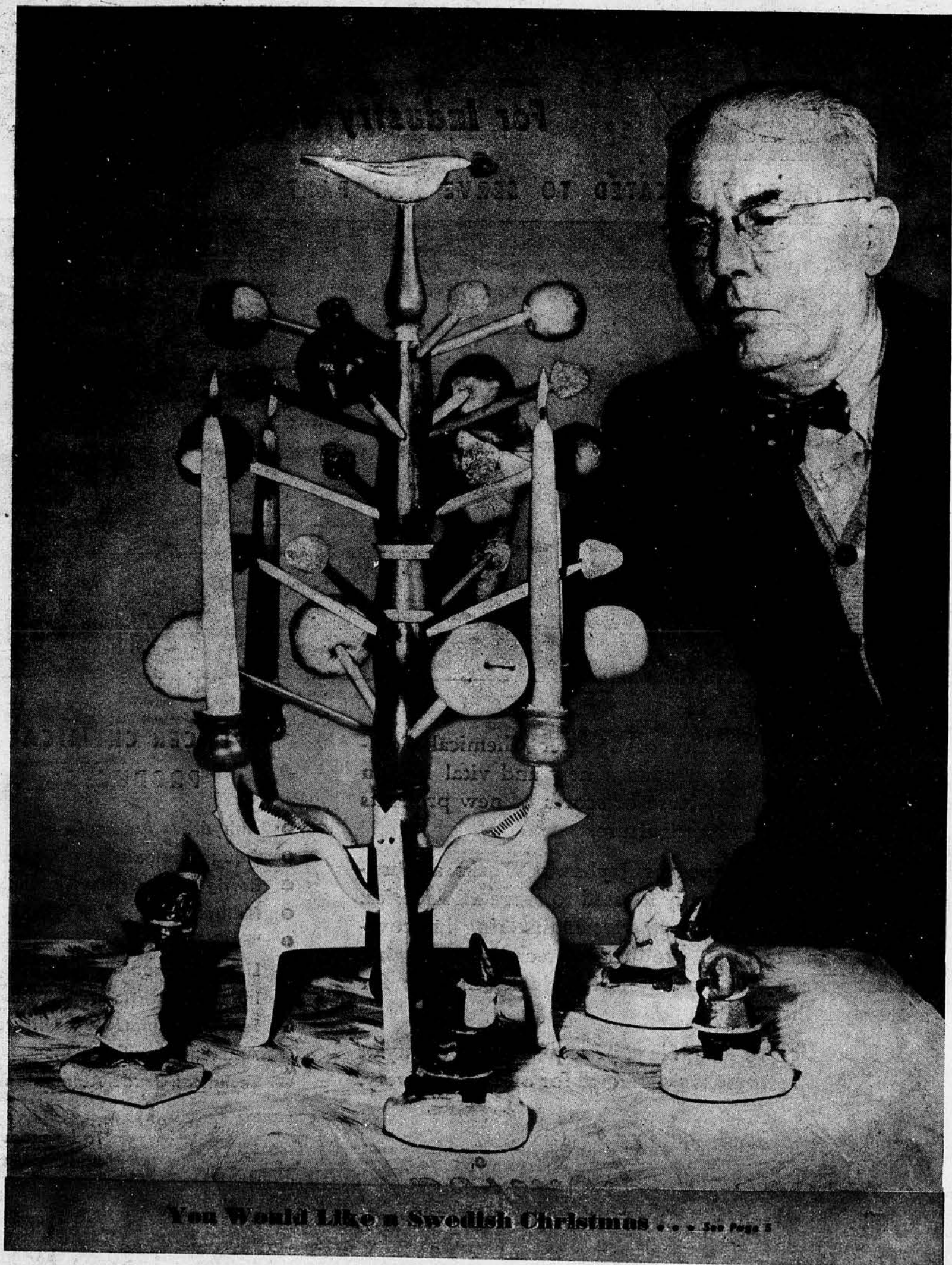


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# KANSAS FARMER

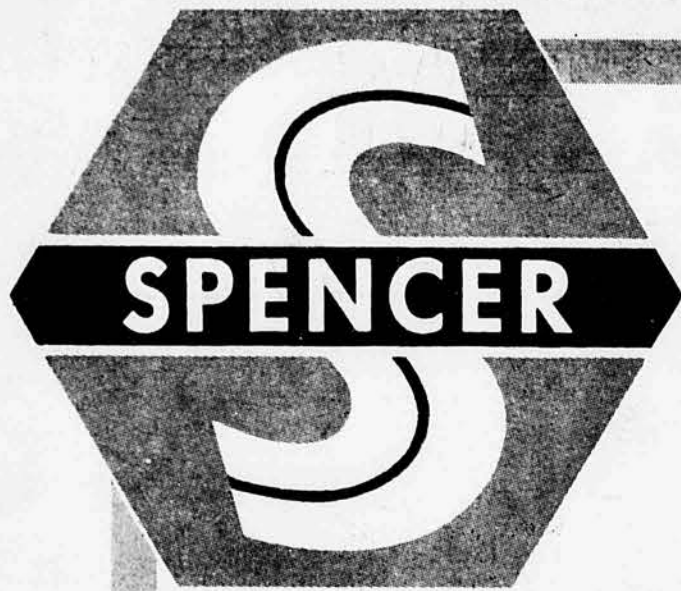
CONTINUING MAIL & BREEZE

DECEMBER 21, 1946



You Would Like a Swedish Christmas • • • See Page 5

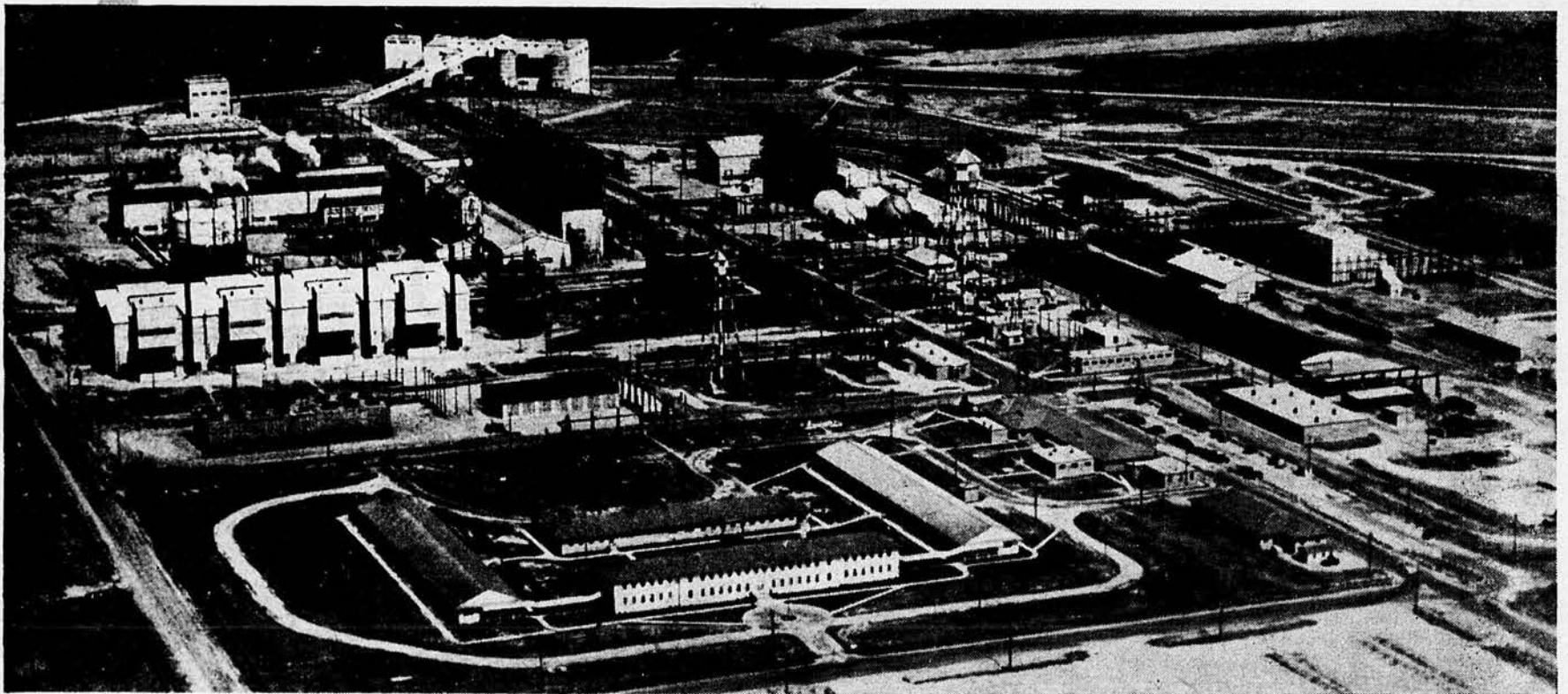




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## Sells "Oven-Dressed" Turkeys

*Finds New Market for His Birds*

**A**N EXTRA service to special customers was turned into a big business this year by Albert Weaver, Harvey county turkey raiser.

The last few years he has been raising 1,000 to 1,500 turkeys for the Thanksgiving and Christmas markets. Most of these were dressed on his farm south of Hesston, and sold to selected markets in Wichita. But the thing was getting too big for him, what with the usual run of farm work to do.

This year Mr. Weaver and Roy S. Troyer, who has a feed mill in Hesston, formed the Royal Turkey Farm and built a dressing plant. They expected to process about 10,000 birds to fill the demands which had been created by Mr. Weaver's sales in other years. Royal, incidentally, is a combination of Roy and Al, the two men's first names.

Shortly before Thanksgiving they set up a prefabricated steel building, and had installations made in time to process a number of turkeys for the late November market. The building lacked some finishing touches, like window panes, but it was near enough to completion to begin work. With a few more than 20 employees working 6-hour shifts, they expected to turn out 400 "Oven-Dressed" turkeys a day. Assembly-line technique, or disassembly, was new to many of the workers. The first day's work produced 100 dressed birds. The number was increased until the fifth day 270 were turned out. As efficiency increased, the number became larger.

Many of these broad-breasted turkeys were raised on the Weaver farm, somewhat more than 4,000 of them. The remainder Mr. Weaver bought from other producers in the community. His afternoon's were devoted to deliveries of the finished product to his many customers.

The building set up by the Royal

