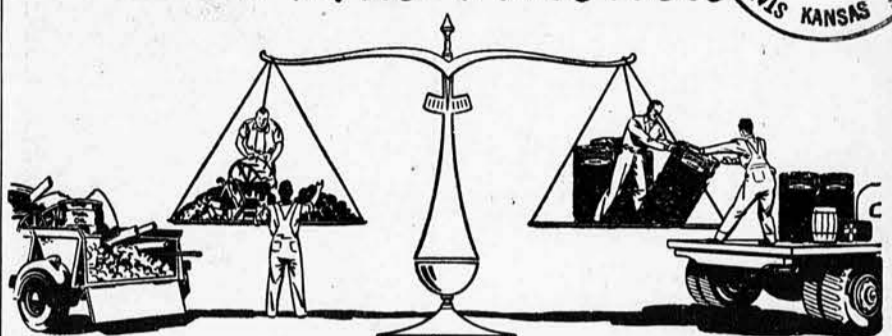
**Good Grass Silage**

"It's the easiest and best way I know to get high-quality feed," says B. F. Price, of Osage county. Mr. Price was talking about grass silage. Here is how he handles alfalfa, brome grass and prairie hay as grass silage:

Cuts and windrows in one operation. Picks up the windrow almost immediately with a field chopper. Little or no wilting is the rule. Chopped hay is taken to 2 upright silos by truck or trailer. At the blower, from 300 to 400 pounds of cob meal is mixed in with each ton of hay as it is blown into the silo.

"The cob meal helps neutralize the acid in the silage," says Mr. Price, "and I have been getting a very good cure. The cattle certainly like it and it makes excellent feed."

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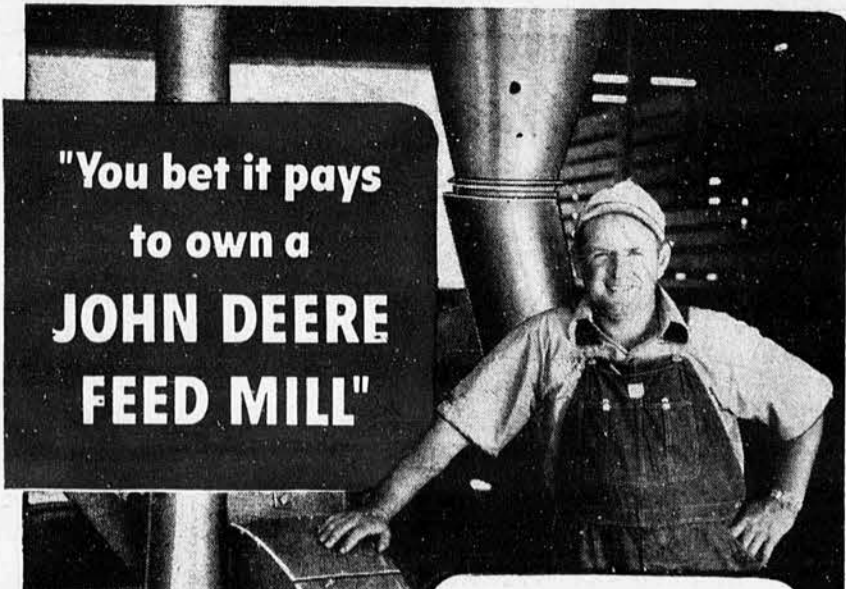
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NOTE: An early issue of "The Furrow" will carry a complete story on Mr. Moore's experience with a money-making John Deere Mill. Be sure to read it.

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**My youngsters sure make pigs of themselves on ground feed slops. And they grow like weeds, too.**



**Yep, I've noticed my hens are on the nest more than usual, and that means bigger egg production. They say it's because of the better home-grown feed we're getting. And it keeps me fit, too.**



**My teeth aren't so good as they used to be, but with that ground feed I'm getting along fine.**



**About Rural Schools**

(Continued from Page 5)

Mrs. Satterthwaite, Mauricia, 14, and Paul, 10. Mauricia, a graduate of District 3, is a sophomore this year at Mulvane high school. Paul, in the 6th grade this fall, has never had another child in his class during his 5 completed years. School problems are near and dear to the heart of Mrs. Satterthwaite.

"Our entire district wants to hold onto its school," she said. "We believe there is a definite advantage in educating children close to the farm and to home influence. We don't think taking children to distant schools by bus is good for them. Altho our enrollment has been as low as 3 it will be 9 this fall, and we have 16 children under school age in the district. We want to hold the school open for their sakes. We can't get young teachers any more, but the woman we have hired for this year finished out a term here once before and was satisfactory."

Mrs. Satterthwaite feels that personality and character of the teacher are as important as her certificate. A lot of farm folks agree with her.

How do graduates of District 3 get along in high school? I inquired. Mrs. Satterthwaite was very frank in her reply. "Why, most of them do very well. Many of our pupils are honor students in the town high schools. There are some, of course, who are 'A' students in District 3, then fall down badly in high school. Some folks might say this is due to poor training in our rural school. I think it is generally due to poor choice of companions in town or a let-down in parental interest when the child gets to high school."

Mrs. Satterthwaite is a former teacher.

**On the Honor Roll**

Turning to her daughter, Mrs. Satterthwaite continued: "Mauricia here is doing all right in high school. She was on the honor roll most of the time her first year. We don't have any music training in District 3 and Mauricia had only a few piano lessons before entering high school. But she made the high-school band, the a capella choir and the girls glee club her first year."

Mrs. Satterthwaite probably expresses the thinking of most of the mothers in her community. But, I was eager to talk directly to the children. I got my chance to do this when I took them down to the schoolhouse to get a picture of Paul in school surroundings.

On the way Mauricia told me that some years she was the only one in her class in grade school. The biggest class she was in had 3 pupils. That was her last year at District 3. I asked whether she was able to compare her early schooling with that of the town students.

"I don't have a bit of trouble keeping up with the town students," Mauricia assured me first. "If anything, school is easier for me. Some of the town pupils have never learned to work at their studies. With so many in class they find they can 'get by' without always having their lessons prepared. When I went to District 3 my teacher always knew when I had my lessons. Another thing I noticed is that town pupils are not interested in current events. In District 3 we talked a lot about things that were happening all over. We knew what was going on in the world."

Remember, I mentioned that Paul had been the only one in his class thru 5 years of school. "I think it would be more fun if I had some competition," he told me, "but I like school. We have a lot of fun, too, playing Black Man, Fox and Geese, baseball, and other games." Paul's picture is on the cover of this issue of Kansas Farmer. In that picture he looks like the smart young farm boy he is.

**Example No. 2**

Now, for an entirely different situation, let's turn to EXAMPLE NO. 2. This is the newly-organized Sunnyside rural district, also in Cowley county. Sunnyside is the result of a forced consolidation under the 1945 School Reorganization Law. It is made up of 3 1/2 former districts. Nine former districts were divided into 3 new ones in this deal, with 4 going to Akron to the west of Sunnyside, and 2 1/2 going south toward Winfield.

Total valuation of Sunnyside is \$1,076,362. A new school was completed during December, last year, and about 50 students moved into it at the beginning of the second semester. The school

building, of native stone with a corrugated metal roof, consists of a 30- by 60-foot gymnasium, a modern kitchen for hot school lunches and community dinners, and 2 large classrooms. Cost of construction was \$35,000. The school is centrally located in the new district, which is about 10 miles northeast of Winfield.

To get the story on organization and operation of this consolidated school, I had a long visit with Milton Kroth, director of the school board. He explained that there was some opposition to the reorganization, especially from

**Indian Summer**

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Goldenrod heads, like gypsy dancers, Swaying in the soft low wind, Wearing veils of gossamer thread, By weaving spiders, gently pinned.

Never, were such settings painted By the hands of mortals all, Thru the mists the actors vanish, 'Tis summer's final curtain call.

—By CAMILLA WALCH WILSON

the divided district. "It is only natural for a school district to want to maintain its identity," he said. "However, it sometimes is necessary to divide them in order to get sound reorganization. This is one reason voluntary reorganization often is difficult. Another stumbling block to voluntary reorganization is that rich districts don't want to have poor districts tacked onto theirs.

"Altho there was opposition, no legal action was taken to stop our reorganization. Now that the new district is operating I think about everybody is satisfied."

Two full-term teachers are hired at Sunnyside and they get \$1,700 each for 8 months. "We try to hire one who can handle athletics and one who can play piano to help with the music program," Mr. Kroth explains. A music teacher is paid \$60 a month to spend one day each week at Sunnyside (half day with each room). This outside teacher also has charge of music for special programs and helps with the 4-H Club music.

Upper grades at Sunnyside have an orchestra. Students in the third and fourth grades can take violin, with instruments provided by the teacher. Students below third grade have a rhythm band. The teachers also provides violins for the upper-grade students, but any student can use an instrument of his choice after the fifth grade if the parents buy it. Vocal instruction also is offered to groups.

"We have an organized and coached basketball team in the school now," says Mr. Kroth. "The gym also is used at recess and at noons for organized games of all kinds."

This little summary shows how the school and play programs have been expanded compared with District 3. I was particularly interested in 2 other points—comparative costs of education and the effect on community activities.

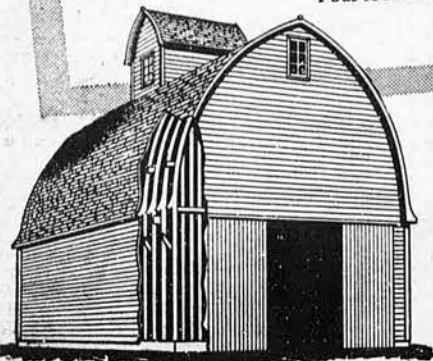
"Before we reorganized," Mr. Kroth explains, "the average levy of all 4

(Continued on Page 37)

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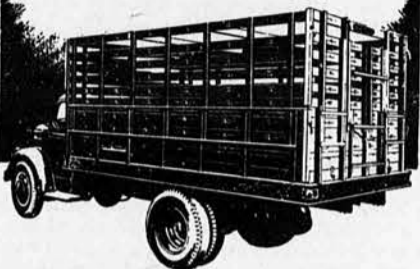


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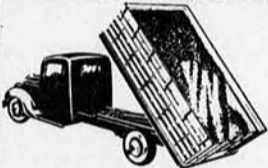
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**TUMS FOR THE TUMMY!**

**Rural Schools**

(Continued from Page 36)

single districts was 5.02 mills, with a low of 3.96 in one district and a high of 6.9 in another. Our levy for Sunnyside school last year was 5.87 for general school purposes. Of course, we had a bond levy of 5.24 mills. This will be reduced each year and bonds retired in 10 years. After that our per pupil cost probably will be lower than under the single-district schools."

**A Community Meeting Place**

Mrs. Kroth had something to say about community activity. "The Floral 4-H Club of 40 members uses the school for meetings. It also has a basketball team that practices in the gym. Our Grandview Home Demonstration Unit of 30 members also uses the school. We are planning to have 4 community-wide social meetings a year to help everybody in the enlarged district get acquainted."

Mr. Kroth would like to take another step. He thinks it would be a good idea to have a community council to plan for the best possible use of the new building. Such a committee, he believes, should have representatives from the 4-H Club, the womens group and from the unorganized men of the community.

Apparently, even forced reorganization is not going to destroy community spirit here. In fact, compared to District 3, the situation is improved. District 3 has no 4-H Club and the children drive 6 miles to Mulvane to belong. There is no Home Demonstration Unit in District 3. There is, however, the Sunflower Club, which has 15 women members and is a combined work and social group.

Transportation is still troubling Sunnyside patrons, as might be expected in a newly-organized district. Last year, first semester pupils in the west half were sent by bus to Floral. Then when the new school was opened, pupils around Floral were transported to Sunnyside. This left about half the pupils each semester to provide their own transportation. This year, parents will take turns providing cars for a share-the-ride program. No student lives more than 3 1/2 miles from the new school. "We probably will have to get a bus for all pupils eventually," says Mr. Kroth.

**Children Like School**

The children like their new school at Sunnyside. Make no mistake about that. At random, I picked up Donald Orand, 11; Donald Brewer, 7, and the 3 Elliston children, Lloyd, 7; Dorothy Lee, 11, and Martha Ellen, 9. They took me to see their school.

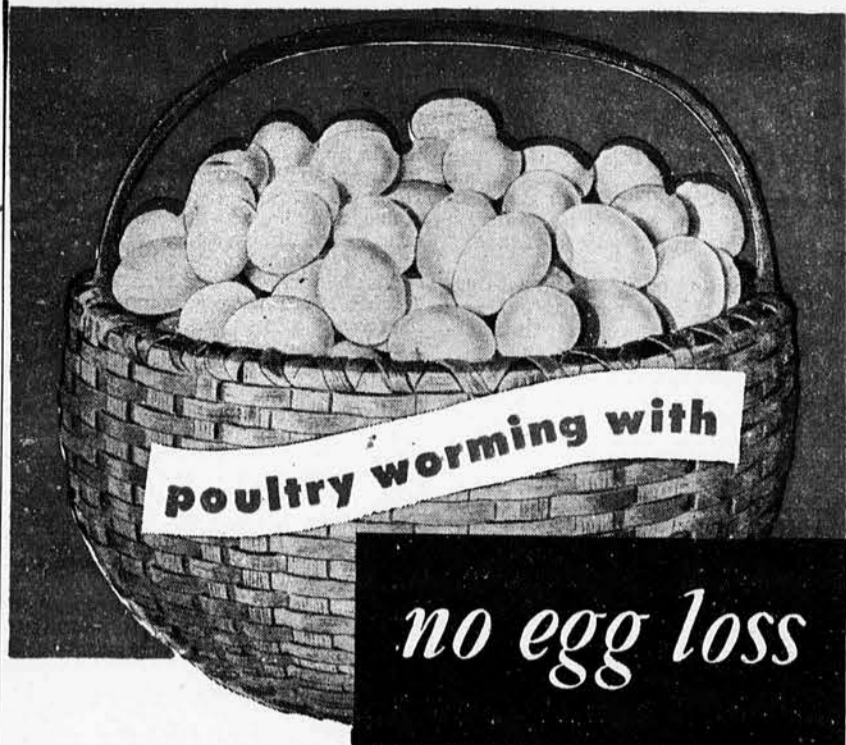
All these children are playing violins in school-music groups, but some of them want to change to horns at the first chance. Donald Orand also is on the school basketball team. "I was the only one in my class until we consolidated," he says. "Now there are 18 in my class. I'm really having fun as I like both music and sports. My school work is more interesting and I'm making better grades."

