

# Kansas Farmer



DURING OCTOBER and November turkeys at Hill Top Turkey Farm and Hatchery, McPherson county, consume feed at the rate of 1 to 1½ tons daily. Here Clarence Schmidt, proprietor, is filling feeders.



DRESSING MORE than 2,000 turkeys a year for wholesale and retail trade is a big job on the Schmidt farm. Here Mrs. Schmidt and Grady Bolton are putting the finishing touches on some fine specimens.

CULTURE AND APPLIED  
SCIENCE  
1951  
TAN

## It's a Year-Round Turkey Business

... Every angle from hatching eggs to oven-ready birds is featured on this farm

THEY go "all the way" with turkeys at Hill Top Turkey Farm and Hatchery, in McPherson county. By "all the way" we mean Mr. and Mrs. Clarence Schmidt, proprietors, are in the turkey business from almost any angle you want to figure. A breeding flock of about 1,000 turkey hens is kept on the farm to supply eggs for the hatchery. "We don't buy any eggs from outside sources," says Mr. Schmidt. From their hatchery, they sell about 30,000 day-old poults a year. An additional 3,000 are kept on the farm to be grown out for market.

But the Schmidts are not just ordinary growers, because only about 500 of their 3,000 turkeys are sold as live birds. The rest are killed and processed on the farm under state inspection for both wholesale and retail trade.

When birds are being processed on the farm, things really hum. The flock is herded into a miniature



AFTER BEING run thru the automatic picker there are always the pinfeathers left. Mrs. Lowell Johnson, right, and Mrs. Herbert Dahlberg are just about thru with this one.



- Peak Feeding Success.....Page 6
- Flood Control Talk.....Page 10
- What Folks Want.....Page 27

MANHATTAN STATE COLLEGE  
MANHATTAN KANS  
GD100-K  
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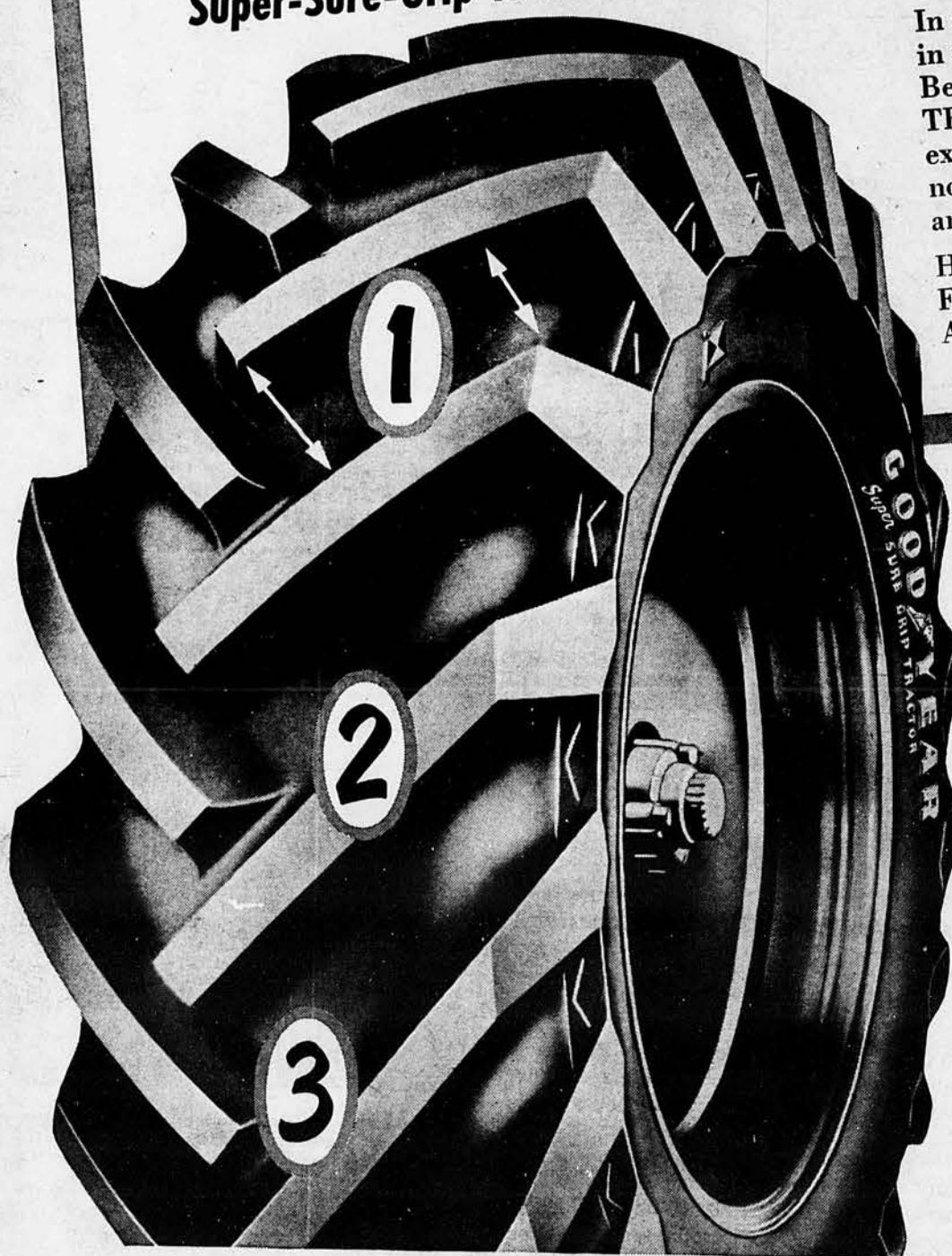


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Because Goodyear lugs are set straight, they have greater traction area than lugs that toe in. Result — Goodyear lugs thrust against the soil with equal force from center to shoulder, giving better traction backwards and forwards — "the greatest pull on earth!"

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Since Goodyear's Sure-Grip lug action holds the soil firmly in the ground, skid, slippage and abrasion are greatly reduced. Goodyear's famous O-P-E-N C-E-N-T-E-R self-cleaning lugs have no mud-catching hooks. The result is smoother riding, less slip, far longer life!

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## Senator Capper Honored by State Grange

FORMER SENATOR ARTHUR CAPPER was honored October 30 by the Kansas State Grange for his services to agriculture. A handsome black marble plaque, inscribed in letters of gold stated: "Honoring Senator Arthur Capper for Distinguished Services State and National and for his untiring efforts in behalf of Agriculture."

Officers and members of the executive committee of the Grange presented the plaque to Senator Capper at a

luncheon in his honor in Topeka. Ray Teagarden, La Cygne, master of the Grange, made the presentation.

Senator Capper replied with a brief speech, and paid special tribute to the late Albert S. Goss, master of the National Grange. The Senator has been a Grange member himself, in the Indian Creek Grange in Shawnee county for about 50 years. A discussion on how to improve Kansas agriculture followed the presentation.

## Milo as Main Grain For Turkeys Is Profitable

MILLO fed as the principle grain in turkey diets produced slightly smaller, but considerably cheaper, gains at prevailing prices than a mixture of 3 grains (milo, wheat and oats). That was one of the results of feeding trials reported at the 5th annual Turkey Feeders Day, held at the Garden City branch Kansas Agricultural Experiment Station October 25.

Another feeding comparison made was animal protein versus plant protein and antibiotics. Slightly larger birds were produced with plant protein and antibiotics than when turkeys were fed animal protein, but it cost ¼-cent more per pound.

L. F. Payne, head of the Kansas State College poultry husbandry department and a supervisor of the 1951 feeding trials, also reported on comparison tests with Bronze and Beltsville turkeys. Bronze turkeys (during

the period, 21 to 28 weeks old) restricted to grain and Sudan grass produced cheaper gains than Beltsville turkeys fed the restricted diet (21 to 24 weeks old). Bronze turkeys on full feed of mash and grain (from 1 to 28 weeks of age) weighed more than Bronze fed a restricted diet of grain, grass and water only (from 16 and 20 to 28 weeks of age). However, gains on the restricted diet cost 5 cents less per pound to produce.

Restricting the diet to grain and young grass range a few weeks before selling the turkeys materially lowers production costs. Also, it reduces the size of the market bird, but as reported at the meeting, "this may be an advantage as small birds are more in demand for family consumption."

Detailed results of the feeding trials may be obtained from the Kansas State College poultry department.

## Tell Best Way to Control Cattle Parasites

CONTROLLING external parasites of beef cattle was fully reported at the recent 1951 Field Day of the U. S. Southern Great Plains Field Station, Woodward, Okla. Studies have been conducted there since 1946 on parasite control.

DDT and Toxaphene gave excellent results in control of horn flies and were more effective than methoxychlor. Steers sprayed 4 times at monthly intervals during the summer, using a 0.5 per cent solution of DDT (8 pounds of 50 per cent wettable powder in 100 gallons of water), made 18 pounds more gain per head than untreated animals, as an average for the last 4 years. Annual average advantage of the treatment amounted to \$3.88 in net returns per steer.

### Controlling Grubs

Grubs or warbles were effectively controlled by pressure spraying each animal with one gallon of a solution containing 7½ pounds of 5 per cent rotenone per 100 gallons of water. Animals were sprayed 3 times each year at monthly intervals, starting November 30. The 4-year average advantage of the treatment was 5 pounds in gain and 80 cents in net returns per head.

It was reported an effective control program must be carried on diligently and simultaneously over a wide area by a large number of stockmen working

together. Grub larvae must be killed as they emerge so they won't mature into heel flies and start the grub process over, since heel flies can travel several miles.

Ear ticks were effectively controlled by a single fall treatment with a one per cent solution of BHC, prepared by adding one part of 20 per cent Lindane to 19 parts of oil.

Lice were controlled to best advantage by a single fall dipping in a concentration of 8 pounds of 50 per cent wettable DDT per 100 gallons of water. Two applications of rotenone (10 pounds of 5 per cent rotenone per 100 gallons of water) 3 weeks apart in early winter gave results comparable with those obtained from one thorough treatment with DDT. BHC also may be used to control lice by making one application of a mixture consisting of 6 pounds of 50 per cent wettable powder, containing 10 per cent gamma isomer, per 100 gallons of water. BHC is cheaper than DDT but has less residual benefits.

### Is It True?

Is it true that when leaves turn brown in fall, it's because "Jack Frost does it"? It's not a frost that does it, but only a signal that trees are dismantling their summer "factories" and preparing for winter, says Colorado A & M Extension service.

The tree's food factory slows down when weather gets cool. Plant food goes into the tree for winter storage, and material left in the leaves accounts for the yellow coloring.

As a tree grows, food is produced in millions of tiny leaf cells by small, green bodies called chloroplasts. Tree food is made out of carbon, hydrogen and oxygen from the air and water and minerals taken in by the roots. The green color in leaves is made by the chloroplasts.

The wide variety of colors in tree leaves in autumn results when there is more sugar in leaves than can be transferred back into the tree, and this excess sugar forms a chemical combination with waste substances in the leaves. So "Jack Frost" must take a back seat to a natural phenomenon when weather turns cold!

### Senator Capper on Radio

Every Sunday afternoon at 12:30 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

He's feeling his  
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SIZE

## KANSAS FARMER

Continuing Mail & Breeze

121-123 West 8th St.

Topeka, Kansas

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## We Had a Wonderful Trip Thanks to Mrs. Williams

Dear Editor: I have just written a letter to Mrs. Frances Williams thanking her for her interesting travel articles—I surely hope they will continue. In fact, she was the cause of us taking a trip of 5,500 miles thru the Northwest this summer. When we read of how they traveled, we decided we could do it too. We had feared excessive cost of meals and lodging was prohibitive—but we traveled 'gypsy' as she suggested, and had a wonderful trip.—Mrs. H. R. Stover, Sabetha, Kan.

*The editor borrowed the letter from Mrs. Stover to Mrs. Williams and it is printed here. We think it will be of interest to many others who "wish they could take trips."*—R. H. G.

My Dear Mrs. Williams: I want to thank you for the most entertaining articles you have been giving us in *Kansas Farmer*. But most of all for the trip you have given us.

Last spring my husband began to make plans to attend our church conference in San Jose, and we wanted to plan an economical trip. Then one day your article came in *Kansas Farmer*, telling how you made a bed in your car, and cooked out. That gave us the idea. I rushed out to measure our car (a

1941 club Chevy), and we had 6 feet of space!

We did something you didn't—took a three-quarter bed spring—with a thin mattress on top. We had to build up the frame around the spare tire. This made it all so high we had to raise the trunk lid at night to give us toe room. But it made a very comfortable bed, and on our trip we spent only \$4 for lodging, except for the week in a cabin at San Jose while in conference.

We drove west thru Colorado, Salt Lake, Yosemite, San Jose; north on 101 thru Oregon, Washington, Mt. Rainier, Crand Coulee, a glimpse of Canada, Spokane, Yellowstone and home, 5,500 miles. We ate only twice, in cafes—a breakfast in the Utah desert, and a meal at Fishermans' wharf, San Francisco.

What delightful memories we have of meals cooked by mountain streams, city parks, the Pacific, Yellowstone, and in Richardson's grove on the Redwood highway. The night we camped at Glacier Point, Yosemite Park, was a most thrilling experience.

I enjoyed your articles before, but since we made the trip they mean far more to me. Our food bill was scarcely more than it is at home, and we thank you for giving us the idea.

Where are you going next? We

## !!Coming, More Travel Articles . . .!!

Our traveling farm woman writer, Frances R. Williams, (Mrs. Frank), of Marshall county, dropped in the *Kansas Farmer* office the other day to talk about more travel articles. Outcome of our visit was she will write another series of stories for you, this time about the great West and Southwest.

But before these start Mrs. Williams will answer questions *Kansas Farmer* readers have asked her: How do you fix your car to sleep in? How do you cook your meals? How do you plan your trips? What clothes do you pack? What equipment do you take?

These and many other questions will be answered for you in detail by Mrs. Williams in the December 1, 1951, issue of *Kansas Farmer*. Watch for this article because you will want to save it for future reference when you take off on similar "Seeing America" trips.—Raymond H. Gilkeson, Editor.

missed the Black Hills—as time ran out and partly because several told us the road thru the Bighorn Mountains was "terrific." Did you find it so? We hope sometime to go from here.

Next spring our conference will be in Richmond, Va. And we wonder if the East would lend itself so readily to this type of traveling? Our oldest son will be graduating from medical school at Washington U. at St. Louis, about that time, so we have the travel bug.

I see in *Kansas Farmer* you live in Marshall county. That is in my husband's territory, as he visits the church called Richland Center, near Beattie, also a church in Washington. If your

house is thereabouts, I'd like to drop in and say hello sometime when we are passing.

Again may I thank you for the pleasure you've given us. Please continue. Have you been to New England? I dream of that.—Sincerely, Mrs. H. R. Stover.

## Letters From Our Readers

I ENJOYED flower articles by Mr. Payne. He says he had fun writing them, please tell him to keep on having fun.

You know we flower growers have more time in winter to read, ponder, clip and paste when we don't have so many bugs to shoot and weeds to wrestle with.

I am almost 70 but I learned much from his articles.—Mrs. Lucile M. McGuire, Pratt Co.

Please keep on with flower articles by Mr. Frank Payne.—Mrs. John H. Fahring, Geary Co.

We have enjoyed the flower articles so much. We started taking *Kansas Farmer* just recently. Would appreciate more flower articles.—Mrs. E. B. Reynolds, Anderson Co.

To me the flower talks are the best part of the paper. I have cut all out and hope there will be more.—Mrs. B. F. Spatz, Jewell Co.

Just a line to let you know I really enjoyed the flower series, written by Frank Payne, and wish he could continue his writings. I'm sure whatever he wrote about would be of interest. Hoping to see more of them in the near future, for I kept them all in a scrapbook.—Mrs. R. H. Lehman, Doniphan Co.

I hope you continue the write-ups of Frank Payne about flowers as I am quite a lover of flowers. I would like them to continue as I enjoy them a lot.—Mrs. Will Otto, Barton Co.

I want to tell you how much I enjoy *Kansas Farmer* and have taken it all thru the years. I have enjoyed the flower series written by Frank Payne. Hope he will be asked to write more flower articles in the future.—Mrs. R. N. Gooden, Greenwood Co.

I enjoyed very much Mrs. Frances Williams' travel articles. Would like more such articles.—R. C. Warren, Franklin Co.

## New Agent in Lyon County

Rolla Holland, Sedan farmer, is the new county agent in Lyon county, succeeding Luoy McDougal, who resigned to enter private business.

## Christmas Play

A pageant, requiring 7 characters, is very effective. Properties required are a Christmas tree strung with an electric cord with sockets. Each character carries a Christmas bulb marked with Christmas symbols, love, loyalty, etc. All is written in verse. Suitable for either young or old characters, for church, Sunday school, school or club. Write Entertainment Editor, *Kansas Farmer*, Topeka. Price 10c a copy.



Ben McCammon and his daughter Jane of Tecumseh, Kansas, admiring seed ears in their field producing Tomson Hybrids. Ben has been a contract grower for nine years, a dealer for 11 years, and Jane a top detasseler for several years. This picture was taken in the field shown above. Can you blame us for being more than a little proud of this long-time relationship.

## TOMSON HYBRID PRODUCTION FIELD — 1951

PICTURED above is a great 70 acre detassled field of a Tomson variety that yielded over 100 bushels per acre. This is only the first step of the superior production methods applied to each bag of seed. Believing that hybrid corn developed and produced in this area, and processed with the most modern machinery and methods available, would answer the corn growing needs of all Kansas farmers, Tomsons adapted hybrids are now processed in one of the most modern production plants in this area. In official Kansas corn tests during the past 3 years, Kansas grown hybrids have averaged approximately 5 bushels per acre more than other hybrids. For the best of adapted hybrids plant Tomson Hybrids.

Write for our new descriptive leaflet offering 10 yellow varieties and 2 white varieties, and summarizing several outstanding records made by Tomson Hybrids. Tomson Hybrid Seed Corn, Wakarusa, Kansas.

"All of our efforts are directed to one goal, producing, bagging, and selling the finest seed corn in the world. To produce seed corn that will make you, our valued customer, the greatest possible profit from a crop of corn. We give personal attention to every exacting step in the production of our seed. This past season we were favored by a large increase in sales.

"To those of you who have never planted our seed, we earnestly invite you to join the ranks of the thousands of satisfied users of Tomson Hybrids."

—Jim Tomson, Jr.



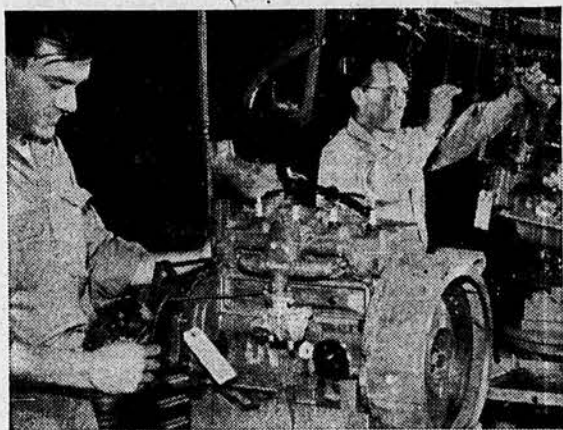
JIM TOMSON, JR.

PLANT DEPENDABLE

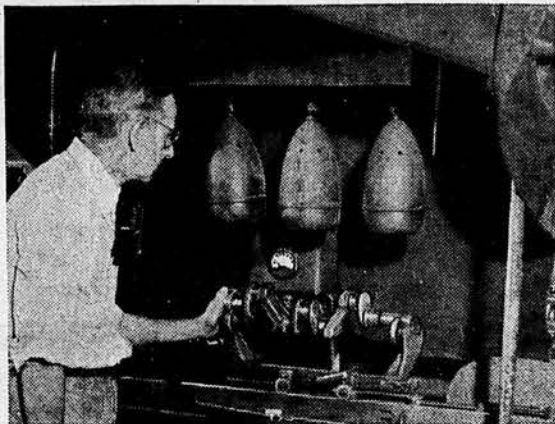
# TOMSON HYBRIDS



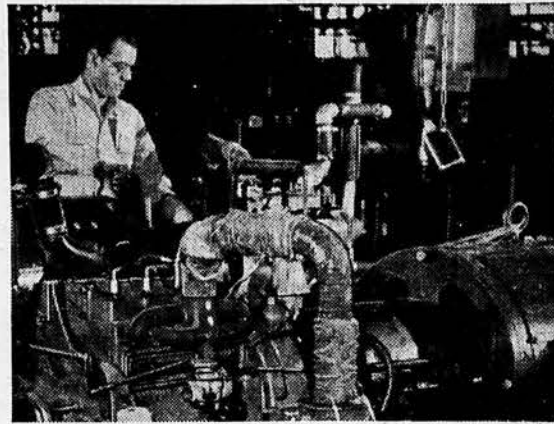
# Here's WHY you get more years of work from a McCormick Farmall®



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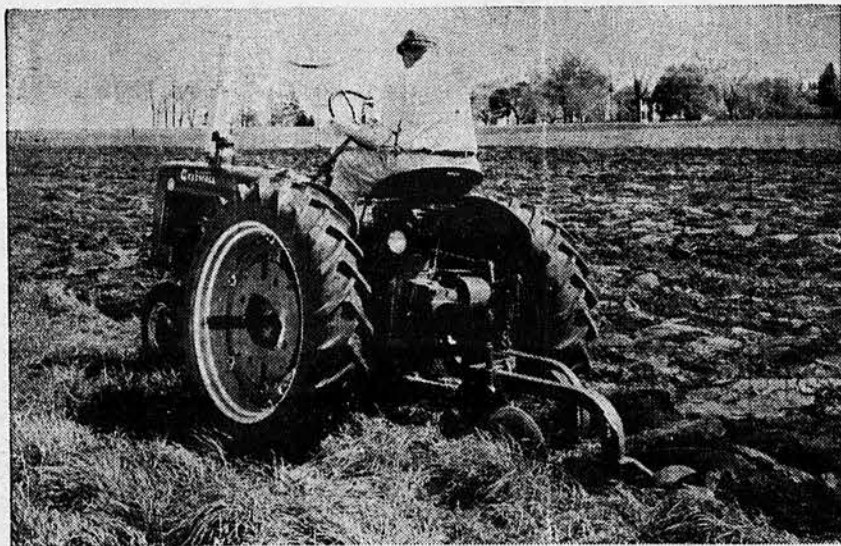


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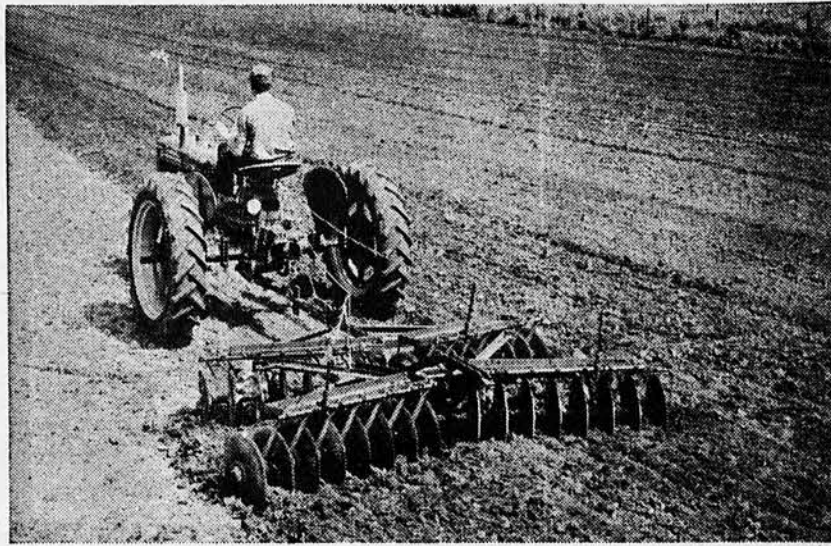


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HOW DEFERRED FEEDING got started around Whitewater is explained to George Vincent, center, new president of the Whitewater Chamber of Commerce, by L. E. Zimmerman, left, and A. D. Weber, right, charter members of the civic organization.



VETERAN CATTLEMAN G. A. Harder, right, listens as his son, Gerhard, explains their deferred feeding operations to a beef tour audience near Whitewater, in Butler county. Whitewater area has largest percentage of farmers in deferred feeding of any state area.

## Where Deferred Feeding Hit Peak Success

... In this area of 125 square miles  
you will find men who never have  
lost money handling cattle this way

By DICK MANN

NEARLY READY for market are these steers owned by Claassen Brothers, veteran deferred feeding specialists, near Whitewater. Picture was taken on the Herbert Claassen farm during this year's beef tour.

YOU can't talk very long about deferred feeding of beef cattle in Kansas without someone mentioning Whitewater. For it is around Whitewater, an area of about 125 square miles lying in Butler, Harvey and Sedgwick counties, that deferred feeding first got its start on a large scale in Kansas, and where farmers have brought the system to a peak of perfection.

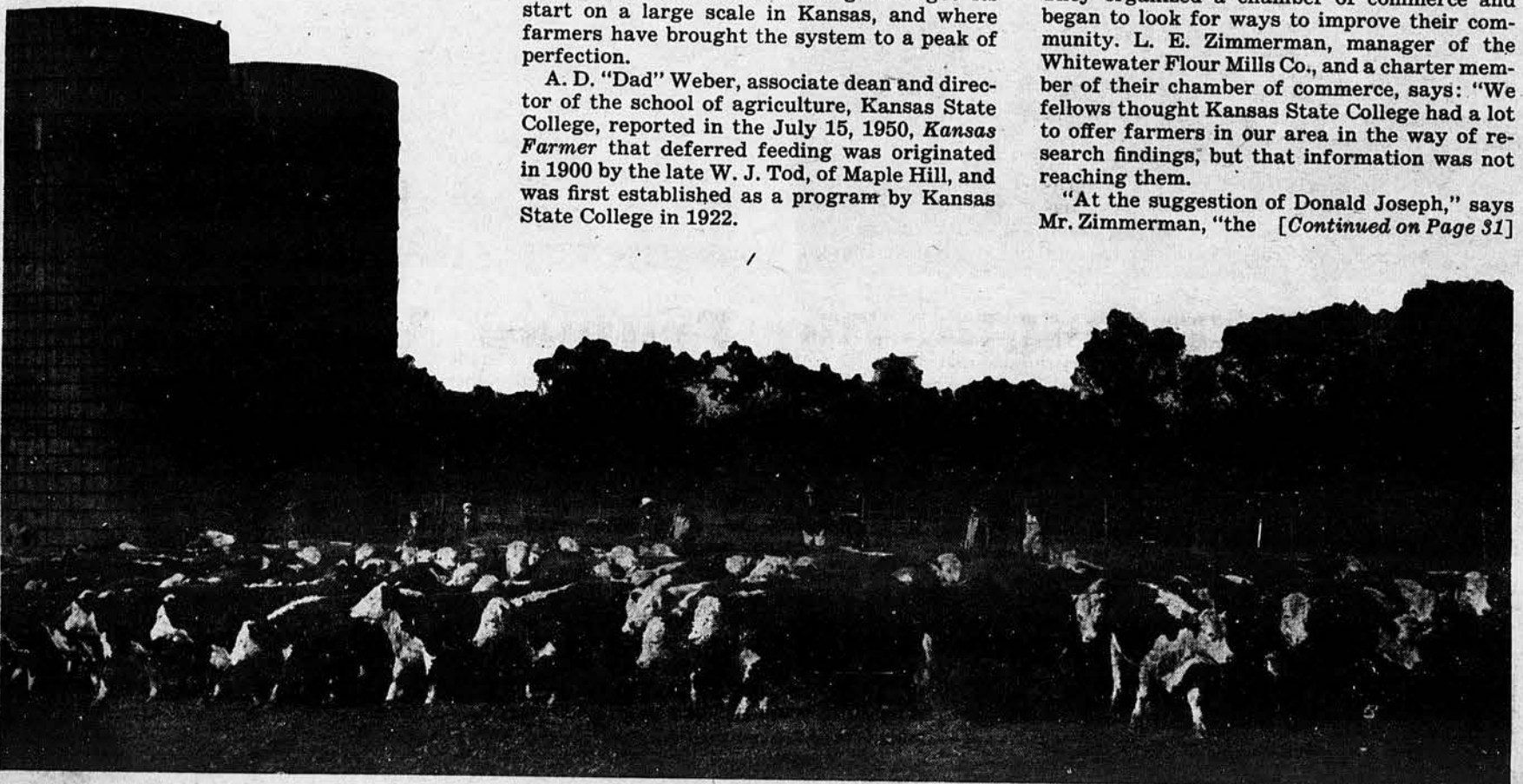
A. D. "Dad" Weber, associate dean and director of the school of agriculture, Kansas State College, reported in the July 15, 1950, *Kansas Farmer* that deferred feeding was originated in 1900 by the late W. J. Tod, of Maple Hill, and was first established as a program by Kansas State College in 1922.

GOOD-QUALITY calves, weighing from 400 to 450 pounds like these on the Alfred Regier farm, Whitewater, give best results in a deferred feeding program.

In those days folks often took a dim view of any program offered by the college.

But along in 1927 or 1928 a bunch of young college graduates got control of the various businesses in the little town of Whitewater. They organized a chamber of commerce and began to look for ways to improve their community. L. E. Zimmerman, manager of the Whitewater Flour Mills Co., and a charter member of their chamber of commerce, says: "We fellows thought Kansas State College had a lot to offer farmers in our area in the way of research findings, but that information was not reaching them."

"At the suggestion of Donald Joseph," says Mr. Zimmerman, "the [Continued on Page 31]"





# Farm Matters

## AS I SEE THEM

**M**ORE and more Americans are becoming disturbed—that is not a strong enough word—over the withering of ethical standards, particularly in public life, and of moral standards generally. Congressional committees are delving into the matter. What they have turned up tends to make Hercules' job of cleaning the Augean stables look simple. In the Greek mythology, Augeas, a king of Elis, just left the royal stables untouched for a number of years. The stench was terrific. He gave Hercules the job of cleaning them, or else. Hence the phrase, a Herculean task. But Hercules fooled them; he diverted the river Alpheus and Peneus thru the stables; cleaned them in a day by sweeping the masses of corruption downstream with cleansing waters.

There always have been some corrupt people in politics, in government, in business. But it seems today there is what might be termed a "mass corruption"—mink coats, deep freezes, expensive vacations "for free," peddling of influence by "5 percenters," government officials and employees resigning to take lucrative jobs with companies they have helped by loans or contracts, and so on.

Various explanations, as well as various remedies, have been suggested. One senate committee proposed a "code of ethics" for government personnel. I doubt whether that goes deep enough.

I am wondering to what extent the trend toward "big" government has affected moral attitudes and ethical behavior?

For one thing, big government means big spending; big spending calls for high taxes. Tax burden in the United States has risen from around \$80 per capita in 1927 to around \$360 per capita in 1951—and is going higher in 1952.

Tax rates, as the Guaranty Survey (Guaranty Trust Co., New York) points out, on top brackets of individual income are close to the point of confiscation. Normal corporate income tax (only a concealed form of sales tax) is 52 per cent for most corporations. Maximum aggregate normal, surtax and excess-profits tax on corporate income under the new law is 82 per cent.

"Temptation is strong to evade taxation at such rates," it is pointed out, "and it is not to be wondered that evasion sometimes crosses the line between legal and illegal. The pressure affects taxpayers and tax collectors alike."

Witness the scandals being turned up in the Internal Revenue Collector's bureau. And it looks as if more are coming.

Big spending brings with it abuses of many kinds. When one purchaser, federal government, buys 16 per cent or upward of the national product, there is bound to be a scramble to get government contracts and benefits. And

more and more business men—and pressure groups—are tempted and yield to the temptation to "buy influence" to get contracts, or to "exert pressures" to get benefits. A government operating, and spending money, on that scale, is pretty likely to operate in effect "pipe lines" from the public treasury to the voter, to the industrialist, to the business man, to the 17 million who get government checks of one kind or another. Each individual and every group feels the urgent need to use whatever influence can be brought to bear to "get his share."

The preaching of, the pushing for, the Welfare State in the past quarter-century has accentuated the trend toward buying influence and exerting group pressures. Seeing that whatever Government gives to John has to be taken from William, it is only natural that William will exert himself to share in the government plums, in pure self-protection.

The doctrine of the Welfare State, that what the "Haves" have ought to belong to the "Have Nots" and that such ownership can be transferred, and ought to be transferred, by use of governmental force, in the long run—and not a very long run at that, as evidenced in Britain and other places—will destroy the right of the individual to own property. That in turn will lessen, in time destroy, the incentives to produce and to save.

The way to cleanse our own Augean stables is to sweep out of them those who have, thru the big government and little individual theses of Socialism, corrupted our Government and threaten the corruption of the people, with a flood of clean, wholesome vote water.

### A Big Job Ahead

**I** LIKE to check up on agriculture's position frequently. Right now I find some interesting information in the Secretary of Agriculture's report to what they call the annual agricultural outlook conference, held down at Washington. On this occasion reports are made on current and probable future trends in income, acreage, yield, livestock numbers, prices, stocks on hand, domestic consumption and foreign trade; in short, anything that has any connection with the farming picture.

Judging from the Secretary's report, farmers will be called upon during 1952 for continued high production. In brief, here is the job farmers are expected to do:

"Produce enough to supply the Nation's growing military forces with food and growing defense industries with raw materials.

"Produce enough to supply with good diets

the 150 million people who make up the Nation's civilian population and, so far as possible, enough more to carry at the same time a safe margin of reserves.

"Produce enough to back up the Nation's foreign policy by enabling us to continue to share our food and fiber to the fullest possible extent under sound arrangements with friendly countries in need of help."

Now, I haven't any doubt in my mind farmers can produce enough to meet all of these demands as outlined by the Secretary of Agriculture. Let me add here that I hope the U. S. Government is very careful to see that only "sound arrangements" are made in giving away the foodstuffs you work so hard to produce.

I know farmers can produce all that is needed. One has only to look back over the last 8 or 10 years to be sure of this. Then take 1951 production, for example, as set out in the Secretary's report:

With 1951 season nearing an end, we know farmers have established a new production record.

Farmers are now gathering in one of the largest crop harvests ever realized in this country, a harvest which has been substantially exceeded in only one year, 1948.