Turkey Farm is 24 by 92 feet. It was divided into 3 main sections to meet sanitation requirements, killing room, visceraing department, and the packaging and storage room.

After killing and picking were completed, the turkeys were scraped with special knives to remove pinfeathers. From here they moved to the visceraing room which was set up in true assembly-line style. A large round counter, about 10 feet in diameter, formed the worktable for those dressing the turkeys. A revolving wheel with closely-set spokes inside this counter carried the birds in their pans from one station to the next. After inner parts were removed and giblets saved, each bird was placed in a mechanical washer where it was thoroughly cleaned inside and out.

The next step was a cold one. Each bird spent sufficient time in ice water for complete chilling. From here the turkeys were placed on drying racks. New to the business, they found some metal drying racks which were used previously in some other poultry dressing house. But they like their own better. They consist of parallel sections of wood placed in a frame about waist high. The birds are slipped between the wooden pieces in an upright position and are supported by their wings.

After being dried, each bird complete with giblets is wrapped separately in cellophane and placed in a pasteboard carton.

The dressed birds are graded into 4 classes, toms and hens with firsts and seconds in each. Their first-class birds have no irregularities and no broken places in the skin.

What started as a more profitable method of marketing his own product has been turned into big business for Al Weaver and his partner in the Royal Turkey Farm, Roy Troyer.

## Broom Business Has Changed

**P**ROBABLY the only broomcorn grown in Reno county in 1946 was on the Ed Reiser farm, Langdon, R. 2. He is associated with his father, Pete Reiser, of Turon, who has worked in the broom business about 50 years. Ed's brother Don, who served 4 years and 3 months in the navy has now returned to Turon, also to take up the business. Don has erected a new building in Turon and installed new equipment for making brooms.