Donald Brewer had only one other pupil in his class before. Now there are 6, 3 boys and 3 girls. "The girls don't bother me any," says Donald. He finds the schoolwork more interesting against competition and says it is more fun to have someone his age to play with. His mother told me: "Last year was the first time my children hated to see school let out."

All 3 of the Elliston children are enthusiastic about the improvement. One of the girls told me: "We really love the gymnasium. In our little district school we were so cooped up when the weather was bad. Now we can play in the gym anytime."

There you have a comparison between a single district trying to stay alive and a forced reorganized district in the same county. Maybe their stories will help your community decide what to do about your school.

*In the next issue of Kansas Farmer I will tell you about a farm community that hasn't had a school for 28 years. The children have been going to town school all that time. What effect has it had upon these children and upon the farm community? You'll be surprised at the answers because their story, like the 2 I have just given you, proves that what you hear about the school situation "ain't necessarily so."*



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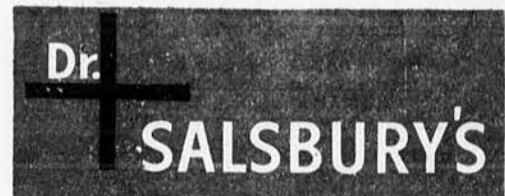
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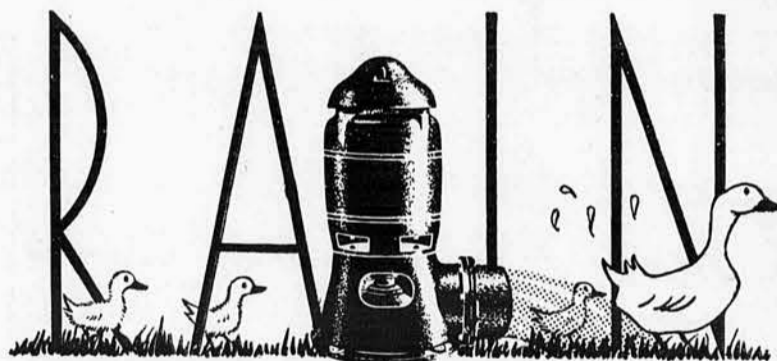
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## Night-Fed Hogs Did Well

Gained 1.45 Pounds a Day for 63 Days

In the September 4, issue of *Kansas Farmer* we reported this experiment in feeding hogs at night for quick gains. Also promised to bring you final results. Here they are in this article. Do you think this would pay in Kansas?

NIGHT feeding of hogs, at least during the hot summer months, may prove highly practical for the average farmer and hog raiser.

This is indicated in results of what is believed to be the first experiment in night feeding of hogs, conducted on the farm of Robert C. Turner, Henry, Ill., this summer.

Mr. Turner, a GI paratrooper turned farmer, established enviable records for speedy and economical pork production in a 63-day test with 107 purebred Duroc hogs.

He noted that hogs are reluctant to eat during the heat of a summer day. But will make regular visits to their self-feeders on moonlight nights. So he

erected electric lights over the feeders in his hoglot and had them controlled by time clock to provide 2 feeding periods each night. His idea was to encourage his hogs to eat during the cool of the night, increase their feed intake, and get them to market weight earlier.

The experiment was started on July 1, when 107 Duroc pigs, farrowed in late March and early April, were weighed in. They weighed a total of 7,424 pounds, or an average of 69.38 pounds to the pig. They were fed ground oats, plus a pelletized milk product in the self-feeders, and ear corn hand fed. They were on good alfalfa pasture and also had a supply of salt and mineral.

At the end of the 63-day period, on September 2, the hogs were weighed out and tipped the scales at 17,270 pounds for the lot, or an average of 161.4 pounds to the hog.

This meant they had made an average daily gain of about 1.45 pounds to the hog, which may be compared to an

average daily gain of about 1.31 pounds for hogs of similar weight and age in 12 experiments at 5 Midwest experiment stations reported in U. S. D. A. Technical Bulletin No. 894, July, 1945.

Mr. Turner kept complete records of feed consumption and costs. Feed consumption per 100-pound gain was of special significance. To make a total gain of 9,846 pounds of pork in 63 days, the pigs consumed a total of 27,069 pounds of feed, or 275 pounds of feed for each 100 pounds of pork produced. This may be compared to 300 to 350 pounds of feed for each 100 pounds gain, which is generally considered good to average feed consumption. Turner figured the feed cost at \$11.70 per 100 pounds of pork produced.

### Only 7 Cents a Pig

Total cost of electricity for the 63 days was \$7.40, or about 7 cents a pig. There was one pole with a single 150-watt bulb to light the pen area, and another pole with two 150-watt bulbs and reflectors directly over the feeders. Lights were time-clock controlled to come on automatically twice during the night, from 10:00 to 11:30 p. m. and 2:00 to 3:30 a. m. This resulted in the use of 148 kilowatt hours of electricity.

Mr. Turner noted that when the lights came on at night the hogs made no quick rush to the feeders, but within about 5 minutes they got up in groups of 4 or 5 to go to the feeders. He estimated that at least three-quarters of the herd got up to feed during each of the night-feeding periods.

The experiment was sponsored jointly by the Kraft Foods Company. Paul Laffey, county farm adviser for Marshall and Putnam counties, and Ira Burton, Turner's neighbor, were official witnesses at the scales at both the weighing-in and weighing-out of the

## Fishing in October

Copies of the 1948 edition of the booklet, "Fishing—What Tackle and When," published by the South Bend Bait Company, are still available. Besides helpful fishing and tackle hints, the booklet has easy-to-follow instructions for learning the art of bait and fly casting.

Ever play the fishermen's game of "Skish"? Rules and scoring procedure for playing this game are included in the booklet.

Arrangements have been made with the publishers to send a free copy of the booklet to our subscribers. Please address a post card to Farm Service Editor, *Kansas Farmer*, Topeka.

hogs for this interesting experiment.

Well pleased with the outcome, Mr. Turner said, "The results speak for themselves. They're a swell lot of hogs and I think my program is right. Leading hog men who saw them at the weighing-out said my animals would top the market. I'm going to repeat the program with my fall pigs."

## Taxes Go Higher

Highway users paid at least \$1,118,345,000 in emergency Federal automotive excise taxes during the fiscal year ended June 30. That is 14.6 per cent above the previous year's collections.

These taxes include those on gasoline, lubricating oil, new cars, motorcycles and trucks, parts and accessories, and tires and tubes. Not included are taxes on pipeline transportation of oil and transportation of persons and property.

## Likes Compact Cattle

John Luft Now Tries Polled-Comprest Cross

By ED RUPP

WHEN it comes to beef cattle, John Luft, LaCrosse, likes them short-coupled, low down. The kind, he says, that will feed out to a finish in a shorter time on less feed. He believes that is the type of animal that is best for the future of the industry, because scarcity of feed in the future is likely to be common rather than unusual.

In 1929, Mr. Luft started with a herd of 12 registered Hereford cows. And since the beginning he has been looking for the low, short-coupled type. Not being able to find what he wanted for his 480-acre farm, he began selecting with that type in mind.

After selecting in his herd for stocky animals, he started using Comprest bulls. His first was Comprest Mixer 11th, purchased in 1941 from Otto Fulscher, of Holyoke, Colo., and Roy Armstrong, of Raton, New Mexico. It was the first representative of the Comprest line in Kansas. The result was an even greater shortening of the distance from rump to shoulders, and less open space between ground and body of the animal.

In 1943, Mr. Luft bought Comprest Conqueror 32nd from Mr. Armstrong, and the first calf, Lady Conquest 1st, was placed reserve champion female at the Kansas Futurity Sale and Show at Hutchinson. Since then a steer from the Luft herd has taken top honors at the Kay county, Oklahoma, junior livestock show.

But Mr. Luft is a difficult man to satisfy. Now he wants a Comprest-type

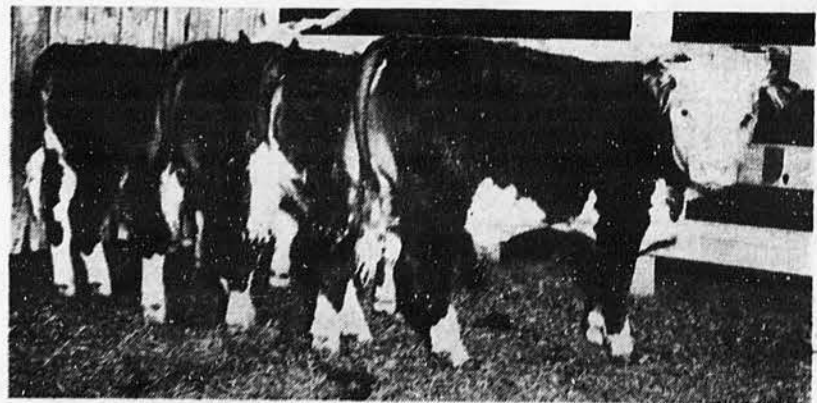
animal without horns. So, he is using Polled Herefords that tend toward the compact build. It is what he calls the modern type of beef animal.

Altho Mr. Luft is comparatively new in the game, he is having considerable success with his Polled-Comprest cross. His debut was at the Pacific National Polled Hereford show in California last February. His entry, Pawnee's Lad 10th, won fourth place in the senior calf class and first place in the show class. He sold at auction for an even \$1,000, next to the reserve champion of the show. That was his first Polled-Comprest bull to be offered for sale. He was sired by Pawnee's Domino 10th.

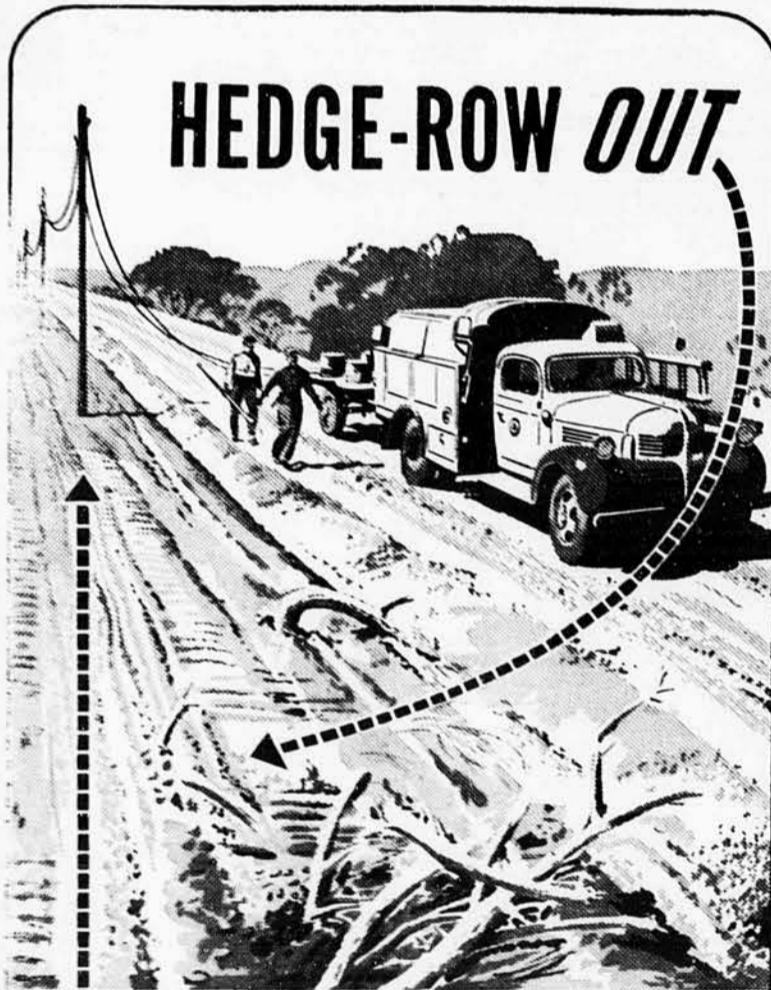
The young bull sold to the Due Brothers, at Escalon, Calif., who plan to use him in their show herd.

Caring for his herd of 35 or 40 Comprest Herefords are Mr. and Mrs. Joe Dinkel. Mr. Dinkel is the herdsman and his wife is the bookkeeper, taking care of all pedigree work.

As might be expected, now and then the horns show up, but Mr. Luft is going right ahead with his program. Polled Herefords have not gone thru the long period of development that regular Herefords have. But he is going right ahead with his program hoping to develop what he first wanted back in 1929. He may have the right slant on the beef business. At any rate, the Comprest calves following their mothers' around his farm are mighty pretty to see.



This photo of 2 young heifers and 2 young bulls in the John Luft herd gives you an idea of what the owner means by short-coupled, low-down beef. They are the type he expects to be able to feed to a finish in a short time on a minimum of feed.



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## Vocational Agriculture

By HELEN ANKENY

The Fowler Vocational Agriculture department is starting the year with a brand new building of buff brick. It is 64 by 94 feet, and contains a classroom, shop, storage room, and a shower room. Two new arc welders are being added to the department this year, donated by two Fowler dealers. W. O. Breeden is the instructor at Fowler.

Bob LeRoy, son of Mr. and Mrs. Harry LeRoy, Great Bend, a member of the Great Bend Future Farmer chapter, is one of the few boys in Kansas who have entries in the United Duroc Record Association's ton litter contest. His 10 Duroc pigs at 6 months weighed 2,150 pounds. Young LeRoy also carries projects in Hereford fat steers, wheat and poultry. Last year he netted around \$4,000 from these projects. Bob expects to enter 2 of his Hereford steers at the Wichita State Fat Stock Show in October. Carl Heinrich is the Vocational Agriculture instructor at Great Bend, and Bob's local adviser.

New equipment recently purchased by the Osage school board for the Vocational Agriculture department there includes a new combination circle saw and jointer, and new drill press. R. P. Latimer is the instructor.

This column last month mentioned that Keith Riggs, of the WaKeeney F. F. A. chapter, and Clyde Morris, of the Highland Park chapter, had been asked to play in the national F. F. A. band which will make its appearance for the second time at the national F. F. A. convention, to be held in Kansas City, November 14 to 19. Since then we have learned that 4 other Kansas Future Farmers also will be members of the band. The boys are Jerome Johnson, Concordia; John McKone, Tonganoxie; Daniel M. Day, Kincaid, and Daryl Reeder, WaKeeney.

The Meriden high school has reinstated Vocational Agriculture as part of the regular courses offered. R. L. Welton, who has been teaching at Tonganoxie for several years, has been hired to teach the course at Meriden. Vocational Agriculture was discontinued some 5 years ago at Meriden when it was impossible to get an instructor.