Livestock production is at an all-time record level. This was achieved despite the fact the 1951 growing season was far from satisfactory in many areas.

Total farm production, whether measured in terms of total farm output, or in terms of the volume of agricultural production for sale and farm consumption is currently estimated at more than 40 per cent above the 1935-39 average and some 4 per cent above 1950.

With those official facts it is obvious agriculture is right on the job doing its patriotic job, fully, completely. And it is just as certain agriculture will do all it is called upon to do in 1952. And as I have indicated, I think it will be called upon to do plenty.

I don't think the war situation is any better. Feeling around for a truce hasn't done the U. S. any good so far; there may be a truce, but it will be a mighty uneasy one. And we are told in no uncertain terms the armament program will go right ahead, so will help to other countries. Therefore top production for agriculture is the logical conclusion. And Kansas farmers, along with fellow farmers in the other states, will meet this new challenge despite increase after increase in the tax burden and higher cost of operation. Agriculture never lets the Nation down.

*Arthur Capper*  
Topeka.

## Taxes Terrible, But Truman Asks More

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

**T**HIS is "tax-conscious" month in the United States. The tax calendar—November 1, federal individual income tax rates increased by 11 to 11½ per cent. Corporation taxes (concealed sales taxes) are upped from 38 per cent to 52 per cent for most corporations, retroactive. Excise taxes were increased on many items, some new ones added; a few (such as baby powder, barber and toilet preparations, 3½ per cent on sales of electrical energy), reduced.

Other federal dates on the tax calendar: November 10, employers who deposit withholding taxes the third quarter filed quarterly returns; November 15, employers withholding more than \$100 deposited income and Social Security taxes for October; November 19, securities dealers must earmark se-

curities held for investment, to be eligible for capital-gains treatment; November 30, manufacturers, retailers, others, pay excise taxes for October; gamblers, bookmakers pay \$33.34 occupation tax for part this fiscal year (annual tax, \$50).

Also in many states, owners of real and personal property got their tax notices; in most instances these were increased between 20 and 35 per cent—inflation has caught up, tax-wise, with states, counties, cities, and other taxing units.

And from the White House comes word that President Truman and his

budget makers are preparing to ask Congress next January for another new tax bill to raise an additional 4.4 billion to 5 billion dollars per year. Truman asked the first session of "his" 82nd Congress to hike taxes 10 billion a year; Congress only upped them an estimated 5.4 billion—and Harry Truman is almost as peeved at "his" Congress as he was at the art critic.

As Kiplinger Tax Letter puts it, A '52 tax bill is taking shape before the ink is dry on the '51 law.

Here is what Uncle Sam has done to you and your income (or wages) since the Korean "undeclared" war started: If your weekly income before Korea

was \$50, you would have to get \$52.67 now to meet increased federal income tax, \$58.15 to cover also living-cost rises, to keep your buying power at the pre-Korean level. That is for a single person, no dependents. A married couple, 2 dependents, would require \$55.81 to keep pre-Korean purchasing power.

If your weekly income was \$100, single person with no dependents would require \$106.67 to meet increase in federal income tax, \$118.04 to meet federal income tax increase plus higher living costs brought about by government spending policies. For the married couple, 2 dependents, the increased income needed to retain pre-Korean purchasing power is \$114.87—that includes \$3.52 a week increase in federal income tax.

If it is any comfort to you, the tycoon (Continued on Page 24)



Here's the farm building  
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## All-Steel Quonset Buildings Save Time and Labor... Increase Cash Value of Product

You can sell your crop when you want to—hold for the best markets—when you store it in a permanent durable Quonset.

For ear corn or for small grain storage, Quonsets are unrivalled... save on handling drudgery as mechanized harvesting equipment saves in the field.

Now... Quonset buildings can increase the cash value of your crop. Building loans are easily obtained. Your Quonset dealer can show you the dollars-and-cents benefits that make the Quonset line "America's Farm Building Favorite." See him or mail the coupon.

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CHANUTE, Guy Gromer Sales Co.,  
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CLAY CENTER, Frick Impl. Co.,  
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COFFEYVILLE, Bright Gas, Inc.,  
1302 Read  
COLBY, Northwest Distributing Co.  
EMPORIA, Emporia Ele. & Feeding Co.  
GREAT BEND, Perry Steel Bldg. Co.,  
320 Frey St.  
HUTCHINSON, Chas. A. Rayl Impl. Co.,  
19 West 2nd St.  
JETMORE, L. F. Wasko & Sons  
KANSAS CITY, Associated Steel Bldg. Co.,  
234 Brotherhood Bldg.  
LARNED, Twin Feed Mach. Co.

MANHATTAN, Kansas Inds. Products Co.,  
605 S. Juliette  
MEADE, Brannon's, 126 West Carthage  
MINNEAPOLIS, Hoover Impl. Co.,  
215 N. Sheridan  
NEKOMA, Frick Steel Bldg. Co.  
NORTONVILLE, Best-Way Steel Bldg. Co.  
OSBORNE, McCommon Tract. & Bldg. Co.  
PITTSBURG, Tri-State Bldg. Co.  
PRATT, Swisher Farm Service  
RUSSELL, William G. Boxberger  
SCOTT CITY, John S. Notestine Co.,  
N. Main & Santa Fe  
SYLVAN GROVE, E. A. Osterman Co.  
ULYSSES, Southwestern Steel Bldg. Co.  
WICHITA, Mid-Kansas Steel Bldg. Co.,  
317 East 16th St.

### THESE FARMERS TELL HOW QUONSETS PAY THEIR WAY

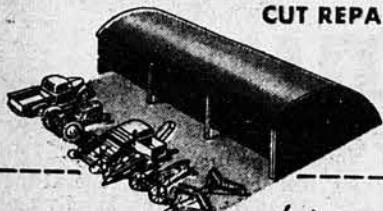


"My Quonset corn drying and storage building has paid for itself in three years' ownership."—Arlo Haymond, of Minburn, Iowa.



"My Quonsets have earned about half their cost in the past two years."—Arnold Ernst, of Wolvorton, Minn.

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## Thoughts TO LIVE BY

### On the Bottom of the Pile

AFTER a football game, two men were reviewing the play. "I wouldn't want that lad (speaking about a certain player) on my team," commented one of the men. "Why?" asked the other. "Because he is never on the bottom of the pile." This player didn't like to get dirty. He was afraid of hurting himself. He had no objection to being on top of the pile, but being on the bottom was another thing. And yet, the one who is on the bottom is generally the one who has spilled the interference and made the tackle. He plays for the honor and the victory of the team.

Many lessons we learn in athletics carry over into other realms of life. There are some people who never get dirty, and they never get hurt. They never come to grips with the power of evil in their community. They let others get under the community chest, the church budget. They are not the Boy Scout Masters or the committee members. Let someone else do the dirty work. When that spirit pervades a team, it always becomes a loser. When 11 men, on the other hand, vie with one another to get on the bottom of the pile, that team has the spirit that makes for victory.

Amos was a farmer who left his herds and his orchards to sound a

helpful warning in a neighboring state. He was opposed and ridiculed for what he tried to do. But he was willing to get on the bottom of the pile for the sake of his fellowmen. Many of the prophets were persecuted and executed—stoned, sawn asunder. But the succeeding generations built monuments to their memory, because these men were willing to get on the bottom of the pile.

And so it was with the Christian martyrs. Polycarp of Smyrna could have saved his life by merely denying his Lord, but with heroic spirit, this old man said, "Eighty and six years have I served Him and He has done me no wrong. How can I blaspheme my King who saved me?" And as the flames leaped about his body, he was heard to pray, "I thank Thee that Thou didst deem me worthy of this day and hour." He was on the bottom of the pile.

While this figure may never have been applied to Jesus, it is nevertheless true: He chose the bottom of the pile. And to the extent that His spirit pervades His disciples, His Church becomes a winning team. In this game of life, may it be said of you and me, "He was usually on the bottom of the pile."

—Larry Schwarz.

### Whooping Cough Still Dangerous

By CHARLES H. LERRIGO, M.D.

IS THIS whooping cough season? asks an inquirer, and I am bound to reply that winter and spring see an increase; but anytime is whooping cough time for a child who has not had it. It is a serious disease. There is no good age for a child to have whooping cough. But the worst age is in the first year of life, and anywhere in the first 5 years is bad.

Twice as many children die of whooping cough as die of scarlet fever. And of all deaths from whooping cough, 55 per cent occur in babies less than 1 year old, and 90 per cent are in babies less than 3. So, if your baby does not take whooping cough until school age he has a good chance to get well. If he escapes until he reaches adult life, the probability that it will be fatal is small; but he will have a hard time.

Be particularly careful to protect young babies from coughing people, whether children or adults. Whooping cough is a violent cough and sprays its germs of contagion far and wide.

It is quite possible for a child to have whooping cough without the whoop. Such cases are common enough. A distinguishing feature that always is present, however, is the fact that the cough comes in paroxysms, quite uncontrollable, and at fairly regular intervals.

There is a process of immunization that will give your children a certain degree of protection. It is not definitely dependable, as is vaccination against smallpox. You cannot rely wholly upon it. If a spread of contagion appears in your community, your child who has never had whooping cough must go to your doctor to see about a "booster shot." These things are important. And remember a babe of a few months old may be in danger, and those who suffer most are children under 3.

Is it a sure thing that insulin cures diabetes? Is diabetes contagious? Is it possible to have sugar in the urine and still not have diabetes?—S. R. G.

Insulin is not a cure for diabetes. It helps the patient digest his starches and sugars and for that reason is a wonderful remedy; but it is not a cure. I do not know of any positive cure for

diabetes altho some patients get well, presumably as a result of the pancreas regaining proper function by the aid of judicious diet. Diabetes is not contagious. It is quite possible to have sugar in the urine and yet not have diabetes. It is not at all uncommon to find a trace of sugar in urine after a meal of sweets and starches.

Do cocoa and chocolate contain a harmful drug as tea and coffee?—M. H. T.

Cocoa and chocolate are made from the seeds of cacao. It contains an alkaloid known as Theobromin which, used in excess, might have deleterious effects. However, it is very mild compared to the alkaloids of tea or coffee, and medical men in general feel quite free to recommend cocoa and chocolate for children; the more so because the beverage, properly made, uses a large amount of milk.

### Paraffin Uses

To mend leaky metal vases, I pour paraffin in them. A paraffin coating on inside of garbage can also is a good rust preventive.—Mrs. L.



"Perhaps the problem would be easier for you if I used fraternity pins instead."



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## Kansans Speak Mind On Flood Control

**K**ANSANS had a real chance to be heard on flood control when a subcommittee of the House of Representatives Committee on Agriculture met in Topeka and Colby recently. They heard "grass roots" testimony on what people of the Missouri basin want in way of an agricultural program to control soil and water resources.

Vast majority of 30 witnesses appearing at Topeka represented various watershed organizations. They spoke strongly in favor of soil conservation and small retention dams as the first step in flood control in the state. Altho the agricultural committee is powerless to intervene in other phases of flood control, there was a vigorous plea by most of the witnesses for fewer big dam projects, with statements as strong as that of J. A. Hawkinson, Randolph, of the Blue Valley Association, who said "In England they say 'God Save the King', but in Kansas we say 'May God and Congress save us from the Corps of Army Engineers'."

### Seek Opinions

Chief objective of the hearing was to get opinions on the proposed Missouri River Basin Agricultural Program, commonly known as the Young plan, and explained at the hearing by its author, Gladwin E. Young of the Department of Agriculture. Mr. Young described the vast problem faced in the basin which covers one sixth of the land area of the United States, and from which comes one fourth of the nation's food. Climate here varies from arid to humid, runoff ranges from 1 to

10 inches per acre annually and the problem of drouth control here is as important as that of flood control. The Pick-Sloan plan, which provides control only after the water has run off, will be effective only after our agricultural program gives control of watershed land, Mr. Young emphasized.

The Young plan would accelerate soil and water conservation for farms and ranches thru existing government agencies, to do in 30 years what would take a century at the present rate.

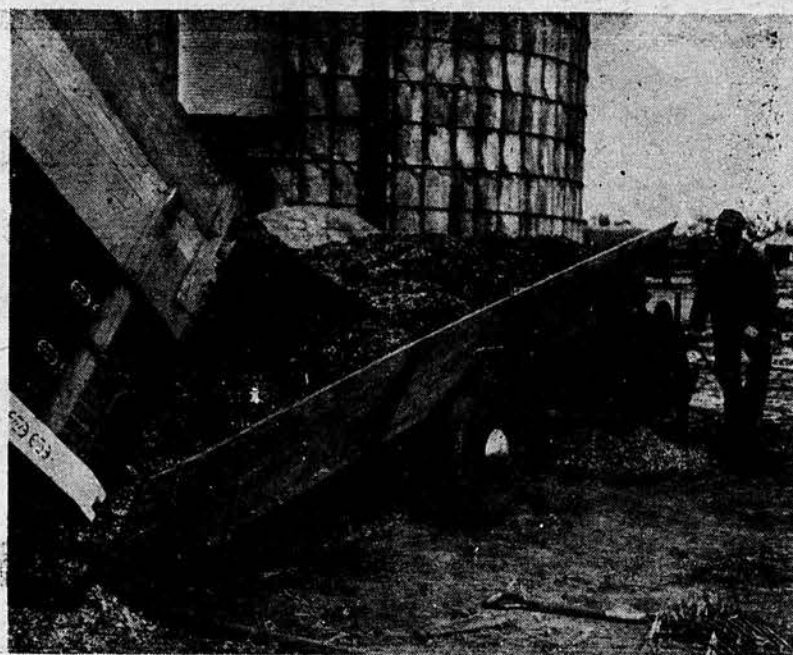
Members of the Congressional subcommittee attending the hearing were W. R. Poage of Texas, chairman; Clifford R. Hope, Garden City, vice-chairman, who presided; William S. Hill, Colorado; Harold O. Lovre, South Dakota. Representatives Albert M. Cole and Myron George of Kansas also attended the hearing. Other members of the committee are John L. McMillan, South Carolina; Carl Albert, Oklahoma; Harold A. Patten, Arizona; Paul C. Jones, Missouri; Charles B. Hoeven, Iowa.

### Favors Pick-Sloan

Dan O. Cain, president of the Perry Flood Control Association, spoke out strongly in favor of the big dams proposed by the Pick-Sloan plan, altho he agreed that all of these practices—soil conservation, retention and Pick-Sloan dams—are necessary to control floods.

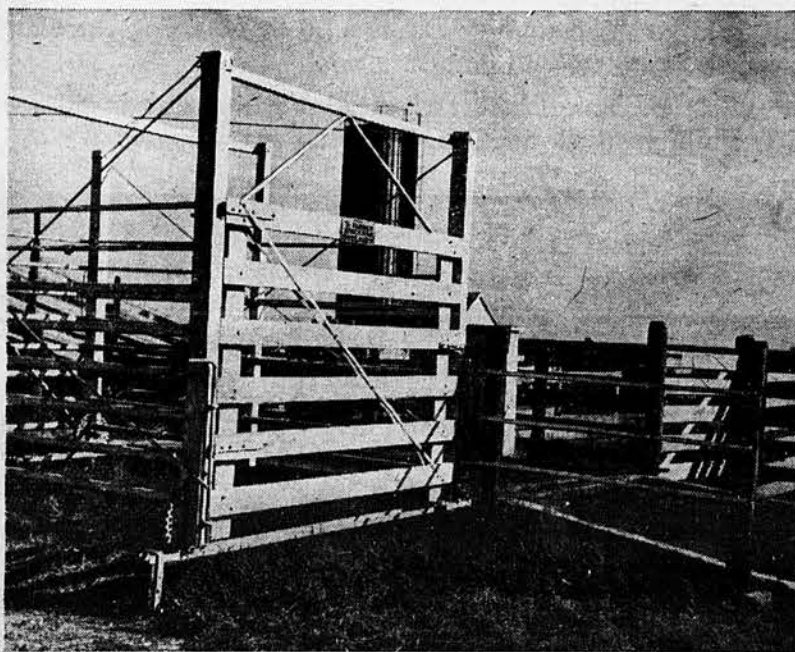
Last summer's flood, he contended, would have filled small reservoirs quickly and then rolled on downstream. Chairman Poage intervened at this point to say the farther downstream

## Speeds Up Silo Filling

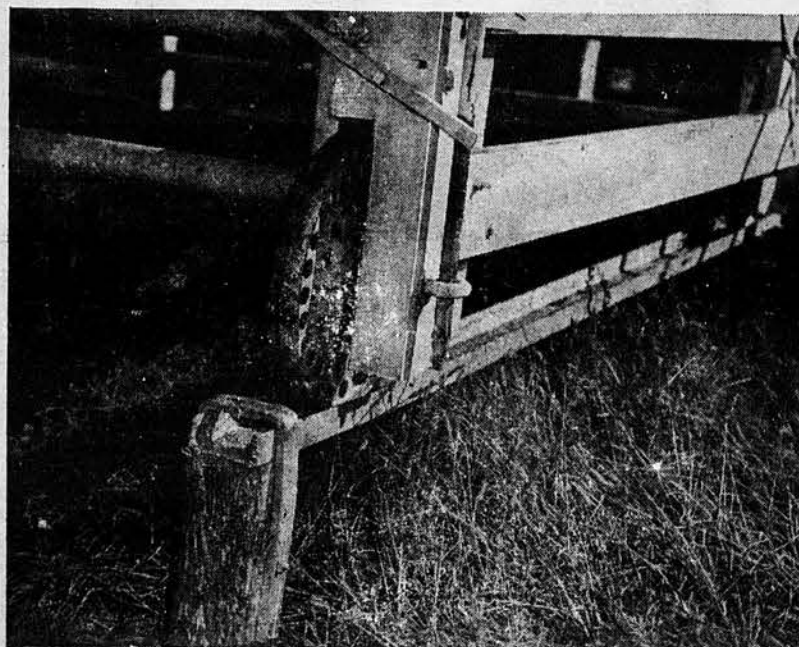


**WANT AN IDEA** that will help speed up silo filling. Claassen Brothers, White-water, use this extension feeder they call a "silage drag." It is tied into blower by means of chain gears. Both blower and drag are powered from a tractor. When truck unloads onto drag the driver can leave immediately for the field, while an operator at blower controls speed by which silage is fed into blower.

## Rack Rolls on Scales



**WEIGHING CATTLE** is easy with this rolling rack, used by Alfred Regier, of Butler county. When not in use, rack is rolled aside as shown here so scales can be used for other things.



**DRILL PRESS** wheels were used on rolling rack by Mr. Regier. Track is channel iron with one end bolted firmly to a post.

you put a dam, the fewer will be protected. Congressman Hill added, "If those small dams would be dangerous, then the big ones would be 10 times more so. If that big reservoir proposed on the Blue river ever went out, Kansas City would be washed down to the mouth of the Mississippi."

Dwight Payton, Overbrook, representing the Kansas-Nebraska Watershed council, called for maintenance and control of floods thru local watershed groups. Watershed dams, he said, conserve soil on the farm, secure the farm water supply, raise the farm water table and increase agricultural production. Then he swung at the big dam program saying these dams only protect 25 per cent of the area below them. He declared water could be impounded by the Department of Agriculture watershed program for a third as much as the Engineers program would cost.

I don't personally believe soil conservation can be a complete substitute for big dams, Congressman Hope said, but it certainly is the place to start.

Glen Stockwell, Blue Valley Association president, cited progress of soil conservation measures on farms in the basin and called for supplemental appropriations to speed up this work. Soil conservation on farms is being delayed as much as 1½ to 2 years now because of lack of trained Soil Conservation Service personnel.

### Endorses Young Plan

William Avery, Wakefield, representing the Kansas Watershed Association, said applications for Soil Conservation assistance in Kansas have increased 500 per cent since the end of World War II. He endorsed the Young plan entirely and called for expansion of the Soil Conservation service. Congressman Poage, in pointing out the problem faced by his committee, said a lot of big cities have created flood control problems with their publicity to get in on reservoir money.

Mr. Avery assured the committee 75 per cent of the farmers would support the plan. "That's an important answer," Congressman Hill said. "Remember, we have to sell this thing back East. Six states pay 56 per cent of the taxes and Kansas isn't one of them."

Governor Edward Arn, spoke to the committee and assembled group of 300 or more, emphasizing the need for getting the 3 federal agencies—Army Engineers, Soil Conservation Service and Bureau of Reclamation—to converge their ideas into a comprehensive plan and go down the same road.

Elaborating on this, Governor Val Peterson of Nebraska said, "When we have the Pick-Sloan Plan (of big dams) supplemented by the Young Plan (of soil conservation) then we will have a well-thought-out plan."

"Our first job," he said, "is to conserve our soil, second to stop all runoff possible, and third, to retain spring and fall floods by putting in these 105 big dams, the biggest undertaking of its kind in the world. We need these dams to generate electricity, provide irri-

gation, develop recreation, further navigation, assure water supplies, and flush sewage away from our cities.

"Soil conservation alone won't do the job. No reputable soil conservationist will say so. You can't control water without dams," the Nebraskan testified. He concluded by saying that in Nebraska on the North Platte "we have the oldest watershed program in the nation and it's paying off."

Noel Tweet of the Kansas City Chamber of Commerce testified, "4,300 Kansas City families are without homes as well as our industries. We need to get some plan started. Our people have attended thousands of meetings. They want action now."

Frank George, Lebo, cited success of experimental retention dams and said "estimated cost of 2 Pick-Sloan dams is 22 million dollars. Give us anything like that and we'll put retention dams all over the place."

### Describes Dry Ponds

A. J. Thomas, Silver Lake, described a system of dry ponds built by farmers in that area. These catch runoff, then allow water to drain thru 2-foot tubes into natural draws. They have handled as much as 6 inches of rain in 12 hours without a serious amount of water going over the spillways. The program worked fine until the Kaw river flooded out the project this year, he reported.

George Christopher, Bates county, Mo., farmer, was one of the few stressing the steadily increasing demand on the nations farms for more production. "Five thousand more breakfasts every morning have to come off the same acres, with our increasing population in this country," Mr. Christopher said in favoring soil conservation measures.

C. C. Kilker, Topeka Chamber of Commerce, said "We need and want control as soon as possible, we are opposed to the MVA, and we want complete soil and water conservation."

Both Dr. Harold Myers, of Kansas State College, and Dean John H. Longwell, of Missouri University, called for more economical use of appropriated funds, co-operation of government agencies and more research to determine best soil and water control means.

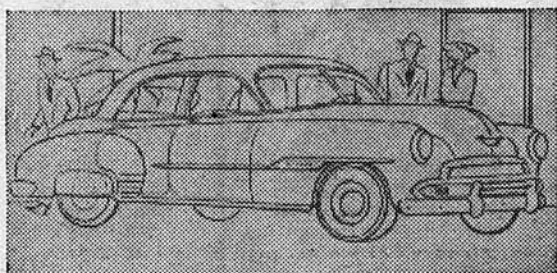
Rev. Guy Hartman, of Hiawatha, reported that 85 per cent of the people on the north end of the Delaware are ready to go with soil conservation measures to control floods. He also suggested that areas usually inundated should be zoned to stop settlers.

Other testimony during the 7-hour hearing at Topeka strongly favored the agricultural program and hit at big dam controls. Additional witnesses included: J. W. Farmer, Eureka; Ray Wagner, Ozawie; Milton R. Vogel, Topeka; Claude Brey, Ozawie; Haysler A. Poague, Clinton, Mo.; Charles Whitford, Nevada, Mo.; Mrs. Gaylord Johnson, Cleburne; William Edwards, Bigelow; Victor Hawkinson, Randolph; Raymond A. McConnell, Jr., Lincoln, Nebr.; Edith Monfort, Reading; John Redmond, Burlington; A. Harry Crane, Topeka.





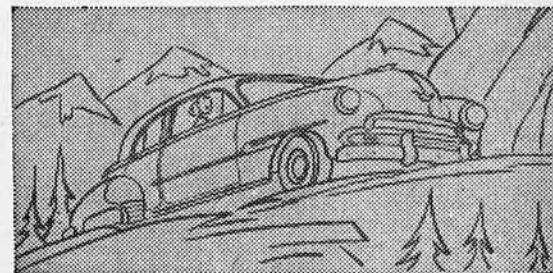
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## State Champion Awards Go to 15 4-H's

**A**N EXCITING, educational trip to Chicago to attend the annual national 4-H Club Congress! That's the award to 8 Kansas 4-H boys and girls who have been named state champion in a phase of project work. Seven more win gold watches.

The 1951 champions are: Merlin Moorman, Solomon, grass and legumes; Martin Lagasse, Ames, wheat; Carl Wingert, Dunlap, corn; Eugene Malir, Wilson, sorghum; Henrietta Cleaver, Colony, garden and potatoes; Betty Turner, Valley Center, general home economics; Beth Shafer, Silver Lake, canning; Erma Christiansen, Columbus, gardening; Bonnie Rae Hofman, St. George, sewing; Ruth Stinson, Ottawa, frozen foods; Carolyn Fields, Solomon, food preparation; Dick David, Peabody, tractor maintenance; Carol Rich, Valley Center, poultry; Don Clarke, Great Bend, home grounds beautification; and Jean Larson, Miltonvale, home improvement.

Of this group, those winning a trip to Chicago include Dick David, Erma Christiansen, Bonnie Rae Hofman, Jean Larson, Carol Rich, Betty Turner, Beth Shafer, and Carolyn Fields.

Dick Davis, 15-year-old 4-H'er in Marion county, worked out a team demonstration on "Servicing an Air Cleaner" that has been viewed by about 1,000 persons. He says his tractor maintenance activity has made him definitely a more valuable helper on the home farm.

Erma Christiansen, 17, of Cherokee county, has produced more than 5 tons of food in her garden during the 8 years she has carried the gardening project. She has canned, frozen or stored 95 per cent of the produce she has raised. A freshman at Wichita University this year, her parents have a 415-acre farm in Cherokee county.

### Home Economics Champion

Betty Turner, 18, of Sedgwick county, has been a member of the Sunnydale 4-H Club 9 years. She has completed 33 home economics projects, and has been county champion in clothing, room improvement and food preparation. She also has given several demonstrations on home economics project work.

Bonnie Rae Hofman, 17, of Riley county, has a record of 90 garments made. This year she was reserve state style revue champion at Kansas State Fair at Hutchinson. For 2 years she represented her county in this contest. She is a freshman at Kansas State College this year.

Ruth Stinson, 17, Franklin county, is 1951 frozen foods champion. Her activities included freezing 'coons for the Franklin county 'Coon Hunters Association.

Carolyn Fields, 18, of Dickinson county, state winner of the 4-H cherry pie baking contest last year, wins a second trip to Chicago this year as food preparation champion.

Carol Rich, 17, of Sedgwick county, is the second member of the Sunnydale 4-H Club to win a state championship! She has chosen poultry as a project for 5 of the 7 years she has been a member. For 4 years she produced the state champion laying flock. Her record includes being champion in breeding poultry which won her a trip to the 1949 American Royal. She was state champion news writer in 1950, and this year is a student at Ottawa University.

### Ames 4-H'er Is State Wheat Champ

Martin Lagasse, Ames, is Kansas state 4-H wheat champion this year. He had a wheat project of 2 fields of certified Pawnee and Wichita. Announcement of his title was made at the Kansas City Board of Trade luncheon at the 1951 American Royal in Kansas City.

### Two 4-H Crops Champs Named

Two state 4-H Club crops champions for 1951 are announced by the State 4-H Club office, Manhattan. Carl Wingert, Dunlap, is top project boy in corn production. Eugene Malir, Wilson, is state sorghum winner.

Carl Wingert grew K1784 on upland and K1639 on bottom land, clearing \$1,375 on 15 acres of K1784, and \$643.75 on 3 acres of bottom land with K1639.

His bottom-land corn followed oats and lespedeza and his upland corn followed oats. His corn seed was treated with Spurgon before planting. Carl also is county champion this year in general crops, corn, livestock and leadership.

Eugene Malir has carried the sorghum project 4 years. His choice of variety this year was Axtell, which he planted on 12 acres of bottom land. He harvested 120 tons and cleared \$293.50.

### Name 4-H Champ In Grass Project

Merlin Moorman, Solomon, is 1951 Kansas 4-H grass and legume champion. He earned his title by intelligent use of legumes and grass in feeding a beef herd he developed thru 4-H Club work.

His net profits for his alfalfa alone totaled \$1,679.93 for the 6 years from 1946 thru 1951. One year he had a record of 7 bushels of alfalfa seed to the acre. This year Merlin had 21 acres of alfalfa, all on bottom land. "I now have about \$755 worth of this year's hay on hand besides a final cutting," he says. He plans to keep about 450 bales for use and sell the rest. Next spring he will plant oats on spots that drowned out and then reseed alfalfa where needed next fall. Merlin thinks a lot of brome grass pasture for beef. In re-seeding a drowned-out field, he used 17 pounds of seed to the acre. Before planting he tested the soil for lime and phosphate.

### Name State 4-H Canning Champion

Beth Shafer, Shawnee county 4-H Club member, is the state winner in food preservation project for 1951. She is a member of the Silver Lake 4-H Club, and has been in club work 9 years. She receives a free trip to Chicago to attend the National 4-H Club Congress, November 24 to December 1.

Miss Shafer has carried 8 canning and 4 frozen foods projects in 9 years. This year she canned and froze more than 9,000 pounds of foods. She has been on 6 county judging teams and has given 4 demonstrations at fairs. For 3 years she has been county co-champion in frozen foods. One year she was county champion in clothing and one year, in food preservation. A senior in high school this year, she is in many other 4-H activities, particularly in the county band and chorus.

### National Honors Go to 3 Agents

Three county agents in Kansas have received national recognition and distinguished-service awards from the National County Agents Association. Named at the Association's recent annual meeting in Memphis, Tenn., were Laurence R. Daniels, Tribune; Harvey E. Goertz, Hiawatha, and Clarence A. Hollingsworth, Fort Scott.

To be honored, an agent must have been in county Extension work for at least 10 years and have done outstanding work in his county. The 3 Kansans honored are all Kansas State College graduates.

### Partridge Student Wins \$300 Award

Donald Love, senior agriculture student at Kansas State College from Partridge, is winner of a \$300 Borden scholarship. An animal husbandry student, he won the award for scholarship, but the winner also must have had 2 dairy courses in college and must be a senior. During his freshman year, he won freshman recognition for scholarship and has been on the dean's honor roll since. In addition to being active in campus organizations, he showed the champion Southdown sheep at the 1951 Little American Royal at Kansas State College, Manhattan.

### Santa Fe Gives New Awards

Members of 4-H Clubs will be offered 8 new college scholarships in 1952 by the Santa Fe Railway. Awards will be \$125 each, and lifts to 70 the number of educational awards to be made to 4-H members thruout the Santa Fe territory.

# YOU CAN HAVE A "HIRED HAND" IN YOUR FARM KITCHEN WITH Frigidaire

Yes, the Farm homemaker can have a full-time housemaid for pennies per day when she makes maximum use of Frigidaire's economical, dependable home appliances.

The Frigidaire refrigerator, electric range and home freezer (representative models shown below) teamed up with the Frigidaire Automatic Washer, dryer and ironer and the elec-

tric water heater and cabinet sinks—all these combine to give the Farm home the freedom and convenience of city dwelling, yet keep all of the good living that characterizes life on the farm.

Why not plan to make this a Frigidaire Christmas—with gifts that will lighten work and add comfort and convenience the year 'round?



This 8.2 cu. ft. refrigerator is roomy and priced popularly at only \$244.75.



The 30-inch automatic electric range with the largest home oven ever built is ideal for the farm home and priced at only \$222.75.



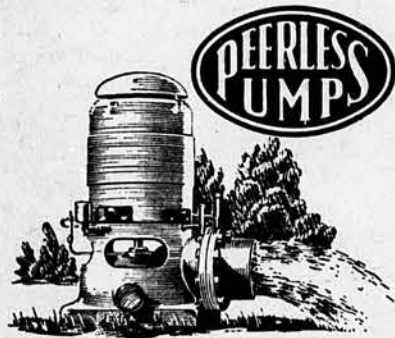
Here's the 9 cu. ft. Frigidaire Food Freezer (also available in 12 cu. ft. and 18 cu. ft.) which can soon pay for itself in economy. Only \$394.75.