Ed Reiser and his father can turn out 700 brooms from one ton of broomcorn at their establishment in Turon. In good seasons, Mr. Reiser said, a ton of broomcorn can be grown on about 6 acres.

Times have changed in the business since 1934. Then broomcorn sold at \$150 a ton and labor could be hired for \$1 a day and board. Broomsticks were bought for 5½ cents each and string for tying was cheap. An ordinary house broom brought about 60 cents.

Today broomcorn sells for around \$300 a ton. This season Mr. Reiser paid

\$1 an hour for labor to hand-top the broom. Broomsticks cost 11 cents and string is much higher. House brooms sell for \$1.25 each, warehouse brooms \$1.50 and whisk and toy brooms sell for 50 cents each.

Mr. Reiser said the demand for brooms is greater than in 1934. The reason is simply the fact that more people have money to spend than they did at that time, he believes.

Broomcorn can stand reasonably dry weather Mr. Reiser said. The heads used for making brooms are topped by hand in the fields and then stored in suitable sheds to cure. The fodder standing in the field then is bound and used for roughage for livestock at the Reiser farm.

Altho a machine winds the wire tightly on the broom handles, and a press is used to shape each broom, the tying is still done by hand.

This year Ed Reiser raised 40 acres of broomcorn at his farm where he also grows rye, corn and maintains pasture for cattle and horses.

## Small Dairy A Good Side Line

**W**ILSON brothers, of Lincoln county, that includes Ted, Wayne and Tom, farm about 500 acres. With this large-scale farming, they operate a small dairy which is a profitable side line.

Before the war their dairy herd totaled about 80 head. But when Wayne was left alone to manage the farm, he found it necessary to reduce the herd. He sold the grade stock. They are milking only 11 cows now, but have the foundation for a good registered Holstein herd. The average production last year was 475.6 pounds of butterfat to the cow.

Included in their farm are 92 acres of good native pasture. They supplement this grass with balho rye and Sudan. To maintain a balanced-feeding program, the cows receive a regular amount of alfalfa hay and grain.

Selling their milk to local dairies that deliver the milk, they have no

storage problem. Milk is picked up morning and evening, just as soon as milking is completed. With the 3 brothers dividing the work, there is little chance of monotony from strict routine.

One of the unusual characteristics of this dairy enterprise is a full-time bookkeeper. Mrs. Ted Wilson has this job, mainly because she enjoys it. She keeps all records of production. In addition, Mrs. Wilson has started a comprehensive pedigree book on the registered herd. Included with each pedigree are the production records as well as an actual photograph of the animal.

A prospective buyer of a young registered Holstein bull or heifer calf is able to acquire a complete picture of the animal's background with a quick glance at her pedigree book.

It is a small dairy now but shows promise of a good future.



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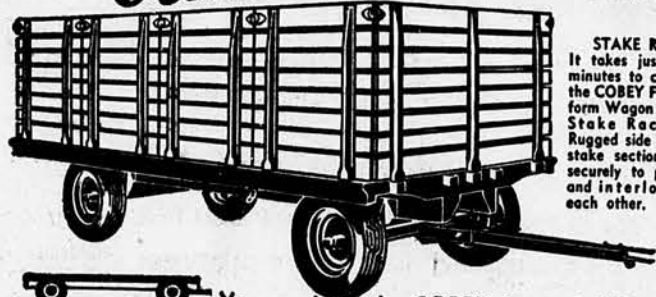
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**"FOR GOOD SERVICE... PHILLIPS 66"**

## Range Profit From Cow Herd

**G**OOD Barber county range proved itself again this year for Herb Gress, who operates a ranch northwest of Medicine Lodge. Mr. Gress has a commercial cow herd of about 150 Herefords headed by a registered bull. His herd started calving January 25. His calf crop arrived in 30 to 60 days.

After spring and summer on native range, between 70 and 75 steers were sold in late October. They averaged 533 pounds after a 3 per cent shrink and brought 19 cents. A neat return for his Barber county pasture land.

There is comfortable living in his picturesque ranch home. The modern house is built on a high portion of the range, several hundred yards back from a red-soil bluff. Poultry houses are located part way down the slope while his barns and corrals are in the valley below. Driving to his home, the visitor receives the impression it overlooks all his profitable acres. White-face cattle dot the ranges and only the whirr of his windcharger breaks the silence.

There is good living in the rough areas near the south border of the state.

## A Good Side Line

To meet demands of higher production during the war, J. E. Thompson and son, Dwight, converted an open-front machinery shed into a laying house. This 18- by 90-foot shed had been built in sections along the north side of their farmyard. By laying concrete floor and closing the front it was made suitable for 350 Leghorns.

Another son, Keith, was in the army. But Dwight's son and daughter, Kent, 6, and Ann, 9, helped with the poultry. Their job was to take care of the chicks in the brooder house and while out on range.

Selling hatching eggs in spring and market eggs the remainder of the year proved profitable. They expect to continue with the layers, finding other room for machinery.

## Meat of the Question

The meaty observation that may settle the question in favor of the all-pullet flock of egg layers is phrased this way by T. C. Byerly, says the U. S. Department of Agriculture:

"It takes 25 pounds of feed to develop a pullet to the laying stage. It takes about four fifths as much feed to carry a hen thru the 3 months usually required for the molt. In the old hen you get only a new coat of feathers, while in the pullet you get 5 pounds of poultry meat."

Taking into consideration the added fact that pullets lay more eggs than hens, this choice between a serving of chicken feathers and a serving of meat should settle conclusively the preference for pullets in the laying house and hens in the kettle or roaster, Byerly believes.

## Senator Capper on Radio

Every Sunday afternoon at 4:45 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

## KANSAS FARMER

Continuing Mail & Breeze  
Topeka, Kansas  
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Dressed in their St. Lucia costumes, Marinell Johnson, left, and Janet Bentson, of McPherson county, took part recently in a dramatization of St. Lucia's Day, which opens the Swedish Christmas season. On the table is another version of the Ljus Krona.