Another Vocational Agriculture department being reinstated this year is Council Grove. John Wilson will teach the course. According to Mr. Wilson more students wanted to take the course than the department could handle, and it was necessary to turn several of them down. In connection with the Vocational Agriculture setup, the local chapter of Future Farmers of America will be reactivated.

According to L. B. Pollom, supervisor of Vocational Agriculture education in Kansas, the school year began with active departments in 143 schools as compared to 141 a year ago. Thirty-four departments operating before the war are closed due to lack of qualified instructors. Fourteen teachers are teaching Vocational Agriculture in Kansas for the first time. Seven of these are from other states. Eighteen others are beginning their first year where they are teaching this year.



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# State Fair Winners

**T**OP winnings for Kansas exhibitors at the Kansas State Fair, Hutchinson, are as follows:

**Dairy**  
**AYRSHIRE:** Junior champion bull, W. S. Watson, Hutchinson, on Ayr-Line Rare Lou; senior and grand champion, Richard & Raymond Scholz, Lancaster, on Locust Lea Nick, Junior champion female, G. Fred Williams, Hutchinson, on Woodhull Rare Cherry; senior and grand champion, W. S. Watson, on Ayr-Line Royal Girl.  
**BROWN SWISS:** Junior champion bull, G. D. Sluss, El Dorado, on El Dorado Rusty; senior and grand champion, Paul Timmons, Fredonia, on Leanna's Lucky Mars, Junior champion female, G. A. Weeks, Lawrence, on Law Kan Commander Beauty; senior and grand champion, Earl Webber, Arlington, on Hansels Queen M&B DD.  
**GUERNSEY:** Senior and grand champion bull, Ransom Farm, Homewood, on Ransom's Fidget's Fireman, Junior champion female, Ransom Farm on Ransom Gretchen Genous.  
**HOLSTEIN:** Junior champion bull, E. A. Dawdy, Salina, on Wisconsin Burke Ideal, Senior and grand champion, E. B. Regier, Whitewater, and John Heersche, Mulvane, on R. H. W. Homestead, Junior champion female, Delmar Conner, Lyons, on Polkadot Countess Flo; senior and grand champion, Dale Kubin, McPherson, on Steinshire Starwood Inka.  
**JERSEY:** Junior champion bull, Smith Brothers, Highland, on Highfield Standard Led; senior and grand champion, Smith Brothers on Applecone Design, Junior champion female, John Weir, Jr., Geuda Springs, on Draconis Design Fairy; senior and grand champion, Harry Kelman, Arlington, on Aim Lavender Helen.

**MILKING SHORTHORN:** Junior and grand champion bull, Ezra L. Wolf, Quinter, on Lilydale Pride; senior champion, Robert Morarity, Pittsburg, on Olwood Curly, Junior champion female, Ezra L. Wolf on Erera Red Maria; senior and grand champion, Joe Hunter, Geneseo, on Retnuh Red Butterfly 41st.

**Beef Cattle**  
**ABERDEEN-ANGUS:** Junior champion bull, Blackpost Ranch, Olathe, on Homeplace Eileenmere 39th; senior and grand champion, Triple S Angus Ranch, Rosalia, on Rufflands Elbaees, Junior champion female, Sunflower Farm, Everest, on Miss 487 of Highland; senior and grand champion, Triple S Angus Ranch on Blackcap Lass S5.  
**HEREFORDS:** Grand champion bull, Walnut Hill Hereford Ranch, Great Bend, on Walnut Hill Cascade, Champion female, J. J. Moxley, Council Grove, on Lady Tredway 60.  
**RED POLL:** Junior champion bull, Locke & Locke, Burns, on L. S. Autrey; senior and grand champion, J. E. Loeppke & Sons, Penalosa, on Ideal Sunshine's Perfection, Junior champion female, Loeppke & Sons on Lyle Flashie; senior and grand champion, Erwin Siemens, Buhler, on Amelia.  
**SHORTHORNS:** Champion bull, William E. Thorne, Lancaster, on Mercury's Archer; reserve, E. C. Lacy, Glenn Lacy & Son, Miltonvale, on Prince William 20th, Champion female, W. V. Harshman & Son, Clem-

ents, on Controls Princess; reserve champion, William E. Thorne on Victorias Dorothy.

**Swine**  
**POLAND CHINA:** Senior and grand champion boar, J. M. Bolton & Son, Smith Center, Junior champion sow, J. M. Bolton & Son; senior and grand champion, Harry L. Turner, Harper.  
**SPOTTED POLANDS:** Senior and grand champion boar, Joy Brothers, Narka, Junior champion sow, Wayne L. Davis, Mahaska; senior and grand champion, Wayne Davis.  
**BERKSHIRE:** Junior champion boar, Mr. and Mrs. Otto Stelter, Haven; senior and grand champion, F. E. Frain, Minneapolis, Junior champion sow, Mr. and Mrs. Otto Stelter; senior and grand champion, Woodrow-Moberly, Elk City.  
**O I C's:** Junior champion boar, L. E. Gatz & Son, Newton; senior and grand champion, Mr. and Mrs. Sylvester Martin, Mt. Hope, Junior champion sow, J. R. Adams, Fredonia; senior and grand champion, Otto Zahn, WaKeeney.  
**HEREFORDS:** Junior champion boar, Elvin E. Brown, Leoti; senior and grand champion, Charles Booz & Son, Portis, Junior and grand champion sow, Charles Booz & Son; senior champion, Charles Booz & Son.  
**HAMPSHIRE:** Senior and grand champion boar, Pittman Brothers, Udall, Junior and grand champion sow, O'Bryan Ranch, Hiattville.  
**DUROCS:** Senior and grand champion boar, Morley and Wreath, Belleville.  
**CHESTER WHITES:** Junior champion

boar, Lloyd Cole, Topeka; senior and grand champion, Lloyd Cole, Junior champion sow, Eldon Mosler, Oswego; senior and grand champion, Eldon Mosler.  
**MARKET BARROWS:** Champion lightweight, Larry Vernon, Admire; champion heavyweight, Thomas Taylor, St. John; grand champion barrow, Thomas Taylor.  
**Sheep**  
**SOUTHDOWN:** Champion ram, Faye McClure, Newton, champion ewe, Tonn Brothers, Haven.  
**SUFFOLK:** Champion ram, Mr. and Mrs. Sylvester Martin, Mt. Hope, Champion ewe, Mr. and Mrs. Sylvester Martin.  
**FAT MARKET LAMBS:** Grand champion lamb, H. E. Heiser, Ramona; reserve champion, Virgil McClure, Newton.  
**WOOL EXHIBIT:** Champion fleece, Virgil McClure, Newton.  
**SHEEP SHEARING CONTEST:** Junior champion, James Hett, Marion; senior champion, Virgil McClure, Newton.

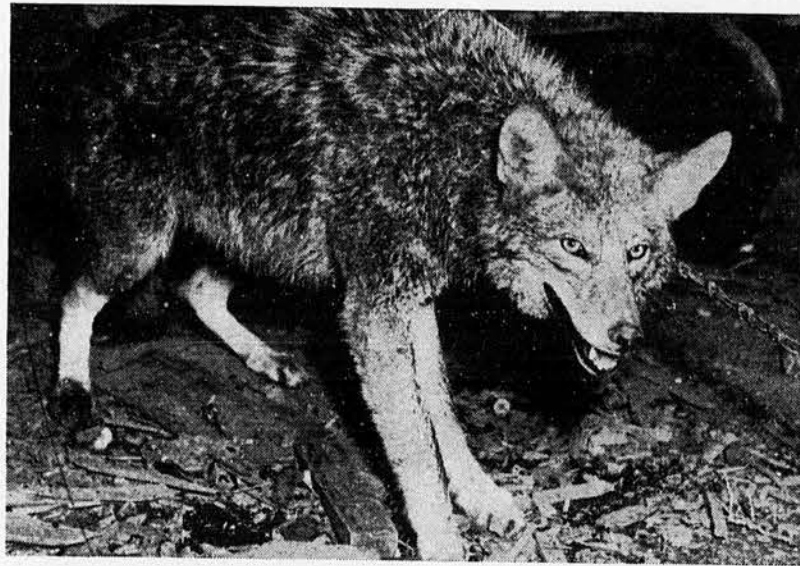
**Crops**  
**CORN:** Sweepstakes prize to Rolly Freeland, Effingham, on both 10 ears and 100 ears of open-pollinated corn.  
**WHEAT:** Grand champion, Enoch Thompson, Burdette, on an Early Triumph exhibit; reserve, Charles Waugh, Weskan, Comanche variety.

**4-H Clubs**  
 Junior Zahradnik, Ellsworth county, was awarded the sweepstakes 4-H Club gold medal as the most outstanding boy at the annual 4-H encampment, Lois Ottaway, Sedgwick, was the most outstanding girl. Gold medals as outstanding adult leaders went to Hugh Errington, Sherman county, and Mrs. Harry VanSlike, Cowley county. The best 4-H dairy exhibit award from the Kansas State Board of Agriculture went to Sedgwick county. McPherson county won the award for the best beef exhibit, and Reno county for the best clothing exhibit. The grand championship 4-H Club demonstration was won by Patricia Evelmessenger, Brown county, with a demonstration on a master-mix dough for cooking. Reserve championship went to a team from Franklin county, Mary Ann McAulisse and Lauren Gaddis. Their demonstration was on how to clip a dairy cow. There were more than 100 demonstrations at the Kansas State Fair.

**Dairy Judging Contest**  
**HOLSTEIN:** Dale Kubin, McPherson, High team, Ark Valley.  
**AYRSHIRE:** Arlo Flickner, Moundridge, and Myron Hornbaker, Hutchinson, tied for first, High team, Central Kansas.  
**GUERNSEY:** Dale Koll, Troy, High team, Kaw Valley.  
**JERSEY:** George Heckel, Sterling, High team, Central Parish.  
**BROWN SWISS:** Earl Webber, Arlington, High team, Central Canton.  
**MILKING SHORTHORN:** Gerald Proffitt, Alden, High team, South Central District.

## Are Coyotes Villains?

By CHARLOTTE NORLIN



What is your opinion of the coyote? Have you ever heard a good word for him? You will be interested in reading this article even if you don't change your mind on the subject.

**C**OYOTES are the traditional villains of the plains. Man, since pioneer days, has killed them without mercy, even killing the young in their dens. Today, airplanes are used to flush them out for hunters. Many counties pay bounties for their pelts. Originally a native of the plains country, they spread into the mountains when food became scarce in their native habitat. Now they can be found in Alaska, where they went after the Klondike gold rush, and east of the Mississippi in states along the Atlantic coast. It is thought they were taken to the East by returned tourists from the West and set free. From February up to and including June, of this year, the Forestry Fish and Game Commission of Kansas supervised a coyote-control campaign. The Fish and Game Commission financed the work, and the United States Fish and Wildlife Service provided the men and gave them what technical advice and equipment they needed for their work. Seven men worked during the trapping season and killed 600 coyotes, Dave Leahy, director, said. No estimate was made of the amount of damage to poultry and livestock that these animals might have done. But the coyote damage for 1947 was estimated at \$1,500,000 by J. C. Mohler, secretary of the Kansas State Board of Agriculture. All of this seems to justify our calling the clever and cunning coyote a villain. A different picture, however, is painted by a recent report of the zoology department of Kansas State College. This report of an investigation of the stomach contents of 130 animals, made by Dr. O. W. Timeier, found that cottontails made up 52.4 per cent of the food found. Most of the animals were from the eastern third of the state, only 18 of those examined being from the western third of the state. Jackrabbits

were found to amount to 8.1 per cent of the total food found, so probably those western coyotes ate the jacks. Carrion, consisting of beef hides and hair, hog skins and pieces of wool was the second constituent of the coyote diet making up 14 per cent of the total. Rodents such as muskrats, fox squirrels, gophers, prairie dogs, barn rats, pack rats, kangaroo rats, pine mice, white-footed mice and harvest mice bulked almost as large or 13.8 per cent of the diet. Some coyotes would be good mousers as 15 or 16 meadow mice were found in many of the animals stomachs. Garbage accounted for 4.7 per cent of this predator's food and all other kinds 0.9 per cent. The relentless war against rabbits in the thirties, culminating in the rabbit drives, would have been unnecessary if a similar war against coyotes had not taken place, in the opinion of J. D. Black, of the Museum of Birds and Mammals, of the University of Kansas, in his "Mammals of Kansas." This new report, the first of a 5-year study, supports this contention. The natural food of coyotes, according to the State College professors, are rabbits, carrion, rodents and harvest mice, or 75 per cent of all food eaten by weight. Coyotes are supposed to be one of the arch enemies of chickens. In the opinion of the researchers, "It was evident that most of the chickens which were eaten had died and were thrown out by farmers. This practice often leads to difficulty by encouraging predators to eat farm animals and frequently results in raids on poultry flocks when birds are turned out on the range." This, then, is the evidence of an objective and careful scientific study of the coyote situation from evidence gathered during last year's severe winter.

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 SAVE MONEY

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## Coming Events

- October 4-5—Barton county leader-training school—"Business Transactions," Gladys Myers, leader.
- October 5—Rawlins county, Soil Conservation tour.
- October 6—Wichita county. Unit leaders training meeting, conducted by Vera E. Ellithorpe, Kansas State College.
- October 8—Barton county meeting. Infant Care, Martha Brill, leader.
- October 9—Finney county. Home management meeting, "Savings and Investments," Gladys Meyers, extension specialist, K. S. C., leader.
- October 11—Johnson county, Shawnee township meeting, Lenexa, 8 p. m.
- October 11—Finney county. Family life meeting, "Our Teen-Agers," Mrs. Vivian Briggs, K. S. C. extension specialist, leader.
- October 12—Rawlins county district Farm Bureau membership meeting, Colby.
- October 12—Reno county, Lot F. Taylor, beef specialist, leader of meeting.
- October 12—Cloud county fall poultry school. Prof. M. E. Jackson, leader.
- October 12—Cheyenne county crops and conservation tour.
- October 13—Mitchell county poultry school, Municipal Bldg., Beloit. M. E. Jackson, in charge.
- October 14—Johnson county, Spring Hill election will be held at the Spring Hill high school.
- October 14-15—National F. F. A. judging contests, livestock and meats, Kansas City, Missouri.
- October 20—Rawlins county leader training lesson on glass etching.
- October 20-22—McCook 4-H fat stock show, McCook, Neb.
- October 20—Johnson county, Lexington township election, De Soto.
- October 21—Barton county home demonstration achievement day.
- October 22—Labette county artificial breeders association (dairy), Oswego.
- October 22—Hodgeman county knitting work day, Jetmore court house, 10 a. m.
- October 25—Washington county. Leaders training meeting, Mary Fletcher, foods and nutrition specialist, leader.
- October 25—Cowley county 4-H Club plant and vegetable disease meeting.
- October 25—Riley county, annual conference county agents, Manhattan.
- October 25—Morton county. Foods and nutrition meeting, Gertrude Allen, K. S. C. specialist, leader.