## SEE FRIGIDAIRE APPLIANCES AT ANY OF THESE QUALITY DEALERS

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<b>ALMA</b> Hasenbank & LaMar	<b>EL DORADO</b> Home Appliances, Inc.	<b>LAKIN</b> Hart & Co.	<b>PEABODY</b> Baker Furn. Store
<b>ALTIMONT</b> Holmes Hdw. Co.	<b>ELKHART</b> Ellis Motor Service	<b>LARNED</b> A. A. Doerr Merc. Co.	<b>PHILLIPSBURG</b> Newell's Appl. Store
<b>ANTHONY</b> Wood Music Co.	<b>ELLIS</b> O'Loughlin Motor Co.	<b>LEBANON</b> Lebanon Electric	<b>PITTSBURG</b> Rockey's
<b>ARGONIA</b> Horton Furniture Co.	<b>ELLSWORTH</b> Mills & Gidden Furn.	<b>LEHIGH</b> Burkholder Lbr. Co.	<b>PLAINVILLE</b> Mosher Bros.
<b>ARKANSAS CITY</b> Wright-Burton Hdw.	<b>EMPORIA</b> Littke-Stephens Furn.	<b>LENOEA</b> Eldridge Electrical Co.	<b>PRAIRIE VIEW</b> Prinsen Bros. Hdw.
<b>ARLINGTON</b> Fay's Sundries & Appl.	<b>ERIE</b> Rogers' Hdw. & Furn.	<b>LEON</b> Losh Motor Co.	<b>PRATT</b> Link Electric
<b>ARMA</b> Bosinio Hdw. & Appl.	<b>ESKRIDGE</b> Willard Sales & Serv.	<b>LEOTI</b> Western Hdw. & Sup.	<b>PRETTY PRAIRIE</b> General Appliance Co.
<b>ASHLAND</b> Grimes Appliance Co.	<b>EUREKA</b> Burton's Furn. & Appl. Co.	<b>LIBERAL</b> Hettie Appl.	<b>QUINTER</b> Quinter Appl. Store
<b>ATTICA</b> K. E. Anthony Furn.	<b>FALL RIVER</b> Fall River Impl. Co.	<b>LINCOLN</b> B. G. Hall	<b>RILEY</b> Meyer Mercantile
<b>AUGUSTA</b> Coleman Gas Serv. Co.	<b>FLORENCE</b> Roberts Machinery Co.	<b>LINCOLNVILLE</b> Burkholder Lbr. Co.	<b>ROSE HILL</b> Cox Grocery and Locker System
<b>AXTELL</b> Both's Lock. & Ap. Co.	<b>FORT SCOTT</b> Darling & Maguire Sales Co.	<b>LINDSBURG</b> Billings Refrigeration & Elec. Appl.	<b>RUSSELL</b> Delnes Bros.
<b>BAXTER SPRINGS</b> Milo Chew Drug Co.	<b>FRANKFORD</b> Lauer Electric Shop	<b>LITTLE RIVER</b> Hodgson Impl. & Hdw.	<b>ST. FRANCIS</b> Reel's Electric
<b>BELLE PLAINE</b> Foster Refrig. & Appl.	<b>FREDONIA</b> Hollis Hardware Co.	<b>LYONS</b> Schneider's Furn. Co.	<b>ST. JOHN</b> Al's Electric Service
<b>BELLEVIEW</b> Fitch & Barth, Inc.	<b>GARDEN CITY</b> Mayo's	<b>MACKSVILLE</b> Ereitenbach Appl.	<b>ST. MARYS</b> Youngkamps Furn.
<b>BELOIT</b> Hiserote & Weir Appl.	<b>GLASSBORO</b> Cain Gas & Elec. Co.	<b>MADISON</b> Schottler's, Inc.	<b>SALINA</b> Goodhousekeepers Appl. Co.
<b>BENNINGTON</b> Powell Service	<b>GLASSBORO</b> E. W. Cramer Hdw.	<b>MANHATTAN</b> Kaup Furniture Co.	<b>SATANTA</b> Decker's
<b>BENTON</b> Moots Bros.	<b>GOODLAND</b> D & G Electric Co.	<b>MANKATO</b> Beam Motor Co.	<b>SCANDIA</b> Sanborn Lumber Co.
<b>BLUE RAPIDS</b> Brake's Furn. Store	<b>GREAT BEND</b> Mathers-Jaeger Appl.	<b>MARION</b> W. J. Haas Furn. & Ap.	<b>SCOTT CITY</b> Brady, Inc.
<b>BUCKLIN</b> Day Hardware Co.	<b>GREENEAF</b> Hogan & Sons	<b>MARYSVILLE</b> Fred Burris	<b>SEDAN</b> Ding Bell Chevrolet
<b>BUHLER</b> Kim, Elliott & Gard	<b>GREENSBURG</b> Culp Home & Auto	<b>MCPHERSON</b> Green's Appl. Store	<b>SHARON SPRINGS</b> C. E. Koons & Son
<b>BURDEN</b> Lewis Chevrolet Co.	<b>HALSTEAD</b> Mantel's Dept. Store	<b>MEADE</b> C. F. Workman Elec.	<b>SMITH CENTER</b> Simmons-Oliff
<b>BURNHAM</b> Lyons Supply Co.	<b>HANOVER</b> Leutloff Appl. & Elec. Co.	<b>MEDICINE LODGE</b> Diekey Appl. Co.	<b>SPEARVILLE</b> Heskamp Chev. Co.
<b>CALDWELL</b> Terwilliger Hardware	<b>HARPER</b> Jesse Hamilton	<b>MENTOR</b> Johnson's Hardware and Elevator	<b>STAFFORD</b> Fecock & Soles
<b>CANEY</b> Pendleton Chev. Co.	<b>HERINGTON</b> Fred Lee & Sons	<b>MILTONVALE</b> Phipps Furn. Store	<b>STOCKTON</b> Quenzer Appl. Co.
<b>CANAWA</b> Riley-Rhodes Ap. Co.	<b>HILL CITY</b> Quenzer Appl. & Hdw.	<b>MINNEAPOLIS</b> Hornor Hardware	<b>SYLVAN GROVE</b> F. A. Gatewood & Sons
<b>CEDAR VALE</b> Williams Motor Co.	<b>HILLSBORO</b> John Hiebert	<b>MOLINE</b> Boyer Gift & Appl. Co.	<b>SYRACUSE</b> Stewart Furniture
<b>CHANUTE</b> Naff & Bolze Hdw.	<b>HOISINGTON</b> Gelman Appl. Co.	<b>MORGANVILLE</b> Wili F. Taddiken	<b>TIMKEN</b> Timken Lumber Co.
<b>CHAPMAN</b> Sanborn Lumber Co.	<b>HOLYROOD</b> Westmacott Hdw. Co.	<b>MOUNDVILLE</b> Krehbiel Hdw. & Impl. Co., Inc.	<b>TRIBUNE</b> Western Hdw. & Motor Co.
<b>CHENEY</b> Cheney Farm Store	<b>HOPE</b> Wuthnow Furn. Co.	<b>MOUNT HOPE</b> Johnmeyer's	<b>TURON</b> Turon Electrical Sup.
<b>CHERRYVALE</b> Clark's Maytag Co.	<b>HOWARD</b> Virgil Munsinger	<b>MULVANE</b> The Electric Store	<b>ULYSSES</b> Johnson Service Co.
<b>CHETOFA</b> Blankenship Hardware	<b>HUTCHINSON</b> Graber Furniture Co.	<b>NASHVILLE</b> Stewart Motor Co.	<b>VALLEY CENTER</b> Central Supply
<b>CLAY CENTER</b> Marshall's, Inc.	<b>INDEPENDENCE</b> Self-Or, Inc.	<b>NATOMA</b> Polkman's Home Furn.	<b>WAKEENY</b> Clark Supply Co.
<b>CLIFTON</b> Beattie-Esslinger	<b>IOLA</b> Schell's Appl. Store	<b>NEODESHA</b> Kimball Electric Shop	<b>WAKARUSA</b> Sanborn Lbr. Co., Inc.
<b>CLYDE</b> A. Selfert Jewelry	<b>JEWELL</b> Lindas Hardware, Inc.	<b>NESS CITY</b> Schroyer's, Inc.	<b>WAMEGO</b> J. E. Stewart & Sons
<b>COFFEYVILLE</b> Southwestern Sales Co.	<b>JOHNSON</b> Johnson Service Co.	<b>NEWTON</b> The Appliance Mart	<b>WASHINGTON</b> Anderson Hardware
<b>COLBY</b> Mackay Appliance Co.	<b>JUNCTION CITY</b> Waters Appl. Store	<b>NORWICH</b> Horney's, Appl.	<b>WATERVILLE</b> Hensley Hdw. & Furn.
<b>COLDWATER</b> Rural Gas & Elec. Co., Inc.	<b>KENSINGTON</b> Simmons-Oliff	<b>OXFORD</b> Abildgaard Hdw. Co.	<b>WELLINGTON</b> Nichols Electric Co.
<b>COLUMBUS</b> Bennett Appliance Co.	<b>KINGMAN</b> Kingman Radio Shop	<b>PARSONS</b> Ellis Radio & Appl. Co.	<b>WESTMORLAND</b> Smith Cash Hdw.
<b>CONCORDIA</b> Culbertson Elec. Co.	<b>KINSLEY</b> Maytag Appliance Co.		<b>WICHITA</b> The Appl. Center, Inc.
<b>CONWAY SPRINGS</b> Lewis Pibg. & Appl.	<b>KIOWA</b> Fisher-Wood Hdw.		<b>WILSON</b> Weber Hardware
<b>COTTONWOOD FALLS</b> Hamm Electric Co.			<b>WINFIELD</b> Winfield Electric Co.
<b>COUNCIL GROVE</b> Bumsey & White			<b>YATES CENTER</b> J. C. Schnell
<b>DIGHTON</b> Mull Electric Service			
<b>DODGE CITY</b> Newkirk's			



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CAPACITIES: Up to 30,000 gpm  
LIFTS: From any practicable depth  
DRIVES: Electric, V- or flat belt or right angle gear drive  
LUBRICATION: Choice of oil or water lubricated types

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BEND TO ANY  
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REDI-BOLT is cold-drawn—20% stronger than ordinary steel. Precision threaded the full length. Special finish prevents rusting.

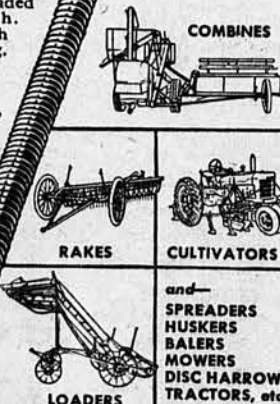
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1/4" 5/16" 3/8"

1/2" 5/8" 3/4"

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Here is a completely new repair and construction material for farm and home. REDI-BOLT has literally hundreds of uses—cut to size as straight bolts, or bent to various shapes after heating with a blow torch or stove flame.

Ask Your Hardware or Implement Dealer  
REDI-BOLT, DEPT. KAF, Box 6102, Chicago 80

## Warren Goes to Switzerland

(And Comes Safely Home Again)

Remember, Kansas Farmer promised to bring you letters from our 2 Kansas 4-H'ers who spent some time on European farms this year. Here is the ninth one from Warren Prawl, of Severance, who was in Switzerland.

DEAR MR. GILKESON: Amsterdam is a very clean city criss-crossed with canals. It is a beautiful old city with very small buildings never more than 4 stories high. Land covered by the buildings has been reclaimed from the sea, so it is not stable enough for large buildings. Some buildings are leaning as much as 2 feet from the perpendicular and did present quite a spectacular sight.

In Amsterdam our group of 6 IFYE's took a tour of the city by way of the canals and one afternoon we journeyed into the country on a tour.

The land in Holland is very, very flat and, as we all know, much of it has been reclaimed from the sea and consequently is 20 and 30 feet below sea level. The land is protected by large dikes. It is very wet with drainage ditches every 100 feet or so. Excess water drains into these canals and then is pumped back into the sea over the dikes by huge pumps. Also, the picturesque windmill is still used for this water-pumping operation. Every place there are cows—Holsteins or Friesians as the Dutch call them. All are tuberculosis and Bang's free.

### Clean as a Pin

Barns are very clean and cheese is made right in the barn. Dutch cheese is made in round balls that bounce almost like rubber after curing. Farmers take their products to markets in little boats that ply the canals continuously.

I thought I had seen bicycles in Switzerland and Italy but nothing like the number I saw in Holland. Everyone rides bicycles. The mother takes the little tot right with her in a special seat attached to the bicycle frame.

Journeying from Amsterdam, we went across the country to Rotterdam and thus down to Brussels, Belgium. There we stopped for less than an hour. We are going to write a book on "How to See Brussels in 30 Minutes." Anyway, we jumped in a taxi after checking our bags and told the driver—Belgium is a French-speaking country—what we wanted to see. We had been told there were only 2 things of importance to see in Brussels so we saw them. The driver would roar up, stop, and let us pile out. We hastily took pictures and jumped back into the taxi and off to the next sight.

From Brussels we journeyed to Ostend where we took a channel boat for Dover. It was quite chilly on the channel and hazy so we didn't get to see the famed White Cliffs of Dover.

From Dover we caught a train for London, arriving there Friday night.

### Good Food Quite Cheap

London is a dreary, smoky, foggy old town. The people are very nice and love to joke. It was nice to get back to a country where we could understand every word spoken. We found the food quite cheap. A good meal for 80 to 90 cents.

Saturday we went shopping. Woolen goods are much cheaper here for Americans, for we can purchase them tax-free but the English must pay a tax.

Saturday night we attended a good old American movie. After the movie we met 2 more IFYE's that had come in from Israel. It was nice to be meeting members of our group again.

After spending 3 days in London and visiting most of the important monuments and places of interest, we set sail Tuesday afternoon on the Queen Elizabeth—largest passenger ship in the world.

We hit high wind and a rough sea coming home. I would estimate 50 per



Warren Prawl

cent of the people were seasick. Thursday evening I think 60 per cent of the passengers didn't come to supper.

Returning, there were 53 of us. One girl in Germany had an attack of appendicitis on September 15 so flew home. We had the 6 IFYE's with us who had been in England and Wales before we arrived in July. We were all one big, happy bunch of kids and quite rowdy, most passengers believed.

### Delayed by Dock Strike

After 5 quick days we arrived in New York. Sunday afternoon at 3:30 p. m. we docked but because of the dock strike we didn't get our luggage off until 5:30. After getting thru customs we finally made it to our rooms in the Hotel Shelton. I traveled all over Europe and never had I opened my bags for customs, but the U. S. customs were tough on us.

Before getting off the ship we were met by reporters, photographers and television technicians. We really had the questions thrown at us but we enjoyed being VIP's (very important people). Undersecretary of Agriculture McCormick met us and welcomed us home.

After spending 2 hectic days of interviews, reports and expense accounts we made our way merrily home. We were very eager to get home.

Homeward bound!! Good old Kansas. With one half of my mission completed I am returning home for the most important part. Bringing back my experiences and giving them to the people is the big job. Portraying my talks with slides of beautiful Switzerland will be one way I can do this. I am obligated to do this for the people, for they are the ones who made this trip possible.

In my last letter I gave the State 4-H Club Office with J. Harold Johnson being the person to contact for any talks that interested people may wish. Now, please contact me at my home address.

After finishing my schedule of talks I will enroll as a junior at Kansas State College. After graduation I plan to teach Vocational Agriculture here in Kansas.

It has been a privilege for me to present to Kansas Farmer readers my education and experiences that I gained while living, working and playing with farm families in Switzerland.

—Warren Prawl, Severance, Kan.

### Win Drivers Contest

Winners of the 1951 Skilled Drivers Contest sponsored by the Kansas Farm Bureau are William Yandell, Piedmont, and Barbara Anton, Cimarron. Each received a \$200 college scholarship.

## Coming, December 1 . . .

If you are interested in hogs—and who isn't these days—you will want to read the story in the December 1, 1951, Kansas Farmer about one group of FFA boys who have done an outstanding job with purebred hogs thru a well-run swine improvement association. This experience may point the way to success for your own group. Don't miss it!

## HEADQUARTERS FOR ALBERS FEEDS IN KANSAS

ATCHISON, Tatge's Hardware Store  
ATTICA, Schmidt Hatchery  
BRONSON, Bronson Grain Co.  
Russell's Store  
BURLINGTON, Stillian Service Sta.  
BUSH CITY, Phil's Cash Grocery  
CAIRO, Cairo Corner Store  
DE SOTO, Goodrum Elevator Co.  
EDGERTON, Edgerton Grain Co.  
EUDORA, Eudora Mills  
FONTANA, Wilson Grain Co.  
FORT SCOTT, Beth's Farmers' Produce  
Yeager Feed & Grain Co.  
GARNETT, Fawk's Produce  
HARPER  
William's Chick & Turkey Hatchery  
HUTCHINSON, Kellogg Bros.  
KANSAS CITY  
C. G. Barben, 14th & Merriam Blvd.  
Bloomgarten Bros., 2502 N. 5th St.  
Boulevard Market, 2905 S. W. Blvd.  
Hugh Brougham, Victory Highway  
& Nearman Rd.  
Bud's Feed Store,  
10th and Argentine Blvd.  
Thee Busch, 1809 N. 5th  
Dobson Feed & Poultry,  
510 Kansas Ave.  
Good News Feed, 706 S. W. Blvd.  
Kansas Ave. Merc., 18th & Kansas  
Kelley Feed Store,  
2600 Metropolitan  
Metz Store, 40th & Metropolitan  
State Ave. Farm Store, 40th & State  
Strumillo Groc., 16th & Pacific  
Wood's Grocer, 700 Quindaro Blvd.  
Wray Feed & Gas, 29th & Brown  
KINGMAN, Morton Feed Store  
KIOWA, O K Grain Co.  
LAWRENCE, M. L. Schaake,  
623 W. 23rd  
LEAVENWORTH, Foster Feed Store  
LINWOOD, Reed's General Store  
MERRIAM, Lintner Coal & Feed  
Severin Feed Store  
MOUND CITY, M & M Produce  
MUNCIE, Edlund Feed & Hardware  
OLATHE, Johnson Co. Produce  
Olathe Hatchery  
OTTAWA, South Main Produce  
OVERLAND PARK  
Jennings Coal & Feed  
PAOLA, Sims Produce  
PARKER, Lockhart Station  
PRATT, Pratt Equity Exchange  
PRESCOTT, Hume Produce  
RICHLAND, Richland Elevator  
RICHMOND, Richmond Produce  
SEDGWICK, Behymer Hatchery  
STANLEY, Boyd & Mozler  
TONGANOXIE, Dale Rawlings  
TOPEKA, Roderick Coal & Feed  
919 E. 6th  
WELLBORN, Wells Feed Store  
WHITE CHURCH, White Church Feed  
WICHITA, Great Plains Hatchery  
Kellogg Bros.  
O. O. Calkins, 455 N. West St.  
WOLCOTT, Corup Market  
ZARAH, Zarah Grain Co.



# 327 EGGS IN 365 DAYS!

## THE AMAZING "LADY HOLLYWOOD" MAINTAINED THIS RECORD ON **ALBERS EGG MAKER**

\*OWNED BY DR. WALTER MOORE,  
HOLLYWOOD POULTRY FARMS, WOODINVILLE,  
WASHINGTON. DR. MOORE HAS FED NOTHING BUT  
ALBERS FEEDS FOR OVER 10 YEARS.

### WHY DOES ALBERS EGG MAKER HELP YOU GET SUSTAINED HEAVY PRODUCTION?

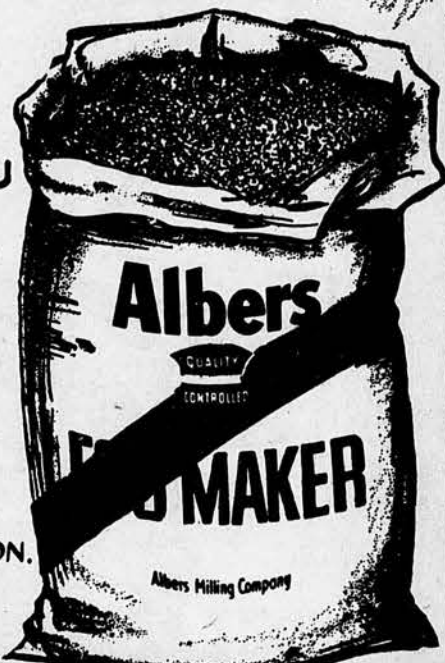
1. IT IS MANUFACTURED WITH ALL THE "KNOW HOW" OF 55 YEARS OF PRACTICAL EXPERIENCE.
2. IT HAS BEEN CONSTANTLY IMPROVED BY OVER 31 YEARS OF COMMON SENSE RESEARCH.
3. IT IS RIGIDLY QUALITY CONTROLLED ON ALL FORMULAS, INGREDIENTS AND MIXES.
4. IT IS TRIED AND PROVED IN CONTINUOUS FEEDING TESTS AT FAMOUS ALBERS RESEARCH STATION.

### RIGHT AWAY!

DURING THIS LAYING SEASON, PROVE TO YOURSELF THAT FEEDING **ALBERS EGG MAKER** CAN HELP YOU GET **MORE EGGS** PER POUND OF FEED.

BE SURE YOU GET A RATION  
THAT HELPS YOUR LAYERS  
REACH PEAK PRODUCTION...

**BUY ALBERS EGG MAKER**



AN INCOMPLETE LAYING  
RATION CAN COST YOU  
**60 TO 156 EGGS**  
PER HEN IN A YEAR

RECORDS AT ALBERS  
RESEARCH STATION PROVE  
THAT LAYING BIRDS FED  
A BALANCED RATION (LIKE  
ALBERS EGG MAKER) HAVE  
LAID 60 TO 156 MORE EGGS  
PER BIRD IN A YEAR, THAN  
THE SAME BIRDS FED AN  
UNBALANCED LAYING FEED.



### HOW'S THIS for HEAVY LITTER PRODUCTION?

**DOE No. 37 PRODUCED 9 STRAIGHT LITTERS**  
(WITHOUT A PAUSE)  
**TOTALING 306 POUNDS!**  
SHE RAISED 67 RABBITS, AVERAGING OVER 4½ LBS. EACH.

IT HAPPENED AT **ALBERS RESEARCH STATION**  
WHERE DOE No. 37 WAS ALBERS-FED AND  
RAISED. NOT OPINION, BUT HUNDREDS OF  
RESEARCH AND FIELD-TESTED FACTS PROVE  
ALBERS RABBIT RATION TOPS IN PURITY, TASTE  
AND NUTRITIONAL VALUE.

RESULTS SHOW WHY SUCCESSFUL RABBITRIES FEED... **ALBERS RABBIT RATIONS**

LET ALBERS HELP...  
MAKE YOUR RABBITRY  
A GOING AND GROWING  
SUCCESS. TODAY...  
INVESTIGATE ALBERS  
RABBIT FEEDING AND  
MANAGEMENT PROGRAM

ASK YOUR  
**ALBERS DEALER**  
OR WRITE FOR YOUR

**FREE**  
64 PAGE BOOK  
"SUCCESS WITH  
RABBITS"



### STOP IN ANY TIME, FOLKS!

EVERY FRIENDLY  
ALBERS DEALER LISTED  
HERE CAN HELP YOU MAKE  
MORE MONEY ON ANY KIND  
OF POULTRY OR LIVESTOCK.  
ASK HIM TODAY FOR COMPLETE  
INFORMATION ON ALBERS FEEDS.



**Albers FEEDS**



Feeders  
Albers  
Corn Shellers



## Donna Goes to France

(And Comes Safely Home Again)

Remember Kansas Farmer promised to bring you letters from our 2 Kansas 4-H'ers who spent some time on European farms this year. Here is the eighth one from Donna Cowan, of Emporia, who was in France.

**DEAR MR. GILKESON:** Only one more day and 54 International Farm Youth Exchange delegates will arrive in New York after spending almost 4 months living with farm families in 22 European countries. The ideas of the delegates have changed and broadened, and everyone seems older than when going over on the Georgia the last of June.

The Queen Elizabeth is a majestic ship and is making the trip from Cherbourg, France, to New York in just 4½ days. We're traveling tourist class, but I don't see how it could be much better. Elevators go up and down thru the 5 or 6 decks, from the well-furnished, neat cabins in the bottom to the sports deck and lounge on top. The spacious dining room has full menus and tea is served every afternoon at 4 o'clock. But the best thing is all the IFYE's are together, telling of experiences in Turkey, Ireland, Israel, Denmark, countries that seemed far away but now so close. Rough weather pitched and

tossed the ship the first couple of days, and a few meals didn't stay with some of us very long, but now the Atlantic is dark blue under the bright sun. Country delegations have been working together making out detailed reports for

life. They know how to work hard, but also take time to enjoy living. France is an old country, rich in tradition, history, the fine arts (literature, painting and music) and in farming is outstanding in the amount of production per acre.

I lived with 2 families while in France, both long enough that when I left it was almost like leaving real relatives. From the extreme north to the Mediterranean coast there is a



Donna Cowan

### Coming, December 1 . . .

New flavors, new recipes, we have learned are of interest to most women readers. Creating new flavors and new recipes is the business of the good homemaker. In the next issue of *Kansas Farmer*, you will find a story in the home department entitled, "Flavor Is the Thing." Watch *Kansas Farmer* for December 1.

IFYE headquarters in Washington, D. C.

Evaluating these weeks of living with European farm families is more than something that one can simply put down on paper in answer to a questionnaire. We 4 delegates to France feel our experience has been a practical and spiritual education. France has long been a leader in the world of ideas, and the French people seem to have such a practical, objective outlook on

change in the climate and lay of the land, and in the temperament of the people. In the south the speech is a bit different, but usually we got along pretty well speaking French all the time.

The last week in Southern France we went as far west as Marseille, the great port city where one sees people of all nationalities. Then I was joined by Carol Jean Blackhall, of Sterling, Kan., who had been living near Bor-

deaux, and I said "adieu" to the Meric family. Going east along the Cote d'Azur we stopped at Nice and walked along the long beach for one last look at the soft blue sea, stopped at Monte Carlo, then on to Monaco where we went thru the Oceanographic museum and saw everything from reproductions of whaling boats to stuffed seals and aquariums of exotic live fishes. Altho Monaco is on the French mainland, it has a government all its own and is called a principality. They even have different car license plates. Monte Carlo and Monaco are 2 cities side by side with their railroad stations about 5 minutes from each other.

#### City With No Streets

We spent one night in Genoa, Italy, and saw the statue of its native son, one Christopher Columbus who made an ocean voyage in 1492. The next day we went to Venice, the city of no automobiles, in fact of no streets, but wide sidewalks. Boats on the canals are the only means of transportation. All kinds of boats, from great big bus ferries, fast motorboats, to calm, gliding gondolas create the traffic on the wide streets of water.

From Venice we went thru Milan to Lausanne, Switzerland, past the Italian Lake Majorio and thru some of the Swiss Alps. We saw rows of stone fences stair-stepping the steep fields, and Brown Swiss cows in pastures. Lausanne is a city built on the side of a mountain at the foot of which is Lake Lemman. Going up town in Lausanne is literally going up, almost straight up. And then from Lausanne, we went back home to France. The last 2 days in Paris were not enough to say good-bye to the country that had been our home for almost 4 months. The Vanoye family, with whom I lived for 2 months at Herbécourt, drove to Paris to see me off.

#### Broadcast in French

At Ellis Island, newspaper, radio and television men boarded the Queen Elizabeth and interviewed the IFYE's all the rest of the way into New York harbor. We delegates to France made a broadcast in French for the Voice of America program. And again today we've been interviewed twice in French. But in any language the International Farm Youth Exchange project is one of understanding thru knowing. The opportunity of living, working and playing with European farm families is provided by our own friends and neighbors at home in Kansas. We 5 delegates, Carol Jean Blackhall, of Sterling; Betty Elliott, of White City; Dorothy Vanskike, of Arkansas City; Warren Prawl, of Severance, and myself, are very thankful for entrusting us with the mission of carrying the friendship of Kansans thruout England, Holland, Switzerland and France.

—Donna Cowan, Emporia.

Note: If you wish to contact these outstanding 4-H'ers about giving talks regarding their interesting experiences, please write J. Harold Johnson, State 4-H Club Leader, Kansas State College, Manhattan, Kan.—The Editor.

#### Saves Time

When making sandwiches for a large crowd, I mix the butter with the ground meat rather than buttering each slice of bread. It saves so much time and is just as good.—Mrs. Annette Lepps.

**It LOOKS Good  
and it IS Good!**

as served on Union Pacific Dining Car

One pleasure in traveling on Union Pacific is the enjoyment of choice foods offered in our dining cars. The service is attentive and courteous. During January, prime ribs of beef will be featured. Experts select the finest beef for our patrons. "U.S. approved" and aged to perfection. Then our experienced chefs produce the finest lamb chops.

**UNION PACIFIC RAILROAD**

**How Union Pacific  
co-operates with  
Producers and Packers**

UNION PACIFIC SUGGESTS . . .

**Lamb Chops** for MAYTIME travelers

The enjoyment of good food is a highlight of any journey. That's why Union Pacific makes a special effort to provide the finest lamb chops. They are raised in the "Union Pacific West." They are charcoal-broiled just right, to retain the juiciness and served with the finest accompaniments.

● One method of cooperation is to provide livestock shippers with transportation service that assures safe and sound delivery of cattle, hogs and sheep; also to provide packers with dependable delivery of processed products.

But there is still another way in which Union Pacific cooperates with the livestock industry and that is to help increase the national consumption of western-produced meats.

Advertisements — as partially reproduced

above — have played an important part in developing the use of various meat items. One of these ads has been appearing each month in a top national magazine and during that month the item is featured on all Union Pacific dining cars.

As examples, in January, 1951, 30,860 pounds of beef were served to our patrons as compared to 15,390 pounds served the previous month. In May, 16,240 pounds of lamb chops were served as compared to 7,076 pounds the previous month.

NOTE: Two great conventions you will want to attend: The National Wool Growers Ass'n. Convention, Portland, Ore., Dec. 4 to 7, 1951 . . . the American National Cattlemen's Ass'n. Convention, Fort Worth, Texas, Jan. 7 to 9, 1952.

Be specific . . . ship "Union Pacific"



# UNION PACIFIC RAILROAD

Serving the Greatest Livestock Producing Areas of the West



## Lower Clearance Speedier Lift Higher Reach

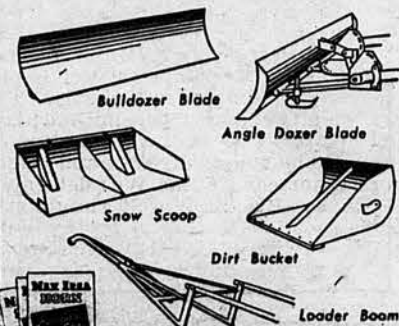


Just 3 reasons why  
**NEW IDEA-HORN** Loaders  
are world-wide leaders!



Handle loads of over a ton from your tractor seat, with a NEW IDEA-HORN Loader. Makes a quick, clean job of loading manure—tight spots and low ceilings no problem. Bucket and main frame attached by 4 tapered pins. Frame is seamless steel tubing, extra-strong and light in weight. Exclusive telescoping ram is speedier, more powerful. Lifts 10 ft. high! Three types to fit a broad range of tractor makes and models—10 labor-saving attachments fit all types. Let your NEW IDEA dealer show you all the reasons why... NEW IDEA-HORN Loaders are world leaders!

### 5 of the 10 EASY-ON ATTACHMENTS



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Dept. H-117, Coldwater, Ohio

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☐ NEW IDEA-HORN Stalk Shredders  
☐ NEW IDEA-HORN Steel Wagon Box

Name \_\_\_\_\_

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## Coming Events

November 17—Barton county 4-H officers training school.

November 17—Chase county, 4-H officers training school, Marion.

November 19—Johnson county, Farm Bureau annual meeting, with Pres. James A. McCain, of KSC, Olathe.

November 19—Labette county, annual Artificial Breeders' Co-operative meeting.

November 19—Barton county, 4-H council meeting, Great Bend.

November 19-20—Shawnee county, farm and business income tax school, Topeka, Municipal auditorium.

November 20—Barton county, Chamber of Commerce 4-H Achievement program, Great Bend.

November 20—Rush county, 4-H achievement banquet, City Auditorium, LaCrosse.

November 21—Shawnee county, 4-H adult leaders banquet.

November 24—Graham county 4-H achievement banquet.

November 24—Morton county, annual fair meeting, City Hall, Elkhart.

November 24—Butler county, forestry and landscape school, in connection with KSC Extension, El Dorado.

November 26—Cherokee council meeting, 4-H Building, Columbus.

November 26—Kingman county, annual Extension council meeting, Kingman.

November 27—Kingman county, 4-H achievement party, Kingman.

November 27—Rush county, 4-H officers and leader training school, with John Hanna, La Crosse.

November 27—Jefferson county, Extension council meeting, Oskaloosa.

November 27-28—Angus breeders 68th annual convention, Palmer House, Chicago.

November 28—Morton county, landscaping meeting, with KSC Extension specialists, Paul Collins and Charles Parks.

November 28—Cherokee county, monthly junior leadership meeting, 4-H building, Columbus.

November 28—Leavenworth county, county council meeting, Leavenworth.

November 29—Cowley county, annual Farm Bureau meeting, James McCain, president of KSC, guest speaker, Stewart Gymnasium, Winfield.

November 29—Comanche county Extension council annual meeting.

November 30—Edwards county, 4-H leaders training meeting, Kinsley.

November 30—Osborne county Extension council meeting, Osborne.

November 30—Butler county, Agriculture Extension council meeting, El Dorado.

November 30—Osborne county extension council meeting.

December 1—Shawnee county, annual 4-H Club Achievement party.

December 3—Dickinson county, 4-H achievement banquet, Steel Hall, Abilene.

December 3—Johnson county, first Extension Council meeting. Extension Board election, Olathe.

December 3—Chase county, landscape meeting, Cottonwood Falls.

December 4—Miami county Extension Council annual meeting, Paola.

December 4—Thomas county, DHIA annual meeting, Colby.

December 5—Cheyenne county, officers training school and demonstration techniques and training for 4-H, with Glenn Busset assisting. Court House, St. Francis.

December 6—Miami county 4-H leaders training school, Paola.

December 6—Mitchell county, day meeting with Extension engineer, Concordia.

December 6—Cherokee county, dairy and marketing school in charge of Ralph Bonewitz, KSC dairy Extension specialist, Columbus, 4-H building.

December 7—Thomas county, 4-H leader training school, with Glenn Busset and Velma McGaugh, KSC specialists.

December 8—Clark county 4-H achievement banquet, Ashland, 4-H building, 6:30 p. m.

December 10-15—Annual Extension agents conference, Manhattan.

December 17—Dickinson county welding school, Abilene.

December 19—Dickinson county annual DHIA meeting in the morning, county dairy winter school in afternoon, Abilene, Steel Hall.

December 19—Chase county, livestock meeting, Cottonwood Falls.

December 26—Cherokee county, junior leadership club meeting, Columbus, County 4-H Building.

### Brush Out Crumbs

I use a small, soft paintbrush to sweep out crumbs from the bread toaster. The brush easily reaches inner parts of toaster.—Mrs. F. W.

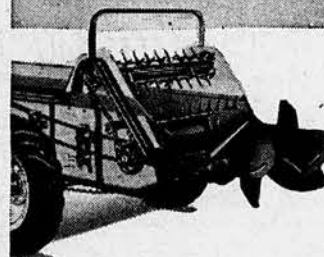
### Window Treatment

Every woman is interested in dressing windows of her home in the most attractive way. The bulletin, "Window Treatment," offers some suggestions which are economical yet effective. For a copy of this Kansas State College bulletin, please address Home Service, Kansas Farmer, Topeka. There is no charge.

## Loads Higher, Spreads Wider, Lasts Longer



That's why a **NEW IDEA** is a good idea!



**Famous NEW IDEA Wide-Spread Distributor**—working smoothly as a unit with 100 U-shaped beater teeth—quickly breaks up manure, even the tough chunky kind. Wide, forward-set upper beater frees top of load first to prevent choking. Specially designed distributor blades assure thorough shredding, finer pulverization and wide, uniform spreading.