This Ljus Krona, belonging to Tillie Strom, left, and Ellen Strom, right, of Lindsborg, has been used by the family every Christmas since the early 1870's. Each branch represents a member of the family.

There's a Lot of Homespun Fun in a

# ★ SWEDISH ★ Christmas

By DICK MANN

IT IS a Swedish Christmas this year in McPherson county. There, where a large proportion of the residents are Swedish, home demonstration units of the Farm Bureau have been reviving some of the old Swedish Christmas customs. These have been dramatized in special events, with participants dressed in native costumes. Ida Hildebrand, home demonstration agent, has sponsored the idea.

And what a holiday the Swedish Christmas is. While many Americans are checking their budgets or frantically fighting their way thru the stores, people over in Sweden are preparing for a long holiday season of homespun gayety.

Their Christmas season starts on St. Lucia's Day, December 13, and continues at a merry whirl until, on St. Knute's Day, January 13, they "dance Christmas out."

But let Mrs. Otto Carlson, of McPherson, tell you about it. Mrs. Carlson was born and reared in Sweden before coming to McPherson county to make her home.

"On St. Lucia's Day," recalls Mrs. Carlson, "we girls would get up at 3 or 4 o'clock in the morning, dress in Lucia robes of white, and put on our Lucia crowns. These crowns were made with whortleberry leaves and were decorated with a circle of candles.

"With candles lighted we carried trays of hot coffee and cakes while we made the rounds of near relatives and friends for the Lucia ceremony. This consisted of waking them up and serving them coffee and cakes in bed. During the day we continued to wear our costumes and were addressed as 'Lucia' instead of by our real names."

From then until Christmas Eve there was a great hustle and bustle in and about the Swedish home, Mrs. Carlson reported. The menfolks butchered the beef, the hogs, and the sheep for the holiday feasts. The house must be scrubbed from cellar to garret, and every piece of clothing and linen must be washed so not one soiled thing could be found on Christmas Day.

Then there were Christmas presents to finish, for in Sweden every gift is handmade. The women are busy weaving, embroidering, carving, or painting behind closed doors. The men are either carving or painting. All are putting the finishing touches on gifts started months before.

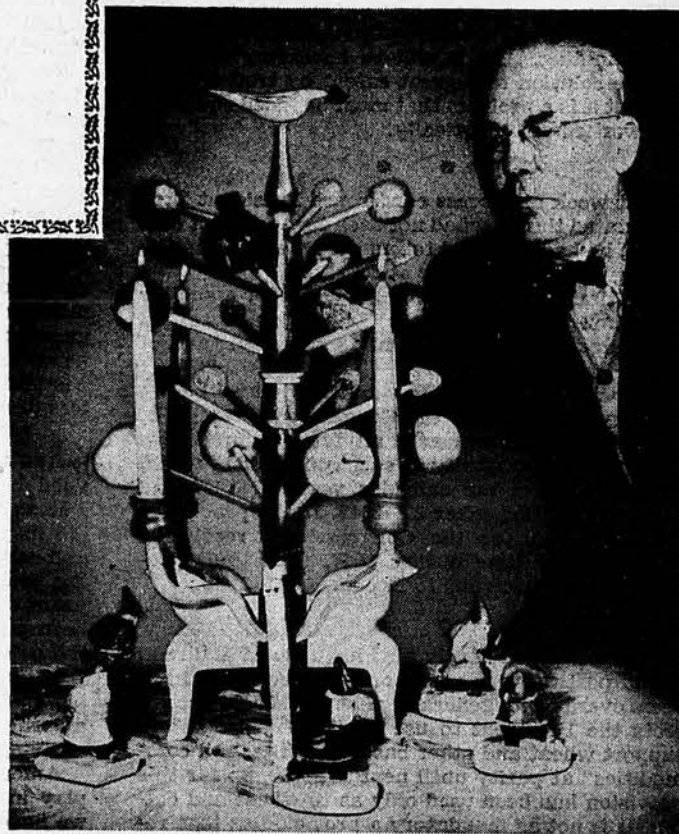
There are Svea Malt and Juniper Aid, Christmas ales, to be brewed. And sausage making to be done. There is barley sausage, pork sausage, liver sausage, and potato sausage. Christmas hams are cured with saltpeter and brown sugar, and smoked according to the sacred rites of an old recipe handed down from generation to generation.

Baking is a gigantic task because there will be many guests for the round of feasts and coffee sessions. There must be the baking of rusks and sweet pastries for the coffee periods. Wheat bread often is flavored with cardamon seed and saffron colored. Then there are all the Christmas cookies, such as gingerbread figures called "Nisse and Nasse." A jovial pair with raisin eyes. Others are reminiscent of the sacred goats of Thor or represent the Christmas boar. And cross-wheel cakes marked with the ancient sun symbol of the wheel and 4 spokes, and puff-paste cakes.

And we mustn't forget the wort bread. This is a wort-flavored wheat bread featured on "Dunking Day." On December 22 the children skip around in glee, chanting in unison: "It is the day before the day before Dunking Day." With this chant the children indicate their anxiety about the Christmas tree. So, off they go with an adult to the forest to choose and cut the Christmas tree. Decorative arrangements for the home include a pole set up in the yard to hold a large sheaf of grain, supposed to be the last sheaf of the harvest. Evergreen twig-tips are strewn on the entrance hall floor and in front of the door. Young spruce trees also are fastened to each side of the main doorway.

The Christmas tree proper has to be trimmed with rows and rows of small Swedish flags, plus some of foreign countries for contrast and courtesy. Small hams and pigs made of marchpane are hung, as are glittering festoons. Candles of pure wax complete the decorations.

On Christmas Eve, says Mrs. Carlson, bundles of rice straw are taken apart and straw spread over the floor, symbolic of the fact that the Christ Child was born in a manger.



A popular Swedish Christmas table piece is the Jul Krona, shown here. Oscar Gunnerson, Lindsborg merchant and artist, is putting the finishing touches on the piece. He also made the Jul Tomten figurines shown around the tree.