### Kansas Duroc Breeders Boar and Gilt Sale



Free Fair Grounds  
**Topeka, Kansas**  
**Thursday, October 7**

SHOW 10:00 A. M.  
AUCTION SALE 1:00 P. M.

**24 Spring Boars — 37 Spring Gilts**

Your opportunity to buy outstanding gilts for raising spring litters and a top boar to sire your spring litters. These consignments are from 28 of the leading Duroc herds in Kansas.

For sale catalog write **JOHN O. MILLER, Chamber of Commerce**  
120 West 7th, Topeka, Kansas  
Aucts.: Col. Jim Hoover & Son Mike Wilson for Kansas Farmer

### Miller's Duroc Sale



At the farm south of  
**Alma, Kan., October 9**

35 Boars and 20 Open Gilts. Many sons and daughters of the great Eureka. We are also selling some pigs by Blocky Diamond, a good son of Royal Diamond. A few by Prince Bob and Super Sensation. None better will be sold anywhere.

This sale will be in our new sales pavilion on the farm, 11 miles south of Alma.

**Clarence Miller, Owner, Alma, Kan.**  
Bert Powell, Auctioneer Mike Wilson for Kansas Farmer

### Poland China Annual Boar and Gilt Sale



at the farm  
**October 28, 1948**  
**40 HEAD**

Many sired by "Mixer's Buster," 1947 Kansas grand champion boar. A litter by this great boar and out of "Challenger's Lady" dam of "Perfect Lady," 1947 Illinois grand champion sow. 5 Boars and 3 Gilts.

They are all sensational and outstanding show prospects. Also an outstanding litter sired by "Super Excel" and their dam by "True Dimensions." Every pig a good pig. These are the kind of litters from which breed builders are selected. Others sired by "Choice Goods" and include 3 1948 production registry litters.

For complete information and catalog write  
**C. R. ROWE & SON, Scranton, Kan.**  
Mike Wilson for Kansas Farmer

### Duroc Boar and Gilt Sale



**Sparks, Kan., October 11**  
Sparks is 14 miles east of Hiawatha on highway 36

**20 BOARS AND 20 GILTS**

Sired by "Blue Print Leader" by Blue Print, the Maas Brothers boar. Also by "Special Fancy" by "Diamond Star," and he is by the great John Simpson herd boar "Star." For catalog write

**Irvin P. French, Sparks, Kansas**  
Bert Powell—Auctioneer

### Duroc Boar and Gilt Sale



**Wednesday, October 6**  
Our annual sale of boars and gilts will be held October 6 at the farm 1 1/2 miles west of Homewood on highway 50S.

**20 UNIFORM BOARS — 25 GOOD GILTS**

Boars are deep-bodied, heavy-boned; gilts are good, sound and dark red. This herd of well-bred pigs have been winning at many of the fairs in eastern Kansas. All good practical hogs that will give good account of themselves; some with P. R. record of 560 pounds in 56 days. Attend this fine Sale!

**HOMER HODGES, Homewood, Kansas**

### IN THE FIELD



Jesse R. Johnson  
Topeka, Kansas  
Livestock Editor

and MIKE WILSON, Livestock Fieldman, Muscotah, Kansas.

Never before have so many Kansas crops shown unusual yields all in the same year. Wheat, corn and all other feed grains. Pastures both wild and tame, alfalfa and wild hay. Recent rains in most parts of the state have made for late fall grazing. And with a little more rain, to supply top moisture for early seeding, the wheat pasture outlook is good.

Feed-lot cattle are plentiful and prices of corn, it is predicted, will be in line with other feeding expenses. But with the above prospects, there remains a strong undercurrent of doubt in the minds of both dairy and beef cattle growers. I am asked the question by many. Wouldn't this be a good time to disperse the herd? I pass the question on but no one seems to know the answer. It has been suggested to me that this doubt probably has at least some of its origin in a spirit of gambling that has taken possession of our thinking.

My opinion is that the breeder of livestock who owns his own farm or is secure in the possession of a rented farm, and is out of debt or nearly so, had better stay in the business that he understands rather than sell out and take a big profit in cash and engage in some business that he does not understand. The same inflated prices that he receives for his stock will be present when he re-invests his money.

This advice is especially true of the young or middle-aged stockman, who is still capable of giving his best efforts to his present business. For the man who plans an early retirement, the time is probably more suitable than later on. However, all of this is only a guess. I have been reasoning this way now for more than 2 years.

JESSE R. JOHNSON

The National Hereford Show, to be held at Grand Island, Nebr., October 26 to 29, promises to be an event big enough and important enough to overshadow many state fairs in the country.

The \$7,500 in prizes is a large enough amount to attract exhibitors from many distant points, and no breeder of Herefords is barred. The Grand Island Chamber of Commerce is sponsoring the show, and the American Hereford Association will pay one half of all premiums up to the amount stipulated.

The show will be held at the Grand Island municipal airport. Entries must be in the hands of the secretary not later than October 10. All entries should be sent to R. Clare Clement, Grand Island Chamber of Commerce. Every animal must be accompanied by a health certificate. An entry fee of \$3 a head will be charged. The fee must accompany every entry. A stall rental of \$2 will be charged for nurse cows. No free admissions will be given to anyone but livestock exhibitors. Helper

### KOCH'S CHESTER WHITE BOAR AND GILT SALE

7:30 P. M.  
**Tuesday Night, Oct. 12**  
Marysville Sale Pavilion  
**Marysville, Kansas**

45 Head sired by Kansas Tip Top (1948 Nebraska grand champion), Exploiter, Goldfinder, Modern Topper and Pappy Yokum. Write for catalog to

**ROY KOCH, Breman, Kansas**  
Auctioneer: Bert Powell  
Jesse R. Johnson with Kansas Farmer

### For Sale REG. HEREFORD HOGS

One yearling boar (registered), sired by Prize Good. Two sows, yearlings and registered, sired by Fashion Model and Ma-rauder's Lucky Boy. Also a few pigs. Good quality and all from the best of Hereford breeding.  
**ABE FRIESEN, Ashland, Kansas**

### HOGS

### Buy 'He'l Do' Durocs

**Faucett, Mo., October 18**

Faucett is 11 miles south of St. Joseph, Mo., and 30 miles north of Kansas City, Mo., on highway 71.

**50 HEAD SELL—20 Boars and 30 Gilts**  
When you see "He'l Do", the sire of most of the offering, you will see one of the thickest, soundest, shortest legged boars of the breed. This boar is a half brother to Spot Light's Pride the 1947 Iowa Reserve Champion Boar. A few sired by other good boars of the breed. In starting again in the Duroc business we were careful of our selections and we think we can please both breeder and farmer.

For catalog write to  
**FRED FARRIS & SON, Faucett, Missouri**  
Auctioneer: Bert Powell

### DUROCS

**Friday, October 8**

(Shearer Sale Barn)  
**Beloit, Kansas—1 P. M.**

**22 BOARS — 30 GILTS**

Most modern breeding with Golden Fancy background. Selected individuals.

**SIDNEY JOHNSON, Jamestown, Kan.**  
Aucts.: Jim Hoover & Son

### Miller's Easy-Feeding Durocs Now Offered

Selected boars ready for service sired by Nancy Spot Light and Royal Master, 1947 Kansas and Royal Grand Champion. Also choice open gilts. Vaccinated and guaranteed.  
**Weldon Miller & Son, Norcatar, Kan.**

### BOARS—BOARS—BOARS DUROCS

Few choice October, 1947, boars ready for heavy service. Bred right and fed right. Also plenty of spring boars and gilts. Visitors welcome.  
**HARRY W. LONG, Ellsworth, Kansas**

### Duroc Spring Boars

Now offering choice Spring Boars, sired by Leader's King, Victory Ace and Orion Spot Light. New blood for old customers. Immunized.  
**ROEPKE DUROC FARM**  
Arthur E. Roepke, Waterville, Kansas

### SHEPHERD'S SUPERIOR DUROCS

Offering Excellent sows and gilts bred to Super Spotlight and Lo Thickmaster for late August and September farrowing. Choice, serviceable and spring boars. Our Durocs please. Write, call or come. G. M. SHEPHERD, Lyons, Kan.

### DUROC BRED GILTS AND BOARS

All Ages. By Top Crown by the Illinois Champion Crown Prince. Satisfaction or your money back. Best we ever raised.  
**BEN M. HOOK & SON, Silver, Lake, Kansas**

### Hampshire Hogs

Hamps with extra Growthiness, Quality and Breeding will Sell  
**Oct. 13 at 1 P. M.**  
at the J. D. Schumacher & Son Reg. Hampshire Boar & Gilt Sale  
**Osborn, Missouri**

(Under cover at the farm.) We are 2 1/2 miles east of St. Joseph, Mo.  
**45 HEAD**  
20 Choice Boars—25 Foundation Gilts  
Featuring the blood of All Americans. Litters by Blender Bond and out of a grand daughter of 6-Star Ringgold Lady Dora; by Post Warrior, son of Post War; and by Advancer, grandson O'Boy. All cholera immuned. Write for catalog—  
**J. D. SCHUMACHER & SON**  
Osborn, Mo.  
Aucts.: E. E. McClure and Don Bowman

### BERGSTEN'S Improved Hampshires

Now offering outstanding Fall Boars. Immune and registered. New breeding for old customers.  
**E. E. BERGSTEN & SONS, Randolph, Kan.**

### ETHYLEDALE FARM PRODUCTION HAMPSHIRE

Top fall boars ready to go. Fall gilts now being bred for fall farrow. Weaning pigs of high quality. Proven bloodlines.  
Dale Scheel, Emporia, Kan.

### Offering Hereford Hogs

Spring Boars and Gilts of good quality and registered. Best of bloodlines.  
**ROY HUBBARD**  
P. O. Box 409 Junction City, Kan.

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**HOGS**

**Auction--40 Spotted Poland China Hogs**

Sale at the 4-H Building, Kansas Free Fair Grounds  
**Topeka, Kansas**  
**Thursday, October 14**

20 Boars and 20 Gilts: Mostly sired by Broad Rocker, he is a grandson of the famous Rocker. Also selling 2 boars by the famous Diamond T now owned by Spaulding and Beckwith at Valley, Nebr.

These are the large, middle-of-the-road, easy-feeding kind. Offering double immune.

Write for catalog to  
**ROY G. KELLER, Berryton, Kan.**  
Auct.: Ron Martin, Fremont, Nebr.



**Last Call Bauer Bros. Poland Sale**

**Fairbury, Nebr.**  
**Wednesday, October 6**

**40 TOP BOARS**  
**20 FOUNDATION HERD GILTS**  
Featuring the blood of Copyright and other herd boars, with the background of the noted boars, State Fair and Midwest. Some State Fair champs sell.  
Get catalog when you arrive at the sale.  
**BAUER BROS., Gladstone, Nebr.**  
Auctioneer: H. S. Duncan  
Jesse R. Johnson with Kansas Farmer

**REG. SPOTTED POLAND AND DUROC AUCTION**

**Fairbury, Nebraska**  
**Monday, October 25**

**75 HEAD**  
**50 SPOTS — 25 DUROCS**  
Boars and gilts all of last Spring farrow. The farmers kind for the farmer.

**WAYNE L. DAVIS**  
Mahaska, Kansas

**REGISTERED SPOTTED POLANDS**

Now offering my choice spring boars for sale, new bloodlines, Sunset and Perfection breeding. Write or visit  
**SUNNYBROOK FARM, Richland, Kan.**  
H. E. Holliday (Owner)

**REGISTERED JERSEY SALE**

*A Complete Dispersal of*

**Memory Land Farm Jerseys**

**MR. and MRS. CECIL H. WERNEKE, Owners**

**Caldwell, Kan. — Wednesday, October 27**

**4 BULLS—25 COWS—15 SPRING HEIFERS—18 OPEN HEIFERS**

This sale will offer an excellent opportunity to select from one of the good herds of Jerseys in the Midwest. Everything in the herd sells. Continuous testing insures high producers. All cows are classified with 1 Excellent, 12 Very Good, 5 Good Plus, Champion winners at Kansas, Missouri, Oklahoma and Nebraska State Fairs and at local and parish shows are included. 30 head to freshen this Fall—insures you plenty of winter milk.

For catalogue write

**Laurence Gardiner, Sales Mgr., 1863 Cowden Ave., Apt. A, Memphis 4, Tenn.**



**Attend the 2nd Tri-State Sale of Brown Swiss Cattle**

Leading Breeders from Kansas, Missouri and Nebraska Are Selling 56 Head at the  
**Kansas Free Fair Grounds**

**Topeka, Kan., Wednesday, October 20**

**18 Milking Cows—20 Bred Heifers—12 Open Heifers**  
**6 Top Young Bulls**

A Carefully Selected Sales Offering: Every animal offered has been approved by a sales committee of the Tri-State Sale Association. The type, production and breeding found in the females of all ages will appeal to those interested in Brown Swiss. 6 Young Bulls sell that had to meet rigid requirements from a type and production angle. 26 Herds represented in this Tri-State Auction: 16 Kansas Breeders, 7 Missouri Breeders and 3 Nebraska Breeders are consigning to this sale.

Health of Sales Offering: All Tb. and Bang's tested. Health certificate with every animal sold. Sale headquarters—Hotel Kansas, Topeka, Kansas. Make your own reservations. Free Banquet for those interested in Brown Swiss at Hotel Kansas at 7 P. M. Make reservations for banquet with secretary Ross Zimmerman or John Miller, Agricultural commissioner of the Chamber of Commerce, Topeka, Kansas.

For sale catalog write to **ROSS ZIMMERMAN, Route 1, Abbyville, Kansas**  
**Secretary Tri-State Brown Swiss Sale Committee**  
Auctioneers: Bert Powell, Topeka, and Charles Cole, Wellington, Kansas  
Jesse R. Johnson with Kansas Farmer

tickets will be issued by the secretary at his discretion.

President of the Chamber of Commerce is C. J. Reitan, Charles R. Gardner is manager of the show, and R. Clare Clement is superintendent. The show is sanctioned by The American Hereford Association, R. J. Kinzer, chairman of the board and Jack Turner, secretary.