Mr. D. M. Weber, Renfrew, Pa. with his NEW IDEA Spreader—used steadily for more than 38 years. Says Mr. Weber: "My expense on this spreader has been less than 10 dollars. It has been spreading about 275 loads yearly for me over the past 30 years."

Service records show it...thousands of owners know it...the strongest, *longest wearing* spreader box is built by NEW IDEA. Formed of fully cured pine boards, it defies rot and corrosion year after year. Steel framed and double-riveted, it stands up under heaviest impact and steadiest pounding.

And it's the most efficient box, too! Low-slung for fast, easy loading. Flared at the top to haul *higher* loads without spilling. Tightly packed manure feeds back *freely* on its solid, tapered bed. Pulls lighter on big, easy-rolling wheels.

You're also way ahead every other way with a NEW IDEA Spreader. Positive shredding and wide, even spreading are *permanent* features. Self-aligning bearings keep it smooth-running for *keeps*. Discharge rate readily controlled to suit any soil requirements. Easy to hitch to any tractor. Easy to handle under any operating conditions. Easy to own, too—ask your local NEW IDEA dealer!

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FARM EQUIPMENT CO. **AVCO** MANUFACTURING CORPORATION

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CUT WITH  
SHEARS. TACK  
OVER SCREENS  
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IN  
HEAT**

## WINDOW MATERIALS

**TOUGH - FLEXIBLE - SHATTERPROOF**

MAKE YOUR OWN Storm Door for as little as \$1.50, a storm window for less, with any one of Warp's Window Materials. Stop drafts. Have a warmer, easier-to-heat home. Users report up to 40% fuel savings. Warp's modern, low-cost Window Materials will quickly pay for themselves many times over in fuel saved.

### CHEAPER THAN GLASS

For Storm Doors, Windows, Porch Enclosures. Positive protection against winter's worst wind, cold, snow, rain and sleet.

### BETTER THAN GLASS

For Poultry and Hog Houses. Lets in healthful Sunshine Vitamin D that common glass shuts out. Use on Barns, Sheds, to replace Broken Windows.

**15 MILLION SATISFIED USERS CAN'T BE WRONG!**

These users got the Best by insisting on seeing the name "Warp's" branded along the edge of the Window Material they bought. YOU CAN TOO!

### Warp's Guarantee

I personally guarantee that you will be absolutely satisfied with every yard of Window Material that has the name "Warp's" branded on the edge.

**FLEX-O-GLASS**  
GUARANTEED 2 YEARS  
Most Highly Approved by Leading Authorities



**PLASTIGLASS**  
All Plastic Window Material  
Rugged, Neat and Attractive



**WYR-O-GLASS**  
Wire Base Glass Substitute  
Extremely Tough and Very Transparent



**SCREEN-GLASS**  
14 x 14 Mesh Wire Base  
Extremely Durable for Long Service



**SOLD BY RELIABLE HARDWARE AND LUMBER DEALERS**

## Peach Chances Are Better

By WILLIAM G. AMSTEIN, Kansas State College

THE list of peach varieties adapted for growing in Kansas has been much improved and increased in the last 10 years. These improvements include a wider range of ripening dates, better quality, greater bud hardiness, and general usefulness. Elberta is still an important peach variety name, but is used much more today as a reference point in considering other peaches that ripen before or after it. Many newer varieties represent firmer and higher-quality, early-ripening types.

In many Eastern and Central Kansas locations, some carefully-selected varieties could represent a useful addition to the farm fruit program. For a lesser number, a commercial cash crop is available on carefully-selected sites if some of the newer and better varieties are selected. Several growers have demonstrated this fact the last 10 years. In addition, they have developed a marketing system that is worthy of wider adoption. Many growers have had their entire crop harvested by their customers. This permits the buyer to have a better knowledge of his purchases. Likewise, it avoids many picking, packing and packaging costs.

### Ripen 7 Weeks Earlier

There are both yellow and white varieties of useful peaches now available that ripen as much as 7 or 8 weeks ahead of Elberta. Others ripen 2 weeks after Elberta. Among the outstanding varieties are the following:

**Redhaven** is an early yellow free-stone variety that ripens 4 or 5 weeks ahead of Elberta. This variety requires early, heavy thinning to secure needed size of fruit. However, this is an advantage in some ways since in years of a near crop failure there will be enough bud survival for part of a crop. The Redhaven has extra good value as a freezing variety—when thawed out it does not discolor or brown. Many varieties require special treatment in processing to avoid this browning after thawing.

**Golden Jubilee** ripens 3 to 4 weeks before Elberta. The fruit is medium-size with yellow flesh and attractive red and yellow color. It is not adapted for long-distance shipping since the flesh is soft. It has come to be a valuable variety in many sections for local market use.

**Triogem** is a newer variety that ripens 3 weeks ahead of Elberta. The fruit is unusually attractive but does not ship or handle too well. Some extra thinning may be required in a season of a heavy set. This is another high-quality local peach.

**Halehaven** ripens about 2 weeks before Elberta. This variety has yellow

flesh that is firm and will withstand considerable handling. During the last 15 years it has come to be widely used in both home and in commercial plantings.

**Sullivan Elberta**, ripening a week ahead of Elberta, is planted now to get an early start on the Elberta market. It resembles Elberta in most respects except for earlier ripening. Based on limited Kansas experience it is a real addition to the variety list.

There are some promising useful white-fleshed varieties:

**Early-Red-Fire**, ripening 5 weeks ahead of Elberta, has more bud hardiness than most varieties and the skin color is an attractive bright red.

**Raritan Rose** is another hardy, white-fleshed variety that ripens a month ahead of Elberta. It is extremely bud-hardy especially early in winter. In some extreme winters it has been the only variety to carry a crop.

### Still Good to Plant

Of the standard peach varieties that have been available for many years, Belle of Georgia, J. H. Hale and Elberta still deserve some consideration and planting.

Other varieties that have real promise but are not as widely known in this section are Goldeneast, Sunhigh, Afterglow, Jerseyland and Fairhaven.

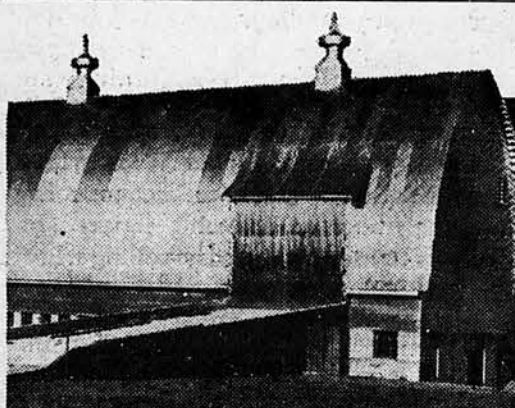
Both Sunhigh and Goldeneast ripen about 2 weeks ahead of Elberta. The flesh is very attractive, making a good-looking fruit. Either one of these varieties will prove useful on many Kansas locations.

Two Michigan introductions, Halehaven and Redhaven, have proved useful in many Kansas locations. Fairhaven is another more recent Michigan introduction that ripens just after Golden Jubilee. We can expect to see many plantings include Fairhaven in the next few years.

New Jersey has been the source of several of our most useful varieties including names such as Golden Jubilee, Raritan Rose, Triogem and Goldeneast.

It has been only in the last 15 or 20 years that peach varieties of known parentage have been available. Most of the earlier varieties in use up to that time originated as seedlings. After the seedlings were found to be outstanding, nurseries propagated them for nationwide distribution. One of the real horticultural sights today in peach season is to visit an orchard that is planted with the varieties arranged according to dates of maturity. As the peaches ripen, you can start at one side of the orchard and find peaches in various degrees of ripening as you go across the block.

## Buy United States Savings Bonds



**Timberib  
BARNs...**

Timberib dairy barn, size 40 x 120 feet; capacity, 40 cows, 240 tons baled hay.

**A** good farm deserves a Timberib barn. It fits in every way—good looks, reasonable cost, greater efficiency because of post-free floor space. Build it today, and it will still be saving time and earning profits several generations from now.

Hardest part of the building job is done for you. Timberib rafters are in one continuous piece, cut and fitted at the factory, not at the jobsite. Stronger than nailed rafters. Easily and quickly erected, even by inexperienced help. Available in widths from 32 to 40 feet, and in any length you want.

**Distinguished  
buildings for  
farms of  
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Fill in and mail the coupon for literature containing detailed information on Timberib rafters. No obligation, of course.

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## GRANDMA . . . . . By Charles Kuhn





# PURINA

## CHECKERBOARD NEWS



*Around the*  
**PURINA**  
**FARM with**  
**ELMER POWELL**  
DIRECTOR RESEARCH DEPT.

It's a sad fact, but the average dairyman loses about 15 to 25 per cent of all the calves dropped. We know from experience that these losses can be kept low.

*In 23 years of growing heifer calves at the Farm, we've kept calf mortality under 3 per cent. Last year we lost only one calf out of 43 started. We know we save a lot of calves because of good sanitation. It helps a lot just to keep things clean.*

If you're feeding beef cattle whole corn, it will pay you to follow them with hogs. You can run one hog for each one to three head of cattle, depending on the age and size of the cattle.

*Our English setters in the Dog Unit are kept for feeding tests only and are not trained for hunting. Since the dogs are never "worked," visitors have asked a number of times if they lose their hunting instinct. The answer is no. Even though the females are confined year after year, new males are brought in to the Farm for each new generation. The hunting spirit is kept alive in the pups. This has been demonstrated by the field trial winners and the hunting performance of pups produced in our kennels.*



The hogs at the Farm seem to be stealing the limelight. We've just marketed a pen of 18 Durocs that averaged 230.83 lbs. at 5½ months. That is an all-time weight record for a pen at the Farm for 5½ month old hogs. It wasn't too long ago that we would have considered this outstanding for 6 month old hogs. The heaviest individual in the group (pictured here) balanced the scales at 278 lbs.



## Sixty-two Cowley County grades average 321.8 lbs. butterfat

by J. H. McAdams

**B**UILDINGS on the George Stayton farm, Route 3, Winfield, are well-planned and practical. Take a quick look at this Kansas farmstead and you'll quickly surmise that the operator of this farm has been successful. If you talked with this friendly man, looked at his good cows and checked their production records as I did, you'd know you were right in your first impression.

"For years," George said, "I've used purebred bulls, but my cows are all grades. I'm not interested in selling breeding stock, so I've made no effort to bring in registered cows. Occasionally I buy a promising looking heifer, but my herd replacements come mostly from heifers I raise.

"Last year my DHIA records

showed me with an average of 62 cows milking. Average production per cow was slightly above 9,000 lbs. of milk with average fat of 3.56 per cent. The average butterfat production per cow was 321.8 lbs.

"I've been a Purina feeder 12 or 14 years and I follow the Purina Program as nearly as I can. I feed Milk Chow with good hay, at the rate of 1 to 4 pounds of milk, feeding each cow according to her production.

"You may have guessed from my 3 silos and the feed bunks in my lot that I'm a great believer in roughage. I also have a large roughage or loafing barn where the cows munch hay before going to the milking barn. In bad weather they are in this barn much of the time. Hay is always

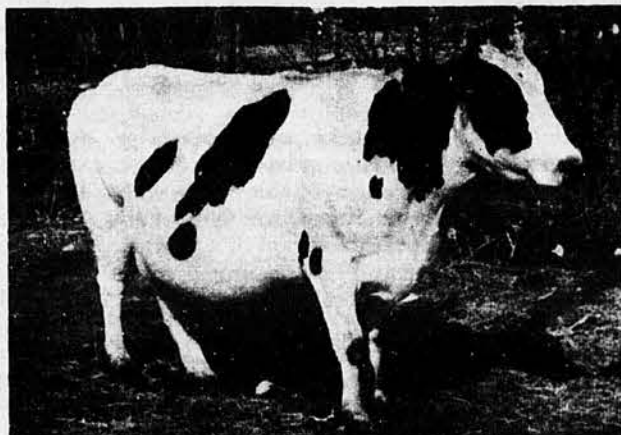
Talk with George Stayton about his cows and their production and you'll quickly recognize him as a successful dairyman.

available for them, regardless of how good the pasture is. I feed silage in the winter.

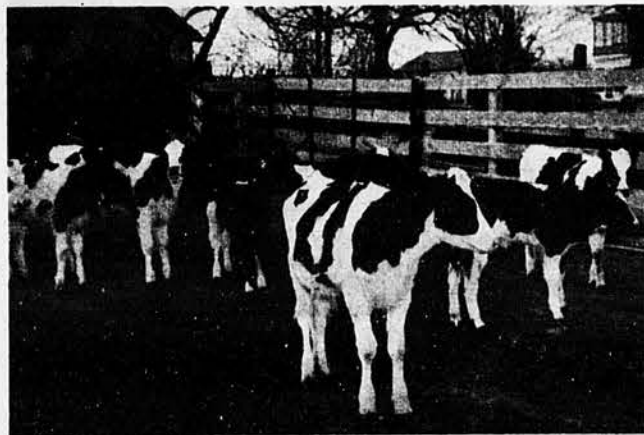
"Conditioning my cows while dry is one of the most important things I do. A cow I call the 'Jordan Cow' is a good example of what dry period feeding can do. As a 7-year-old, in her 5th lactation, she gave 15,613 lbs. of milk with 588.6 lbs. of fat in 288 days. Her lactation was not complete, but our tester quit, so the record is incomplete.

"Another good cow is 'Armstrong.' In a 305 day lactation she gave 13,053 lbs. of milk carrying 459.6 lbs. of fat.

"Maybe it's because I don't know any better, but I like dairying and feel any young farmer who's not afraid of a little hard work should make a go of it."



The "Jordan Cow" was dry. She shows the condition that helped her produce 588.6 lbs. of fat.



Occasionally Stayton buys a promising heifer, but he grows most of his own replacements.



## We Asked the Hogs...

*they proved which supplements were most profitable*

**I**N A RECENT Purina Farm test, 3 lots of 15 pigs, equal in weight, age and quality were fed 3 different rations to see which would make the most economical gain.

All supplements fed were of good quality, but certain ingredients were reduced in amount for Lots 2 and 3. The ration fed Lot 2 cost \$4.00 per ton less than the ration fed Lot 1. The ration fed Lot 3 cost \$8.00 per ton less.

Hogs in Lot 1 went over the scales at 5½ months (165 days) weighing an average of 199½ lbs. It cost \$26.57 to raise each hog from the time the sow was bred until hogs were sold—cost 13-3/10c to produce a pound of pork.

The cost to raise Lot 2 hogs to 5½ months old was \$25.15...\$1.41 less than for Lot 1. But each of the Lot 2 hogs weighed 15.34 lbs. less at 165 days than those in Lot 1. Cost per pound of gain was 13-7/10c.

Hogs in Lot 3 averaged only 157 lbs. when their mates in Lot 1 weighed 199½ lbs. each. Far from finished and very rough, it cost 17-4/10c to make a pound of gain.

At the windup, the experiment showed these things: Though the supplement fed Lot 1 cost \$4.00 more per ton than that fed Lot 2, and \$8.00 per ton more than the Lot 3 supplement, it made more money. The ration in Lot 1 netted \$49.78 more than the Lot 2 ration, \$149.43 more than the ration fed to Lot 3, after all costs were deducted.

If you were the hog raiser feeding Lot 1, you'd have saved 10 to 30 days' labor and feed bills and had more money in your pocket. By getting hogs to market



**PURINA**

**GUARANTEED ANALYSIS**

Crude Protein not less than 12.0%

Crude Fat not less than 11.0%

Crude Fiber not more than 30.0%

Moisture Free Extract not less than 30.0%

**INGREDIENTS:** Digestive enzymes, dried alfalfa meal, soybean oil meal, corn meal, tankage, molasses, ground oats, seed meal, fish meal, dried whey, ground wheat, corn gluten feed, molasses, ground oats, meal, corn gluten feed, molasses, ground wheat, wheat gray middlings, D activated plant stand, animal protein factor supplement, riboflavin supplement, 1% defluorinated phosphate, 1% calcium carbonate, 1.5% iodized salt.

**Average for Hogs Fed Purina**

Ready for market at 165 days weighing 225 lbs.—62 lbs. more than hogs on Ration Y.



**RATION X**

**GUARANTEED ANALYSIS**

Crude Protein not less than 12.0%

Crude Fat not less than 11.0%

Crude Fiber not more than 30.0%

Moisture Free Extract not less than 30.0%

**INGREDIENTS:** Digestive enzymes, dried alfalfa meal, soybean oil meal, corn meal, tankage, molasses, ground oats, seed meal, fish meal, dried whey, ground wheat, corn gluten feed, molasses, ground oats, meal, corn gluten feed, molasses, ground wheat, wheat gray middlings, D activated plant stand, animal protein factor supplement, riboflavin supplement, 1% defluorinated phosphate, 1% calcium carbonate, 1.5% iodized salt.

**Average for Hogs Fed Ration X**

Weighed 207.1 lbs. at 165 days.



**RATION Y**

**GUARANTEED ANALYSIS**

Crude Protein not less than 12.0%

Crude Fat not less than 11.0%

Crude Fiber not more than 30.0%

Moisture Free Extract not less than 30.0%

**INGREDIENTS:** Digestive enzymes, dried alfalfa meal, soybean oil meal, corn meal, tankage, molasses, ground oats, seed meal, fish meal, dried whey, ground wheat, corn gluten feed, molasses, ground oats, meal, corn gluten feed, molasses, ground wheat, wheat gray middlings, D activated plant stand, animal protein factor supplement, riboflavin supplement, 1% defluorinated phosphate, 1% calcium carbonate, 1.5% iodized salt.

**Average for Hogs Fed Ration Y**

Weighed 163 lbs. at 165 days.

**Purina Ration made a net profit per hog of \$6.46 more than Ration X...\$12.71 more than Ration Y!**

early, you'd probably have hit a higher market, too.

### Proof that ingredient tag doesn't tell the whole story

In another recent Farm test, 3 lots of pigs, uniform in size and weight at weaning, were fed to 5½ months of age. Each lot was fed corn and a supplement. The supplements had identical ingredient tags, but the feeding results were different. One lot got a Purina supplement.

That test proved that even when supplements have the same ingredient tags, quality and kind of in-

gredients make a big difference. See illustrations above for results of that test.

Time and again Purina Farm tests prove that low-cost ingredients do not produce the most profitable pork; nor do analysis tags guarantee the quality of the ingredients. It takes the right blend of quality ingredients and a sound feeding, management and sanitation program to make the most money for the hog man.

You can depend on research-proved Purina Chows and feeding programs.



### PIG WEANING HINTS

by CARY BANKHEAD  
Manager, Livestock Chows

It's a good idea to get pigs eating dry feed as soon as possible. Creep feeding helps make uniform pigs and gets them off to a fast start. Also, sows don't suckle down as badly and remain in better condition for breeding when pigs get dry feed early.

Breed sows three to five days after weaning for 2 litters a year.

Keep pigs on a growing ration of Sow & Pig Chow and grain until they weigh 100-125 lbs. promotes top feed assimilation and fast gains. Helps speed marketing time, too—as much as 2 weeks.

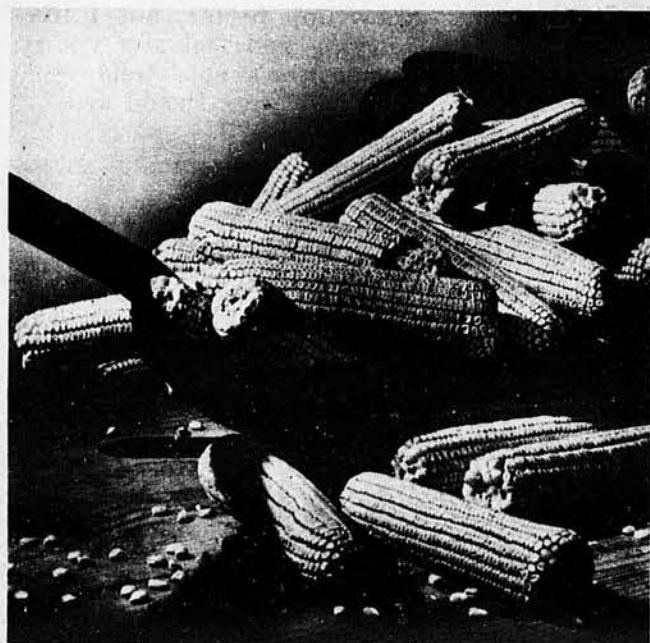
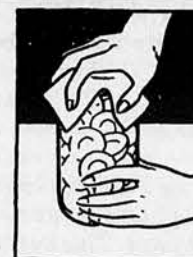
Worming pigs at 12 weeks is a sound practice. We save up to 20% on feed alone by so doing. Worming's easy with Purina Pigtab Granules. Keep pigs off feed overnight. Give them Pigtab Granules according to directions and keep feed away another 4 hours. Then back on full feed.

After worming, keep pigs in dry lot another 48 hours to prevent spreading expelled worms on clean pasture.

Full feed your hogs for greatest profit. An empty feeder never made a hogman any money.

## HOME HANDIES

From Mrs. Edward Fey, New Braunfels, Texas: "Tight jar lids can be removed very easily if you simply use a sheet of rough sandpaper. This gives you a firm grip on the lid and protects your hands."



## Will you get TOP PRICE for GRAIN?

Grain sold for cash will bring good prices, of course. Most grainbelt farmers know they can get still more by feeding their grain to livestock and poultry. But have you ever figured just how much more you can get on the Purina Program by balancing your grain with the right concentrate?

Take hogs. You can take your grain to a mill and have it ground and mixed with tankage or soybean meal. A ton of this ration will feed about 4½ hogs from weaning to market weight. Now take this same grain to a Purina Custom Mix Dealer and have it mixed with Puring Hog Chow. A ton of this ration is capable of growing 6 hogs from weaning to 200 lbs.

So you stand to get more for your grain—up to ½ more by using the right concentrate. Yet, the extra cost of the Purina Hog Chow over tankage or soybean meal is less than \$5.00. That's a good investment—an extra

300 pounds of pork for only \$5.00.

Or think what the right concentrate will do with chickens. Your grain balanced with average concentrates should make about 14 eggs per hen a month—the national average over a year's laying. But when you have your Purina Dealer grind your grain and mix it with a good concentrate like Purina Chowder, you have a ration capable of making 17 or 18 eggs per hen monthly.

By investing only 1c a month more for Chowder than you would pay for a low cost concentrate, you have given each hen a chance to make 9c to 12c more in extra eggs.

These are actual results from feeding trials in the world's largest commercial feed research center—The Purina Farm. From this farm have come tested and approved formulas for balancing grain to get the most out of it. Your Purina Custom Mix Dealer has the formulas, can mix the rations for you.



## CONDITION MAKES EGGS



by JOHN HOFF  
Mgr. Purina Poultry Chows

As I travel around the country, I find many poultrymen handling their birds to check condition. If birds are thin on the breast or have been losing weight, these poultrymen take it as a warning of danger ahead.

Usually this does not begin to show up until two to three months after fall production starts. If it goes on unchecked a partial molt or drop-off in eggs is likely to follow.

The reason is simply that today's production-bred pullets sometimes lay faster than normal feeds can supply their needs—for eggs, body maintenance and body growth. Finally Mother Nature says they must call a halt and take a rest.

This is the problem our Research people set out to help solve when they developed Purina Booster Checkers. Booster Checkers are an "insurance" feed in that you feed them during the early fall months to help you avoid difficulties later on in the winter.



The first months of production are critical for the pullet—she's building body and laying eggs, too. The pullet builds from one to two pounds body weight from 5 months to 10 months of age. Purina's new Body and Egg Plan is designed to supply pullets with extra nutrients during this critical period when they're still growing and laying heavily.

## Purina's Booster Checkers Show Excellent Results

**R**EPORTS from poultrymen indicate that flock owners are getting good results with Purina's new Booster Checkers.

Many growers who started Booster Checkers early are finding that egg production is remaining high at a time when it normally declines. Some poultrymen are noticing an increase in egg production and a decrease in feed consumption. This indicates that Booster Checkers are supplying needed nutrients which normally require more feed.

Booster Checkers were developed by Purina research to meet the heavier nutritional demands of today's high-producing pullets. They're high in proteins, vitamins, and minerals. In our research work these extra nutrients have proved beneficial in maintaining the body while supporting heavy egg production. This has helped to avoid partial molts and egg slumps after pullets have hit their peak.

Booster Checkers are fed on top of the regular mash. Pullets under 50% production need only 3 lbs. a day per 100 birds. Above 50%, Booster Checkers should be increased to 6 lbs. daily. Right now is the time when Booster Checkers are needed most—to hold up body weight and thus help to ward off egg slumps within a few weeks.

## Every Seventh Pig is a Runt

Actually, about one out of every seven pigs farrowed is a runt. Though all good hogmen try to follow good management, feeding and sanitation rules, sometimes things go wrong. Disease strikes, pigs go off feed, a sow has too many pigs to raise, etc. Runts are often the result. Runts drag on for months, making poor gains, costing money.

Two new Purina products, Pig Startena and Pig-Plus, are Purina Research and field-tested pig boosters that help put runts back on the profit road.



Is Purina Pig Startena palatable?  
This picture answers the question!

Purina Pig Startena is a complete feed. Pig-Plus is a concentrate to be mixed into the total ration at 2% level.

Take runt problems to your Purina Dealer. He'll tell you how to help runts pay their way.

## Want Your Farm Dog to Earn His Keep?

You can train him to be a real "Hired Hand."

Lloyd Alexander of Wooster, Ohio, is one of countless farmers around the country who have taken advantage of their farm dogs' working ability and desire to help with farm tasks. Money couldn't buy his hard-working dog, Jack. Yet he trained Jack at odd times, as he was able, for the important work he does in guarding and herding cattle and hogs.

New Purina Farm Dog Book tells and shows you how

Chances are you've a dog or two on your own farm. Put him to work, he'll save you time and trouble and be a better dog besides. The Purina Farm Dog Book—first of its kind in the field—is written especially for farmers. Its 63 pages and 111 descriptive illustrations are packed with information on training, care, housing, and selection of farm dogs. As a special Fall offer this Purina book is Free with purchase of Dog Chow. Use Coupon attached.



Jack drives steers from barn, then holds them back while bedding is put down.



Alexander's Border Collie moves Berkshire sows out to pasture and brings them back.



**Free OF EXTRA COST!**

Ralston Purina Company, St. Louis 2, Mo.  
Checkerboard News

I enclose a Purina Research Seal of Quality cut from a Dog Chow bag. Send me the Farm Dog Book.

Name.....

Address.....

City.....State.....

Offer closes midnight Nov. 30, 1951. One Book per Seal.





## FIND YOUR PURINA DEALER LISTED HERE

Two-gun MIKE is besting Puny IKE in the big pig-growing battle that's going on right now at most Purina dealer's stores. MIKE and IKE are live pigs. They started even, but Mike's outgrowing, outgaining Ike. That's because Mike gets Purina, while Ike gets none. See Mike and Ike for yourself at your Purina dealer's... next time you're in town.

Ask for Purina Chows, Sanitation and Farm Supplies at the Store with the Checkerboard Sign

### KANSAS

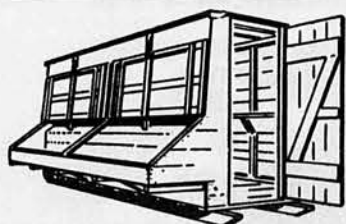
ABILENE, Gordon Mark Elevator Co.  
ALMA, Schulte Produce  
ANDALE, Andale Farmers Elevator  
ANDOVER, L. S. Dock  
ANTHONY, Thurman Hatchery  
ARGONAS, Borkin Grain Co.  
ARKANSAS CITY, Arkbuckle's Hatchery & Feed Co.  
ASHLAND, Wallingford Elevator  
ATCHISON, Berry Bros. Hatchery  
ATTICA, Imperial Flour Mills Co.  
AUGUSTA, Furlong Hatchery & Feed  
BALDWIN CITY, Hardy Farm Supply  
BAXTER SPRINGS, Gaines Feed Store  
BELLE PLAINE, Halls Produce & Feed  
BELLEVILLE, Hall Mill & Elevator  
BELOIT, Jones Feed & Seed Co.  
BONNER SPRINGS, Bonner Feed & Fuel Co.  
BURLINGTON, Solsby's Feed & Seed Store  
BURNS, Burns Feed Store  
BURRTON, Hensley Oil & Feeds  
CANEY, Halligan Feed & Produce  
CANTON, Canton Grain Co.  
CARBONDALE, Surber Grain Co.  
CEDARVALE, L. C. Adam Mercantile Co.  
CHANUTE, Farm Service Store  
CHANUTE, Floyd R. Potter  
CHENEY, Ball Produce & Hatchery  
CHERRYVALE, Cherryvale Grain Co.  
CHETOPA, Karns Grain Products Co.  
CLAY CENTER, Gordon Mark Elevator  
CLEARWATER, Hugh R. Wilk  
CLYDE, Derousseau's Hatchery  
COFFEYVILLE, C. C. Feeders Supply  
COLUMBUS, Columbus Hatchery  
COLUMBIA, Andale Farmers Elevator  
CONWAY SPRINGS, Farmers Union Coop. Assn.  
COTTONWOOD FALLS, Schoep Poultry & Egg Co.  
COUNCIL GROVE, Scholes Feed Store  
DELEVAN, Farmers Grain & Supply Co.  
DENISON, Farmers Elevator  
DESOTO, Goodrum Grain Co.  
DODGE CITY, Castlerline Grain & Seed, Inc.  
DOWNEY, Dwight Feed Co.  
EDGERTON, Edgerton Grain Co.  
EDNA, Edna Produce  
EL DORADO, The Home Grain Co., Inc.  
ELK FALLS, O & B Oil Co.  
ELKHART, Elkhart Coop. Equity Exchange  
ELLIS, The Wheatland Elevator  
EMPORIA, The Kansas Soya Products Co., Inc.  
ESBON, Eshon Feed & Seed Co.  
ESKRIDGE, Converse Farm Service Co.  
EUREKA, C. T. Agrelus Feed Co.  
FONTANA, Barnes Feed & Seed Store

FORD, Security Elevator Co.  
FT. SCOTT, Chas. Leist Feed & Seed Co.  
FT. SCOTT, National Coal, Ice & Fuel Co.  
FRANKFORT, Kenro Hatchery  
FREDONIA, Cox Produce & Grain Co.  
GARDEN CITY, Western Terminal  
GARDNER, Gardner Grain Co.  
GARLAND, Pfeiffer Produce  
GARNETT, A. H. Fawkes & Sons  
GAS CITY, Goodsell Hatchery  
GIRARD, Potter's Hatchery  
GOODLAND, Terminal Grain Co.  
GREAT BEND, Barton County Hatchery  
GREELEY, Rommelfanger Produce  
GREENSBURG, Security Elevator Co.  
HAMMOND, Bruce General Mds.  
HARDTNER, Kansas Milling Co.  
HARTFORD, The Kansas Soya Products Co., Inc.  
HARPER, The Imperial Flour Mills Co.  
HARVEYVILLE, Harveyville Grange Coop. Bus. Assn.  
HAYS, Engel Hatchery  
HERINGTON, Wilkerson Grain Co.  
HIAWATHA, Wolf Feed & Grain Co.  
HIGHLAND, Moore Farm Supply  
HILLSDALE, Fessenden Grain Co.  
HOLTON, Farmers Union Coop. Assn.  
HOPE, The Farmers Coop. Elev. & Sup. Co.  
HORTON, Preibe & Sons, Inc.  
HUGOTON, Security Elevator Co.  
HUMBOLDT, Farmers Produce  
HUTCHINSON, Berry's Hatchery & Feed  
HUTCHINSON, Orin's Feed & Seed Co.  
HUTCHINSON, Salt City Hatchery  
HUTCHINSON, Security Elevator Co. B.  
INDEPENDENCE, Star Mill Co., Inc.  
IOLA, Allen County Feed & Prod.  
IONIA, Ionia Produce  
JUNCTION CITY, Hart Bartlett Sturtevant Grain Co.  
KANSAS CITY, Crawford Hatcheries  
KANSAS CITY, Dyer & Co.  
KANSAS CITY, Kansas Avenue Merc. Co.  
KANSAS CITY, Kelley Feed Store  
KANSAS CITY, Midwest Hatchery  
KANSAS CITY, State Ave. Merc. Farm Store  
KANSAS CITY, Frank Wells Feed Store  
KANSAS CITY, KANS., Precht's Feed & Seed  
740 Kansas Ave.  
KANSAS CITY, KANS., Park Junction Feed Store,  
1905 N. 5th St.  
KENSINGTON, Levin Bros.  
KINGMAN, Goerner Hatchery  
KIOWA, OK Coop. Grain & Mercantile Co.  
LA CYGNE, Farmers Produce  
LANE, Geris Breeder Hatchery  
LATHAM, Morgan's Produce  
LAWRENCE, Cadwell Hatchery

LAWRENCE, Douglas County Hatchery  
LEAVENWORTH, Hibbs Farm Service  
LEBO, Lebo Grain Co., Inc.  
LENEXA, Jennings Feed & Coal Co.  
LEOTI, Herb J. Barr & Sons Grain & Supply Co.  
LIBERAL, Security Elevator Co.  
LOGAN, The Logan Grain Co.  
LOUISBURG, Owens Feed & Produce  
LYONS, W. S. Dayton Hatchery  
MACKSVILLE, Kansas Milling Co.  
MAIZE, Maize Mills, Inc.  
MANHATTAN, Johnmeyer Feed & Seed  
MANKATO, Levin Bros.  
MARION, Seymour Packing Co.  
MARQUETTE, Rodney Milling Co.  
MAYETTA, Farmers Union Coop. Assn.  
McLOUTH, McLouth Grain Co.  
McPHERSON, Community Feed & Seed  
McPHERSON, Hilltop Turkey Farm & Hatchery  
MEDICINE LODGE, Kansas Milling Co.  
MERRIAM, Leland Wilson Hatchery  
MICHIGAN VALLEY, Bulmer Grain Co.  
MINNEAPOLIS, Golden Rule Hatchery  
MONTEZUMA, Security Elevator Co.  
MONUMENT, Wheatland Elevator  
MORAN, Louie Benbrook Produce  
MORSE, Morse Grain Co.  
MOUND CITY, Ward Produce  
MOUNDRIE, Moundridge Coop. Elev. Assn.  
MT. HOPE, Independent Produce  
MULVANE, Moore Grain Co.  
MUNCIE, J. E. Puett  
NEODESHA, Shacklett Hatchery & Feed  
NEWTON, Berry's Feed & Supply Store  
NICKERSON, Farmers Coop. Elevator Co.  
NORTON, N. L. Johnson Grain Co.  
NORWICK, Goerner Hatchery  
OAKLEY, Wheatland Elevator  
OBERLIN, Earl C. Wilson & Sons  
OLATHE, Farmers Coop. Union  
OSAGE CITY, Lafferty Grain & Produce Co.  
OSAGE CITY, Steinhoff & Son  
OSAWATOMIE, Osawatomie Feed & Produce Co.  
OSBORNE, L. M. Newman  
OSKALOOSA, Oskaloosa Feed Store  
OSWEGO, Karns Grain Products Co.  
OTTAWA, Ottawa Produce Co.  
OVERLAND PARK, Jennings Feed & Coal  
PAOLA, Washburn Hatchery  
PARKER, Lockhart Station  
PEABODY, Peabody Coop. Equity Exchange  
PECK, Moore Grain, Inc.  
PENALOSA, Kansas Milling Co.  
PERRY, Heck & Seyler  
PIQUA, Niemann's Store  
PITTSBURG, The Potter Hatcheries  
PLEASANTON, Pleasanton Mill & Elevator Co.