And Christmas Eve is the climax of Dunking Day. At that time a procession forms and marches out to the kitchen for the dunking. Thick slices of wort bread are dipped into the broth of sausages and hams. This is just an appetizer for the Christmas Eve dinner, during which there is another ceremony, the hunt for the Christmas almond.

This almond is hidden deep in the rice porridge. The young man or maiden who finds the almond is fated for marriage within the ensuing year. But no one may dig into the porridge without speaking a short rhyme made up at the moment.

Following this ritual there is the "lutfsk" and the well known "smorgasbord," including ham and many other side dishes. Then the older folks rest a bit before coffeetime. During this intermission the tree is lit and all circle the tree in admiration.

Suddenly the door is opened and "hustomten," the good luck gnome [Continued on Page 19]



# Farm Matters

## AS I SEE THEM

**F**IRST problem that faces the new Congress is the problem of organized labor. This is not just the problem of labor-management relations, as it used to be considered.

It has become the problem of Organized Labor-Government Relations; whether a Government representing all the people can continue to operate with an organized group within it which seeks more power than the Government itself has.

One of the troubles in working out a solution of Government-Organized Labor Relations problem is not to give to the Federal Government such arbitrary powers that the individual's rights (under the Bill of Rights) get lost in the shuffle.

I think the Congress will have to be careful not to yield to any proposal by which a solution would be attempted thru the device of granting to the executive branch of Government authority to issue directives and the power to enforce these directives.

We want to keep in this nation, pretty nearly the last refuge today of the rights of the individual as against totalitarian powers of Government, a Government by law instead of returning to the historic failure of rule by a man or men.

I do not want to see an anti-labor Government in power in the United States. I do not want, and will not join, in any attempt to destroy organized labor, nor to take away any of the rights of labor. But we do need definitions of the "rights" of labor and a limitation of the use of these "rights" so they cannot be taken and used as a "license" for organized labor leaders to prey on their own membership and on the rest of the country.

This problem has a lot of angles that are very difficult of solution, and require delicate as well as firm handling. And it will be necessary to work out the solution to a great extent by trial and error. But it is a problem that must be faced squarely and worked at realistically.

Last week at a press conference President Truman stated that if it had not been for the latest coal strike, he had intended to issue a proclamation declaring the war officially at an end.

The timing of such a proclamation (or a similar resolution by the Congress) is of immediate and vital importance to the farmers of Kansas and of the United States.

If such a proclamation should be issued before January 1, 1947, then the Government promise of price supports for nearly all farm commodities (at 90 per cent of parity on each commodity) would carry only thru the calendar years of 1947 and 1948, ending December 31, 1948. If the proclamation is issued (or the Congressional resolution adopted) any time during 1947, then the price-support program runs to December 31, 1949.

By the way, in nearly all I have heard and read about postwar price supports, it seems to have been overlooked generally that the OPA act directs the President to use all "lawful means" to support wheat and other basic and "Stagall commodities" at parity until next June 30. So far this provision has been used only as to wheat and cotton. It is not as mandatory a provision as that requiring support at 90 per cent of parity for 2 calendar years after the official end of the war.

In this connection it is of interest to wheat growers that Secretary of Agriculture Anderson has jumped the department's wheat export program for the current marketing year from 267 millions to 300 million bushels. Probabilities now are that

all grain exports for the year ending next June 30 will be pushed well over the original figure of 400 million bushels.

War and state departments are insisting that the exports of foodstuffs—especially wheat and other grains—be kept at as high figures as possible. If this program is carried out, prospects for wheat being kept at parity until the new crop comes in next would seem to be good.

Just the same, I am going to insist, especially if I am named chairman of the Senate Committee on Agriculture, that the Congress act promptly and effectively to formulate the farm price support program so farm income will be kept at the highest possible levels, consistent with making the shift from wartime to peacetime production, without aggravating the surplus problem.

### It Depends on Us

**I** THINK there is no better time than the holiday season to take stock of ourselves. Christmas beckons inviting expression of the best that is in us. It revives in our hearts the hope, the promise, of peace on earth. But like every other worthy goal, that peace must be earned.

It must be earned thru the honest desire of each nation to understand the other nations of the earth. It must be earned thru the sincere efforts of individuals learning to respect other individuals, regardless of race or creed.

The greatest Christmas gift my home folks in Kansas could receive, and the peoples of the world could receive, would be lasting peace. That is my deepest wish for you. Peace in which you may work toward the goals you wish to reach for the sake of your families.

Peace isn't impossible of attainment if we are sensible enough to live by that wisest of teachings, "Do unto others," epitomized by the Prince of Peace. May your Christmas be generous in material things that are good for you and yours; generous, too, in your determination to work for peace as hard as you worked to win a war against bestiality. Peace will be the product of our selfless devotion to the duties that precede it.

And as the new year dawns I wish you not only good health, personal prosperity and happiness. But as well, that satisfaction which comes from the inspiration of looking ahead to better things, and achieving them. We have been thru many trying years of grueling hard times, additional long years of heart-breaking war. A terrible price has been paid for the folly of mankind. We have paid the price in dollars and labor and precious lives. America must be big enough, the world must be big enough, to use that sad, sacred investment as a cornerstone on which to build a better standard of living and understanding.

America has a tremendously important role to play in this desired world recovery. Realistically we have a duty to share in overcoming the social and economic distress thruout the world. We no longer are able to live unto ourselves. But just as realistically, there is a point beyond which we cannot go. To support that truth, we must be a strong nation financially, physically and mentally as an example to other nations; and as a deterrent to ruthless political groups or individuals in this and

other countries. We must thoroughly discourage the thought of another war, just as thoroughly sponsor measures that will avoid depression and chaos.

Living up to such a standard in the new year that is coming makes it imperative that we clear up some of the troubles in our own house. I think that everyone must face his responsibilities squarely. No one should feel that the country owes him a living. Each industry and all individuals in those industries must feel the necessity, the nobility, of an honest day's work turning out the best quality products. There is a lot of ironing out of opinions to come before full production which we need in this country is reached. That is one hope, and one probability, of the new year.