**EDWIN COX, of Greystone Farm, Fayette, Mo.,** sold Hampshire sheep on August 31. Rams averaged \$122 with a top of \$375. Ewes averaged \$90 with a top of \$140. A big crowd was present and several went to outstate buyers. A number of imported Hampshires were sold in this sale.

The **KANSAS STATE POLAND CHINA** breeders are holding their sale this year in Salina, October 11. The morning of the sale there will be a judging contest for 4-H Club members and F. F. A. members. Cash prizes of \$50 are to be given to the young folks in this contest. There will be 40 head of choice Poland China hogs offered in this auction.

The **KANSAS HAMPSHIRE BREEDERS' ASSOCIATION** sale in Hutchinson during the Kansas State Fair, averaged \$97.50 on the 30 head offered. R. E. Bergsten, of Randolph, paid the top of \$360 for a fall gilt, O'Glory Susan, consigned by the O'Bryan Ranch, of Hiattville. The top boar in the offering was purchased by Gordon Gassaway, Webster Groves, Mo., for \$160.

**HARRY W. LONG, regular advertiser in Kansas Farmer,** changes copy and says all of the fine Duroc bred gilts have gone out to new homes, spring pigs are doing well, and feed grains promise to stimulate the breeding of hogs as never before. Mr. Long is an old-time breeder. His father before him was a Duroc breeder. Harry Long's address is Ellsworth.

**DALE SCHEEL, proprietor of the Ethyledale Hampshire Farm, at Emporia,** is a persistent advertiser in Kansas Farmer. Because his time and energy are taken up with the business of breeding and marketing better type Hampshires, his letters are few. But his friends know of the progress he has made over the years. This has taken long hours of hard work and intelligent application.

The **CENTRAL MISSOURI HAMPSHIRE** sheep sale, Fayette, Mo., on August 30 averaged \$53.50 on 76 head. Sixty-one ewes, all ages, averaged \$44. Fifteen rams averaged \$91.76. Top ram \$155. Top ewe \$77.50. The average on the rams was satisfactory but buyers were conservative in bids made on the ewes. Top ewe sold for \$77.50. Dalmer Clark, of Bunceton, Mo., consigned the top ram and top ewe.

**THE UPHAUS** Holstein dispersion, Concordia, Mo., September 3, attracted bidders and buyers from a wide area. More than 100 head of all ages were sold. All were grade Holstein except 2 head. The entire offering averaged almost \$250. Two grade cows reached the \$500 figure. The mature animals that were in production sold readily around the \$400 mark, but heifers just bred, as well as open heifers and heifer calves, were in strong demand. Bert Powell, Topeka, and Harry Glasscock, Waverly, Mo., were the auctioneers. Donald Bowman, Hamilton, Mo., was the sale manager.

The **E. L. WALKER** Milking Shorthorn sale, held on the farm at Fowler, drew a fair size crowd notwithstanding the busy season of year. Forty-nine head were sold at an exceptionally good average considering the fact there were only about 10 head of mature cattle in the sale. Twelve head were under 60 days old and 25 head under one year. Walter Striebel, of Hennessey, Okla., topped the bull sale at \$430. Ted Grey, of Edmond, Okla., took the top female at \$1,200. An average of \$350 was made on the entire offering. The weather was fine. Art McAnarney was the auctioneer.

**The Holstein Sale--'Kick Off'**

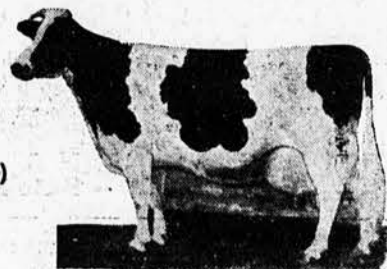
Kansas State Fair Grounds  
**Hutchinson, Kan.**

**Tuesday, October 19**

**Howard J. Carey (Hastago Farms)**

**Complete dispersal and Roy Hopkins & Son (Dondell Farm)—Semi-dispersal**

**80 HEAD — REGISTERED HOLSTEINS — 80 HEAD**



**Mr. Carey has sold his Abbyville Farm, and the herd must sell in its entirety**

Mr. Carey has developed a working herd under average farm conditions. That is his method. The herd is in its 13th year of continuous test in H. I. R. The 1947 herd average was 403 lbs. fat per cow.

The herd has been classified 6 times. Two Excellent cows have received their rating in the Hastago herd. Some of their daughters and grand daughters are in the herd.

The classification score on the herd last fall under S. B. Hall, 80.5. Every animal in the herd except 2 are calfhood vaccinated.

**Mr. Hopkins is cutting the herd down to his size, since his son, "Don," and daughter, "Doris," are in college.**

Many of the tops will be selling with this drastic cut in the size of the herd. Every animal born since October, 1914, has been calfhood vaccinated. The herd has 4 years of production records, with a high of 808 lbs. fat on the dam of Dondell Heersche Prospect Mike—the service sire on many of the females.

Some of the calves selling and service sire on some of cows is Quin-Lynn Smoky Dean Harmony, son of Quin-Dale Dean Thynma Harmony. (Very Good) State fair grand champion and dam of 1 (Excellent) daughter.

Another sire whose offspring are real is a son of Heersches Excellent "Lizzie" cow.

Many of the younger cows are daughters of "Onabank Snowflake Triune," a son of the Schultz "Snowflake" cow with 658 fat 2 X.

These herds represent production—type—herd health—good cow families and good herd background.

An opportunity to buy cows in production—nearly 40 of them. Calves, heifers and future herd sires.

Watch the October 2 issue Kansas Farmer for more details, and send for your catalog to T. H. McVay, Nickerson, Kansas.

Auctioneer: Bert Powell  
Mike Wilson with Kansas Farmer

**Look, Watch and Wait**

*Big District*

**Milking Shorthorn Sale**



**Salina, Kan., Friday, November 5**

**45 TOPS from 20 Herds**

**12 BULLS—35 FEMALES (various ages) best of breeding.**

**GORDON JANSEN, Bushton, Kan., and M. H. PETERSON, Junction City, Kan. (Sale Managers)**

Auct.: Gus Heldebrecht  
Jesse R. Johnson with Kansas Farmer  
(See next issue of Kansas Farmer)

**Kansas State Hereford Hog Breeders Sale**

State Fairgrounds

**Hutchinson, Kan., October 20**

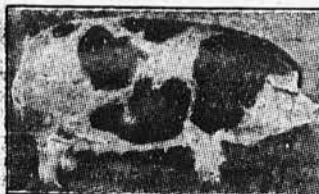
**40 Open Gilts — 20 Choice Boars that have been selected from the leading herds in Kansas.**

In this offering popular bloodlines will be represented such as "Riverside Chief," "Jack Booster" and "Prize Goods."

For information and catalog contact  
**MILT HAAG, Sale Manager, Holton, Kansas**



**Mention Kansas Farmer When Writing Advertisers**



**Plan to Attend the John Buckles & Hereman Ideker SPOTTED POLAND BOAR AND GILT SALE**  
**Tues., Oct. 12, Mound City, Mo.**

**70 HEAD—40 Spring Boars, 35 Spring Gilts**

This offering is sired by such boars as Royal Prince 326133 by Hi Scorer and from dams sired by Ring-Master and Improver. The Buckles offering carries these bloodlines. Mr. Ideker's offering is sired by King of Missouri 323747 who was sired by Broadway and by Silver Bomber 228837, and from dams sired by Ideker Choice. A fine offering—All choicera immuned. Write for free catalog to

**J. A. BUCKLES, Mound City, Mo.**  
Auctioneer: Col. Fred Goodchild

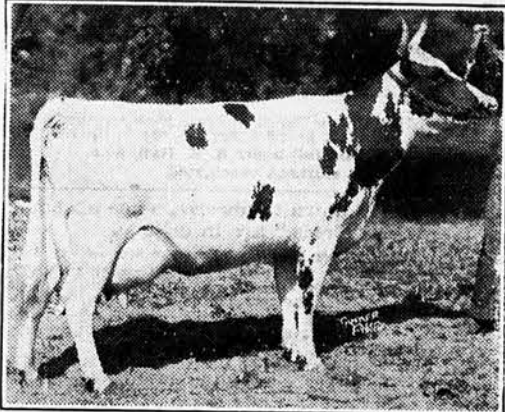
# Kansas Ayrshire Production Sale

Sponsored by the Kansas Ayrshire Club.

Hutchinson, Kan., Friday, November 5

7 P. M. — State Fair Grounds

Come in the afternoon and inspect the cattle.  
Lunch will be served from 5 until 7 in the sales pavilion.

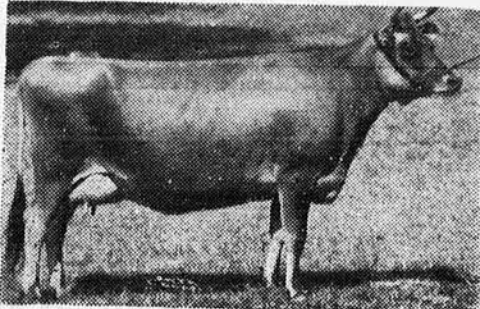


This is the first sale of required production and type records ever held in the Midwest, and the New York Production Sale is the only one anywhere with similar requirements. Approximately 50 head will sell, and the list includes 3 or 4 bulls from 5 months up to breeding age. A number of young cows, many of them due soon. Some milking, bred heifers most of them to calve this winter. A few open heifers and about a dozen choice bred heifer calves. Quite a number of heifers from cows with records over 500 pounds fat. Every female in the sale must also have record ancestry. If she is a cow that has completed a lactation, she must have at least produced 8,500 pounds of milk and 360 pounds fat, 2 X milking. If she is a heifer her dam must have produced a minimum of 8,500 pounds of milk and 360 pounds fat. And in addition every cow must have classified Good Plus or better. And the dams of all heifers must have as high a rating. This will be an offering of very select cattle.

G. FRED WILLIAMS, Sale Manager, Hutchinson, Kansas  
Auctioneer: C. C. McGennis Mike Wilson for Kansas Farmer

# Complete Dispersal Sale of Registered Jerseys

150 Head --- Saturday, October 23



OUR NELLY "EXCELLENT"  
Grand champion cow Missouri and Iowa State Fair 1948.

10 A. M.  
Including  
HERD BULLS  
SHOW HERD  
BROOD COWS  
HEIFERS  
CALVES

Classified and Tested  
One of America's  
Great Herds

Sale at Farm 1 mile north of town on U. S. 65

Write for catalog to GEORGE COOPER, Manager

RALPH L. SMITH JERSEYS, Chillicothe, Mo.

Auctioneers: Tom McCord and Tony Thornton  
Donald Bowman with this Publication



## COMPLETE JERSEY CATTLE DISPERSAL SALE

on farm 3 miles north of

Augusta, Kan., Tuesday, October 12

20 REGISTERED JERSEYS

15 Head practically purebred but not eligible to record. A high quality, richly bred offering. Good type and sired by such bulls as Rachel's Masterson 430322, an Excellent Superior sire. Others rich in the blood of Zantra of Oz 39696, Seven Star Superior Sire.

For catalog address

J. LEROY YOUNG, Augusta, Kansas

Auctioneer: Boyd Newcom

Jesse R. Johnson with Kansas Farmer

JACK KUCHERA, of Munden, Republic county, was a very fortunate exhibitor at the Belleville fair this year. He won grand champion honors in the junior division with his Aberdeen-Angus steer. The calf came from the herd of W. L. Morrison, well-known Angus breeder, of Linn. Jack is the oldest son of John Kuchera, who for many years has been cattle superintendent of the North Central Kansas Free Fair.

The AMERICAN SHORTHORN BREEDERS' ASSOCIATION announces the affiliation of Ted Aegerter, of Seward, Nebr., with its present staff of field representatives. His headquarters will be at Seward and his territory will be the extreme western sections of the United States. Ted is a brother of Mervin Aegerter, associate publisher of the American Shorthorn World. Ted has recently been connected with Gov. Sam McKelvie's Hereford ranch at Valentine, Nebr.

EARL MATTHEWS, of Detroit in Dickinson county, is a successful breeder of registered Hereford cattle. For several years he confined his efforts to breeding just polfs. Later he decided that more progress in polf Hereford development could be attained by infusing horned blood. This he did by the purchase of both bulls and cows with horns. Selecting choice, top individuals largely of Domino bloodlines he has made unusual progress and now has one of the good herds. He says good ones regardless of horns or the absence of horns will continue to be his motto.

MAURICE MELONE, prominent businessman and sheep breeder of Parsons, now has at his farm what is in all probability the highest-priced ram of the breed in Kansas. It is owned jointly by Mr. Melone and Mark Dempsey, a prominent sheep breeder of Missouri. It was purchased from Walter Renk, of Sun Prairie, Wisc., and the price paid was \$860. The ram is not only a very highly bred individual but has a long string of prizes to its credit, many of them won at the biggest shows in the entire country. This animal was the undefeated yearling ram of the breed in 1947.

The name, CLARENCE MILLER, is familiar in Kansas and many other states because so many Durocs have been farrowed and developed on Mr. Miller's farm at Alma. Clarence started breeding Durocs as a boy and has been a persistent Duroc improver ever since. Because he devotes practically all of his efforts to the business he loves, he is an extensive grower, and because of that has more good ones to choose from when making up a sale list. Two or three sales are held annually. And when it comes time for another herd book, it takes plenty of effort to find one good enough to follow in the footsteps of the noted Golden Fancy.

It is interesting to recall the names of men who early took up the business of growing purebred livestock. After making their decision of what breed of hogs or cattle they preferred they entered upon careers of activity that has in many instances far surpassed their greatest expectations.

Among the early herds of Durocs established were the G. M. SHEPHERD and BEN HOOK herds at Lyons and Silver Lake. It would be interesting to know the number of breeding animals that have gone out from these herds since they were founded. And each year the animals sold have shown improvement. This is one of the reasons more profitable market hogs are to be seen on Kansas farms.

The IRWIN KING family, at Linn, are general farmers and homemakers. But their specialty is growing and improving registered Milking Shorthorns. Linn is in Washington county, famous as a Holstein center. And, until a few years ago, most of the milk that went to the big co-operative creamery was supplied from Holsteins, that still is true but Milking Shorthorns now are bred, and milked on a half dozen Washington county farms and help to supply the co-operative. The King herd now numbers about 40 head with the herd bull, Major Chess Palmeno, in service. This bull has 17 Register of Merit dams. About 10 cows are in milk the year round on an average. Surplus stock is sold off each year thru state or district sales or sold out privately.