POMONA, Pomona Feed Store  
PORTIS, Wolter's Lumber Co.  
PRATT, Pratt Equity Exchange  
PRETTY PRAIRIE, Security Elev. Co.  
PROTECTION, Park Hatchery  
RICHMOND, Farmers Home Coop. Merc. Society  
SABETHA, Sabetha Coop. Produce Co.  
SAFFORDVILLE, North Grain Co.  
ST. FRANCIS, Roylston & Son  
ST. MARYS, Farmers Union Coop. Assn.  
SALINA, McMinn & Tanner Feed & Produce  
SCOTT CITY, Durrant Seed & Supply  
SEDAN, Sedan Seed House  
SEDGWICK, Behymers-Sedgwick Hatchery  
SEDGWICK, J. O. Coombs & Son  
SEDGWICK, Sedgwick Alfalfa Mills  
SEVERY, Arnold & Colyer  
SHAWNEE, Shawnee Hatchery  
SPRING HILL, Zwellmiller Feed & Produce  
STAFFORD, Stafford Hatchery  
STANLEY, Boyd & Maelzer  
STERLING, Farmers Coop. Union  
STILWELL, Stilwell Feed & Coal  
STOCKTON, Bouchey Grain Co.  
SUMMERFIELD, State Line Pig Factory  
THAYER, Potter's  
TONGANOXIE, Trasper's Feed Store  
TOPEKA, Emery T. Shimer Feeds & Seeds  
TOPEKA, J. R. Shimer  
TRIBUNE, Tribune Grain Co.  
TROY, Winzer Hdwe.  
TURON, Turon Hatchery  
VALLEY CENTER, Valley Center Farmers Elevator Co.  
VALLEY FALLS, Reichart Elevator  
VIRGIL, Virgil Feed & Coal  
WAKEENEY, The Wheatland Elevator  
WATERVILLE, Wagor Produce  
WATHENA, Wathena Hatchery  
WAVERLY, J. R. Baxter Produce  
WELLINGTON, Newell's Feed Store  
WELLSVILLE, Averill Produce  
WHITE CITY, White City Grain Co.  
WHITEWATER, Whitewater Hatchery  
WICHITA, C. Ball Feed Co.  
WICHITA, Berry's Hatchery & Feed Store  
WICHITA, Kellogg Brothers Feed & Seed  
WICHITA, Maxwell Feed & Hatchery  
WILLIAMSBURG, Williamsburg Produce  
WILSEY, F. S. Riegel  
WINFIELD, Wallace Feed Store  
WINONA, Wheatland Elevator  
WOODBINE, Reed's Store  
YATES CENTER, Yates Center Elevator Co.  
ZARAH, Zarah Grain & Elev.  
ZENDA, The Goerner Hatchery  
ZENITH, The Zenith Cooperative Grain Co.

### FARM HANDIES



Robert E. Procknow, Cambria, Wis., writes that this cattle feeder eliminates a lot of feed carrying and hard work. The 8' x 16' hut holds up to 75 bushels of feed which is scooped into the bunks from the inside. Covers over the bunks can be let down in rain or snow or when the feeder is not in use. The entire unit is built on skids.



Hog raiser Billy Pittman, Udall, Kan., shows Purina salesman Clyde King 72 pigs weaned by his first 8 sows to farrow last spring, and asks him to figure out the feed necessary to grow them out.



**WES SEYLER**, Farm Service Director of WIBW—Topeka, is a farmer. He was born and reared on a farm. He attended Nebraska Wesleyan University and holds a degree in agriculture from the University of Nebraska. As a radio farm director he talks from experience. Hear Wes Seyler over WIBW on Purina Markets daily at 12 noon, and on the Farm Forum each Sunday morning at 8 o'clock.

### CALAMITY CAL...



by ed smyth & bill sims



# Turkey Business

(Continued from Page 1)



FROZEN OVEN-READY turkeys in the walk-in freezer at the farm give the Schmidts a year-round wholesale and retail market for their birds.

series of pens and on into a narrow chute, much like a livestock loading chute. Here, toms and hens to be killed are selected and taken to the processing plant. With a full crew operating the Schmidts will process about 200 toms or 300 hens a day.

These birds are wholesaled to local hotels, restaurants and meat markets. A walk-in freezer at the processing plant allows room to store frozen turkeys so they are available anytime.

"There is a growing trend for turkey to be used the year around," says Mr. Schmidt. "One of our local hotels offers turkey on the menu every day of the year and an increasing number of families are including turkey in their meal planning."

## Place for Small Turkey

Two of the sons, Richard and Ramon, this year have 400 Beltsville White turkeys as a 4-H project.

"There is a place for these small turkeys," says Mr. Schmidt, "but they are not competitive with the Broad Breasted Bronze. All of our wholesale demand is for the large turkeys and thru the offer of half and quarter turkeys we can take care of the smaller families. Actually, turkey is beginning to compete with beef, pork and lamb on the daily meat market, and you would be surprised how much demand there is among the retail trade for turkeys at all times of year."

Mr. Schmidt is a veteran in the turkey growing and processing business. "I started raising turkeys as a boy 35 years ago," he says, "and I've been at it ever since." He has been processing turkeys for 20 years and has been operating at Hill Top Turkey Farm and

Hatchery for the past 13 years now.

Things have changed in the turkey business during those years. "When I started," he recalls, "it was common practice for a great many farmers to have a few turkey hens and to raise a few turkeys every year. Now turkey hatching and turkey growing are concentrated in large specialized projects, and it is a good thing for the turkey business."

## Feeds for Special Flavor

As the flock nears maturity feed consumption jumps to about 1 to 1½ tons daily. Mr. Schmidt mixes all his own fattening feeds on the farm because he uses his feed to get a special flavor.

"We start our poults on commercial feeds," he says, "and keep them on commercial feeds until they are at least 8 weeks old. The feed companies have done wonders for the turkey business in the last 4 or 5 years. Thru improved feeds they have made it possible for turkey growers to get as high as 97 and 98 per cent livability on poults. We used to think 90 per cent was very good."

An attractive roadside sign is used to tell motorists what the farm has to sell and where the farm is located. "You can't imagine how many persons drive over to buy turkeys after seeing our sign on the highway," says Mr. Schmidt.

If there is anything significant in the Schmidt turkey project it is the fact that thru specialization the family is making a very comfortable living on a relatively small acreage—only 160 acres. This has been done by taking what most farmers would consider a seasonal project and making it a year-around business.



SINGING is done with a flame-thrower like this one wielded by Lowell Johnson. From 200 to 300 birds a day are run thru the processing plant, which is operated under state inspection.

**I'M BARNEY STRONG! THE STRONGBARN ROOFING MAN!**  
**YOU CAN BUILD BETTER AND CHEAPER!**

**SEE HOW I WITHSTAND HEAVY LOADS!**

Yes, Strongbarn Corrugated Galvanized Roofing and Siding is actually 56% stronger than conventional grades of galvanized roofing and siding. That's why Strongbarn doesn't buckle under heavy loads. It fits tighter, too... withstands high winds.

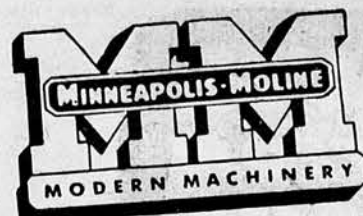
**LET ME SHOW YOU HOW I SAVE YOU MONEY!**

Because Strongbarn is light in weight yet strong, you can space studding and rafters farther apart in new construction, save on the cost of framework materials. It will pay you to investigate Strongbarn now!

Aid defense... Search your farm for scrap iron and steel. Call your local scrap dealer for pickup. Remember more scrap today means more steel tomorrow.

Write for **FREE Strongbarn Booklet.**





## FACTORY-BUILT LP GAS MODEL TRACTORS



CHEAPER POWER  
BY THE HOUR!

**MORE POWER  
GREATER ECONOMY!**

Now you can have stepped-up horsepower, smoother performance and greater operating economy with factory-built MM LP gas tractors.

Cooler running MM LP tractors use less oil, consume less gas. LP gas burns cleaner, prevents carbon deposits and crankcase dilution. No unpleasant fumes or smoke. Less vibration, smoother operation.

For high power tractors with long engine life, a minimum of maintenance and lowest possible operating costs, see your friendly MM dealer or write for complete facts about MM LP gas tractors.

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WITHOUT DUSTING

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**FLEX-O-SEAL** PRESSURE  
TIGHT  
PORTABLE IRRIGATION PIPE

No more worries about drought when you water your fields with FLEX-O-SEAL Portable Irrigation Pipe. Light-weight and easily assembled on flat or rolling land—it will bring moisture to crops or fields whenever and wherever needed. Available in Aluminum or Galvanized 3, 4, 6 or 8-inch diameters. Write for FREE folder "Your Best CROP Insurance" and name of nearest dealer. Chicago Metal Mfg. Co. 3736 S. Rockwell St. Chicago 32, Illinois

**FLEX-O-SEAL**

## Taxes Terrible

(Continued from Page 7)

who had an income of \$1,000 a week pre-Korea would have to get \$1,779.48 a week to keep his before-Korea purchasing power; \$1,457.33 with a wife and 2 dependents.

Organized labor is preparing to ask the seventh round of wage rates since 1940; enough larger to amount to a "raise" in addition to that needed to give pre-Korean purchasing power. The increase in payrolls will be passed on to the consumer in higher prices to the extent possible, thereby calling for another wage "raise," then the higher prices and still other wage raises, and so on and on until the bubble bursts.

Here in a nutshell is what informed Washington opinion expects President Truman to ask of the next session of Congress:

For individuals, an increase of 2 points clear across the board in income tax. Lowest bracket would take a 24 per cent income tax.

For corporations, 55 per cent corporate tax rate, instead of present 52 per cent—all except very small corporations.

Capital gains tax, some 37 per cent instead of 26 per cent—before 1951 act became law it was 25 per cent.

Also in the program, more excise taxes, bigger excise taxes; repeal of the split-income provision for married couple, stiffer estate and gift taxes, lowered allowances for depletion for minerals.

Truman is not expected to get all the increases he will ask; may not get any of them. Many members, including Senator George and Representative Doughton, the chairmen of the tax-writing committees—and even Spender O'Mahoney, of Wyoming—insist the tax limit has been reached.

But there will be increasing "war needs," and more "deficit spending"; Congress will have to give consideration to these; might even cut some appropriations, maybe, perhaps, possibly, barely possibly—inconceivably.

What is going on in the United States, as in Britain where it has gone farther, is a process of leveling incomes thru taxation—"share the wealth" for a few years, after that, "share the resultant poverty."

President Truman likes to use the word "fantastic" in commenting on the progress that has been made in engines of destruction. The word might be used in regard to tax increases and their effect, under the "progressive" income taxes and the ever-increasing number of articles taking excise taxes.

In the top income brackets as of now, a person would have to receive 8 times the income received before World War II to have the same purchasing power as prewar. The more he earns, the more he saves, the more weeks and months out of every year he has to work for the government, that much less for himself and his family.

If the country is not yet tax-conscious—well, it must be numbed as well as dumb.

The government spenders, and those who profit and/or hope to profit from continued government spending, are moving heaven and earth to insure that the presidential candidates—or candidate?—of both parties will be so tied-in with present government policies that the spending programs will be

continued—perhaps enlarged in the name of world (pronounced national) defense.

Gen. Dwight D. Eisenhower spent most of 3 days in the United States last week. He came, he saw, he spoke—but said little. But what he did say, his supporters announced immediately, gave the "go" signal for them to push his draft for the presidential nomination. He certainly did not give any "stop" signal in the following statement just before boarding the plane for NATO headquarters in Paris:

After reiterating that he does not intend even to divulge whether he is a Democrat or a Republican, to say nothing of making any "political" pronouncements, General Eisenhower continued:

"If the time ever comes when I feel my duty compels me to say a word, I'll say it and you won't have to worry—it will be stated positively and definitely.

"Now, if I have friends who have been my friends so long they believe they know how I would act and react under given situations, that's their own business. I have never attempted to interfere with any man in exercising his own privileges as an American citizen.

"But no one after all would need to speak for me in any case where I should speak for myself."

The Delphic oracle could not have improved upon that statement, particularly the last sentence, after you have figured out what it means taken in connection with the relevant parts of the preceding paragraphs. Anything. Everything. Nothing?

While in this country he had conference with President Truman and a selected group of high officials; talked with Gov. Tom Dewey; had a telephone conversation with Senator Duff, of Pennsylvania—Duff says several conversations; spent his one free evening with wife, Mr. and Mrs. George E. Allen and Chief Justice Vinson. Mr. Allen is known as the Court Jester for the White House. Justice Vinson is said to be President Truman's offering for the Democrat presidential nomination if HST decides not to run.

## Making a Will?

The Kansas State College bulletin, "Planning a Will," answers many questions on the subject—who may make a will—as well as offering instructions on how to make a will. Write to Farm Service Editor, Kansas Farmer, Topeka, for a free copy of the bulletin. Please ask for C224.

## Farm Sewage Disposal

A septic tank system is the safest and most convenient means of sewage disposal on the farm, says Leo. T. Wendling, Kansas State College extension engineer. When modernizing their home, farm families should not use cesspools, ditches, abandoned wells or streams for sewage disposal. This practice may pollute the source of water supply. The septic tank system consists of a watertight line from house to tank, watertight septic tank having a capacity of at least 500 gallons, and a purification field consisting of a sufficient length of 4-inch drain tile.

## Rehabilitation of Hearing

By CHARLES H. LERRIGO, M.D.

One of the gratifying things of the present age is the assistance that can be given to persons who have deficiencies in hearing. It is true total loss of the auditory nerve will cause deafness beyond remedy. However, many persons whose hearing is failing, apparently for no other reason than the debility of old age, will find great value in being fitted with an effective hearing aid. And there are many of excellent quality offered on the market. Another thing of importance is that the more responsible manufacturers will now make arrangements whereby the doubtful purchaser may obtain a trial of one or two weeks, giving a reliable test before investing.

Any interested reader may have a copy of my special letter, "Hints About Deafness," by sending a request with an envelope addressed to himself, bearing a 3-cent stamp, to Dr. C. H. Lerrigo, care of Kansas Farmer, Topeka, Kansas.



## Hints About Arthritis

By CHARLES H. LERRIGO, M. D.

Sufferers from "rheumatism" invariably are worse when obliged to face dull wintry weather. This explains the big mail that asks for information about Cortisone and ACTH. Frankly, there are many features still experimental, about which no doctor can give positive information.

I have revised my letter "Hints About Arthritis," including facts now obtainable. Anyone desiring a copy should send an envelope addressed to himself, bearing a 3-cent stamp, and asking for a copy of "Hints About Arthritis." Requests should be mailed to Dr. C. H. Lerrigo, Kansas Farmer, Topeka.

## To Keep 12-Sow House Busy The Year Around

USING 2 types of boars and bringing hogs to finish at 2 different weight levels, Ernest DeLange, Crawford county, hopes to keep a 12-sow farrowing house busy the year around.

He has been producing about 800 hogs a year—150 for breeding purposes and the rest as commercial hogs. He wants to step the total up to 1,200 a year.

Two marketing periods will be aimed for—August-September and February-March. Short boars will be used on part of the sows and they will be fed to finish at around 200 pounds in 5 months. During 1949, Mr. DeLange marketed one bunch of 119 hogs that weighed an average of 206 pounds at 5 months and 11 days. These hogs sold thru the Parsons Livestock Exchange at 40 cents a

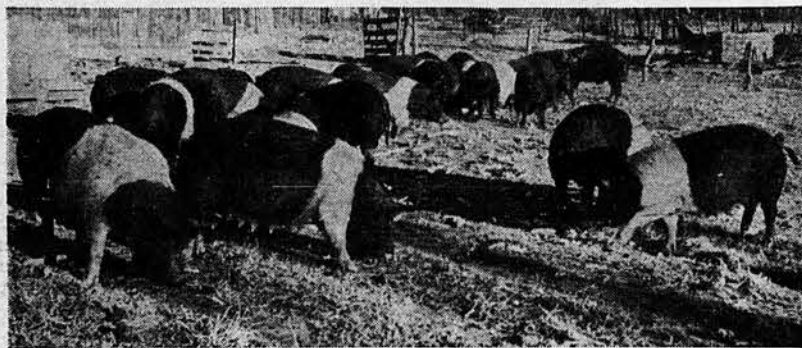
hundred above the day's tops on the regular livestock market.

A stretchy-type boar will be used on hogs intended for finish at heavier weights. Mr. DeLange wants to finish these hogs at about 250 pounds over 6 or 7 months and will feed accordingly. Right now he is experimenting on crossing Hampshire gilts with a good Berkshire boar to get the type hog he wants for this phase of his program.

"More hogs should be raised in Southeast Kansas," says Mr. DeLange. "We have excellent market outlets and usually have corn to ship out that could be fed to hogs here at more profit. We also have open winters and plenty of pasture crops to hold down production costs."



**BRING HIGH PRICE:** These hogs produced by Ernest DeLange, left, of Crawford county, brought 40 cents a hundred above the day's top. With Mr. DeLange in the Parsons stockyards are S. O. Frey, manager of the Producers Co-op Elevator, Girard; Glenn Long, Chanute, buyer; Harry Smith, of Parsons Livestock Commission. On fence are Sheldon DeLange, right, and Ray Geier, Girard.



**THESE FINE** Hampshire gilts on DeLange farm are being bred to Berkshire boar to get meaty-type hog that will finish at about 250 pounds in 6 or 7 months.

## !!More Flower Articles!!

Here is good news for flower growers. When I told Frank Payne how many Kansas farm folks are writing in asking for more of his articles, he wrote to this effect: "Thanks for your letter about so many folks asking for more of my flower articles. As soon as my dahlia work lets up I have some business in Topeka, and then I will talk over the flower articles for the coming year."

So it is with pleasure *Kansas Farmer* can announce another series of flower articles will be coming along from Mr. Payne's experience of growing them by the acre.

!!!What do you want him to write about? I know he wants to please you and we wish to give you the information that will be helpful. So drop me a post card or letter right away telling me what you wish to have in the new flower series.—Raymond H. Gilkeson, Editor.

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Your Ames In-Cross birds are IN-bred and CROSSbred to average 3 to 4 more eggs a month, per bird than any standard bred flock. About a pound more meat as a market bird than any light breed. And tests prove, Ames In-Cross will save from ½ to 1 lb. of feed per dozen eggs.



Mrs. Will Roberts and  
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You can help give thousands of homeless children a glorious Christmas this year, simply by saving Butter-Nut Coffee key strips and jar labels, then mailing them to us by December 15.

No money, please. We supply the purchase fund, basing it on the number of labels and strips received.

**YOUR STRIPS WILL HELP**

The Butter-Nut Christmas Club is a yearly event. Thousands of Butter-Nut customers send strips and labels. Many save the year around to have a big contribution at Christmas time.

Some of the finest work is done by groups. Huge boxes of strips come from schools, church groups, Sunday schools and clubs.

The Club started in 1937 and has grown ever since. Last year Butter-Nut customers provided for 25,000 gifts. These went to childrens homes in all states where Butter-Nut Coffee is sold.

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The gift list includes sleds, dolls, books, games, marbles, jump ropes,

balls, jacks, wagons, roller skates, scooters, kites, erector sets and tons of nuts and candy.

**LET'S REMEMBER ALL**

Our goal is to see that each child in every childrens home in all Butter-Nut states is remembered with a gift this Christmas.

Whether we succeed depends on you. It is your strips and labels that make up the fund that buys the gifts. Whether you save few or many, mail them in by December 15.

The modern childrens home cares well for its children. But Christmas is something special. Let's not forget a single one this year. Let's give them all a wonderful Christmas!

**HOW YOU CAN HELP**

Start now saving Butter-Nut Coffee key strips and labels. Send them to the address below before December 15. If you wish them credited to a specific childrens home, enclose name and address of the home.

Then . . . start saving strips and labels for next year!

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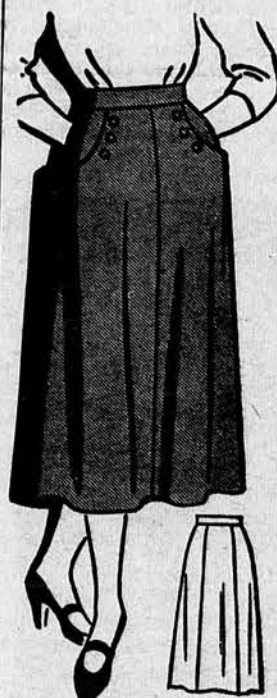
**9376**—Here is your half-size pattern. Has 4-inch bias insert in sleeve and bodice. Sizes 14½ to 24½. Size 16½ uses 4 yards 35-inch material.

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**4691**  
SIZES  
2—10



**4565**  
SIZES  
S—14—16  
M—18—20  
L—40—42

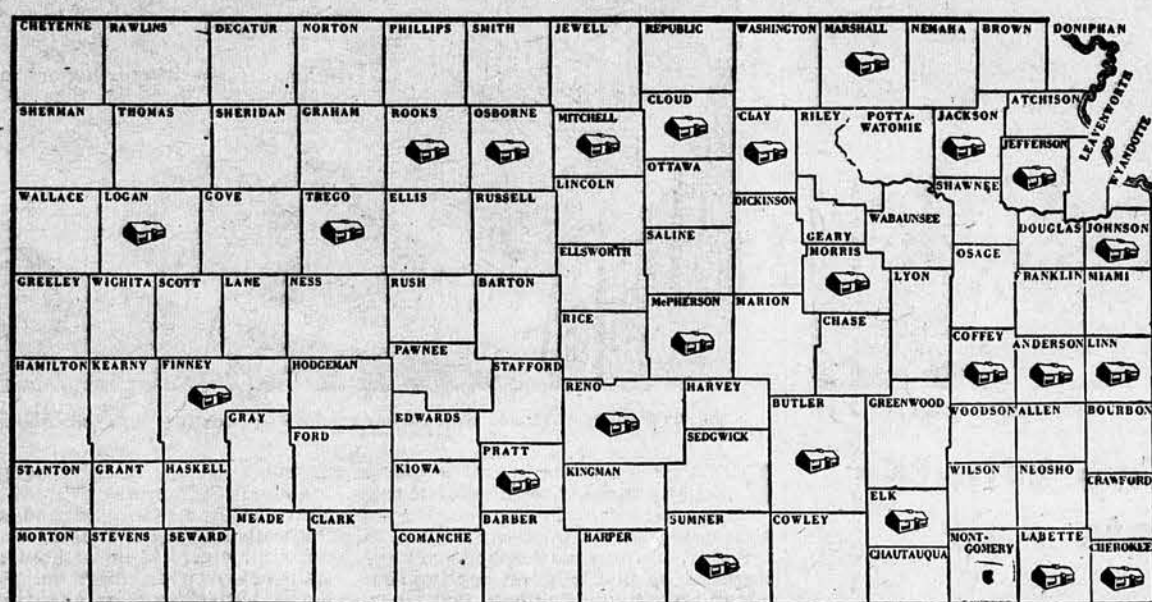
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Send 30 cents for each pattern to Fashion Editor, Kansas Farmer, Topeka. Use coupon above.



# Kansas Farm Home and Family

FLORENCE McKINNEY, Editor



MINIATURE HOUSES indicate Kansas counties where farm homemakers were interviewed on their needs and preferences. The story tells what they want.

## This Is What They Want

UP TO NOW, when farmers wanted help in planning for new or remodeled houses, architects, engineers, builders and educators could only guess at a reasonable answer for the farmhouse problem. Now we believe we have a reliable guide for the farmer and his wife. This is what Tessie Agan, of Kansas State College, said in regard to the survey made in 24 counties in the state. The entire survey covered other states in the north-central section of United States.

Mrs. Marguerite Schultz, a home economics graduate, visited 72 farms. Each home was picked on a set formula according to population.

Time was taken for an unhurried, thorough interview. One important result referred to the plan of the house. Farm families apparently prefer one-story houses. In fact, about 65 per cent said they would like to have a one-story house. At the time the study was made one fourth had one-story houses and the remaining three fourths had homes with stairs.

### One-story Is Favorite

"So you see," says Miss Agan, "if farm families could have the kind of houses they like, just by wishing, the number of one-story houses would more than double."

That farm families in the north-central region of the country want to do something about improving their housing situation was shown by the fact that thousands of families, in fact, one in 8, said they planned to build for themselves in the next 5 years.

It is clear that houses of from 5 to 7 rooms are the most popular choice. One of the important rooms in this 5- to 7-room house would be a guest bedroom. This was a convenience wanted by 90 per cent of farm families.

Nine tenths of the farm women definitely wanted central heat and porches. Evidently there is something about a porch that farm folks like. It is a friendly, informal place to sit and relax and view the land they work and love. Often it's a useful addition such as an eating place in summer.

About 90 per cent wanted a basement and a separate coat closet. Eighty-five per cent said

outright they regarded a basement as necessary. A dining room and a first-floor workroom also were considered desirable.

"Evidently," Miss Agan commented, "the dining room has not lost favor in the country as rapidly as in the town household, since 75 per cent of those interviewed still want a separate dining room. For many years the dining room with its commodious table, that could be expanded to seat relatives and friends as well as extra workmen, has been the heart of many a country home."

### Want Better Drive

Another feature prominent among the "wants" was to have a house and drive so planned that callers would come to the main entrance of the house. This would indicate the unceasing recommendation of Extension workers and farm home editors thru the past years, to try to get company to come to the front door rather than thru the back door, is at last bearing fruit. Faulty house planning and poorly placed drives have been the cause for this dislocation. Generally the front doors on farmhouses are drab, uninviting, with no sidewalks and no pleasant approach from the road.

"I was surprised," Miss Agan continued, "to find a fireplace was desired by fewer than half the homemakers interviewed. And a pantry is

pretty well outmoded, too. Only about one fourth of the families wanted one. This indicates built-ins and compact kitchens are sold to our farm homemakers. We found that for about two thirds of the families, everyday cooking, dishwashing and canning were one-person jobs."

The interviews indicated the mixing center is one of the most important work centers in the kitchen. Why? Because farm women do a lot of baking; pies, cakes, cookies, doughnuts and bread. Home baking as any farm homemaker well knows, is a very real activity. More than one half of the women make yeast breads. And not occasionally, but almost every week. The full cookie jar and the smell of bread in the oven are still a part of the good farm life.

More than half the families canned fruits, vegetables and meats. Some of the homemakers would like to take this heavy work to the basement or better still, to a first-floor utility room.

### Provide Laundry Space

Another home activity that calls for space is laundry work. At present more than half of the families do the laundry work in the kitchen or porch. But more than four fifths of them would gladly desert these places for a basement or a utility room on the first floor.

Vera Ellithorpe, Extension home management specialist at Kansas State College, who works with farm families in home planning, reports that during 1951, as high as 95 per cent of those requesting help include a first-floor utility room in their plans.

In the entire region surveyed, about a third of the women wanted a sewing room for mother and the girls, the rest would use the dining room, the bedroom or kitchen, provided a space could be worked out.

One question asked the farm families was, "Would you like some added space where you could keep a record of farm and home business?" About three fourths needed some definite space, altho only about one seventh wanted an office. More than half said a good desk would do. Some of the homemakers wanted a little business center of their own in addition to the one used by the menfolks.

### First Grandchild

You know I had forgotten  
How tiny babies are,  
A nose like a tiny button  
Her face glowing like a star.

I scarcely let anyone touch her  
For fear of something breaking,  
A leafy shadow can hide her  
It sets my heart a-quaking.

—By Helen E. Kindsvater.





Praises speed of Active Dry Yeast

## Lyons Cook is Top Winner at Kansas State Fair

Mrs. Carl Willms shows her husband the many ribbons she has won for her cooking exhibits . . . 154 altogether! She took her latest awards at the 1951 Kansas State Fair, where she was one of the top winners.

Mrs. Willms became a really experienced cook while bringing up a family of three daughters. And like so many experienced cooks, she says Fleischmann's Active Dry Yeast is the finest she has found. "It certainly gives me prize-winning results," says Mrs. Willms. "This grand Dry

Yeast is so speedy . . . and so easy to use!"

The holiday meals ahead call for plenty of yeast-raised goodies. They're so festive, so delicious . . . wholesome and nourishing, too! When you bake at home, use yeast. And be sure to use the best—Fleischmann's Active Dry Yeast. It's so fast and easy—gives you grand results every time. Just add to warm water, stir until dissolved—it's ready to use. Get several packages of Fleischmann's Active Yeast today.

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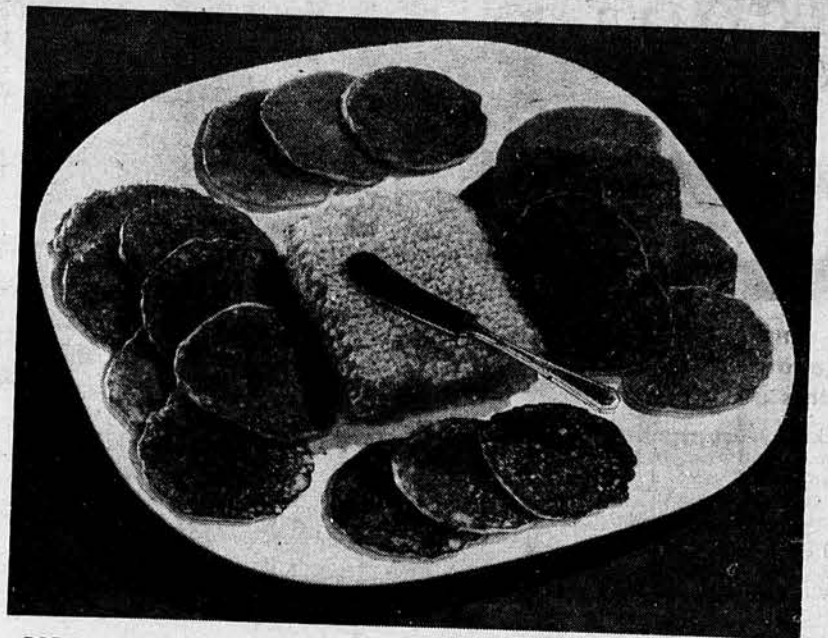
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## The Recipe Corner



POTATO PANCAKES are brought up-to-date by starting with pancake mix.

POTATO pancakes are as old-fashioned as high-button shoes but they are good eating in any age. They're almost a lost art in many homes. In this day of the ready-mixed package, they can be just as good and nourishing and more quickly made. One tip . . . Use the potatoes as quickly after they have been grated as possible so they will not darken.

### Potato Pancakes

- 1 cup pancake ready-mix
- 1 teaspoon salt
- 1 cup milk
- 2 eggs, beaten
- 2 cups grated raw potato (about 5 medium)
- 1 teaspoon grated onion
- 2 tablespoons melted butter

Add salt to pancake ready-mix and combine. Add milk and beaten eggs, stirring lightly until fairly smooth. Fold in grated potatoes, onion and melted butter. Pour one-fourth cup of batter for each pancake onto a hot, lightly-greased griddle. Bake to a golden brown, turning only once.

### Honey Crisp Coffeecake

- 1 1/2 cups sifted flour
- 2 teaspoons baking powder
- 1/2 teaspoon salt
- 1/2 cup sugar
- 1 egg, beaten
- 1/2 cup milk
- 3 tablespoons melted shortening

Sift together flour, baking powder, salt, and sugar. Combine egg, milk and shortening. Add to flour mixture, stirring until mixture is smooth. Pour into greased 8-inch square or 9-inch round pan. Top with honey crisp topping given below. Bake in moderately hot oven (400°) about 30 minutes. Makes 1 coffeecake.

### Honey Crisp Topping

- 3 tablespoons softened butter
- 1/2 cup honey
- 1/4 cup shredded coconut
- 1/2 cup crushed corn flakes
- 1/2 cup drained, crushed pineapple

Cream together butter and honey until light and fluffy. Add coconut, corn flakes, pineapple and mix well. Spread on coffeecake batter and bake as given above.

### Indian Pudding

In New England, mention of desserts is not complete without Indian Pudding. There it is even found on the grocer's shelf in cans, ready to be heated and served with cream or ice cream. This recipe has a luscious flavor and tantalizing aroma. Serve at the close of a light meal.

- 3 cups milk
- 1/2 cup yellow corn meal
- 1/2 cup dark molasses
- 1/4 cup sugar
- 1 teaspoon salt
- 1/2 teaspoon cinnamon
- 1/4 teaspoon nutmeg
- 2 tablespoons butter
- 1/2 cup raisins (if desired)
- 1 cup cold milk

Heat 3 cups of the milk in top of double boiler. Add corn meal, molasses, sugar, salt, spices and butter. Cook

over hot water, stirring occasionally for about 20 minutes or until mixture thickens. Add raisins if used, and stir. Pour into a 1 1/2-quart casserole and add remaining cold milk without stirring. Bake in slow oven (300°) for 2 1/2 hours. Serve with cream or slightly melted vanilla ice cream.