I am happy to say that agriculture faces 1947 with a very fine record and a clear conscience. Farm folks didn't quit when the going was agonizingly tough during the depression years. They fought valiantly, winningly, thru the war—and set an all-time record of keeping up with production.

Agriculture must be as strong, even stronger, in the future because to me, our soil and its products form the foundation for all progress. And agriculture has every right to expect that strength. We can't get away from all the problems and hazards of operating a farm. In plain words, you can only guess about the weather; but you have irrigation, moisture-saving tillage and contouring. You have overhead expenses that are a worry; but you have improved crops to help make more economical yields. And they are getting better all the time. For example, we find that the hybrid corn of a few years ago, which produced such outstanding results, no longer is grown; it has been replaced by still better hybrids. Other crops are experiencing similar improvement. Your livestock of today is superior to the cattle and hogs and poultry you had even 10 years ago. According to our scientists—and your own observation—you have more insect pests and diseases to fight than ever before; but you also have improved products from our laboratories to cope with those production threats.

You have marketing problems to face. But you have higher quality products to offer; you are aiming at a balance in farming that will feed the market demand, yet avoid burdensome surpluses. You have better equipment to handle your operations. And you have better manpower. Backed by experience handed down from an older generation, our younger farmers also have the advantages of 4-H Club work, Vocational Agriculture, and agricultural college training. I think that is one of the most hopeful signs in the future of agriculture.

Demands on agriculture in the new year will be heavy, and in the years ahead. Yet with these qualities and improvements I have mentioned, and countless others in your daily lives, those demands will be met. And there is more than a hope that with each passing year, agriculture will show new strength, new vitality, additional aggressiveness and progressiveness.

I am proud of agriculture. I have great faith in it and in the people who man it. As I wish you a merry Christmas and a happy and prosperous New Year, my confidence in agriculture and in my Kansas farm friends never was at a higher peak.

*Arthur Capper*

Washington, D. C.

## Agriculture Does Have a Margin in Congress

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

**W**ASHINGTON, D. C.—Statistics are funny. The United States News—which does generally just about the best job of reporting Washington Government that is done these days—points out recently that:

The line-up in the new House of Representatives is 120 Republicans, 80 Democrats, and one American Labor member from industrial districts, as against 126 Republicans and 108 Democrats from agricultural districts.

This compares to the line-up in the present (but passed out) Congress of

76 Republicans, 124 Democrats and one American Labor member from industrial districts, as against 116 Republicans, 117 Democrats and one Progressive from agricultural districts.

"The turnover," says the United States News, "gave the farmers the dominant voice in the Democrat party by a margin of 108 to 80, and in the Republican party by 126 to 120. . . . In

the present Congress, members from industrial districts have held the dominant voice in the Democrat party by a margin of 124 to 117. That fact gave the labor leaders a great influence over the kind of legislation introduced in Congress and brought to the floor."

From which the United States News draws the conclusion that the farmer is better "fixed" in the new Congress

than in the old (present) Congress.

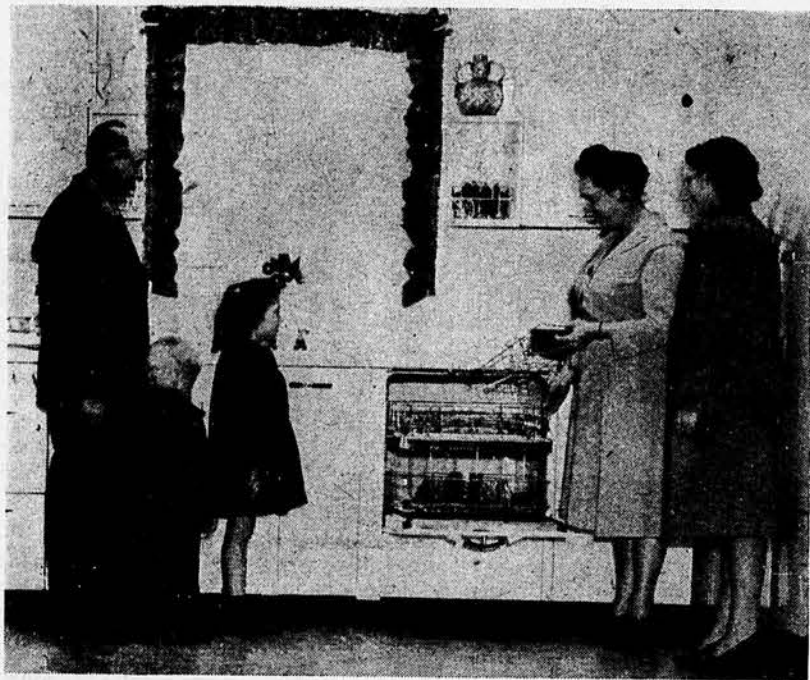
The figures do show, without question, that whereas in the Democrat-controlled House of the last 2 years, the industrial districts outnumbered the agricultural districts by a margin of 124 to 117 in the dominant party, in the new Congress the dominant party includes 126 from agricultural districts to 120 from industrial districts.

But the figures also show that whereas the Republican minority in the old (present Congress) consisted of 116 members from agricultural districts (Continued on Page 15)



## Make Electricity Do It

A "Service Show" Is Touring Part of State



Mrs. Garnette Tyler, power company home economist, demonstrates a new automatic dishwasher for Mr. and Mrs. John Akin, of near Lawrence, and their children, Larry and Linda. The electric dishwasher is one of the many pieces of equipment designed to make housework easier.

**D**O YOU wish to see what is new in electrical home appliances and farm equipment? A full "Electric Service Show" will be taken to every community in about half the counties in Kansas during the next year. It is being sponsored by the Kansas Power and Light company and the Kansas Electric Power company.

After several preholiday showings, the full exhibit will be taken into every community served by the 2 companies. It emphasizes how farm and home tasks can be made easier, with electricity doing the work.