The RUSSELL McDANIEL & SON Milking Shorthorn dispersal sale, held at Walnut some time ago, was well attended by buyers from Kansas, Missouri and Oklahoma. E. E. Williams, of Willow Springs, Mo., was the heaviest buyer taking 6 head for a total price of \$1,905. Five head more went to another Missouri buyer at \$1,285. The top cow with a calf at foot sold for \$510. Seven bulls from baby calves to the aged sire sold for a total of \$1,820. The 24 females brought a total of \$7,435 for an average of \$310. The entire offering of 31 head averaged \$298.39. The cattle lacked flesh. No bull except the herd bull was over 7 months old. Roy Paul, of Broken Arrow, Okla., managed the sale and officiated as auctioneer. Bill Dixon interpreted the pedigrees, and Gus Heidebrecht, of Inman, assisted in the ring.

The NORTH CENTRAL KANSAS FREE FAIR, at Belleville, came to a close this year with some of the most outstanding records in its history. The exhibits were large in numbers and of better quality than in previous years. In the livestock divisions the animals were more highly fitted and presented in good show condition. The Agricultural displays were very outstanding. The years harvest has shown one of the best yields of all crops in several years.

The Belleville fair board members are justly proud of the progress in their new building program. Each year a new building has been added to the already well-equipped fair. This fair is the third largest in Kansas and is steadily growing. The North Central Kansas Free Fair has been capably managed for a number of years by Homer Alkire, Belleville, secretary of the fair.

### Dual-Purpose CATTLE

Reg. Milking Shorthorns

Bulls of breeding age from Classified and Tested Ancestry, priced from \$300.00 to \$500.00. Copy of pedigrees upon receipt of request.

THEIS COMPANY, Dodge City, Kansas

### SHEEP

Shropshire Yearling Rams

For Sale. Again we showed the Sweepstakes Ram over all breeds at the Nebraska Ram Sale. More at home like him.

D. V. SPOHN, Superior, Nebr.

### Dairy CATTLE

## KANSAS STATE GUERNSEY SALE

60 HEAD

At Kansas State Fair Grounds

Hutchinson, Kan.

Friday, October 15

15 Selected Open Heifers especially suited and recommended for 4-H and F. F. A. Projects

Bidders limited to Kansas 4-H and F. F. A. members. These consignments carefully selected from leading herds in Kansas, Oklahoma, Missouri, Nebraska, Iowa and Illinois.

Sale sponsored by KANSAS GUERNSEY BREEDERS' ASSN.  
Max Dickerson, Sales Manager  
Hiawatha, Kansas

### REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type. Popular Bloodlines.  
Ransom Farm, Homewood (Franklin Co.), Kan.

### AYRSHIRE BULL FOR SALE

Du-Ayr Red Man—Select pedigree, born Nov. 1, 1947. His 4 nearest dams on the dam's side have each made over 500 lbs. B. F. (actual). Two of these are "approved" and 100,000-lb. producers. He is sired by a son of Woodhull Sunny Tim (app.) and Princess Gertrude Lass with a record of 526 lbs. fat (actual).  
Also a few young cows and heifer calves for 4-H project. We invite your inspection.  
DU-AYR FARM, Corbin, Kansas

### AYRSHIRE DAIRY CATTLE

PERFECT UDDERS—IDEAL TYPE—BEST OF GRAZERS. Write for literature on names of breeders with heavy-producing 4% milk stock for sale. AYRSHIRE BREEDERS' ASSN., 260 Center Street, Brandon, Vermont.

### OFFERING BRED AND OPEN HOLSTEIN HEIFERS

6 two-year-old Holstein Bred Heifers.  
8 Yearling Holstein Heifers ready to breed.  
All purebred, but not registered.  
WHITE HALL DAIRY FARM  
Herington, Kansas

### WISCONSIN'S CHOICE HOLSTEIN CALVES

• Fine selection of beautiful Wisconsin Holstein heifer and bull calves. Fifty on hand at all times. Registered. Well started, no milk required.  
Send for Pictures and Price List.  
J. M. McFARLAND & Son  
Watertown, Wisconsin

### SMOKY VALLEY HOLSTEINS

Sons of Carnation Countryman and Kanstaool Madcap Monarch, out of Carnation Countryman dams for sale.  
W. G. BIRCHER & SONS, Ellsworth, Kan.

### BULL CALVES FOR SALE

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

### SHEEP

## W. F. RENK SALE

October 18, 1948  
Sun Prairie, Wisconsin

Hampshire and Shropshire bred ewes, bred to some of the most outstanding rams of the breeds.

For catalog write  
P. V. EWING, Jr., Sales Mgr.  
Columbia, Missouri

## V. P. Grubb Dispersal Sale

145 Reg. Hampshire Sheep  
Oak Grove, Mo.

During American Royal  
Wednesday, October 20

Sale to be at V. P. Grubb farm on hard surfaced road 1/2 mile south of Oak Grove, Missouri

Everything Sells!  
This flock represents 12 years of constructive efforts. Few flocks have a better rating among the breeders of the U. S. Everything sells—stud rams, ewes, lambs. This is a buyer's opportunity.  
Sale begins 12 Noon Central Standard Time  
For catalog or further information write  
ROLLO E. SINGLETON, Sales Manager  
Jefferson City, Missouri

**Beef CATTLE**

**AUCTION**

**50 Registered Herefords  
Shorthorns and  
Milking Shorthorns**

Sale held at the  
**Welty Brothers Sales Pavilion**

**Nevada, Mo., October 11**

The Sales Offering—Consigned by breeders from that area and sold in pasture condition. Popular bloodlines are represented. Bulls and females of 4 breeds are selling.

For sale catalog write to Sales Mgr.  
**Donald J. Bowman, Hamilton, Mo.**  
Aucts.: **Connie McGennis and Welty Brothers**



**Buy Missouri  
POLLED  
SHORTHORNS**

12 Missouri Breeders  
are consigning top  
cattle to

**THE MISSOURI STATE POLLED  
SHORTHORN SALE**

**Sedalia, Mo.—October 25**

51 LOTS SELLING  
20 BULLS and 31 FEMALES

High Class Breeding Stock Offered Missouri cattle have been consistent winners in the big shows. Catalog gives detailed information. We would like to send Kansas breeders and farmers a sale catalog. Write to Sec. E. J. F. Early, Lexington, Mo.  
**MO. POLLED SHORTHORN  
BREEDERS' ASSN.**

**Polled Shorthorns**

Bull Calves, 6 to 16 months old. Nice reds and roans, sired by Alpine Charmer and Royal Robin. Bred right, priced right. Come and see them.  
**Harry Bird & Sons, Albert, Kansas**

**SHORTHORN BULLS**

A nice string of Shorthorn bulls for sale, 14 months old, red and roan, farmers prices.  
**S. A. HILL, Smith Center, Kansas**

**REGISTERED SHORTHORNS**

Bulls — FEMALES — 4-H Calves  
**C. H. RALSTIN, Mullinville, Kan.**

**REGISTERED ANGUS  
CATTLE FOR SALE**

Offering choice breeding bulls, open and bred heifers and cows and calves. Choice breeding and top individuals. Can spare one or a car load. Inspection invited.  
**L. E. LAFLIN, Crab Orchard, Nebraska**

**REG. HEREFORD BULLS**

Hazlett and VHR Breeding  
12 big, rugged bulls from 12 to 14 months old.  
**WAITE BROS., Winfield, Kansas**

**FOR SALE  
POLLED HEREFORD BULLS**

8 to 20 months old. Also a few Heifers.  
**GEORGE L. RIFFELL & SON  
Hope, Kansas**

**AUCTIONEERS**



**HAROLD TONN**

Auctioneer and  
Complete  
Sales Service  
Write, phone or wire  
Haven, Kansas

**BERT POWELL**

AUCTIONEER  
LIVESTOCK AND REAL ESTATE  
1529 Plasse Avenue  
Topeka, Kan.

**Frank C. Mills, Auctioneer**  
Alden, Kansas

**Ross B. Schaulis, Auctioneer**  
Purebred Livestock, Real Estate and Farm  
Sales. Ask those for whom I have sold.  
CLAY CENTER, KANSAS

The MISSOURI HOLSTEIN BREEDERS sale, Columbia, Mo., September 10, averaged \$469 on more than 40 head. Grover Meyer, Basehor, bought the 2 high-selling females of the auction. Lot 2 was the sale top on females and she sold for \$1,000. She was a Clyde Hill Farm bred heifer and was a line-bred Rock River Hengerveld Al bred female. She was bred to Weber King Hester Burke Ormsby. Second top at \$800 was sired by Rock River Hengerveld Al and was bred to Clyde Hill Tidy Rock. Five head from this sale came to the Meyer herd and 2 head went to William Theno, Basehor. Top bull was also bred by Clyde Hill Farm and was purchased by Raphael H. Frank, Jefferson City, Mo. Five bulls averaged \$651. Seven head came to Kansas, 3 head went to Illinois buyers and the remainder of the offering stayed in Missouri. Glen Davis, Columbia, Mo., was the sale manager with Bert Powell as auctioneer.

A. J. "TONY" TURENSKY, an old-time breeder of Shorthorn cattle and formerly a breeder of Registered Duroc hogs, still owns and has added to the well-improved farm that he owned and where I attended public sales more than 40 years ago. He has improved his farm and raised a fine family of boys and girls. But time has dealt gently with him. He has lost none of his old-time vigor and earnestness for better livestock on Kansas farms. Several years ago Tony became interested in Milking Shorthorns and since that time has maintained a good herd. The farm is in a high state of cultivation and is improved to the best advantage for livestock, fenced hog tight and fully equipped with pens, yards, etc. But while feeds were so out of line with hog prices, hog breeding was dropped and at the moment there isn't a hog on the farm. The family apologized for this seeming uneconomic condition, no hogs with fields of growing corn that looked like 75 bushels to the acre.

KANSAS HOLSTEIN breeders were consignors to the OKLAHOMA HOLSTEIN BREEDERS SALE, at Eristow, on September 20. Forty-nine lots were sold and the average on this, the first Oklahoma state sale of the breed, was \$546.75 with a top of \$860.

Abram Thut, Clearwater, was the consignors of this top female. This January, 1947, heifer was sired by Mt. Joseph General Tidy and bred to calve in April, 1949, to service of Witherhune Zeus Victor Corpia. Robert W. Adams, of Oklahoma, was the buyer.

Wallace J. Beckner, Belle Plains, sold a 2-year-old heifer for \$750 and another for \$700. A second Thut heifer sold for \$700. Raymond Bollman, Edna, and Luther Shelter, Conway Springs, had cattle in the auction that sold well. R. C. Beezley also consigned to the sale.

Bert Powell was the auctioneer, assisted by Roy Pauli, of Broken Arrow, Okla. Raymond Appleman, fieldman for the National Holstein Association, commented on the pedigrees as the cattle were sold.

The SOUTHEASTERN COLORADO sheep and swine combination sale, held at Las Animas, Colo., during September, was one of the interesting events of the season. The 120 sheep and 20 head of hogs brought a total price of \$7,553.20. The sheep comprised the 3-breeds of Hampshires, Suffolks and Southdowns. And the swine quota was filled by Hampshires, Herefords and Durocs. The sale was attended by about 400 buyers and interested spectators. About two thirds of the offering was well fitted, while the remainder were in only fair flesh.

The sheep sold quite well but the hogs should have brought more money, according to Secretary T. W. Beede. But the detailed sale report tells a story that probably means more to farmers and others than higher prices. There were no sensational prices paid, and every animal stayed right out there in Southeast Colorado where they were sold. This means a better future and renewed interest in livestock, which spells prosperity for that great section with its grazing lands and ideal crop conditions.

Two MISSOURI HOLSTEIN sales, recently advertised in Kansas Farmer, give the trend of prices being paid for Holsteins, registered and grades in Missouri. The Milton Uphaus grade Holstein sale, Concordia, made an average of \$234.50 on 128 head. These were grade cattle with the exception of 2 head. Two grade cows in this sale reached the \$500 figure. A registered cow sold for \$450. Top 25 cows averaged \$386 and top 50 cows averaged \$357. A large number were heifers just bred and open heifers. Several grade bulls were sold, mostly too young for service, for an average of \$250.

The George D. Gates registered Holstein sale, Trenton, did not attract the crowd that attended the Uphaus sale. This sale, held on September 15, averaged \$267.75 on 52 head. Twenty-five cows, only a few in the offering fresh or near freshening, averaged \$356. Three top cows averaged \$445. Several head were very young which held down the average. Donald J. Bowman, Hamilton, Mo., was the sale manager, with Glenn G. Davis adding the pedigrees. Bert Powell was the auctioneer.

A good demand for registered and grade Holsteins made possible an average of \$325 on more than 40 head of all ages in the ELZA CALDWELL sale, at Garden City, August 31. Frank Huelsmann Jr., Oakley, paid \$650 for the sale top, a registered Holstein of desirable type and breeding. Top grade cow sold for \$415 and her calf sold for \$70. The cow and calf went to I. A. Pember, Ness City. Eight purebreds were sold for an average of \$425. C. H. Kirtley, Elizabeth, Colo., paid \$1,575 for 3 head. William Flipse, Oakley, bought 4 head for \$1,045. Virgil Whipple, Buler, paid \$1,125 for 4 head. Leo and Harold Kleystenber, Pierceville, paid \$300 for the herd bull.

If this sale is an indication of the trend of values for this fall, we would say good Holsteins will sell at strong prices. This applies to both grades and registered animals that are good. Buyers were on hand from all over Western Kansas to buy these cattle, and several left without being able to make purchases. Elmer Dawdy managed the sale with Bert Powell doing the selling. Local auctioneer and press representatives assisted in the ring.

**October 16**

**Will Be Our Next Issue**

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

**Saturday, October 9**

If your ad is late, send it in Special Delivery to 912 Kansas Ave.



**MERRYVALE FARM  
SHORTHORNS**

Will be dispersed at Auction  
at the farm

**Grandview, Missouri**  
"During American Royal Livestock Show Week"

**Wednesday, October 20**

1:00 P. M.

**TWO HERD BULLS**

**Catrossie Supreme and M F Goldfinder.** You may see the proof of their value by seeing the calves sired by them.

**8 Promising Young Herd Sire Prospects.** By the above sires and out of top cows.  
**55 Top Females.** Including 31 bred cows and heifers, 10 cows with calves at foot and 14 open heifers. You'll find 5 daughters of the Perth Champion Catrossie Prince Peter, several each by Supreme Goldfinder, Catrossie Mercury, Edelyn Champeon Mercury, Goldfinder Champion and other noted sires. 5 great imported cows and every cow a proven producer.