### Baked Lima Beans With Sausages

- 1 1/4 cups dry lima beans
- 1/2 medium onion, chopped
- 3 tablespoons celery, chopped
- 1 1/2 teaspoons salt
- 1/8 teaspoon pepper
- 9 small link sausages

Soak the beans. Add onion, celery, salt and pepper to the water and cook until done. Drain if there is too much water. Grease casserole and turn the beans into it. Arrange sausages over the top and place in a hot oven (450°) and bake about 30 minutes, until sausages are brown and cooked thru.

### Honey-Glaze Sweet Potatoes

- 6 sweet potatoes
- 1/2 cup honey
- 6 tablespoons butter, melted

Boil sweet potatoes without paring until tender. Drain at once. Pare and cut in halves, lengthwise. Lay evenly in a shallow baking pan. Mix honey and butter and baste sweet potatoes. Brown in oven about 350° or in the broiler. Serve in the sirup.

### Save the Leaves

The least one can do is to rake leaves from the lawn into a good, deep pile, fasten them down with wire or boards to keep them from blowing away, and sprinkle the leaves with a few handfuls of commercial fertilizer.

For those who want to make a real compost pile, fall is a fine time to start. One method is to pile soil and manure and other organic matter in alternate layers in a neat, flat-topped pile with vertical sides, so that the organic matter will rot down without leaching. Thin layers of soil should alternate with layers of organic matter, the bottom and top being soil. During dry periods the compost pile should be watered occasionally.

If no manure is available to hasten decay, a few handfuls of fertilizer high in nitrogen can be thrown over each layer. Decomposition can be speeded by turning 2 or 3 times a year.

### Feeding a Crowd

For women who are called upon to serve as supper chairman for a church, school or other neighborhood group, there is a new booklet just off the press. It has menu suggestions, a buying guide and recipes for 50 to 100 servings, all originating in the General Foods Institution test kitchen. We can recommend the booklet, "Feeding a Crowd," and will have a copy sent free upon request to Home Editor, Kansas Farmer, Topeka.



# Stop Taking Harsh Drugs for Constipation

**End chronic dosing!  
Regain normal regularity  
this all-vegetable way!**

Taking harsh drugs for constipation can punish you brutally! Their cramps and griping disrupt normal bowel action, make you feel in need of repeated dosing.

When you occasionally feel constipated, get gentle but sure relief. Take Dr. Caldwell's Senna Laxative. It's all-vegetable. No salts, no harsh drugs. Dr. Caldwell's contains an extract of Senna, oldest and one of the finest natural laxatives known to medicine.

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## Save Money On This Home Mixed Cough Syrup

**Big Saving. No Cooking. So Easy.**

You'll be surprised how quickly and easily you can relieve coughs due to colds, when you try this splendid recipe. It gives you about four times as much cough medicine for your money, and you'll find it truly wonderful for real relief.

Make a syrup with 2 cups of granulated sugar and one cup of water. No cooking needed. (Or you can use corn syrup or liquid honey, instead of sugar syrup.) Then put 2 1/2 ounces of Pinex (obtained from any druggist) in a pint bottle, and fill up with your syrup. This makes a full pint of medicine that will please you by its quick action. It never spoils, and tastes fine—children love it.

This simple mixture takes right hold of a cough. It loosens the phlegm, soothes the irritated membranes, quickly eases soreness and difficult breathing.

Pinex is a special compound of proven ingredients, in concentrated form, well-known for its quick action in coughs and bronchial irritations. Money refunded if it doesn't please you in every way.

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READY-MIXED, READY-TO-USE PINEX!**

## Contest Stories Arriving

EVERY day more contest stories arrive. And we say the more the merrier. If you are in the seventh or eighth grade and live on a Kansas farm and attend a rural school, you are eligible to enter the *Kansas Farmer* story-writing library book contest.

Read the rules below carefully before you start. Clip this announcement and talk it over with your teacher. Remember your teacher will select the best one from your school and mail it to us. If your school is supervised by the county superintendent it is a rural school.

All the stories must be in this office by December 1, as that is the closing date. Winners will choose from a list of books prepared by Mrs. Ruth Gagliardo of the Kansas State Teachers Association. She is well known in Kansas as director of the Traveling Book Exhibit and editor of the Children's Book Shelf in the *Kansas Teacher Magazine*.

### Here Are the Rules

1. Subject, "We Need More Books for Our School Library, Because . . ."
2. The story must not be longer than 300 words.
3. The family farm must be at least 3 acres.
4. Winners of last year's contest are not eligible, but other students of the same schools are eligible.
5. The story must be the work of the seventh or eighth grader submitting it.
6. Story must be plainly written or typed.
7. The paper must be 8 1/2 by 11 inches and written on one side only.
8. The teacher of a school will select the best one from those written, as only one entry from a school will be considered.
9. Send the story to Florence McKinney, Women's Editor, *Kansas Farmer*, Capper Publications, Topeka.
10. To be eligible for grading, all stories must be received in this office by December 1, 1951.

### Awards to Be Given

First prize: A personal cash award of \$25 to the boy or girl winner, plus \$100 in books for local school library.

Second prize: A personal cash award of \$15 to the boy or girl winner, plus \$75 in books for the school library.

Third prize: A personal cash award of \$10 to the boy or girl winner, plus \$50 in books for the school library.

We may give additional prizes at the end of the contest judging, depending on the number of high-rating stories received.

### For Autumn Parties

#### A Harvest Party

Directions for the Harvest Twins

These leaflets will help you plan your autumn parties. Suggestions are given for invitations, decorations, games, and refreshments. Please address Entertainment Editor, *Kansas Farmer*, Topeka, and enclose 3c for each leaflet.

### Trouble Sleeping?

An easy-to-digest snack before bedtime helps to make nights more restful for grown-ups. Snacks of milk and cereal, crackers or bread and butter are likely to help you go to sleep more quickly. And you'll sleep more quietly. Late research shows that after a milk and cereal snack, adults moved 6 per cent less than when no bedtime food was taken.

Simple snacks make for restful sleeping on the theory that they divert to the digestive organs, some of the blood that would ordinarily go to the extremities. And this causes temporary mild "anemia" of the brain, making the person drowsy.

### A Housewarming Party

This leaflet is suitable for a group to use in planning a housewarming for a friend or neighbor. It includes the games, entertainment and refreshments. Send 3 cents to Entertainment Editor, *Kansas Farmer*, Topeka.



MISS SUSIE WEDEL of Canton, Kan. When we visited her flock in October to take this photo, Miss Wedel said: "My Hy-Line hens have continued to lay well after completing their year's lay. They averaged 66% production during August and September." High egg production for 14 or more months is a plus value in Hy-Lines.

**MISS WEDEL'S HY-LINES**  
**Averaged 260 Eggs Per Bird**  
(From August 1, 1950, to July 31, 1951)  
**Good Management & Good  
Feed Netted \$4.92 Per Bird**  
With *Hy-Line* Hybrids

MISS SUSIE WEDEL of Canton, Kan., housed 277 Hy-Line pullets on August 1, 1951. These Hy-Lines laid a total of 72,179 eggs in one year for an average of 260.6 eggs per bird housed. Miss Wedel culled 23 birds; 16 died . . . leaving 238 hens in her flock at the end of the year's lay. Her flock depletion was 14.1% for the year. And that is not all. Miss Wedel earned a net labor profit on this flock of \$4.92 per bird . . . over all expenses including the cost of chicks and rearing the pullets.

## HY-LINES ARE PRODUCING 20% MORE EGGS In 52 "Divided Flock" Tests

The 52 Kansas farmers who are conducting "divided flock" tests, report: Their Hy-Lines are averaging over 20% more eggs than their standard-breds and crossbreds. These farmers wanted to know: "Are Hy-Lines more profitable?" They have learned that on the average, Hy-Lines pay for their extra cost as chicks in about 3 months of production. Then Hy-Lines earn extra egg profits during the other 9 months of the year. Send for a complete report of these divided flock tests.

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(KF-11-51)



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Santa Fe Lines, Topeka, Kansas

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The Capper Foundation for Crippled Children, Topeka, Kansas

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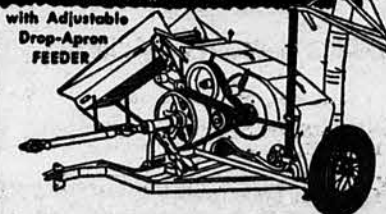
### Housework Easy Without Nagging Backache

Nagging backache, loss of pep and energy, headaches and dizziness may be due to slowdown of kidney function. Doctors say good kidney function is very important to good health. When some everyday condition, such as stress and strain, causes this important function to slow down, many folks suffer nagging backache—feel miserable. Minor bladder irritations due to cold or wrong diet may cause getting up nights or frequent passages.

Don't neglect your kidneys if these conditions bother you. Try Doan's Pills—a mild diuretic. Used successfully by millions for over 50 years. It's amazing how many times Doan's give happy relief from these discomforts—help the 15 miles of kidney tubes and filters flush out waste. Get Doan's Pills today!

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Grain and Roughage Mill  
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Hastings, Nebraska—Manufacturers

## A Country Woman's Journal

By MARY SCOTT HAIR

"I keep some portion of my early gleam  
Brokenly bright, like moonbeams on  
a river,  
It lights my life, a far illusive dream,  
Moves as I move, and leads me on  
forever."  
—John Townsend Trowbridge.

NIGHT has drawn her soft, dark curtains around our little valley, shutting it in with a deep, comforting silence broken by night sounds typical of country towns. With doors and windows now closed against the evening's chill, man-made sounds are muffled and the wrangling noises dimmed. How welcome these first early twilights are, after busy days! As the days shorten and one spends more time indoors, summer's tension and hurried hours begin to lose their quick, sharp edges and gradually a feeling of all's well invades one's heart, there to remain for a season.

A fire burns on the hearth tonight. Our fireplace chimney housed the usual family of swifts, three different nests full of them. I was beginning to wonder whether the last ones would get out of their deep chimney home in time to join others preparing for their long migration journey. They came earlier in the spring than common, too. The parents made countless numbers of dives down into that chimney, caring for the sooty black babies. Two fell down and had to be liberated almost before their wings were strong enough for flight.

On evenings such as this I breathe a sigh of relief and begin taking stock of past months. They have been months when I've had to live by my own philosophy more times than one, for my daughter reminded me, "You've always told me how to hold on just a bit longer until things changed, now it's your turn to try out your own theories."

And I did try them. Some failed me completely, some will do to repeat, some I shall keep in my heart for they were tried by fire, as it were. One concession I've had to make: I've often said, and believed, that a woman can do anything in skirts just as well as she can if she's wearing trousers or slacks for I dislike the looks of them. You should see me now. I have on a pair of faded jeans, with my blouse out over the top! That's to save washing and ironing, and I've found they really are more convenient for wearing early mornings when the cows have to be brought in from the north woods, our bit of woody pasture land to the northwest.

One of my journal readers once wrote me, "Do you actually keep a journal, or do you just remember things that happen and write them down?" My reply was, "Some of both."

Each new year finds me with a new book of some kind, maybe just a notebook for they have a way of being kept where more elegant-looking volumes end the year with blank pages. And I begin each new year bravely, with many words or just a few, depending upon the mood of the hour. On a farm there's always something to write about.

My friend Margaret gave me a beautiful leather-bound book for this year's scribbles and its pages are well-filled until the second week in June. For this was our county's 100th year as a county and we celebrated with a centennial. Accounts of these events, told with glowing phrases, make the whole thing live again as I review my book.

Only 2 entries after that. One reads: "The Mister is very ill. We took him to the Veterans hospital today and I am alone." Then on the 14th day of July the book says: "The Mister came home and is walking on crutches."

It wasn't that there was little to write during those busy days, for I really should have borrowed some time to recount the details of our visits to the hospital in another state where he was a patient, and of our long drives back and forth to the hospital, getting

there in time to spend 2 hours with him, then making the long journey home. We always arrived too tired to do the chores, such as milking and rounding up the sheep, but they had to be done regardless. We were glad when we'd made the last trip.

I've often prided myself on being a Country Woman (capital letters, please). True, I couldn't milk a cow because I taught and played the piano and somehow the 2 did not mix, for me. And I'd never learned to drive a car or truck. Now, overnight, I found myself afoot because I couldn't drive our truck, with 2 cows to milk and no strength or know-how to get the job done. A fine country woman I'd turned out to be, I told myself ruefully.

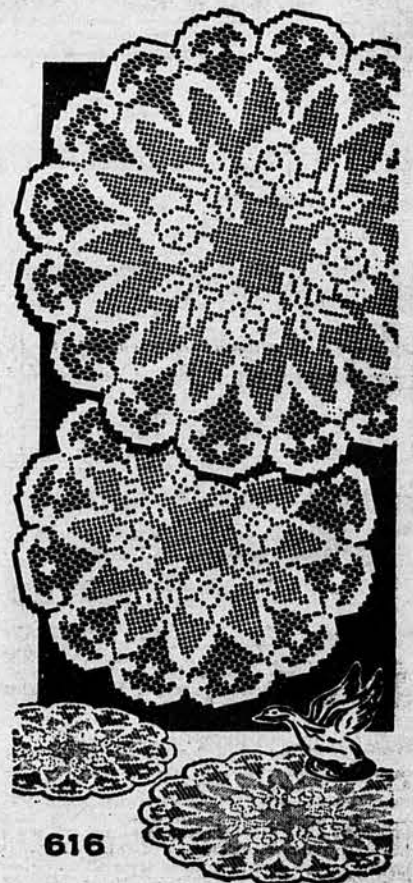
I feel that way until I remind myself of two things. If this ended like a story out of a book I'd be a real heroine and tell you how I learned to milk Brownie and Roxie, then end up by admitting I also learned to drive Old Zodiac and it wasn't a bit hard to do! But telling the truth in this case is much less glamorous, for I'm in the very same pickle I was in to begin with. I still can't milk a cow or drive a truck.

### A Rainy Day Prayer

Please give me a larger kitchen  
For I've no room to spare.  
The table holds construction blocks  
And toys are everywhere.  
There's a wagon in the corner  
And a tricycle blocks the door.  
The roller skates are strewn about  
Each quarter inch of floor.  
A couple of trucks and a dolly  
Occupy a kitchen chair.  
And the oven door is creaking  
'Neath the weight of a teddy bear.  
Give me patience till tomorrow  
When the toys can be put away.  
But God, please bless each mother  
When it rains, as it did today.

—By Margaret Fenn.

### Something New



616

Scallops are favorite trimmings on filet crochet doilies. In fine or heavy cotton, they're simple to make from easy-to-follow charts. Doilies are 12 to 16 inches across in No. 50 cotton. Pattern 616 gives charts and directions.

Send 25 cents to Needlework Editor, Kansas Farmer, Topeka.



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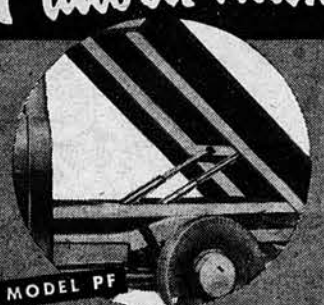
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**MANUFACTURING CO.** Cambridge City, Ind.

## Deferred Feeding

(Continued from Page 6)

chamber of commerce members offered to provide cars if farmers in the area would go with us to a Kansas State College Feeders Day program. We got 28 carloads—about 100 farmers—to go that first year. We saw the experimental cattle in feed lots and heard results of feeding experiments. It sounded good and some of our farmers were interested.

"The next year," Mr. Zimmerman continues, "our chamber of commerce started an annual feeders day program of our own here in Whitewater. We decided to bring research to the farmers. Dr. C. W. McCampbell, at that time head of the livestock department at Kansas State College, was the speaker, and went into more detail on deferred feeding. That was its beginning here."

### First Calves Did Well

As nearly as old-timers can remember the first farmer to actually try deferred feeding in the Whitewater area was Ralph Gfeller. He went to Texas and bought a prize load of calves. The cattle were financed by Donald Joseph's father. These cattle did so well other farmers tried it. By the middle 1930's deferred feeding was an established practice in the area and at present there probably is a higher percentage of farmers in the deferred feeding program around Whitewater than any other section of the state.

Let's visit a few farmers in the area now, to see how long they have been in the deferred feeding program and to find out why they feel it is such a success for them.

Arnold Claassen, one of the Claassen Brothers, says: "I have been in the program since 1928 or 1929. Guess I was one of the first." As a member of the Farm Management Association, he has been keeping accurate records on his cattle operations since 1930 so was prepared when asked: "How many times have you deferred fed cattle lost you money?"

"They never have," he answered promptly. "In 1932 they failed to make any money and we lost our labor, but we stayed solvent when many farmers handling heavier cattle went under." Mr. Claassen believes the deferred feeding program has resulted in farmers of that area sticking to livestock instead of turning to cash grain.

### Lost Only First Year

Alfred Regier, who has been in a deferred program since 1940, says: "The calves I purchased in fall of 1948 lost some money but I have made money every other year." He handles 100 calves each year and doesn't worry about what conditions might be like when he is ready to sell. "It's like 'Dad' Weber says," he explains, "if you don't have a cattle program you soon have a cattle problem. I never worry about markets a year ahead."

Emil Wiebe, who has been doing it 15 years, says he has handled 200 calves a year and never lost money. When asked if he thought replacement calves were too high priced now, he grinned and said: "I once bought some for 10 cents a pound and I thought they were too high."

Then Mr. Wiebe went into a little mathematics on cattle prices. "If you buy a 400-pound calf at 5 cents a pound," he says, "and sell him at 1,000 pounds for 20 cents a pound you find your original cost was \$20, your selling price \$200, which leaves you a spread of \$180. Now, supposing you buy a 400-pound calf at 30 cents a pound and sell him at 1,000 pounds, also for 30 cents a pound. He cost you \$120 and you sold him for \$300, which still gives you a spread of \$180. When prices are high you get that much more for your gain," he says.

Albert Claassen has been in deferred feeding 17 years and says he broke even one year—1936-'37—because of the corn price, but has made money (Continued on Page 32)

## For Children

"Why Holly Has Green Leaves" is a jolly little play full of the Christmas spirit. There are parts for several boys and girls. Order from Entertainment Editor, Kansas Farmer, Topeka. Price 5c a copy.



# Extra Protection

## YOU GET IT WITH HI-V-I MOTOR OIL!

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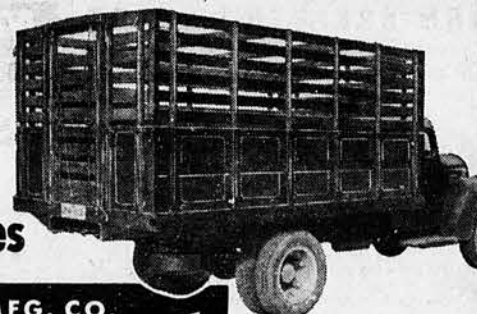


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**REDUCE POWER LOSSES** with the Dempster Shallow-Well Reciprocating Pump. It's designed to cut power cost and deliver large quantities of water inexpensively from nearby wells or cisterns.

**INCREASES FARM PRODUCTION**—Plenty of fresh, clean water at the turn of a tap puts profitable weight on cattle, fat on hogs, and grade "A" eggs in the nests. You need water by the gallons, not by the buckets, to get farm production in high gear. The small cost of having running water with a Dempster System is more than offset by the extra money it earns in extra production.

**SAVES VALUABLE WORK TIME**—The hours you spend carrying water should be spent doing other farm work. The pump-and-carry method is a hard, time-consuming chore that keeps you away from dozens of real money-making jobs. And remember, a Dempster Water System not only saves you time and helps you earn more money, but it brings city living right to the farm—so that life is easier and more convenient. Act now! Ask your dealer for a free estimate on the cost of installing a Dempster Water System.

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## Ask for Seals to Boost Crippled Children Fund



"Winter" by Ranulph Bye

This peaceful winter landscape has been reproduced in four colors and will be distributed as Christmas seals during the holiday season for the benefit of crippled children. They are the kind of seals you like to have on hand to brighten up your parcels, letters and greeting cards.

A sheet of 100 gummed and perforated seals will be sent to each person who expects to make a cash contribution to the crippled children fund between now and Christmas. Just make a small gift to crippled children and get all the nice seals you will need free. Fill in and return this coupon today. You can make your contribution any time before Christmas—the 31st birthday of the Capper Foundation.

The Capper Foundation for Crippled Children,  
8th & Jackson Sts., Topeka, Kansas

Dear Sir:

Yes, you may send me a package of those beautiful seals at once. I'll make my contribution to the crippled children fund sometime between now and Christmas.

Name .....

Address .....

## Just What You've Wanted!

Thousands of Kansas farm families are interested in remodeling their farm homes. *Kansas Farmer* has a real treat in store for you on this subject. We are planning a double feature story for December 1, *Kansas Farmer* on how 4 farm families improved their homes on limited budgets.

One story will show before and after plans on the 4 houses and tell what it cost to make the changes. The second story will cover some of the best ideas these 4 families used to get the most for their money. These ideas may be just what you have been looking for—so—don't miss them in the December 1, 1951, issue of *Kansas Farmer*.

## Deferred Feeding

(Continued from Page 31)

every other year. He has won 1st place in the Kansas Beef Production Contest 4 times and has placed among the top winners more times than any other man in Kansas. Where the program calls for 250-pounds gains the first winter Mr. Claassen sometimes gets above 300 pounds. This summer, by extending his pasture season to October 1 and feeding a little over 2 pounds of cake a day per steer the last 60 days, he got gains of 249 pounds on grass.

### Can't Remember Ever Losing

G. A. Harder is a veteran at deferred feeding. He now operates in partnership with his son Gerhard. "I can't remember ever losing money on cattle since I changed over to a deferred program," Mr. Harder says. The Harders experimented this summer on mixing salt with cake to limit consumption. "We cut down on labor by putting out a 3-day supply of cake each trip," says Mr. Harder. "We mixed the salt in at a rate of 1/2 pound to each 2 pounds of cake and fed the mixture in the pasture the last 30 days the cattle were on grass. Like several other feeders in the area, the Harders have been handling both steers and heifers the last few years. "Heifers are very little extra trouble if you have lot space," says Mr. Harder, "and they give you an extra chance to hit a good market."

### These Points Help

Altho farmers in the Whitewater area vary in details on their feeding practices, they generally agree on a few things that help to bring success with deferred feeding. Here they are:

1. Quality of calves is essential and cannot be overstressed. "There is a definite limit to what you can do with a poor calf but almost no limit to the amount of weight you can put on a good one," feeders say. Many buy Kansas produced calves from the same producer year after year because they know what the quality is.
2. When calves first arrive on the farm they should be kept in the lots on good dry roughage 4 or 5 days until quieted down.
3. As soon as calves are ready to turn out of the lots it is essential to have some good cereal pasture available. Brome grass is becoming increasingly popular in the Whitewater area as a supplementary pasture, also. Good cereal pasture, say these breeders, helps keep milk fat on the calves.
4. Calves weighing 400 to 500 pounds winter better than lighter weight calves and require less grain.
5. It is important to winter calves well if you want to finish them out on time the second fall.
6. Be sure to get your calves early. October 1 is the ideal date. Then you

can get the first winter's gain of 250 pounds. If you wait or get calves late you lose out on the winter gain, and either can't make it up or your marketing is thrown out of gear and you hit a lower market after January 1. (We're talking about normal markets and not government-manipulated markets). Some feeders say they have less trouble with shipping fever on October 1 calves.

7. Generally speaking, you should bring your calves into the lots off pasture at a regular time every year (say August 1) regardless of condition of the grass. This regularity insures that your program will be maintained as to timing.

8. Be sure to spray cattle for grubs and other parasites and for flies.

It remains for A. J. Nigg, president of The Bank of Whitewater, to sum up

## Fun for Outdoors

For that wiener roast or holiday gathering it is well to have some games ready for entertainment. Our leaflet, "Fun Making Games for Every Kind of Party," has several games for the outdoor party. Send 3c with your request to Entertainment Editor, *Kansas Farmer*, Topeka.

why deferred feeding is such an established and successful cattle program in that area. "I like to lend money for deferred feeding," says Mr. Nigg, "for several reasons."

"Deferred feeding gives the producer 3 opportunities to take a profit. If he starts with a 400-pound calf in the fall, he can turn it at grass time early the next May when there always is a good demand. If he doesn't want to sell then he can own or rent the best grass in the U. S. in the near-by bluestem area.

"His second opportunity to sell is at the end of the grass season when full feeders are looking for cattle. By then the producer can foresee what his corn and sorghum crop is going to do. If he doesn't have enough grain and roughage to go ahead and feed he can sell.

"And, finally," says Mr. Nigg, "an animal used in the deferred program is constantly growing in value. When the producer goes to sell the price can be 50 per cent less per pound than he paid for the calf and he can still pay his note. His loss will be only his feed and labor. Few livestock projects offer that much margin on which to operate."

There is a reason for Mr. Nigg's confidence in deferred feeding. "I have never lost a loan on a deferred feeding project," he says.

## Turn in Old Farm Scrap Now

Here's a way to boost your farm income and help increase production of new steel in the nation's defense emergency. Comb your farm for scrap metal, then sell it to your local dealer. He'll see that the metal gets back into production. The need is urgent.

These items are especially valuable in the present drive for scrap metal—old electric wire, worn-out machinery and equipment such as plow points and shares, worn-out storage batteries, water tank towers, old cultivator shovels and sweeps.

For names and addresses of reputable dealers of scrap and junk, see your farm equipment dealer, county agent, or members of County Agricultural Mobilization Committee.

Altho the national "scrap harvest" week ended November 15, the need for old farm scrap continues.



## Kansas Farm Bureau Elects Officers

Officers of the Kansas Farm Bureau for 1952 will be the same who served this year. These men were re-elected at the recent annual convention in Wichita: Herman A. Praeger, Claffin, president; W. I. Boone, Eureka, vice-president, and J. D. Smerchek, Manhattan, secretary-treasurer.

Other officers elected include: State Farm Bureau board of directors—John J. Armstrong, Muscotah; Clyde Clubine, Havana; E. F. Leckron, Abilene; W. A. Zook, Larned, and George McCaustland, Bucklin.

Delegates to American Farm Bureau Federation convention at Chicago in December—Mr. Praeger, Mr. Zook, Mr. Boone, Lee T. Burnett, LaCygne, and Frank Anderson, Dodge City.

Farm Bureau Associated Women—Mrs. Victor Harflich, Garden City, chairman; district chairman, Mrs. K. C. Braden, Eureka; Mrs. A. W. Griffith, Beloit; Mrs. Harold Wingert, Wellsville; Mrs. Virgil Morton, Achilles; Mrs. C. Bennington, El Dorado, and Mrs. Wallace White, Coldwater; Delegates to Associated Women's national meeting—Mrs. Harflich, Mrs. E. J. Richards, Belleville; Mrs. Bennington, Mrs. Wingert and Mrs. Morton.

## Cite National 4-H Boosters

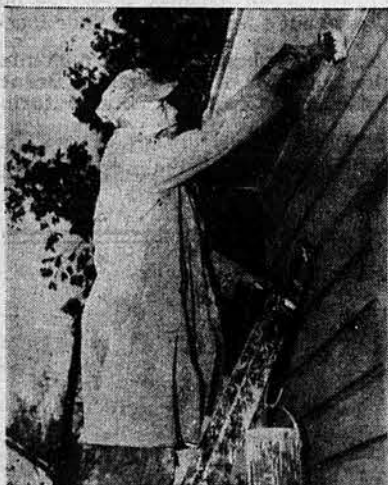
Named as 1951 national-citation winners as friends of 4-H Club work are Edward J. Leenhouts, manager, stockyards and agricultural development, New York Central Railroad System, New York; C. L. Mast, Jr., editor, Agricultural Leaders Digest, Chicago, Ill.; Emmie Nelson, field representative, National Committee on Boys' and Girls' Club Work, Chicago, Ill.; Mrs. Alice D. Pearson, homemaker; Paul S. Willis, president, Association of Grocery Manufacturers of America, New York; Ira O. Schaub, retired director of North Carolina School of Agriculture, Experiment Station and Extension Service, Raleigh, N. C.; Mrs. Jane S. McKimmon, pioneer in development of home demonstration and girls' 4-H Club program, and Clarence Poe, editor, Progressive Farmer, Birmingham, Ala.

Each year the National 4-H Club Camp presents citations to "certain selected persons who over a period of years have made distinct contributions to the nation-wide development of the 4-H Club program."

## New Legume Seed Harvesting Machine

A new agricultural machine is being made. Kansas State College agricultural engineers are supervising the building of an experimental machine to harvest clover, alfalfa, other legume seeds. Many pounds of legume seeds are lost yearly because there is no efficient harvesting machine. Last year, a field of 3 bushels of sweet clover seed an acre brought Kansans greater returns per acre than did wheat.

## Freshening Up



DAYS DRY enough to paint have been few and far between this season and usually field work has taken preference. But we were able to catch Will Hook freshening up his house before winter set in. He did some major remodeling to his home after moving it 3½ miles to his 80-acre farm near Humboldt. He has been busy, too, remodeling and building other buildings. He has a herd of 12 milk cows and also works at the cement plant.



## 1 FARM PONDS ARE GOOD INVESTMENTS

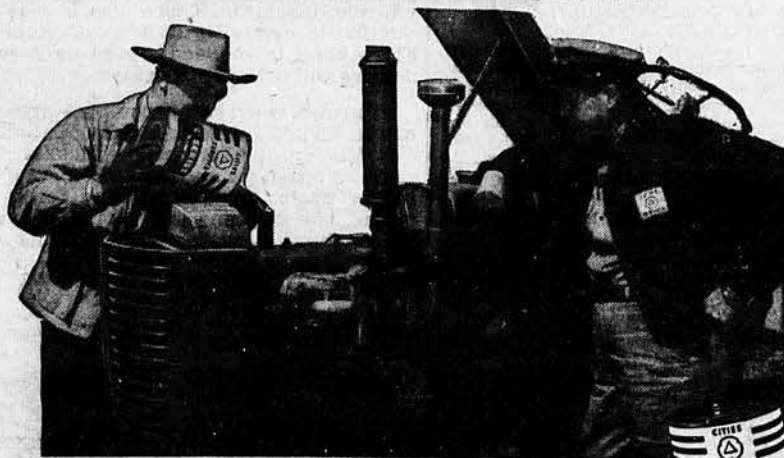
They supply a water reserve for livestock and fire protection. They make garden and orchard spray available. They can provide for fish and wildlife, and family recreation. The "off-season" is a good time for construction. USDA has directions.



**2 SAVING APPLES.** They get more bruises in packing plants than on farms, says USDA, but should be handled with care—always. Advice on reducing losses is available to growers and packers, through USDA.



**3 YOU CAN FREEZE MORE** by systematic packing of your freezer. Rectangular containers—different sized boxes you can often save up—will "nest in" best, says USDA. But figure out the size combinations that are most efficient in your freezer space.



## 4 MAKE YOUR OWN "WINTER TEST" OF CITIES SERVICE C-800 OIL

In gasoline type engines you'll get easier, faster starting that tells you this finer, free-flowing oil is on the job instantly against costly wear. And Cities Service C-800 oil holds its rich body in toughest, steadiest service—because it's made from more suitable crudes, refined and compounded in one of the world's foremost modern refineries. *Special Note:* Cities Service C-800 oils keep engines much cleaner—save opening up and tearing down. For correct C-800 grades to safeguard any of your engines, ask your helpful Cities Service Farm Representative. Call him now.



## 5 TROJAN GREASES "FENCE OUT" WEATHER AND EXCESS WEAR

(a) They're made in special types for each different farm use. (b) Consistency is right to get your Trojan grease all the way in to the "trickiest" bearings. (c) Trojan greases stay put; make the usual foreign matter keep out. (d) Scientific formulas make Trojan greases stand up against the most grueling conditions, and keep it up. Get full facts from your Cities Service Farm Representative now.





## A CONCRETE BARNYARD

**helps you raise more beef  
with less feed and labor**

Many farmers are paving their feed lots with concrete as a means of increasing their profits on beef and pork production. A concrete paved lot saves feed and labor—leaves more feed for pigs following cattle—saves manure.

Authorities say a concrete feed lot is worth \$7 a head per year in direct savings.

A concrete pavement will last a lifetime, and the cost is surprisingly low. If you need help, get in touch with your concrete contractor, ready-mixed concrete producer or building material dealer.

Write for free booklet on feeding floors and barnyard pavements, or other lasting concrete improvements.

Paste coupon on penny postal and mail today

### PORTLAND CEMENT ASSOCIATION

1627 Dierks Bldg., Kansas City 6, Mo.

☐ Yes, I am interested in paving my barnyard or feed lot. Send booklet. Also "how to build" booklets on improvements checked:

☐ Milk house ☐ Granary ☐ Poultry house floor  
☐ Manure pit ☐ Dairy barn floor ☐ Water tanks, troughs

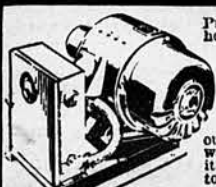
Name \_\_\_\_\_

Street or R. R. No. \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

## KILL Power Failures



Protect your farm and home NOW with this low-cost stand-by generator that operates from tractor belt or gas engine. Complete with water-proof safety switch. Why wait until your lights go out, stoker, refrigerator, water, radio stops—then it's TOO LATE. Write today for full details.