The premiere of the "Reddy Kilowatt Full Electric Service" show opened in Lawrence, November 13. After a 3-day run, it was taken to Valley Falls for 2 days. Early in December the traveling show was in Topeka during the Midwest Farm, Home and Industrial Conference. Then the equipment was loaded on a special truck and trailer for its swing around the state.

Representative displays of equipment show how electricity can be put to work in every department on the farm and in the home. The companies are not sponsoring any particular brands of merchandise in the show. They selected equipment only to show what can be done electrically.

Booths with shiny new equipment naturally attract the most attention. But one of the most important displays in the show emphasizes proper and adequate wiring systems for the farm and home.

Often when electric wiring is first installed, the needs are underestimated. Small wires installed now may not carry the loads demanded of them later. A safety margin, too, must be considered. Overloaded wires are dangerous. In addition, the display points out safety devices which should be made a part of the wiring system.

You will be interested in the all-electric water system which will provide running water for the home and various farm buildings. The electric equipment for farm shops attracts young and old. And the electric poultry and dairy equipment will receive attention.

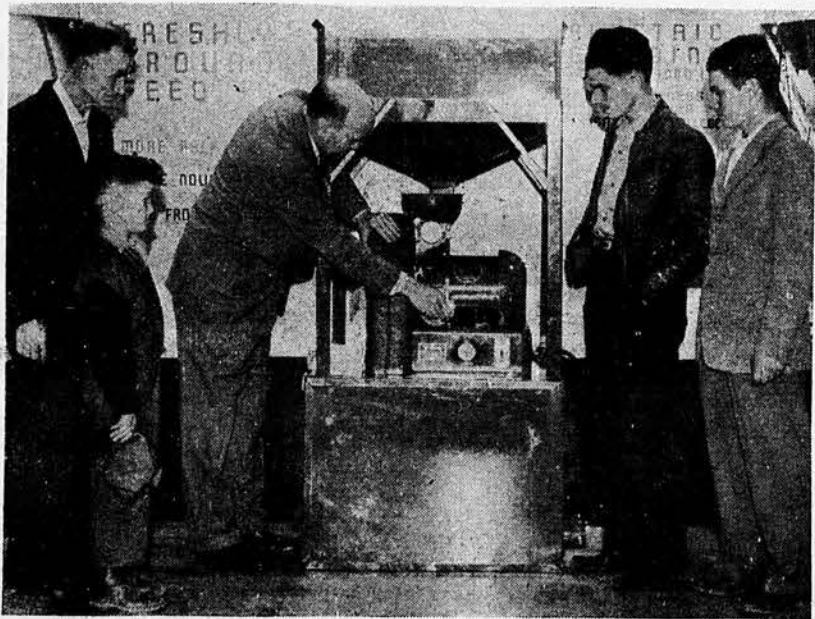
But a new adaptation of electric power on the farm may be seen in the automatic feed-grinding display. Automatic grinders can be small.

Company representatives travel with the show and are on hand to answer questions about the various exhibits.

The farm wife will be most interested in the "All-Electric Dream Kitchen" and the model utility room exhibit. These 2 displays are joined in one unit and emphasize the latest in automatic equipment for the kitchen and utility room.

In addition to explaining the use of this new equipment, Mrs. Garnette Tyler, home economist of the Kansas Power and Light company, is available to discuss the planning of new kitchens or remodeling old ones.

This show will help you make decisions on your electrical equipment needs.



Watching a demonstration of an automatic electric feed grinder is, at left, R. L. Clough, who operates a 378-acre farm in Douglas county. He has a dairy, raises hogs and sheep. Standing with him is his son, Kenneth, 8. At the right are 2 other sons, Donald and Earl. Carl E. Erickson, Manhattan farm equipment manufacturer, demonstrates the grinder.

# I'm going in for farming!



So far this year more than 12,000 telephones have gone into service on farms in our five-state territory. They are the first in our program to make good telephone service available in every rural area where we operate. Construction and installation work now in progress is adding daily to the growing number of farms equipped with telephones.

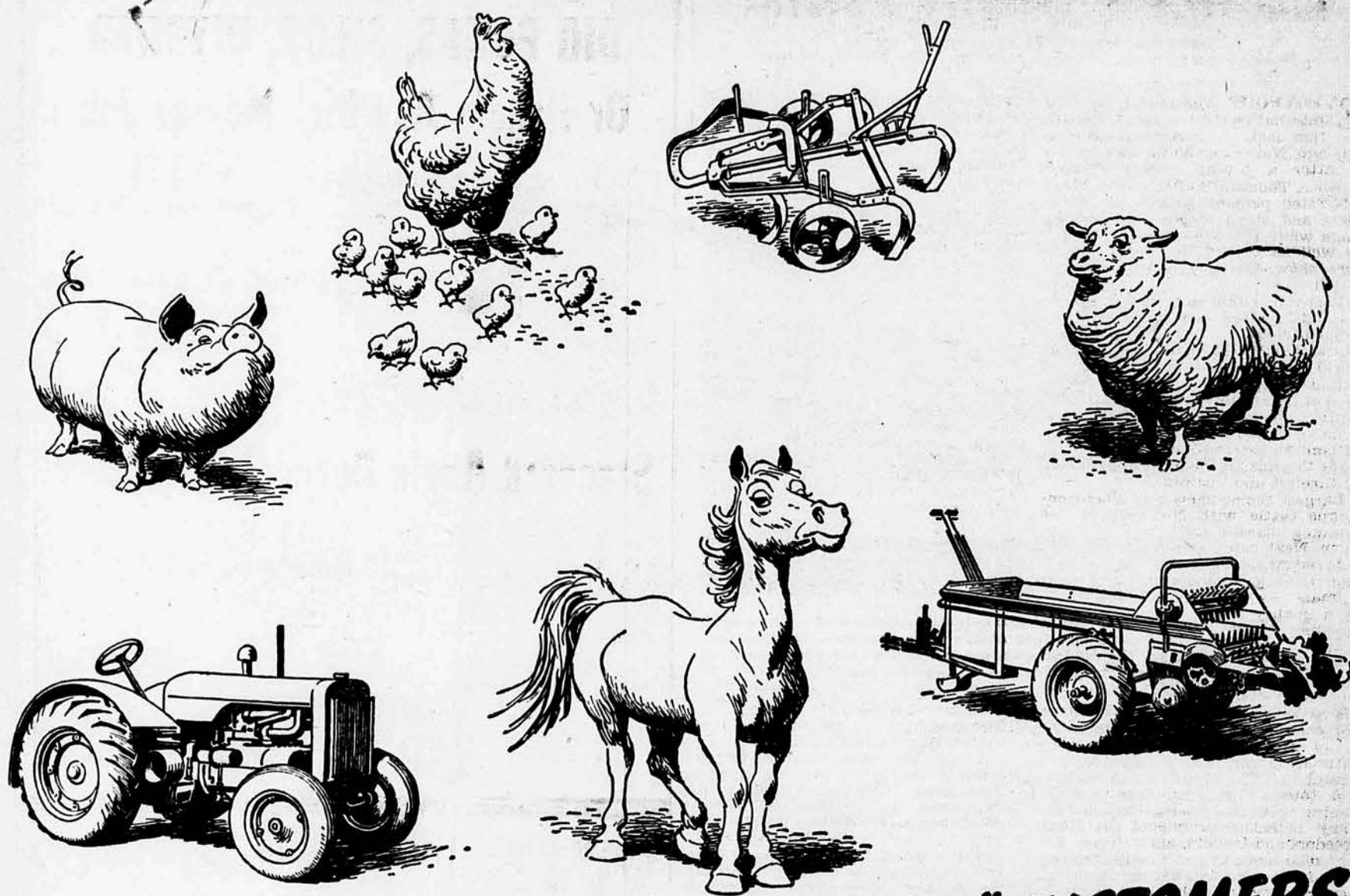
This rural extension and improvement program is one of the telephone company's big postwar undertakings. We figure it will take five years and 14 million dollars to do the job in 700 communities and do it right. Shortages of material have caused us to run somewhat behind schedule, but the future looks brighter and we expect to catch up before too long.