Such attractions as the champion, Princess Elizabeth, with her Upright and due to calve again by Pearl's Pride 6th, that many cat-

**M F GOLDFINDER**

Selected by Merryvale Farms as the greatest son of Supreme Goldfinder. He was champion bull at many U. S. and Canadian Shows in 1946. He is about as deep and thick as any bull you will find today, also just a 4-year-old and you'll like his calves you will see on sale day. One of them is about as good a prospect as you'll find.

daughter, M. F. Elizabeth, by the \$63,000.00 Pittodrie tiemen say couldn't be beaten this year.

This is the herd that has proved its worth in the Show Ring and in the breeding herd . . . the herd that represents 30 years of selective breeding.

Our entire herd of registered Shorthorns must be dispersed—our great herd sires—our foundation females, many with calves at side, and all our young bulls. Every animal is guaranteed a breeder and is producing and will be when you own them. We are proud of the show and sale record of our Shorthorns. Only because our other business interests require so much of our time, are these cattle offered for sale. There are several real show prospects that sell. The foundation animals that have produced our show winners and sale toppers all sell offerings of Registered Shorthorn cattle ever sold in the Middle West.

Dispersal Catalog on request. It tells all about this great offering—gives all necessary information to help you make the wisest choice of proven individuals to add to your herd . . . or start a new one.

Address—**MERVIN F. AEGERTER, Sale Mgr., Seward, Nebraska**  
Auctioneer: **Hamilton James**  
Attend the American Royal Livestock Show and see the Shorthorns judged on October 18 and 19 . . . then attend this sale the following day at nearby Merryvale Farms. **HOTEL PHILLIPS, Kansas City, Mo., Sale Headquarters.**

**Heart of America  
ABERDEEN-ANGUS FALL SALE**



**Kansas City, Mo., Tuesday, October 19**

Cattle to be shown for sale order in the American Royal Arena on October 17 at 9 A. M. Sale held in American Royal Sale Pavilion at 1 P. M., October 19.

**The Sale Consignment Consists of  
12 BULLS and 46 FEMALES**

Selected by Heart Of America fieldman and the sales committee, from the best herds of the Middle West. Families included in this sale are Juana Ericas, Maid of Bummers Miss Burgess, Bandy Maid Miss Burgess, Jill, Witch of Endor, Hartley Eline, Cridlan Evergreen, Evergreen Erica and many others.

Note—A heifer consigned by Francis J. and Alice B. Perrier of Eureka, Kansas, is being sold with the entire proceeds to go to the Kansas State College Memorial Chapel Fund.

Catalog for this sale may be had by writing to

**W. CLAY WOODS**  
Secretary  
912 Commerce Building  
Kansas City, Mo.

or  
**EDWARD F. MOODY**  
Field Representative  
736 South Kansas Ave.  
Olathe, Kan.

**KANSAS JERSEY BREEDERS'  
ASSOCIATION ANNUAL SALE**



**Manhattan, Kansas  
October 21  
50 HEAD**

Cows, Bred Heifers and Herd Bull Prospects. Selected from the leading herds in Kansas. For information and catalog write either

**George Smith, Highland, Kan., or  
Ted F. Fansher, 110th and State Line, Rt. 1, Kansas City, Mo.**  
Bert Powell—Auctioneer

**SATURDAY, OCTOBER 23  
Kansas Milking Shorthorn Breeders Sale**

At the Fair Grounds, Hutchinson, Kan. — Sale Starts at 1:00 P. M.

**36 FEMALES — 4 BULLS**

This sale includes a great collection of cows, bred and open heifers and herd-heading quality bulls. Positively the best collection of cows ever offered at a state sale, including 3 cows classified Excellent. 15 of the 18 cows offered have qualified for the Record of Merit. Most of the heifers are out of RM dams and the bulls are backed by good breeding and production.

ATTEND THIS SALE — YOUR GREATEST OPPORTUNITY  
A chance for the master breeder and an unusual opportunity for the beginner to buy foundation cattle.

For catalog, ready October 15, write  
**KANSAS MILKING SHORTHORN SOCIETY**  
C. O. Heidebrecht, Sec., Inman, Kansas  
Auctioneers: **Burritt Allen, Gus Heidebrecht, Art McAnaney**



# Lakeside Hereford Farm Dispersal

(Owned by Carey Salt Co.)

Thursday, October 28, at 1:00 P. M.

Sale to be held at Kansas State Fair Grounds

## Hutchinson, Kansas

13 BULLS — 48 FEMALES

25 of these cows are heavy springers or will have calved by sale day.

Ray Peters, Superintendent

Harold Tonn, Auctioneer and Sale Manager

Clerk: Mrs. Harold Tonn

Present herd sire. Most of the calves are by him. All the cows and heifers are bred to him.

### Anxiety Domino 51st, 4270143

Calved—Sept. 30, 1944  
Breeder—Foster Farms  
Address—Rexford, Kan.

Lot	Sex	Bull R-483			
			Beau Anxiety 4th, 2245232	Lady Domino 16th, 2047586	Foster Anxiety, 1081518 Creamette 23d, 1651829 Real Pr. Domino, 1689580 Miss Onward, 1810802
		Anxiety Brummel 16th, 3001643	Queen Domino 10th, 2061675	King Domino, 1780409	Prince Domino, 499611 Belle Domino 48th, 1212644
		Anxiety Domino 51st, 4270143	WHR R Dom. Sd., 1849069	Dufele Domino, 1390121	Pr. Domino, 499611 Dufele A, 666511
		Belle 37th, 2270006	Bertha F. Dom., 17th, 1649793	Pr. Domino C, 1365007	Pr. Domino 4th, 1480000 Lady Astor 41st, 1300218
				WHR Lady Dom., 32d, 1306816	Superior Dom., 8th, 733235 Lady Fairfax 5th, 809349
				Pr. Dom. Jr., 1344369	Prince Domino, 499611 Lorena Aster, 598313
				Mary C Rand 4th, 1247569	Cholee Randolph, 781872 Rose Dunham, 506517

### Beau Beauty 46th, 2567393

Former herd bull that most of the younger cows are sired by.

		Beau Beauty 46th, 2567393	Beau Promino 25th, 1939344	Promino, 1507289	Advance Misch., Dorana B.
			Imperial Lady, 2048751	Anxiety Lass 42d, 1529688	Foster Anxiety-Mabel's Beauty
				Imperial Dom., 1641933	Pr. Dom., 499611 Quivira 26th
				Maid Misch., 26th, 1762843	Stanway Misch., Cordella Girl

Due to many changes which have come about, the demands upon the management have been such that it is impossible to spend time or give the attention which a herd of this kind deserves. On this account a full dispersal is being held. In our offering you will find good foundation stock of any age. They are sound, healthy, presentable and not overly fitted. They have been on good grass all summer long, and are in just the right condition to go into your herd and make a showing for you.

HOWARD CAREY.

Two years ago Walter Lewis, of Larned, went thru this herd of 150 head and picked these cows that we are now selling as the top cows for Mr. Carey to keep for his breeding herd.  
Mike Wilson or Jesse R. Johnson for Kansas Farmer

## ELLIOTTS' Hereford Production Sale

On farm at

Detroit (Dickinson Co.), Kan.

Wednesday, October 27



### 54 HEAD — HORNED AND POLLED CATTLE

Featuring the bloodlines of PVF Advance Worth 10th, Anxiety, Colorado Domino and other proven sires.

2 Horned and 6 Polled Bulls, including PVF Advance Worth 10th, son of PVF Advance Worth 2nd.

10 Polled Heifers, 6 Polled Cows with calves at foot or soon to freshen.

16 Horned Cows—many ready to calve—15 Horned Heifers, bred to E. E. Advance O. Domino (winner in class at Dickinson county show).

Everything sells in nice breeding form with but little fitting. Nothing over 6 years old.

For Catalog Address

**EARL ELLIOTT & SON, Owners**  
Detroit, Kansas

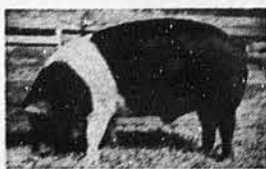
Auct.: Charles Corkle

Jesse R. Johnson with Kansas Farmer



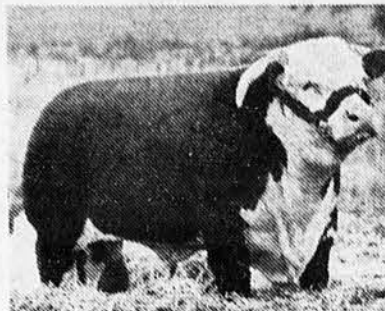
## BOAR & GILT SALE Oct. 9

We're offering 75 head of boars and open gilts which were selected from 800 spring pigs raised. They are sired by our champion boars and out of an all production tested sow herd. Write for information on animals at private treaty.



**O'BRYAN RANCH**

Write for our free catalog  
Hiattville, Kansas



FRC BOCALDO

25 BULLS  
35 FEMALES  
FRI., OCT. 15

Now you can acquire some of the sons and daughters of FRC Bocaldo, whose get is featured in our second annual sale. There will also be the smooth, thick sons and daughters of Romal Essar 22d and FRC Rupert Tone 9th.

## They're Top Notch!

The bulls are all of serviceable age. The heifers will be bred or ready to breed by sale time. About 12 will sell open. The bred heifers will carry the service of FRC Bocaldo, FRC Bocaldo 2d, and FRC Bocaldo 20th who are sons of FRC Bocaldo and our toppy junior herd sires.

Lunch at 12:00

A. W. Thompson, Auctioneer

Sale at 1:00

FRANK R. CONDELL

## Dellford Ranch

IVIE CARTER, Show Herd  
OLEN DANIEL, Cow Herd

EL DORADO, KAN.



## CK CALF SALE

Saturday, October 16

35 BULL CALVES — SELL — 35 HEIFER CALVES

Buy top cattle at an early age and at a bargain price and develop them as you want them.

Elvin Pritts, of Guide Rock, Nebr., writes:

"The bull calf, CK Competitor 65th, was champion at our fair. The judge said he had one of the best heads he had seen this year and had plenty of width and depth. The bull has real bone and is built low down which the cattlemen around here really like. The heifer calf, CK Caprice 38th, placed second in class. She is built square, low down and has an excellent top line. I am justly proud of both these calves."

Write for catalog

**CK RANCH, Brookville, Kan.**



## LAST CALL Clear Spring Farm Hereford Dispersal

Salina, Kan., Friday, October 8

70 Lots representative of the best strains known to the breed. Cows with calves at foot. Bred and Open Heifers, Young Bulls and 2 proven Herd Sires. Much CK RANCH breeding include 20 Calves sired by the great breeding bull CK CADEN selling in nice breeding form.

Sale at Salina Sale Pavilion (west edge of Salina).

Write quick for catalog or get one when you arrive at sale.

**John S. Rhodes, Tampa, Kansas**

Auct.: Freddie Chandler

Mike Wilson and Jesse R. Johnson with Kansas Farmer

# Complete Dispersal

OF 3 LEADING MISSOURI HEREFORD HERDS



Mr. Jones and the Grand Champion bull and female at the 1948 Missouri State Show and Sale. Both sired by Plus Lamplighter.

## ROLLA R. JONES

Extends a personal invitation to attend his

### REGISTERED HEREFORD DISPERSAL SALE

at the farm 2 1/2 miles west of Calhoun, Missouri  
(We are just a few miles southeast of Kansas City, Mo.)

**Monday Night, Oct. 25 at 6 P. M.**

#### A Complete Dispersion of a Renowned Herd That Has Produced So Many Champions Will Be Sold in a Night Sale

50 LOTS—75 HEAD SELLING which includes the great breeding bull Plus Lamplighter 3455126. He sired both Grand Champions pictured in this advertisement. 3 young herd bulls sell. One 2-year-old outstanding son of Plus Lamplighter, he stood 2nd in class at Ozark Empire Fair, Springfield, Mo., 1948, and 1st in class at Missouri State Fair, Sedalia, 1948. Super Domino D. 39th, a grandson of the renowned Larry Domino 50th. L V F Helmsman 44th, a grandson of the great WHR Proud Princeps 9th. Many choice cow and calf combinations sell. Many select bred and open heifers. Many show prospects here. This has been one of the top winning herds at Missouri State Show and Sales in recent years. Health—All Tb. and Bang's tested. Health papers furnished on every individual selling. For sale catalog write

ROLLA R. JONES, Calhoun, Mo., or  
DONALD J. BOWMAN, Hamilton, Mo.

Auct.: Guy Pettit, Bloomfield, Ia.

Donald Bowman representing the Kansas Farmer

## O. L. Thomas Reg. Hereford Complete Dispersion Sale



WHR PRINCEPS DOMINO 41st  
Plays a prominent part in this offering.

DONALD J. BOWMAN, Sales Mgr., Hamilton, Mo.  
MR. and MRS. O. L. THOMAS, Owners, Bolivar, Mo.

Auct.: Col. Guy Pettit, Bloomfield, Iowa

at farm 1 mile west of Bolivar, Mo., on highway 13 and 3 miles south on gravel road.

**Bolivar, Mo., Tues., Oct. 26, 1948**

Sale starts promptly at 1:00 P. M.  
Opportunity to Buy WHR Breeding at its Best at Prices you can afford to pay.

60 LOTS — 84 HEAD

2 Herd Bulls—Comprest Domino 1st—3963554, a grandson of the noted Comprest Prince. WHR Illustrious 32d—4158025, a grandson of the noted Star Domino 6th.

40 Cows (good ages) and 40 Calves. The calves sired by Comprest Domino 1st and one of his top sons.

3 Bred Cows.

8 Bred Heifers sired by Comprest Domino 1st and bred to WHR Illustrious 32d.

7 Open Heifers sired by Comprest Domino 1st.

Your chance to buy half-sisters of the champion and sale-topper Lady Comprest 1, champion sale heifer and top Hereford at Sacramento in February, 1947, out of cows by the champion and sale-topper WHR Princeps Domino 41st, bred to a top bull of the renowned Star Domino 6 and WHR Triumph Domino 6 cross.

All cattle tested for Tb. and Bang's. Individual health papers furnished. We want you to have one of our catalogs. Write at once to—

DONALD J. BOWMAN, Sales Mgr., Hamilton, Mo.

MR. and MRS. O. L. THOMAS, Owners, Bolivar, Mo.

Auct.: Col. Guy Pettit, Bloomfield, Iowa

## Darwood Sherriffs' Registered Hereford Dispersion Thursday, October 28, Anthonies Mill, Missouri



The D. S. Ranch has built up on of the finest Hereford herds in the Middle West.