**WINPOWER**  
NEWTON, IOWA

## INVEST TODAY Buy U. S. SAVINGS BONDS

### NEW JAMES HULLLESS OATS SEED

SEE THIS NEW AMAZING MULTIPLE POD HULL-LESS OATS, 3 to 5 kernels to pod—outyields may standard varieties. Write us at once on this new wonderful hull-less oats. Ideal feed for all poultry and young pigs. Needed on every farm. Write today for yield reports, picture facts and send 10¢ for test sample OR 30¢ for EXTRA LARGE test sample. Postpaid. YOU WILL BE SURPRISED AND AMAZED. Dept. K. WM. GALLOWAY & SONS COMPANY (ORIGINAL) WATERLOO, IOWA

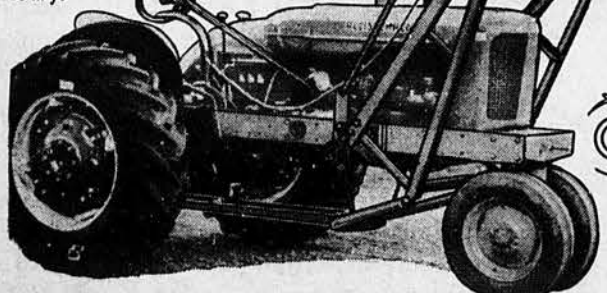
## A BALANCED LOAD AT ANY LEVEL

FULL SCOOP • NO SPILLING • When You Own a

### Jayhawk HYDRAULIC LOADER

Get the loader with the single precision machined cylinder and patented automatic load leveler. Lift a full scoop every time without spilling or sideways. Easy to attach, detach. Operates off most built-in pumps. Works in barns, sheds, anywhere a tractor can go.

And the saving in time, labor and high wages will soon pay for it. See the Jayhawk dealer. Write direct for FREE CIRCULAR and full details.. today.



Fits More Than 60 Row Crop and Wide Tread Tractors.

Sweeprake, Bulldozer, Hay Crane, Snow Scoop and Push-Off Stacker Attachments.

Here's How the Jayhawk automatic load leveler balances the scoop at any height to prevent spilling.

THE WYATT MFG. CO., INC.

JAYHAWK FARM IMPLEMENTS SINCE 1903  
DEPT. L-502 SALINA, KANSAS

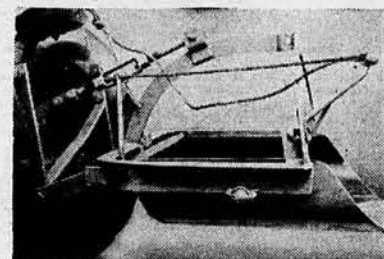
## Have You Heard?



### Notes on New Products and Folks Who Make Them

A NEW chisel-tiller now on the market is said to operate efficiently at lighter draft in all types of tillable soils. Users report it works especially well in hard, dry or trashy fields, holding the desired depth uniformly without jumping out, and without excessive trash clogging. The chisel-tiller is produced in 4 models, affording a choice of 11 sizes with wings and extensions. Builder is Krause Plow Corp., Hutchinson.

The New Stockland Hydro-Scoop can be reversed and operated as a pushed shovel without loose attachments or fixtures of any kind. Manufacturer is Stockland Road Machinery Co., Minn. To reverse the new, improved model, all the operator has to do is

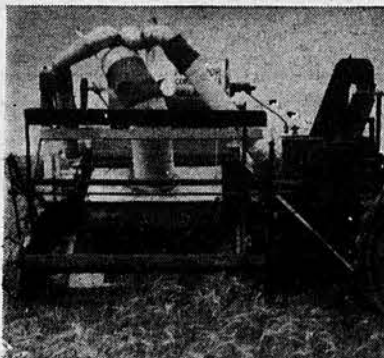


pull 3 pins, turn the scoop around and replace the pins. This operation takes only 2 or 3 minutes. The Stockland Hydro-Scoop is said to be the original hydraulically-operated scoop that digs, shovels, lifts, carries, dumps and levels.

Pioneer hybrids made the highest yield in all sections of the official 1950 Iowa Corn Yield Test. A Pioneer hybrid made the top performance score in each section among the 10 most widely-grown hybrids. For a folder describing Pioneer hybrids, write Pioneer Hi-Bred Corn Company, 1206 Mulberry St., Des Moines 9, Ia.

Sani-Flor is a vermiculite poultry litter that will keep chicks warm and dry. The product now is available nationally thru 34 processing plants, says Zonolite Co., Chicago. Sani-Flor is fireproof, nontoxic, verminproof, and an efficient insulator. There also is a reduction in mortality losses with Sani-Flor—being introduced to seed and feed dealers and to hardware stores.

"Farm-Mor" is a new combine-dryer of the Bishop Engineering Co., Dallas, Tex. The unit performs 2 distinct functions to speed up and control harvesting of grains, seed crops and forage crops. The combine operator can use his machine 24 hours a day, regardless



of surface moisture humidity. Also, the unit removes internal moisture while the crop is being harvested. The dryer can be mounted on any make or type of combine or harvester, is completely automatic in its operation. More details are available from the company, at Box 5021, Dallas.

The New Koyker auger for corn pickers promises to prevent many farm accidents as it helps men keep their hands out of dangerous machinery. The auger does the job of moving husks, vines, stalks, nubbins

and other debris out of the picker. Waste material is elevated into the wind, or passes thru husking rollers. Power comes from the picker.

Rosenthal Corn Husker Co., Milwaukee, introduces the Cornbine—a field husker-shredder. It cuts off corn stalks, removes and husks ears and puts them in a wagon, saves shelled corn in a sack, shreds stalks and blows them into another wagon or back onto ground. All this is done in one oper-



ation. And with one operator in the field at the rate of 8 to 10 acres per day. The Cornbine provides shredded fodder for roughage or bedding, or shreds the stalks for easy plowing, aids in corn borer control. This new method of "Once-over-the-field" harvesting saves time, labor, helps overcome manpower shortages. Cornbine is motor-driven or can be furnished with power take-off.

Start your preventive maintenance program now for crawler tractors, advises International Harvester Company. Consider and act on these factors: oil leaks and wash down; lubrication system; electrical system, combination system; cooling system; engine ventilating system, and winter storage.

The National Packet is an all-in-one heating plant. It includes a steel boiler, gas burner, tankless or storage-type heater for domestic hot-water supply, controls for hot-water space heating, other regulating devices. It is manufactured by The National Radiator Co., Johnstown, Pa. National Packet is used with manufactured, mixed or natural gas. Comes in 2 types—either one takes about 4 square feet of floor space.

T. V. Bingham has been appointed sales manager of the Wichita Branch of the Allis-Chalmers Manufacturing



Company. Prior to his promotion, effective September 1, Mr. Bingham was in charge of a block under the Kansas City branch. He has been continuously in the employ of the company for 15 years in Missouri and Kansas.



# Classified Advertising Department

## KANSAS FARMER Classified Advertising

### WORD RATE

10c per word each issue.  
Minimum—12 words.  
Names and addresses are part of ad, thus are billed at per-word rate.

Livestock Ads Not Sold on a Per-Word Basis

### DISPLAY RATE

Column Inches	Cost Per Issue	Column Inches	Cost Per Issue
1/2	\$4.90	2	\$19.60
3/4	\$7.35	3	\$29.40

Minimum—1 1/2-inches.  
Cuts are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.  
Write for special display requirements.

Kansas Farmer, Topeka, Kan.

### BABY CHICKS

Raise Coombs Chicks from real ROP trapnest-pedigree farm. Top quality egg production breeding. Coombs Leghorn Chicks, 250-322 egg strain. Strain-crossing gives real boost, livability, production. Australia Whites, ROP breeding. High speed layers. Crossbred for State College White Rocks. Fast feathering. Good layers. Excellent meat birds. Early order discount. Free circular. Coombs & Son, Box 6, Sedgwick, Kan.

Thousands AAA Pulorum Controlled Chicks—White Leghorns, Austro-Whites, Hamp-Whites, \$9.90; pullets, \$15.40; cockerels \$6.95; White Rocks, New Hampshire, Wyandottes, Barred Rocks, Rhode Island Reds, \$10.90; pullets, \$14.90; cockerels, \$10.40. Heavy Assorted, \$7.90. Prepaid. Live arrival guaranteed. Cass County Hatchery, Garden City, Mo.

White, Barred Rocks, Hampshires, Reds, Wyandottes, \$9.95; pullets, \$12.95; cockerels, \$10.95. White, Brown Leghorns, Austro-Whites, Black, Buff, Minorcas, \$9.95; pullets, \$15.95. Heavies, \$8.95. Mixed, \$7.95. Leftovers, \$6.95. Fryers, \$5.95. Barnyard Special, \$4.95 up. FOB 100% alive. Catalog. Bush Hatchery, Clinton, Mo.

DeForest Blue-blood Chicks Production or Broiler breeds. Hatching year around. Broad-breasted Bronze and Beltsville White Poults in season. DeForest Hatcheries, Box E, Peabody, Kan.

### SEEDS

King Ranch Bluestem Grass Seed. Planting instructions and prices. Guy Hutchinson, Uvalde, Tex.

### PLANTS AND NURSERY STOCK

Quick Bearing Fruit and Nut Trees, Shade Trees, Grape Vines, Berry Plants, Everblooming Rose Bushes, and Flowering Shrubs at Money Saving Prices. State and federal inspected. Satisfaction guaranteed. Write for free colored catalogue. East's Nursery, Amity, Arkansas.

### LIVESTOCK ITEMS

Make More Profit under average farm conditions. Raise Milking Shorthorns. For average farmer milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Write for Facts and Free sample copy of Milking Shorthorn Journal. American Milking Shorthorn Society, Dept. KF-5, 313 So. Glenstone, Springfield 4, Mo.

### DOGS

English Shepherds—Border Collies, America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed. Write for our own stock. Fairmount Farms, Cedar Falls, Ia.

Rat Terrier Puppies. Bred for ratters. Crusaders Kennels, Stafford, Kan.

### RABBITS AND PIGEONS

Earn Up to \$400 monthly raising Angora or New Zealand Rabbits. Plenty markets. Particulars free. White's Rabbitry, Newark 71, O.

### FARM EQUIPMENT

**SILO SEAL** Protect your silo walls  
Write today for free literature.  
McPHERSON CONCRETE PRODUCTS CO.  
904-1126 West Euclid McPherson, Kansas

Gigantic Surplus Equipment Sale. Amazing bargains. Savings up to 70%. A-C generators, hay winches, telephones, air compressors, paint spray outfits, water pumps, electric saws-drills, welders, chain saws, battery chargers, binoculars, contour levels, many other items. Freight prepaid. Rush card illustrated sale catalog. Burden Sales Company, 877 "O" Street, Lincoln, Neb.

Smalley # 50 All-Purpose Feed Mill. Practically new. Complete \$155.00 FOB Omaha, Neb. Remittance with order. R. C. Koch, Ctr. Custerdale, Manitowoc, Wis.

Wire Winder. Roll and unroll barbed wire with tractor power and speed. Low cost. Free literature. Midwest Wire, South St. Paul, Minn.

### MACHINERY AND PARTS

Post Hole Digger—Rapidigger for Ford or Ferguson tractors, 100% belt drive, safe, fast, economical. Many features that highest priced diggers don't have, say many who have used 5 years, and is 1/2 the price. Guaranteed performer. Write for information, Rapidigger—4805 Lowell, Lincoln, Neb.

One-Way and Disc Sharpener \$27.50 prepaid. Operates from any farm power. No dismantling. Guaranteed. Write for circular. Tri-State Automotive Co., Kimball, Neb.

### FOR THE TABLE

**HONEY** Mixed  
60-lb. Can \$10.50

Extracted—Pure as bees can make it.  
60-lb. Can Clover, FOB.....\$12.00  
60-lb. Can Mixed, FOB.....10.50  
12-lb. Can Clover Postpaid to 600 mi. 3.85  
12-lb. Can Mixed (Postpaid to 600 mi.) 3.50  
Order Promptly. Supply Limited.  
HAHN APIARIES, 1715 Lane St., Topeka, Kan.

Fancy Georgia Papershell Pecans, 75c per pound. Fancy Jumbo Pecan meats, \$1.50 per pound. Good Pecans. Prompt shipment. Prepaid. Baker-Dorris Pecan Co., Valdosta, Ga.

### EDUCATIONAL

**AUCTION SCHOOL** Learn Auctioneering  
America's Leading Auctioneers Teach You. Students sell actual Sales. Largest school in world. 17 years in operation. Don't be misled. Term soon. Free catalog. Write  
REISCH AUCTION SCHOOL, Mason City, Iowa

Be An Auctioneer. Terms soon. Actual experience. For information, write Missouri Auction School, Dept. 22, 3241 Paseo, Kansas City, Mo.

### FILMS AND PRINTS

## PHOTO CHRISTMAS CARDS

16 deckle Christmas cards and envelopes for \$1.00 from your negative. Add 35c if you send a picture. 8-exposure roll developed and printed 25c. Summers Studio, Unionville, Mo.

### 20 DECKLE REPRINTS 50c

6-8 Exposure roll developed and printed 25c; 12-exposure, 30c; Jumbo prints 4c each. Request complete prices.

Box 1068-KF Topeka, Kan.

Two Sets of "Deckledge" Prints with every 8-exposure roll finished 40c. Very finest quality. "Deckledge" reprints 3c each. Jumbo reprints 4c each. Brown Photo Company, 1910-32 Emerson, Minneapolis, Minn.

Don't Bother with Small Pictures! Get them all blown up. 8-exposure roll printed in Giant Size 35c. Beautiful work, fast service. Giant Foto Service, Box 2064, Dept. K, Lincoln, Neb.

Jumbo Prints—8-exposure, 35c. 12-exposure, 50c. 16-exposure, 65c. Reprints, 5c each. The Foto Farm, Dept. KF, Box 228, Norfolk, Neb.

Eight-Exposure Roll printed one of each 25c; two each 35c; one each Jumbo 35c. Star Photo, Denver, Colo.

16 Prints or 8 Jumbos from roll, 25c with this ad. 1 Skrudland, Lake Geneva, Wisconsin.

### WANTED TO BUY

Canaries, Parakeets Wanted—Best prices. Write for shipping directions. American Bird Co., 2609 W. 25th Pl., Chicago 6.

Wanted: Hare Hair, Tail and Mane. Rabbit skins, wool, pelts, beeswax, raw furs. Write for prices, shipping tags. Sturges Co., 2630 "N" St., Omaha, Neb.

### SAVINGS AND LOANS

Let the Mailman help you save. Our advertisement in this issue tells how you can save by mail and earn 3% at the current rate. We'll be glad to send you full particulars. Max Noble, president, United Building & Loan Association, 217 East Williams, Wichita, Kan.

### REMEDIES—TREATMENTS

Latest Methods treating Piles, Flatula, Colon-Stomach disorders. Write for free book. McCleary Clinic and Hospital, E1140, Excelsior Springs, Mo.

### HELP WANTED

Wanted—Men to work on ranch, married or single. Robbins Ranch, Belvidere, Kan.

### STAMPS AND COINS

77 Different United States—25c Premiums. General approvals. Leonards, 1143R North Keeler, Chicago 51.

### OF INTEREST TO WOMEN

Read Capper's Weekly and receive a gift. It's the most interesting and informative weekly newspaper you have ever seen. Write Capper's Weekly for details. Circulation Department K, Topeka, Kansas.

Stainless Steel, 18-8 Vapor Seal Sauce pans. One quart, \$6.50; two, \$7.95; 3 1/2, \$9.49; six, \$13.50. Eight-cup percolator, \$13.50. Major Company, 71 Milford, Springfield, Mass.

Fairmount Maternity Hospital—Seclusion and delivery service for unmarried girls. Adoptions arranged; low rates; confidential. 4911 E. 27th St., Kansas City, Mo.

Wedding Invitations, Napkins, Registers for Golden, Silver Anniversaries. Maas & Co., Bonner Springs, Kansas.

### FEATHERS WANTED

West Chicago Pays More! Get highest cash prices for your goose and duck feathers. Send sample for prices of used feathers. Free shipping tags. Prompt payment. Company highly rated. West Chicago Feather Company, Dept. C. G., 172 N. Aberdeen St., Chicago 7, Ill.

### MUSIC

Get Free Song Book! No charge, no obligation. Simply write for free 24-page catalog illustrating world-famous "Everybody's Favorite Series" music book collections. This catalog enables you to select and order from 86 books, totaling over 15,000 pieces of the world's best loved Standard, American Folk and Classical Music arranged for piano, vocal and all instruments. Free music book comes with catalog. Limited offer! Amco Music Publishing Company, 624 West 52nd Street, Dept. 1J, New York 19, N. Y.

### FARMS—MISCELLANEOUS

United Farm Agency's new Free Winter catalog of farm and country real estate bargains can help you plan your year for your future security in the country. Good pictures, many state terms, many equipped, hay and feed included. For special service, state requirements, desired location. Write for your catalog today—it's free! United Farm Agency, 2825-KF Main St., Kansas City 8, Mo.

Strout Catalogs: East and Midwest Red cover; West Coast edition Blue. Farms, homes, businesses, bargains galore. Either mailed free. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

Free—New list of Southwest Missouri; diversified farms, ranches, grade A dairies, ideal climate, 10 months grazing; \$40 to \$100 per acre. Globe Realty Co., 2427 College, Springfield, Mo.

For Sale—In Sunny Arizona a fine small chicken farm, hundred acres. Box 302, Prescott, Ariz.

### OF INTEREST TO ALL

Outdoor Toilets, Cesspools, Septic Tanks cleaned, deodorized with amazing new product. Just mix dry powder with water; pour into toilet. Safe, no poisons. Save digging, pumping costs. Postcard brings free details. Bursen Laboratories, Dept. H-81, Chicago 22, Ill.

Save Chicken Feed! Don't feed the sparrows high priced chicken-feed. My homemade trap guaranteed to catch them by the dozens. Easy to make. Plans 10c and stamp. Sparrowman, 1715 Lane, Topeka, Kan.

Cesspools, Septic Tanks, outdoor toilets, cleaned and deodorized with amazing compound; saves digging, free details. Dig-No-More Co., 2611-I Harriet, Minneapolis 8, Minn.

Boots and Shoes—Highgrades, fancy, handmade Western Style. Made to your measurement. Latest catalog. Crichton Boot Company, El Paso, Texas.

Fish Bait—Over 20 recipes and suggestions only 10c and stamp. Many favorable reports received. K. F. Fisherman, 1715 Lane, Topeka, Kan.

For Sale—Hedge posts, all kinds. Ralph Murray, Pomona, Kan.

## Hugh Bennett to New Ag Post

Dr. Hugh H. Bennett, former Chief of the U. S. Soil Conservation Service, has been appointed special assistant to the secretary, U. S. Department of Agriculture. Dr. Robert M. Salter, chief of the bureau of plant industry, soils and agricultural engineering since 1942, replaces Doctor Bennett in the SCS. Doctor Bennett had been chief since 1935 when Congress created the SCS, and recently was given exceptional permission to remain with the USDA after retirement age.

The new special assistant to Secretary of Agriculture Charles Brannan has been a soil conservation advocate and leader since he graduated from the University of North Carolina in 1903 and entered the old bureau of chemistry and soil as a soil chemist. His specific interest in soil conservation dates back to 1904, when he concluded, during a soil survey in Virginia, that man-made soil erosion had been an important farm problem since before the Civil War. Largely on his recommendations, Congress in 1929 authorized setting up 10 erosion control experiment stations in co-operation with the states in representative agricultural areas. He has traveled into many parts of the world to consult and advise on soil conservation problems, and is considered everywhere as a superior authority on the subject.

## Is It True?

Is it true wheat varieties are so often being replaced by new, improved ones that recommendations must be constantly revised? USDA reports that altho wheat is one of the oldest food crops, research is changing it so the Department finds it necessary every 5 years to revise its circular on leading varieties.

The new circular, "Distribution of Wheat Varieties in the United States," lists as leaders none of the varieties that led when the survey was first made 30 years ago.

In 1921 there were 12 varieties that occupied a million acres or more each. Now, these are almost entirely wheats that have "had their day." Their main contribution is to aid in the breeding of disease-resistant, upstanding, high-yielding varieties that are now dominant.

Pawnee, not even in the million-acre class 5 years ago, is now at the top. Comanche is in 2nd place and Triumph is 3rd—neither have been listed previously. All 3 of these are hard red winter wheats. In No. 4 place is Mida, also never listed. Thorne and Thatcher are 5th and 6th—both were unknown 10 years ago.

Among the top wheats 30 years ago were Turkey, Marquis, Fultz, Mediterranean, Fulcaster, Poole and Preston. When one considers what the wheat breeders have accomplished in the last few years, the wheat farmer has a wonderful future in store.

## Plan New Rural Telephone Service

Another hearing on a REA-financed telephone system for Southwestern Kansas has been set for December 13, in Topeka. The first hearing was held October 30 in Topeka, and sponsors of the projected 6-county plan outlined operations, financing and management.

The Pioneer Telephone Company has requested authority thru the Kansas Corporation Commission to take over operating certificates of 3 private telephone companies, and to operate under a new certificate of necessity and convenience. A number of prominent wheat farmers and ranchers of the Syracuse and Ulysses area testified the need for telephone service in sparsely-settled areas where no lines now exist. Those objecting to the plan point out that phone users now served by private exchanges will have to pay additional fees to aid in financing the expansion of lines to new subscribers.

## Use Disposal Pit

A disposal pit on the farm for dead poultry is a great convenience and prevents spread of disease to other birds. Clyde D. Mueller, Kansas State College poultryman, says poultry premises on the farm should be examined once or twice a week. All dead birds should be promptly picked up and placed in a disposal pit. If allowed to decay, healthy chickens soon find dead birds and de-

vour the decayed meat and maggots. This can easily result in ptomaine poisoning, commonly referred to as "limber neck."

A hole 6 by 6 feet wide, covered with 18 inches of dirt with a tile or 30-gallon oil drum on top as a receptacle can be constructed at low cost. Dead birds soon rot away and return to the earth. They also are out of reach of dogs, cats and vermin which are inclined to drag and scatter the disease in infested birds to other parts of the farm.

## Salt for Sheep

Sheep show a special fondness for salt, and there is real danger in feeding too much, say Kansas State College animal husbandrymen. Death losses due to salt poisoning can be severe with little or no remedy or treatment.

Many Western lambs which came into Kansas this fall never had salt. "It is unwise to turn these lambs into the feed lot with free access to salt. Salt boxes should be empty when the lambs are brought in. Then each day add a little salt and watch the lamb's reaction."

"So long as the lambs crowd the salt box, continue this procedure of doling out their salt. This adaptation period usually lasts 2 to 5 days. Afterwards, any amount of salt may be added to the salt box without danger."



**BAN**  
RATS AND MICE  
with  
guaranteed ASL  
**BANARAT**  
made with  
**warfarin**

Amazing Univ. of Wis. discovery

**MOST EFFECTIVE RAT and MOUSE KILLER Known**

Results almost unbelievable. No bait-shyness—keep eating until they all die. Choice of 2 forms:

**BANARAT BITS**—ready-to-use pellets. New bait formula: 1-lb. self-service bag \$1; 5-lb., \$3.95; 4-oz. Mouse Bits, 50 cents.

**BANARAT PREMIX**—mix with any acceptable bait. 1/4-lb. makes 5 lbs. bait, \$1.75; Big 1/2-lb. makes 10 lbs., \$3.00.

Ask for genuine BANARAT by name, at your dealer's or write American Scientific Laboratories, Madison 1, Wis.



**EASY ROLL** WIRE WINDER

- Rolls or unrolls wire.
- 80 rods in 3 minutes.
- Only one reel required.
- Write for full details.

WIRE WINDER MFG. CO., Mendota 5, Ill.



**NON-FREEZING**  
GROUND HYDRANT  
AT NEW  
LOW COST

Now, a year 'round water supply for stock tanks—inexpensively! This hydrant won't freeze! Handle controls valve BELOW frost line. Deluxe "7-Speed" hydrant also available.

AND NON-FREEZING WALL FAUCET  
... for your home.  
See your dealer or write.

**The James Knights Co.** SANDWICH ILLINOIS



Symbol of Quality  
**Diamond Top**

Tongue-Lock  
CONCRETE STAVE  
**SILOS**  
QUALITY  
... in production  
... in erection

An Early Order will Assure you of a Silo.

**McPHERSON**  
CONCRETE PRODUCTS CO.  
904 W. Euclid St. McPherson, Kansas





## Dodge City Registered and Commercial ANGUS CATTLE SALE

**Dodge City, Kan., Dec. 10, 1951**

**Over 250 Head of Reg. Bulls Sell**

Some of which are good enough to head registered herds. "Bulls of good strong breeding age." Dodge City is the place to solve your bull problems.

**Over 200 Head of Reg. Females Sell**

Cows and calves, and bred and open heifers. This is a grand opportunity for those wanting a start in Angus cattle. Over 800 head of commercial cows, heifers and steers will sell December 10 in Dodge City. There will be some extra good commercial cattle in this offering.

**BE SURE AND MAKE THIS SALE.** Come early and see the Famous Boot Hill of the cow country.

Lora Locke Hotel, Sales Headquarters

Sale sponsored by

**Kansas Aberdeen-Angus Breeders' Assn.**

For information, contact

**CHESTER BARE, Sales Manager, Protection, Kan.**

Mike Wilson for Kansas Farmer

## CLOSING OUT SALE CEDAR CREST DAIRY HERD

**MANHATTAN, KANSAS**

**SATURDAY, DECEMBER 1—1 P. M.**

4-H Fair Grounds, 600 South 11th St.

**34 Head Good Jersey Cows in Full Production**

Fresh Cows, Springer Cows, Heifers. All stock raised by owner. Calving vaccinated for Bang's, Tb. and Bang's tested.

Cows can be seen at dairy farm 1 mile west of Manhattan on highway 40 or Saturday A. M. at 4-H Livestock Building.

**LOUIS HODGSON, Owner**

Auctioneer: Bert Powell

Assistants: Lawrence Welter, Gene Tobey

## REGISTERED HEREFORD HERD SIRE FOR SALE

A splendid individual, right in every way. Check the tabulation here and you will find he is of the richest in Lamplighter and Anxiety breeding. Am selling this bull because of keeping his daughters in the herd.

A. Lamplighter 5697714  
Calved August 17, 1948

Domestic Lamplighter 46th  
4326516

Caroline 3rd  
4375697

Domestic Lamplighter  
2626312

Line Mixture B.  
3131091

Anxiety Mixer  
3756703

Caroline 2d  
3287595

For further information write Mora E. Gideon, owner, 4040 N. Kansas Avenue, Topeka, Kan.

## Livestock Advertising Rates

Effective February 1, 1951

1/2 Column inch (5 lines) ... \$3.50 per issue  
1 Column inch ... \$9.80 per issue  
The ad costing \$3.50 is the smallest accepted.

Publication dates are on the first and third Saturdays of each month. Copy for livestock advertising must be received on Friday, eight days before.

MIKE WILSON, Livestock Editor  
912 Kansas Avenue  
Kansas Farmer - Topeka, Kansas

**December 1**

**Will Be Our Next Issue**

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

**Friday, November 23**

If your ad is late, send it in Special Delivery to 912 Kansas Ave. Kansas Farmer, Topeka, Kan.

## Public Sales of Livestock

### Aberdeen-Angus Cattle

December 10—Registered and Commercial Sale, Dodge City, Chester I. Bare, Sale Manager, Protection, Kan.  
December 22—2nd Round-up sale, St. Joseph, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.  
January 24—Chisholm Trail Aberdeen-Angus Breeders' Association, Caldwell, Kan. Donald Morton, Secretary, Argonia, Kan.  
February 25—C. E. Reed, Wichita, Kan.  
April 2—South East Kansas Breeders' Association, Iola, Kan. Clarence C. Ericson, Sale Manager, Savonburg, Kan.  
April 21—Ericson, Thalmann and Davis Production Sale, Hutchinson, Kan.

### Brown Swiss Cattle

December 6—Virgil Holem Estate, El Dorado, Kan. Norman E. Magnussen, Manager, Lake Mills, Wis.

### Hereford Cattle

November 17—O'Bryan Ranch, Hiattville, Kan. (Polled)  
November 26—Sumner County Hereford Breeders' Sale, Wellington, Kan. R. M. Mattingly, Secretary, Kan.  
November 27—Mathison Bros. Natoma, Kan.  
November 28—WHR Royal Tredway 9th Sale, Oakley, Kan.  
December 3 and 4—Mulyane Hereford Ranch Dispersion, Topeka, Kan.  
December 7—South Central Kansas Hereford Association, Newton, Kan. Phil Adrain, Secretary, Moundridge, Kan.  
December 8—A. R. Schickau & Sons, Haven, Kan.  
December 12—Charles and Russell Stewart, Quinter, Kan.  
December 20—Lafe Meyer & R. B. McCartney, Clay Center, Kan.  
February 2—North East Kansas Hereford Breeders' Association, Topeka, Kan. Elmer Becker, Sale Manager, Meriden, Kan.  
February 4—1952 Kansas Range Bull Sale, Dodge City, Kan.  
February 6—1952 HG Hereford Farms, Colby, Kan.  
February 7—1952 Olivier Bros., Harper, Kan.  
February 8, 1952—Kaw Valley Hereford Association, Manhattan, Kan. Bass Powell, Sale Manager, Manhattan, Kan.  
February 9—Dickinson County Hereford Breeders' Association, Abilene, Kan.  
February 22—Sam Gibbs, Clay Center, Kan.  
April 12—Kansas Hereford Association, Horton, Kan.

### Polled Hereford Cattle

November 20—Central Kansas Polled Hereford Association, Herington, O. J. Shields, Sale Manager, Lost Springs, Kan.  
November 21—Jesse Riffel & Sons, Enterprise, Kan.  
December 10—Kansas Polled Hereford Sale, Hutchinson, Kan.

### Jersey Cattle

December 1—Louis Hodgson, Manhattan, Kan.

### Shorthorn Cattle

November 28—International Sale, International Sales Pavilion, Stock Yards, Chicago, Ill. American Shorthorn Breeders' Association, Managers, Union Stock Yards, Chicago, Ill.

### Polled Shorthorn Cattle

November 26—International Sale, International Sales Pavilion, Stock Yards, Chicago, Ill. American Shorthorn Breeders' Association, Managers, Union Stock Yards, Chicago, Ill.

### Duroc Hogs

February 9—Bred Sow Sale, Vern V. Albrecht, Smith Center, Kan.

### Corriedale Sheep

December 3—Missouri Breeders' Association, Chillicothe, Mo. L. L. Livengood, Secretary, Maryville, Mo.

### Hampshire Sheep

November 23—Missouri Hampshire Breeders' Association, Columbia, Mo. Rollo E. Singleton, Manager, State Department of Agriculture, Jefferson City, Mo.  
December 15—Northwest Missouri Breeders' Association, St. Joseph, Mo. F. B. Houghton, Secretary, Maryville, Mo.

### Suffolk Sheep

November 19—North American Suffolk Sheep Breeders, Oskaloosa, Ia.  
November 19—Kansas Purebred Sheep Breeders' Association, Hutchinson, Kan.  
December 1—Herman Popp, Haven, Kan. Sale at State Fairgrounds, Hutchinson, Kan.  
December 7—Pembroke Dispersal, Milan, Mo. P. V. Ewing, Manager, Columbia, Mo.

## Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed .....	\$38.50	\$41.00	\$32.50
Hogs .....	19.00	20.75	18.35
Lambs .....	30.00	31.25	30.50
Hens, 4 to 5 lbs. ....	.22	.25	.23
Eggs, Standards .....	.50	.51	.45
Butterfat, No. 1 .....	.68	.66	.55
Wheat, No. 2, Hard ...	2.67	2.52 1/2	2.24 1/2
Corn, No. 2, Yellow ...	1.87 1/2	1.79	1.52
Oats, No. 2, White ...	1.14 1/2	1.03	.99
Barley, No. 2 .....	1.51	1.39	1.37
Alfalfa, No. 1 .....	44.00	40.00	35.00
Prairie, No. 1 .....	26.00	23.00	16.50

## Popsorghum Is New Agricultural Industry

The popsorghum industry in Kansas is receiving a boost. Sorghums Incorporated is a new company with offices in Coffeyville and a test laboratory and plant at Anthony.

Kansas test plots with popsorghum, a variety of sorghum that pops much like popcorn, have shown yields more than 2,000 pounds per acre, which is better than the average popcorn yield. When popped, kernels are about one fifth the size of a popped popcorn kernel.

Sorghums Incorporated plans to make its main product "cattle candy," round pellets containing 30 per cent sugar plus sorghum by-products, for fattening steers. The "candy" also will put a "finish" on cattle just before market time.

## SHEEP

## SUFFOLK BRED EWE SALE

Kansas State Fair Grounds

**Hutchinson, Kan.**

**December 1, 1951**

Sale includes 50 head of bred ewes and 10 ewe lambs all registered.

For catalog write owner:

**HERMAN POPP**  
Haven, Kansas

## Pembroke Suffolk DISPERSAL

130 Top Bred Suffolk Ewes  
1,400 Commercial Ewes

**December 7**

**at Milan, Missouri**

**THOMPSON RANCH**

For catalog write to  
**P. V. EWING, Jr., Columbia, Mo.**

## MISSOURI STATE CORRIEDALE BRED EWE SALE

The sale will be held at

**Chillicothe, Missouri**

which is 75 miles east of St. Joseph, Mo., on 36 highway.

**75 Choice Bred Ewes Sell**

They are bred to the best rams of the state and they sell in the annual bred ewe sale on

**Monday, December 3**

(SHOW 9 A. M. — SALE 1 P. M.)  
**AT CAMPBELL SALES PAVILION**  
This is a real opportunity to buy desirable breeding stock.

For sale catalog write to  
**L. L. LIVENGOOD, Sec., Maryville, Mo.**

## MISSOURI STATE HAMPSHIRE Bred Ewe Show and Sale

**COLUMBIA, MO.**

**LIVESTOCK JUDGING PAVILION**

**Friday, Nov. 23, 1951**

**87 Head of Top Quality Ewes**  
**Show 9 A. M. — Sale 1 P. M.**

For catalog write:  
**ROLLO E. SINGLETON, Sale Mgr.**  
Department of Agriculture  
Jefferson City, Missouri  
Auctioneer: Bert Powell

## For Sale: A few choice Bred 3- and 4-year-old REG. HAMPSHIRE EWES

to begin lambing in December. Registered Hampshire rams 1 year old in January. Registered Hereford Cows, Bulls and Heifers, serviceable age.

**ALICE & CARL FIGGE**

3520 Meriden Road  
Topeka, Kansas Phone 4-6961

## HOGS

## POLAND CHINA SPRING BOARS and GILTS

Of the same good quality as we have produced in the past. Come visit and inspect our registered Polands at our new location. The farm is 1 mile northeast of Big Springs. The P. O. is Leocompton. We will be looking for you.