### Listing of Sales Offering of 56 Head

1 Herd Bull—WHR Real Bright 2d—4505403.

24 Cows, 8 should calve by sale day, many more to this fall. All but 3 head are carrying the service of the herd bull which sells, WHR Real Bright 2d.

9 Bred Heifers, 7 of the 9 head carry the service of WHR Real Bright 2d.

7 Open Heifers sired by outstanding bulls.

5 Early Heifer Calves, mostly sired by WHR Real Bright 2d.

5 Coming Yearling Bulls and 5 Large Early Bull Calves all sired by WHR Real Bright 2d., WHR Helmsman 83d, Silver Anxiety 3d and EC Royal R Domino 43d.

Popular bloodlines—a winning herd in state, district and local show—herd established by purchasing the best and breeding them better. Health—Individual health certificates for every animal selling.

Many outstanding cow and calf combinations of this type sell sired by and bred to WHR Real Bright 2d.

Write for catalog to DONALD J. BOWMAN, Sales Manager, Hamilton, Mo.

Mr. and Mrs. Darwood Sherriffs, Owners, Anthonies Mill, Mo.

Auctioneer—Hamilton James, Newton, Ill.

## Kansas State Poland China Breeders' Assn. Annual Boar and Gilt Sale

At the Fair Grounds at

**Salina, Kan., October 11**

**40 HEAD  
20 Boars and 20 Gilts**



Selected from the following breeders' herds:

Harry Turner, Harper  
Paul Davidson, Simpson  
Floyd Brian & Son, Mulvane  
Herbert Schroeder, Walton  
Herbert Rindt, Herington  
J. J. Hartman & Son, Elmo  
K. C. Widler & Son, Burns

Gene Hayden, Clements  
C. R. Rowe & Son, Scranton  
Homer Alkire, Belleville  
J. M. Bolton & Son, Smith Center  
Joseph W. Dvorak, Marion  
Ray Saylor & Sons, Manhattan  
K. A. Brenner, Abilene

\$50 will be paid in prizes for the F. F. A. individual judging contest.

For information and catalog contact

RAY SAYLER, Secretary and Sale Manager, Manhattan, Kan.

Auctioneer: Mike Wilson

# Complete HEREFORD Dispersal



→ **HENRY HERRMANN & SONS** ←  
**Kinsley, Kansas — October 20, 1948**

Sale at Ranch—12 miles southeast of Jetmore, Kan. 28 miles northeast of Dodge City, Kan. 31 miles northwest of Kinsley, Kan. 12 miles north of Spearville, Kan.

Auctioneers: Freddie Chandler, Col. P. Sims Sale at 12 Noon, C. S. T.

## 460 Head of Reg. and Highgrade Commercial Cattle 107 Head Reg. Cattle—67 Lots—53 Females, 14 Bulls, 40 Calves

- 46 Registered Cows, from 2 to 8 years. These cows are bred to Battle Mischief 130th, by Battle Mischief 49th. We bought this bull from A. W. Harris & Sons, Harris, Mo. The cows are sired by Mischief Domino 10th, grandson of Battle Mischief 7th, Regulator Anxiety 43d (Mathews bred bull) and Real Prince D 52d, (Lappin bred bull). The cows were pasture exposed to the 130th from May 10 to August 20.
- 7 Open Heifers, 18 months of age, sired by Battle Mischief 130th.
- 12 Bulls, coming 2-year-olds, sired by Mischief Domino 10th.
- 2 Herd Bulls—Battle Mischief 130th, sired by Battle Mischief 49th, and Mischief Domino 10th, grandson of Battle Mischief 7th.
- 40 Calves, weaning age, sired by Battle Mischief 130th.

### Commercial Cattle

- 70 Grade Hereford Cows, 3 to 5 years of age, mostly sired by Reg. Anxiety 43d and Mischief Domino 10th.
- 60 Calves, out of above cows and sired by Real Silver Domino 10th and Domino Mabee, registered Hereford bulls. About 30 steer and 30 heifer calves. The steer calves are suitable for club calves and there are some very toppy heifers for club calves.
- 200 Heifers, pasture exposed to our registered bulls from June 20 to August 15. These heifers are coming 2-year-olds and are sired by registered bulls.
- 25 Holstein Cows and Heifers—15 Cows, some milking now, some to freshen by sale day. 10 Heifers, about 18 months of age, bred to calve in spring. These cows are suitable for nurse cows.

As this is a complete dispersal, we will also sell our farm machinery. Included in this will be a 1948 Dodge pickup, Gunnison Chute and other articles.

Machinery Sale Starts at 10:00 — Lunch will be served on grounds.

Address all requests for catalogs and other correspondence to

VIC ROTH, Sale Manager, Box 3, Hays, Kansas

Mike Wilson with Kansas Farmer



## The Midwest Polled Hereford Breeders Show and Sale

**Deshler, Nebraska — Saturday, October 23**

**30 BULLS — 20 FEMALES**

Show: 9:00 a. m.  
Sale: 12:30 p. m.

- Consignors:** PULLMAN STOCK FARM, Sidney, Iowa  
KENNETH KUHLMANN, North Platte, Nebr.  
FRED C. DUEY & SONS, Chester, Nebr.  
WREATH FARM, Manhattan, Kan.  
TEGTMEIER HEREFORD FARMS, Burchard, Nebr.  
LEO EBEL & SON, Wamego, Kan.  
FOY DOTY, Burchard, Nebr.  
D. A. CRAMER, Chester, Nebr.  
H. L. McNEEL, North Platte, Nebr.  
VANCE LINDAHL, Morrowville, Kan.  
L. H. & W. O. KUHLMANN, Chester, Nebr.  
ED VALEK & SON, Wayne, Kan.  
ALVIN MEYER, Chester, Nebr.  
Herb Mesloh, Deshler, Nebr.

14 Consignors from 3 States:  
IOWA  
NEBRASKA  
KANSAS

Elmer Riffel, Judge  
Hope, Kan.

Freddie Chandler,  
Auctioneer

Mike Wilson for  
Kansas Farmer

Write for catalogue to  
VERNON KUHLMANN, Manager, Deshler, Nebr.



## REGISTERED HEREFORD BULLS

**14 Huskies, 7 to 9 months old**

Health, Bang's and Blackleg Vaccinated. These bulls sired by WVHR Worthy Tone 5th and SHF Royal Model 7

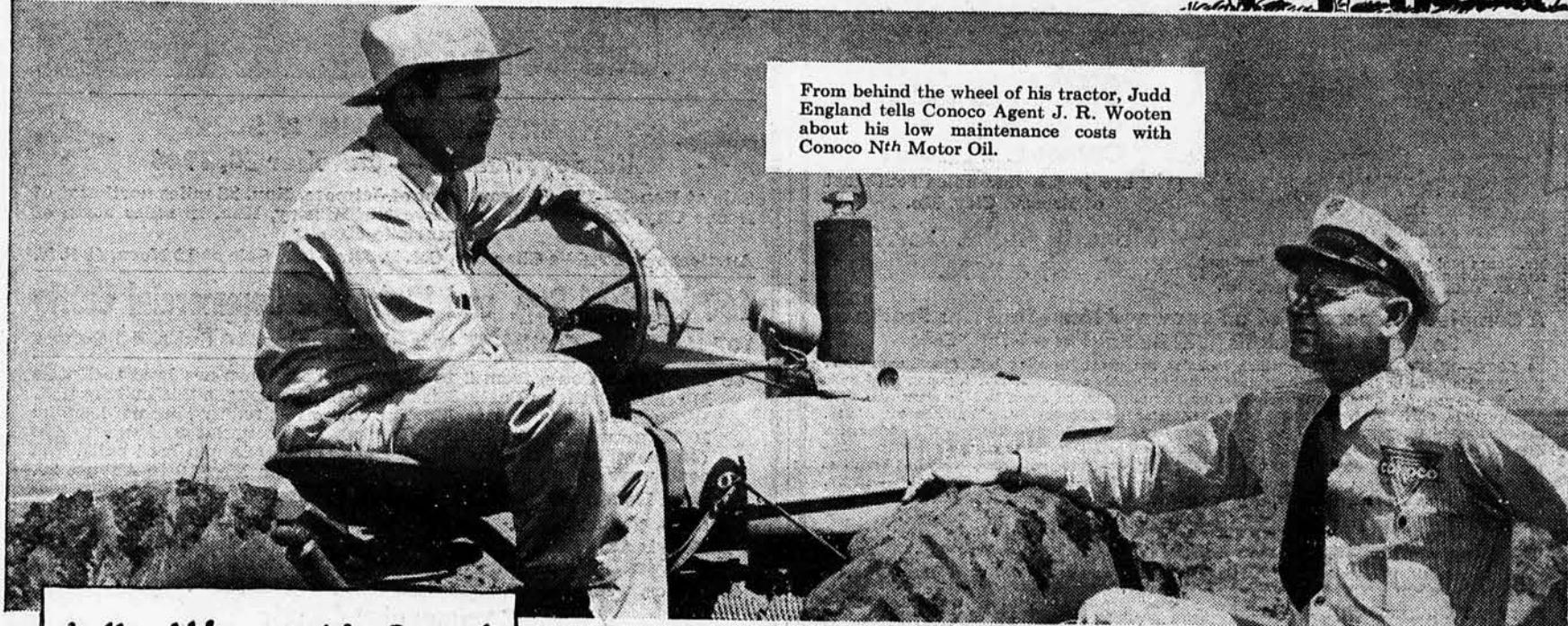
**LEFFINGWELL HEREFORD FARM**

E. Claire Leffingwell, Owner

Moline, Kansas



# The Tank Truck



From behind the wheel of his tractor, Judd England tells Conoco Agent J. R. Wooten about his low maintenance costs with Conoco N<sup>th</sup> Motor Oil.

## Jellied Vegetable Salad



... by Mrs. A. R. Hoffeditz, Bouton, Iowa

- |                                  |                               |
|----------------------------------|-------------------------------|
| 1 T. (1 pkg.) unflavored gelatin | 1 small onion, grated         |
| 1/4 cup cold water               | 1 cup crisp shredded cabbage  |
| 1 1/4 cups boiling water         | 2 T. chopped green peppers    |
| 1 t. salt                        | 1/2 cup cut carrots           |
| 1/2 cup sugar                    | 1 cup chopped celery          |
| 1/4 cup lemon juice              | 1/4 cup sliced stuffed olives |
| 1/4 cup vinegar                  |                               |

Soften gelatin in 1/4 cup cold water. Dissolve in 1 1/4 cups boiling water. Add salt, sugar, lemon juice and vinegar. Stir to dissolve sugar. Chill until partially set. Add remaining ingredients. Chill in oiled individual molds or shallow pan. Serves 6. Use your favorite salad dressing for topping.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Okla. Get a \$7.50 pair of genuine Wiss Pinking Shears for each recipe printed here with your name. If duplicates are received, the one to be published will be determined by Mrs. Wheeler. All recipes sent in become property of Continental Oil Co.

## FARM KITCHEN

## 35,000 Bales of Hay a Year!

Maybe it's the huge size of the state that does it! Anyway, they do things with sort of a flourish down in Texas . . . and Judd England, of Hillsboro, has that Texas flair.

He believes in buying the best equipment and keeping it in the best operating condition. *Naturally*, therefore, he has used Conoco Products 100 per cent for the past 9 years.

"If I could find a better motor oil, I would be using it in my tractors and other equipment," says Mr. England. "But I've tried them all, and Conoco N<sup>th</sup> oil has proved to me time and time again that it gives me the best protection."

Of course, as Mr. England knows, that's because a special *added* ingredient in N<sup>th</sup> oil fastens extra lubricant right to working parts,



Mr. England says that with N<sup>th</sup> on the job, he never worries about tractor breakdown.

actually OIL-PLATES an engine—protects from metal-eating combustion acids, and power-clogging sludge and carbon due to wear.

"I've owned 2 hay balers—a Case and an International," Mr. England continues. "I've seen the engines on my balers get so hot they looked like they would just blow up—but with N<sup>th</sup> in the crankcases, they kept on

going—and I baled between 30,000 and 35,000 bales of hay every year without one single stop for repairs. . . .

"I've owned 6 tractors in the last 9 years. My maintenance cost on all those tractors was so small I can't even remember what it amounted to. . . . I am a Conoco customer all along the line and I couldn't ask for better service from your Conoco Agent, J. R. Wooten."

## Land's Black...But Cost is Light!

"Anyone who knows about this black land of ours down here, knows just how hard it pulls on a tractor," says J. U. Taylor, Dawson, Texas, right, as he points out the heavy soil in one of his big fields, "I've seen plenty of my neighbors' tractors laboring along with an engine that isn't giving them its full power. And I always tell them to overhaul their tractors, switch to Conoco N<sup>th</sup> Motor Oil, and they'll never

use another oil." Mr. Taylor is proud that he sticks right to the lubrication recommendations for both his tractors. "That," he says, "plus N<sup>th</sup> motor oil . . . is the reason why I haven't had to pay a single repair bill . . . in the last 3 years. . . . Another reason why I trade with Conoco 100 per cent is the service I get from my Conoco Agent, I. J. Bigony, at Corsicana. . . . That kind of service sure means a lot."



## YOUR CONOCO AGENT



## "Lots of Long Hard Hours.."

Here, in his own words, is what another Nebraska farmer, left, says about Conoco Products: "Victor Asmus is my name and Lyman, Nebraska, is my address. I live in the North Platte Valley, just 6 miles east of Lyman. . . . I live on a 240-acre farm which is sandy loam. My main crops are sugar beets and beans with some alfalfa hay. . . . I have used Conoco greases in all of my farm machinery, combine,

beet topper, etc., and Conoco N<sup>th</sup> Motor Oil in my tractors. I find that using Conoco N<sup>th</sup> I get longer engine life and fewer repairs, and lots of long, hard hours for each crankcase fill. . . . I would recommend Conoco to everybody. Agent Ivan Brummett and Driver Dow Foland have kept me a satisfied customer by their promptness and the good care they have taken of me with their complete line of products."

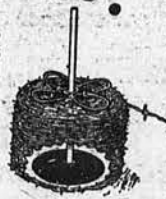
## Easy Loading Chute!



Mrs. Heber Moore, R.1, Severy, Kansas, says her husband got so disgusted trying to load hogs he thought up this one-man chute with the big swinging gate. Good for sheep, too!

## To Unroll Wire!

From Jesse Oakley, R. 3, Ogden, Utah, comes this handy way to unroll barbed wire. Lay a disc blade rounded side up, put the wire spool on top, and drive a stake through them into the ground.



## PRIZES FOR IDEAS!

Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine \$8 Henry Disston D-15 Hand Saw for every idea that's printed!