**RAY SAYLER & SONS**

Leocompton, Kansas

## POLAND CHINA BOARS

of top quality sired by the Aristocrat-Jeffersonian and Advancer. We have them reasonably. Write us. We are just over the line in Nebr.

**BAUER BROS., Gladstone, Nebr.**

**REG. SPOTTED POLAND CHINAS**  
Good weanling pigs, both sex \$26, registered papers furnished or \$25 without papers furnished.  
**HARRY LOVE, Rago (Kingman Co.), Kansas**

## LITTLE ADS BRING BIG RESULTS

in Kansas Farmer — Classified Department. Only 10c a word, per issue — 12 words minimum.



## HOGS

### DUROC BOARS

March boars sired by High Flyer and Union Leader

All registered and vaccinated. Priced from \$75 to \$100. Come and look them over or will ship.

**WELDON MILLER & SON**  
NORCATOR, KANSAS

### FOR SALE

2 Duroc Herd Boars. Champion breeding. King of Diamonds—best sire and individual I ever owned—he by Red Diamond. Also Deet's King, reserve junior champion Kansas 1949, by Royal King Nebraska champion 1948. Spring boars at \$60.

**MEL SHEPHERD, Lyons, Kan.**

### BOARS—BOARS—BOARS

The home of state and national winners. In this herd you will find the most of the best.

**JAYHAWK FARM DUROCS**  
RALPH SCHULTE, Owner  
Little River, Kansas

### DUROC BOARS FOR SALE

Serviceable age. Registered, vaccinated and guaranteed. Farmers type boars at farmer prices.

**GEORGE C. WREATH, Belleville, Kan.**

### FANCY DUROC BOARS and OPEN GILTS

carrying the blood of the 2 noted champions: "Fleetline" and "Harvester." They have what it takes. Registered and immune.

**B. N. HOOK & SONS, Silver Lake, Kansas**

**KNELLVIEW DUROCS** Offering Spring Boars—long, deep bodied, heavy boned, good headed kind. Immune, registered. New bloodlines. Farm 9 miles east of Carthage on 66 and 3 miles north.

**ED & FRANK KNELL, Rt. 1, Carthage, Mo.**

### FOR SALE—REGISTERED

Hampshire Hogs and Hereford Bulls. Either for sale or share. Reasonable.

**DWAIN HOLCOM, Gypsum, Kansas**

**Berkshire Hogs, Serviceable Ages** Sired by Lynnwood Royal and Modern Superior. Fed right, bred right, priced right. Write or visit at once. **F. LUTTRELL, Paris, Missouri.**

## Dairy CATTLE

### 50 Reg. BROWN SWISS

Dairy Cattle at Public Auction  
**THURSDAY—12 Noon—DEC. 6**

Lunch Available

### EL DORADO, KANSAS

Complete dispersal of the VIRGIL HOLEM EST. herd under cover at the farm south of El Dorado.

46 Females: A large portion of this herd are daughters of a Geo. Swiss bred bull who is a son of Lee's Hill Sandra's Royal.

4 Bulls—including the herd sire, Duke Tex of Eastwood.

All machinery and dairy barn equipment will be sold at 10 A. M.

Write for catalog

**NORMAN E. MAGNUSSEN**  
Lake Mills, Wisconsin

### HOME FARM DAIRY

For Sale—20 Guernsey Heifers

Coming 2-year-old, starting to calve March 1. This is a nice marked group and in good condition.

**PAT CHESTNUT**

Denison, Kan. Phone 8F55

### HIGHER VIEW DAIRY FARM HOLSTEINS

Located 4 miles north of Hays, on highway 183. Featuring the bloodlines of Clyde Hill and the Crescent Beauties. We have 125 head in our herd. Serviceable-age bulls for sale at all times. We offer a few females occasionally. Visitors always welcome.

**J. D. & E. E. FELLERS, Hays, Kan.**

**NEMAHA VALLEY HOLSTEINS** Rock-Burke breeding. HIR ave. 543.7 lbs. fat. Records up to 1,000 lbs. fat 3 yr. 2x. Bulls of service age and younger for sale.

**Mrs. H. D. Burger & Son, Seneca, Kansas**

## AYRSHIRES

MOST PROFITABLE COWS

Big Milkers Hardy Rustlers

Good Grazers Perfect Udders

Write for Booklets and List of Breeders near you with Stock for sale

**Ayrshire Breeders' Association**  
260 Center St., Brandon, Vt.

## DAIRY CATTLE

HOLSTEIN \* GUERNSEY \* SWISS

Registered Wisconsin heifer calves, bulls from world's largest distributor registered with U. S. Ag. Dept. Home

of FLYING HEIFERS, we ship by air, low cost, FREE pictures, price folder.

**DAIRYLAND CATTLE CO. MILWAUKEE, WIS.**

## IN THE FIELD

**MIKE WILSON**

Topeka, Kansas  
Livestock Editor

**RAY BEEM**, Sharon Springs, was winner of the Brahma bull riding contest at the Grand National Rodeo at San Francisco, on October 28.

**GERALD ROBERTS**, Strong City, placed 3rd in the nation in the saddle bronc riding event at the Grand National Rodeo at San Francisco, November 1.

At the **NATIONAL POLLED HEREFORD** show and sale, held at Louisville, Ky., on November 3, the national champion Polled Hereford bull was sold for \$20,000 to Joe O'Bryan, owner of O'Bryan Ranch, of Hiattville. The bull was SF Larry Mischief 7th, consigned by Sumter Farm and Stock Company, Geiger, Ala. This fine herd sire will be on hand to greet all of Joe's friends on sale day, November 17.

On November 3, **E. J. BARNES HEREFORD** sale, at Collyer, totaled \$30,830 on 70 lots to average \$440, with 21 bulls making an average of \$533 and 49 females figuring \$400. Top bull of the auction was lot 10, Treadway Mixer, and brought \$775 from E. J. Garrett, WaKeeney. Top female was lot 26, Dainty Imperial 3d, sold for \$570 to S. F. Depue, Norton. Colonel Gene Watson sold the offering, assisted by representatives of the livestock field service.

On October 30 **MUR-LIN FARMS SHORT-HORN** dispersion was held in Lenexa. Thirty-seven lots of good Shorthorns sold for a total of \$22,545, making a general average of \$609. Four bulls sold for an average of \$536. Lot 4, A. L. Royal Scot 2nd, topped the bull sale at \$660 going to Lewis Lutz, Westphalia. Thirty-three females sold for an average of \$618 with lot 43, Nonpareil 41st, selling with heifer calf at side, to Peace Creek Farm, Sylvia, for \$795. Colonel Jack Halsey sold the offering. Mervin F. Aegerter, of Seward, Nebr., managed the sale.

The **LINCOLN COUNTY HEREFORD BREEDERS ASSOCIATION** show and sale was held at Sylvan Grove, November 7. Fifty-one lots of Herefords sold for \$27,400 making an average of \$537 per head. Twenty-one females made an average of \$494. George Murry, Jr., Barnard, consigned the champion and top-selling female lot 33, Commander's Lady M, selling to J. G. and H. E. Miller, Lincoln. Champion and top-selling bull was lot 13, Pal Mixer, consigned by Armin Melter, Lucas, selling for \$800 to Bettenbrock Brothers, Kanopolis. Colonel Freddie Chandler sold this fine offering of Herefords.

**COWGILL'S POLLED HEREFORD SALE**, Milan, was held October 22. Two top-selling females at \$1,300 and \$1,305 went to Illinois buyers. Highest-selling animal going to a Kansas buyer was the \$1,000 female Queen Ansie 7th. She was purchased by Golden Willow Ranch of Pittsburg and of Liberal, Mo. Forty-six females averaged \$705. Top-selling bull went at \$900. Two hundred commercial cattle were sold. A group of 21 grade heifers bred to registered Polled bulls brought the top price of \$360 per head. Auctioneers were Pettit and Fulkerson.

The **KANSAS POLLED SHORTHORN** state sale was held on November 8, at Hutchinson. Fifty-one head of Polled Shorthorn cattle were sold for a total of \$28,305 making a general average of \$555. Twenty-six bulls averaged \$669 and 25 females made an average of \$437. Top bull was lot 20, consigned by Hudson Brothers, Hubbel, Nebr. He was Penrose Coronet and sold for \$1,250 to Adam Wagner, of Bison. Show champion and top female was lot 48, Delle May, consigned by Booker and Petterson, Beloit, and brought \$835, going to Penick and Penick, Oklahoma City, Okla.

**CATTERSON BROTHERS**, Maryville, Mo., and Leo Archer, Conception, Mo., sold 66 lots of registered Angus on October 30. Sixty-two female lots averaged \$1,061; 4 bulls averaged \$1,188. An 8-year-old grandson of Prince Eric of Sunbeam topped the bull sale at \$2,100. Buyer was Don and Virginia Smith, Rama, Colo. High-selling lot in the auction was a cow and heifer calf. The cow sold for \$4,600 to Joe Lee Davidson, Red Oak Farms, Rocky Comfort, Mo.; the heifer calf, at \$3,500, went to Littlebrook Farm, Greenfield, Ia. There were buyers in this sale for several sections of Missouri as well as Kansas, Nebraska, Iowa, Colorado, Oklahoma and Arkansas. Roy Johnston, assisted by press representatives, conducted the sale.

The annual **O'BRYAN RANCH** registered horned Hereford and club calf sale, Hiattville, October 20, saw 62 lots of young Herefords bring an average of \$419 each.

Mr. Snyder, Uniontown, was one of the heavy buyers of the afternoon and he purchased the top-selling bull for \$615. This was a May 1, 1951, calf. This young bull was O'Baca Duke 2nd, sired by Baca Duke 105th. O'Robert's sired by FRC Rupert Tone 66th, topped the female sale at \$1,015. Glen Towne, Osborn, was buyer. The 46 open heifers sold at good prices. Two 4-H girls, Billie Shaw, Tonganoxie, and Cecily Brooks, Wayside, paid \$345 each for their club calves. Donald Bowman, Hamilton, Mo., purchased 10 head of calves for project work. Fulkerson and Watson were auctioneers assisted by press representatives.

Two prominent Kansas crops specialists will serve on various judging committees of the coming 1951 International Grain and Hay Show in Chicago, according to William E. Ogilvie, manager.

The Kansas judges will be Agronomy Professor **A. L. CLAPP**, of Kansas State College, Manhattan, who will help place small grain and grain sorghum samples; and Professor **E. L. MADER**, also from Kansas State, who will serve on the grain sorghum judging committee. The grain and hay competition, considered largest of its kind in the world, is held in conjunction with the International Live Stock Exposition scheduled to open November 24 for an 8-day run thru December 1 in the large International Amphitheatre of the Chicago Stock Yards.

Last year's grain and hay even attracted exhibits from 27 states and 5 Canadian provinces. Fourteen judges from 10 states and 1 Canadian province made the placings.

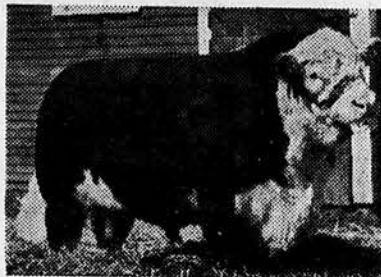
## Fourth Annual Show and Sale

Hutchinson, Kansas, December 10

AT THE FAIRGROUNDS

Show: 9:00 A. M. — Sale: 1:00 P. M.

**48 Head—31 Bulls, 17 Females**



Descendants of these two bulls are selling.

### TOP POLLED CATTLE FROM TOP KANSAS HERDS (CONSIGNORS)

Jack Cornwell, St. John  
Leo Ebel & Son, Wamego  
Harold Gingrass, Sedgwick  
Verne Gleason, Seward  
Ross G. Hansen, Marion  
Chas. Heitschmidt, Holyrood  
Gritz Kerbs & Son, Otis  
Fred Lamb & Sons, Macksville  
John M. Lewis & Sons, Larned  
Joe Maes, Bushton

Massier Bros., Ellis  
Cecil Medley & Sons, Tampa  
Arthur Molz, Kiowa  
Paul & Gladys Molz, Kiowa  
Walbert Ravenstein, Adams  
John Stumps & Son, Bushton  
Sutor Hereford Farm, Zurich  
Arthur Wittorff & Son, Inman  
Welch Bros., Garfield  
Guy Wood & Son, Larned

Annual meeting and banquet will be held at the Bisonte Hotel, Hutchinson, on the evening of December 9. Visitors welcome.

Carl J. Tassulig, Jr., Boulder, Colo., Judge  
Freddie Chandler, Auctioneer

FOR CATALOGS AND FURTHER INFORMATION, ADDRESS  
**VIC ROTH, Sec.-Sale Mgr., Box 702, Hays, Kan.**

### KANSAS POLLED HEREFORD ASSOCIATION

Mike Wilson for Kansas Farmer

Attend the Oklahoma Polled Hereford Sale, December 11, at Enid, Okla., and the Shiflet & Shiflet Polled Hereford Sale, at Red Rock, Okla., December 12.

## SECOND ANNUAL

### SUMNER COUNTY HEREFORD ASSN. Sale of Horned and Polled Herefords

Nov. 26, 1951

at the Municipal Auditorium

Wellington, Kan.

**56 HEAD 56**

**30 BULLS**

**26 FEMALES**

4-H Club Steers and Heifers

### CONSIGNORS

Dvorak & Sons, Caldwell  
Sid Toler, Caldwell  
Howard Lowe, Caldwell  
Charles Volavka, Jr., Caldwell  
A. R. Rohrer, Corbin  
Vernon Mosley, Milan  
David Holland, Argonia  
John Holland, Freeport  
Paul Phillippi, Argonia  
Roy Hess, Belle Plaine

Ray Rusk & Son, Wellington  
Rex Haggard, Wellington  
J. W. Zimmerman, South Haven  
R. M. Mattingly, Caldwell  
Raymond Allen, Peck  
McDaniel Bros., Danville  
Herman Larson, Milan  
Leslie Yates, Jr., Milan  
Bryan Packard, Wellington  
Carl Downing, Belle Plaine

For catalogs write:

**R. M. MATTINGLY, Caldwell, Kansas**

Auctioneer: Gene Watson

Mike Wilson—Kansas Farmer

## Read the Ads in This Issue

There's a world of helpful information in the scores of advertisements in this particular issue of the Kansas Farmer. Read them carefully. If you want to find out more about the articles described, don't hesitate to write the advertiser.



## SOUTH CENTRAL KANSAS HEREFORD ASSOCIATION ANNUAL SALE December 7, Newton, Kan. at the fairgrounds



**50 Head both Horned and Polled cattle will be sold.**  
**31 Bulls—All but 3 are ready for heavy service.**  
**18 Females—The females are either bred or old enough to breed.**

**This offering of registered cattle have been selected from the following herds in South Central Kansas.**

Elias W. Schrag, Moundridge  
 Reuben Krehbiel, McPherson  
 Cecil Medley, Tampa  
 Raymond Shockey, Derby  
 S. D. Miller, Conway  
 Twin Oak Farm, Moundridge  
 Harold Gingrass, Sedgwick  
 Waite Bros., Winfield  
 P. F. Regier, Burrton  
 Willow Creek Hereford Farm,  
 Gypsum

Otto Delfs, Inman  
 Fred Weber, Jr., Potwin  
 I. K. Lygrisse, Benton  
 Kenneth Hershberger, Sedgwick  
 Felix J. Krehbiel, Elyria  
 Arthur Wittorff, Inman  
 Elmer L. Johnson, Smolan  
 Ward R. Vickery, Wichita  
 J. R. Mayall, Wichita  
 J. R. Overstreet, Newton  
 Joe Lewellen, El Dorado

For catalog and information contact

**PHIL ADRAIN, Sec.-Sale Mgr., Moundridge, Kan.**

Gene Watson, Auctioneer

Mike Wilson for Kansas Farmer

## EMMADINE FARMS, Inc.

WELCOMES YOU TO THEIR SALE

**MONDAY, DEC. 10, 1951**

SALE TO BE HELD AT THE FARM IN THEIR NEW SALE BARN



MW Larry Domino 87th — MW Larry Domino 36th — TT Mission Triumph

### SELLING 50 HEAD

**5 Bulls Sell—40 Bred Heifers—5 Open Heifers**

Twenty-six of the heifers are granddaughters of Larry Domino 50th—all by half brothers of Larry Domino 107th—sold in the Honey Creek Dispersal for a world record price of \$80,000 for one-half interest!



A group of females all sired by Emmadine herd sires—The type that will sell December 10. Herb Hogan, Emmadine manager, in the background.

### Four Sires are featured in their Sale

MW Larry Domino 88d is a Milky Way herd sire, which they have refused to price. We used him for 90 days, in exchange for Milky Way's use of TT Mission Triumph. We are selling 1 son and 7 of his daughters, December 10th. MW Larry Domino 87th has many sons serving in top herds throughout the nation. His get and service sell! MW Larry Domino 36th is widely known through his sons, one owned by Jim Hering, McGregor, Tex., sired the great \$11,000 champion female of 1950. Most of our Larrys selling are by him and "87th." TT Mission Triumph a son of WHR Triumph Domino 6th sired TT Wistful Miss, undefeated and world's highest selling female. The 26 Larry Domino 50th granddaughters selling are mated to him; his daughters are mated to the Larrys listed above.

Write for catalog and make your plans now to be with us sale day.

**EMMADINE FARMS, Inc.**

J. C. Penney, President

Herb Hogan, Manager

**Breckenridge, Missouri**

Auctioneers: Art Thompson and Gene Watson

Don Bowman for this publication

On October 22, 47 Head of **BEEKS AND CLELAND HEREFORDS** sold at auction for an average of \$682 per head. Thirteen bulls averaged \$674 and 34 females averaged \$684. Top bull, lot 10, BHF Larry Domino 9th, went to J. L. White, of Chanute, for \$1,140. Top female was lot 37, cow and calf combination, BHR Miss Helmsman A. 8th, a 4-year-old cow going to C. W. Ridgeway, Tonganoxie, and her heifer calf going to Calvin Weeks, Lawrence. The cow brought \$700 and the calf sold for \$700. Top individual female sold to Woody Hereford Ranch, at Barnard, for \$1,100. Colonel Gene Watson sold the offering assisted by press representatives.

The **KANSAS ABERDEEN-ANGUS BREEDERS** show and sale, at Hutchinson, November 7, smashed all previous records. An all-time high of \$898 per head average was made. Fifty-seven lots were sold for a total of \$51,225. Eleven bulls averaged \$939. Top bull of lot 49, Ever Prince 20th of Sunflower, by Ever Prince of Sunflower, consigned by Swartz Brothers, Everest, sold to Paul Schoeder, Lorrane, for \$1,500. Forty-six females made an average of \$888. Top of the sale was lot 20, Zara of Wheatland, by Black Grenadier 100th, consigned by J. B. Hollinger, of Chapman, and going to Black Post Farms, of Olathe for \$2,500. Don L. Good, of Kansas State College, managed the sale. Colonel Roy Johnston sold the offering, assisted by men of the livestock press.

On November 9 the **KANSAS STATE SHORTHORN** show and sale was held in Hutchinson. Sixty-six lots of Shorthorns brought \$37,305 for an average of \$565 per head. Thirty-three bulls made an average of \$690. Top bull was lot 8, Missie's Mercury 4th, consigned by R. L. Bach, Larned, and brought \$1,375 on the bid of Otto Wenrich and Son, Oxford. The 33 females in this auction made an average of \$440. Show champion and top female was lot 43, E. V. Bugle Belle, consigned by Ralph D. and James M. Collier, Alta Vista, and bought by J. C. Banbury of Plevna, for \$900. Rufus Cox of Kansas State College, judged both Polled and Horned Shorthorn shows. C. D. Swaffar was the auctioneer. Lot Taylor, of Kansas State College, managed the sale.

The **FLINT HILLS HEREFORD ASSOCIATION** held its annual fall sale on November 1, at Cottonwood Falls. Sixty-five head of Herefords brought \$48,625 making a general average of \$748. Forty-three bulls averaged \$830 and 22 females made an average of \$587. The champion and top-selling bull was lot 6, TOF Tredway 20th, by Royal Tredway, consigned by Phil Adrain, of Moundridge, and selling to E. W. Rezac, Rossville, for \$1,550. R. R. Melton and Thomas Heft, Marion, consigned the reserve champion bull, sold to Walt Hett, Peabody, for \$1,000.

Lot 49 in the female division, WVHR Alpine Lass by FF Alpine Domino 8th, was judged champion female and also was top-selling female in the auction. She was consigned by Waite Brothers, of Winfield, and was sold to Melton Hereford Ranch, Chickasha, Okla., for \$1,230. Taylor Jones, of Garden City, judged the cattle and Colonel Gene Watson was auctioneer.

Breeders from 5 states, Wyoming, Kentucky, Missouri, Nebraska and Kansas gathered at Horton for the production sale of **WILLIAM BELDEN**, Horton, and **AL J. SCHUETZ**, Mercer. Forty-eight head of purebred Hereford cattle passed thru the auction for a total of \$10,872. Twenty bulls sold for an average of \$568 and 28 females made an average of \$387.

Top bull in this auction was lot 15, consigned by Al J. Schuetz. He was Prince Tredway 23d., by Royal Tredway 55th. Columbian Stock Farms, Grandview, Mo., purchased him for \$2,500. Lady Ann CK by CK Cascade 36th., a William Belden consignment, made a top price of the day on females, on the bid of Fred Buhrmaster, Effingham, at \$525.

Thirty head of these fine registered Herefords were purchased by Kansas buyers. Doctor Brennen and E. W. Hutchinson, of Chillicothe, Mo., were heaviest buyers, the 2 taking 9 head back to Missouri. Jewett Fulkerson sold the offering assisted by various press representatives.

**GREEN VALLEY FARMS "T.V."** registered Angus sale, held November 3 at the farm 9 miles north of Kansas City, Mo., averaged \$1,248 on 48 lots. Forty-four female lots averaged \$1,293 with 4 bulls averaging \$760. Lot 1 female, a 3-year-old bred daughter of Prince Eric of Sunbeam and safe in calf to the \$10,000 bull Prince 27th of Essar, went to Ralph L. Smith Farms, Chillicothe, Mo., at \$9,100. She was sale top. Contending bidder at the finish was Red Oak Farms, Rocky Comfort, Mo. One of the high-selling females at \$2,700 went to Red Oak Farms. She was bred to Prince 27th of Essar. \$3,500 was paid by Simon Angus Farm, Madison, for a daughter of Beefmaker 34th bred to Prince 27th of Essar. Dodson Brothers, Wichita, gave \$2,850 for an 11-months-old daughter of Prince Sunbeam 383rd. Other Kansas buyers made selections in this auction. Top bull at \$1,300 went to John A. Roberts & Son, Stanberry, Mo. Green Valley Farms is owned by George DeHaven. Roy Johnston and Ray Sims were auctioneers; Press representatives assisted in the ring.

**COWLEY COUNTY HEREFORD BREEDERS' ASSOCIATION SALE** in the New Armory Building, at Arkansas City, November 7, averaged slightly higher than their 1950 sale. This was the 5th sale for this association and 52 lots averaged \$448. Thirty-six bulls averaged \$435 and 16 females \$479. Kansas and Missouri buyers bought them. The high-selling bull and high-selling female was consigned by Stelbar Ranch, Douglas. The lot 18 bull, a March 24 yearling, sired by MW Larry Domino 67, sold for \$1,075 to Charles Cloud, Winfield. Lot 42, a January yearling daughter of BHR Realty 2nd, sold for \$1,025 to W. R. Hutchinson, Newkirk, Okla. This heifer was bred to M. W. Prince Larry 37, the reserve champion bull of the Denver Stock Show. Second high-selling bull at \$755 was the 5-year-old herd bull consigned by Chas. H. Cloud, Winfield. This son of Real Domino Return went to Ray Hamlin, Blackwell, Okla. Jay J. Williams, Burden, had the 3rd high-selling bull at \$750. This September yearling, sired by WVHR Flashy Domino 60, went to C. L. Hayter, Anthony. Carl Richardson, Winfield, sold the 2nd top of the female auction when his 12-months-old, 5th place heifer at the 1951 Kansas State Fair sold for \$715 to Kenneth Waite, Winfield. This heifer's sire was BHR Top Notch. O. Boyd Waite, Winfield, was paid \$650 for their bred heifer, a daughter of WVHR Real Domino 4th. She was purchased by Ray Hamlin, Blackwell, Okla. As a whole the offering was sold in just good breeding flesh. There were 14 consignors to this sale. Gene Watson was auctioneer and press representatives assisted in the ring.

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 • **COMMAND PREMIUM PRICES.** Packers pay more for Black steers because they dress out a premium carcass and a higher percentage of salable beef.  
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## Selling at Dodge City Dec. 10 — ANGUS SALE

5 Heifer Caves by a sire of champions, Lloyd Ericson's Bandoller 81st of Wilton. 3 Cows carrying his service. 1 Bull Calf by Bandoller 81st of Wilton. 1 Bull Calf, grandson of Eileenmere 487th.

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Now offering a few young bulls, cows and heifers.  
**CHESTNUT & RAILBACK, Quinter, Kansas**

### WANTED TO BUY



25 to 50 head of Registered Polled Hereford Females. Cows with calves, Bred Cows and Heifers or Open Heifers. Could use a few yearling bulls, write—

**L. E. HINES**  
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20 choice bull calves and several heifer calves, sired by Advance Choice 16—a grandson of Advance Domino 50, and Advance Domino 8, a son of CMR Advance Domino 35. Priced reasonable. Write or visit.

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Serviceable age. Also a good selection in bred and open heifers. A few top 4-H Steers for projects.  
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For sale one 10-months-old Bull. Spring Calves, good quality and priced to sell.  
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## RED POLL BULL

For Sale — 9 months old. Good individual.  
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**POLLED MILKING SHORTHORNS**  
 Red and Roan Bulls up to serviceable age. Also a few females. Herd classified and tested. Visitors always welcome.  
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**THE NORTH CENTRAL KANSAS HEREFORD BREEDERS' ASSOCIATION** held its annual fall sale at Belleville, October 30. Fifty-six lots sold for a total of \$30,025, making a general average of \$536. Thirty-one bulls sold in this offering for \$594 and 25 females figuring \$465. Top bull, Merit Domino 14th, consigned by Lull Hereford Farm, Smith Center, went to James Gwennayso, Smith Center, for \$1,140. Hal Ramsbottom, Munden, consigned the top female lot with a cow and bull calf combination. This was substitute lot 53, Jenny Domino 2d, by CK Royal Dundy 1st. The calf was HC Larry Domino 112th. Paul Handley, Narka, took this pair at \$860. The champion female of the show preceding the sale was lot 59, JF Miss True 44th, a 10-month-old daughter of WHR True Onward 10th, consigned by Elmer L. Johnson, Smolan. T. L. Welsh, of Abilene, purchased her for \$610. Colonel Gene Watson cried the sale.

**KANSAS-MISSOURI RED POLL BREEDERS SALE**, at the fairgrounds at Topeka, October 26, averaged \$311 on 34 lots. Nine bulls averaged \$347 with 25 females averaging \$298.50. This was a sale that had too many young cattle to establish a very high average. Bidders were conservative in their dollar appraisal of the sales offering. More cows and heifers close to freshening would have added materially to the dollars paid and to the interest manifest in the sales offering. Most of the cattle were presented in just good breeding condition.

The top of the sale was consigned by J. E. Loepke & Sons, Penafosa, and she was lot 15. This was 4-year-old cow that had placed well in many important shows, including junior champion award at 1947 national show at Des Moines, Ia. Her heifer calf was born in September. She sold for \$650 to W. K. Dunbar, Baton Rouge, La. This breeder bought a bull at \$410 and a heifer at \$240. High-selling heifer at \$425 and 2nd high-selling female was consigned by Eldon L. Locke, Burns. This was lot 20, a bred heifer, and Theodore Graber, Castleton, was buyer. High-selling open heifer at \$285 was consigned by Clarence O. Welch, Minneapolis. She was lot 24 and was a January yearling. Willis R. Miller, Mullenville, was buyer.

Bulls topped at \$475. The \$475 bull was purchased by Mr. and Mrs. M. E. Moore, Freeman, Mo. This lot 3 yearling bull was consigned by Herman Siemens, Buhler. B. R. Anderson, Partridge, was paid \$445 for the 2nd high-selling bull which was lot 8. Just coming 1-year-old, and the 4th prize winner at the 1951 Kansas State Fair, he was a good buy at that money. The buyer of lot 8 was Richard Vinson & Son, Greenwood, Nebr. G. W. Locke, El Dorado, had the 3rd high-selling bull, at \$410. An August yearling, he went to W. K. Dunbar, of Louisiana. A bull and 2 females went to Carlos Del Valle, Havana, Cuba. Kansas, Nebraska, Louisiana and Missouri buyers made selections in this sale. J. E. Loepke, Penafosa, was sale chairman from Kansas and Jerry B. Vyrostek, Weatherby, was sales chairman from Missouri. Bert Powell, J. C. White and Mike Wilson were auctioneers.

#### Glove Holder

I use a pincher-type clothespin, nailed or screwed to the closet wall or door for my gloves. They are always there when I want them.—Mrs. C. C.

#### New Grasses Look Promising

A strain of side-oats grama was one of 7 grasses which looked most promising in the grass-breeding program of the U. S. Southern Great Plains Field Station, Woodward, Okla. Progress in the breeding program was reported at the Station's recent Field Day. This side-oats grama starts growth earlier in spring and remains green later in fall than ordinary side-oats grama, and possesses the ability to continue green growth in the face of summer heat.

Another promising grass was a sand strain of western wheat grass, which fills the need for a cool-season grass capable of promoting winter gains of beef cattle and saving on protein supplements. Other promising strains are Capitan blue grama, switchgrass No. 2, sand love grass No. 2 for red soils, sand love grass No. 1 for sandy soils, and buffalo grass No. 1. All grasses are being developed, tested and slowly increased at Woodward before new strains will be available for general distribution.

#### Saves Steps

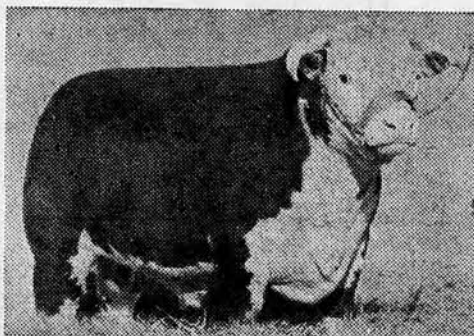
Four or more cans of paint can be carried at one time by making notches in a wooden clothes hanger and slipping handles to cans of paint in notches. This saves time on paint job.—E. H.

#### Kansas Farm Bureau Honors 10 Leaders

Ten outstanding Kansas farmers were honored by the Kansas Farm Bureau at its recent annual convention in Wichita. Selected for Leader Awards were: George Fuhrman, Atchison; Cecil Prentice, Paola; Melvin Ralph, Girard; T. F. Breuer, Waverly; S. H. Stephenson, Mentor; Avis Lake, Covert; Ralph Queen, St. Francis; Elmer Arnold, Eozel; Jess Taylor, Tribune, and Dayton Yoder, McPherson.

Winners receive an expense-paid trip to Washington, D. C., in March. They are chosen on leadership in the Farm Bureau, community service and good farming practices. Final selections of winners was made by a committee composed of state farm leaders.

## REGISTERED HEREFORD PRODUCTION SALE



DON ROYAL DUKE

Don Royal Duke is the modern type bull and richly bred in all four quarters of his pedigree. The sire of Don Royal Duke is WHR Royal Duke 33. In the CK Ranch Sale of February, 1950, the top of the sale was WHR Royal Duke 33 bull, which brought \$15,000.

In the November, 1950, Calf Sale, the top of the sale was a March calf, by WHR Royal Duke 33, which brought \$4,800. Many others could be mentioned. The dam of Don Royal Duke is CK Donna Domino 28. The sire of CK Donna Domino is Don Prince Domino 2, champion of his class at the Chicago International. His dam, Pauline Diamond 2, was a great register of Merit cow. The dam of CK Donna Domino 28, is also the dam of CK Creator 13, grand champion bull at Denver, 1948, which sold for \$20,000 at a later date.

## 71 Head --- 37 Bulls, 34 Females

Some Cows with calves. 17 Bulls serviceable age.  
16 Open Heifers. 8 Mature Cows, some with calves

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## MULVANE RANCH Polled Hereford Dispersion December 3-4 --- Topeka, Kan.



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**The Nation's Biggest 1951 Polled Hereford Auction!**

**500 HEAD — 420 LOTS**

Including: 5 Herd Bulls, 81 Young Bulls, 70 Heifer Calves, 64 Yearling Heifers, 200 Cows, 80-100 with calves at side by sale day.

Opportunity for everybody to select:

Herd Bulls—Range Bulls—Replacement Females—Foundation Females

**MULVANE RANCH**

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### Annual Sale

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Macon, Missouri

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**79 LOTS SELLING**

**33 Bulls—46 Females**

WHR Helmsman 87th—The noted Bianchi Hereford Ranch Register of Merit sire.

Including BHR Helmsman A. 85th, champion of four 1951 state fairs. Sired by our Register of Merit sire WHR Helmsman 87th. This champion bull sells in the sale. Several other winning bulls sell.

6 Yearling Bulls  
8 Senior Bull Calves  
17 Junior Bull Calves  
2 Senior Yearling Heifers

6 Summer Yearling Heifers  
9 Senior Heifer Calves  
17 Junior Heifer Calves  
7 Summer Heifer Calves

By and large this entire offering has been sired by the Register of Merit sire, WHR Helmsman 87th, and his sons, along with BHR Double Larry, MW Prince Larry 65th by MW Larry Domino 37th, a Denver champion, and MW Larry Mixer 23rd by MW Larry Domino 83d.

Auctioneers: A. W. Thompson and Jewett Fulkerson

SALE MANAGED BY FULKERSON SALES SERVICE, Liberty, Mo.

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**CHARLES BIANCHI, Macon, Mo.**

Don Bowman for this paper.

## SECOND WHR ROYAL TREDWAY 9TH SALE

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November 28

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