Meanwhile, you can be sure we'll be coming your way as soon as we can with new and better farm telephone service.

**SOUTHWESTERN BELL TELEPHONE COMPANY**







## MEET SOME OF OUR BEST "QUONSET" CUSTOMERS



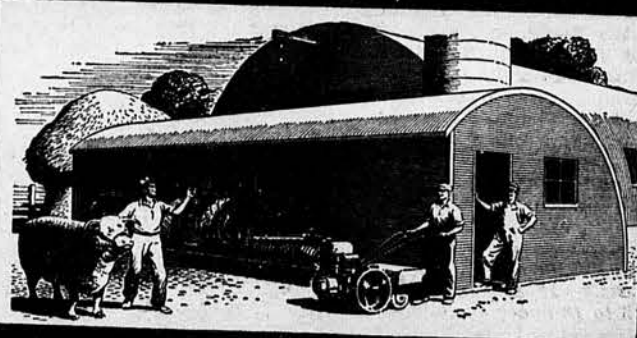
Yes, here are just a few of the "good customers" who enjoy the benefits of strong, sturdy "Quonsets." There are a lot more, too, because the flexibility of Stran-Steel nailable construction makes "Quonsets" adaptable to all sorts of interior arrangements, equipment installa-

tions, placement of doors and windows. Alert farmers are turning to "Quonsets" to meet their needs—exactly and permanently. See your local "Quonset" dealer for complete information... or send us a postcard requesting his name and address if you don't know where he is located.



THE "QUONSET 20"

20 feet wide; length as required, in 12-foot extensions. Standard end wall equipped with walk door, two windows and ventilating louvers. Side wall windows and solid end wall also available.



THE "QUONSET 24"

24 feet wide; length as required, in sections of 12 feet. Each section permits choice of open front, solid panel or sliding door. Standard end wall is solid; and wall with door and window available.

### GREAT LAKES STEEL CORPORATION

STRAN-STEEL DIVISION • DEPT. 13 • PENOBSCOT BLDG. • DETROIT 26, MICH.  
UNIT OF NATIONAL STEEL CORPORATION





## See 10,490 Quality Entries

At Very Successful International Live Stock Show

EVERYBODY was glad to see the International Live Stock Exposition back in its regular stride at Chicago, November 30 thru December 7, after a 5-year wartime forced absence. Thousands upon thousands of interested persons packed the arena seats and stood around the judging rings while the winners were picked, as well as to see the world-famous horse show. And they got their money's worth.

There on exhibit to prove that farmers and livestock men didn't let down or go backward during the war were 10,490 quality animals—best in the world. They came from 35 states and Canada. City folks were a bit wide-eyed at the sleekness of the cattle especially, while many asked a lot of questions about the hogs and sheep. Going without an International show so long made this one all the more appreciated by farmers and visitors.

Largest senior show was Aberdeen-Angus cattle with 351 head in the breeding classes and 108 in the fat show. Next came Herefords with 315 in breeding classes and 83 fat animals. Shorthorns had 262 breeders and 76 fat animals, while Polled Shorthorns put on a quality show with 128 head in breeding classes and 8 in the fat classification.

Proud exhibitors brought to the International really outstanding animals in other sections of the great show. There were 906 sheep, 324 head of horses, and 1,168 head of hogs. The junior division was a show in itself with 1,425 steers, 141 hogs and 60 lambs.

A total of 55 livestock and crops judges made the placings at Chicago. They included prominent livestock breeders and feeders, agricultural college men and packers from 17 states, Canada and Great Britain. Their decisions turned \$100,000 in cash prizes over to winning stockmen and farmers

among the exhibitors from the 35 states and Canada.

Kansas was represented among the judges by A. L. Clapp, Kansas State College, Manhattan, who placed small grain and sorghum classes.

Two firsts were earned by O'Bryan Ranch, Hiattville, in the carload swine show with his famous Hampshires. He placed second in the 10-barrow class, and second with pen of 3 barrows.

In the International grain show, Kansas was represented by Howard E. Hanson, Topeka, hybrid corn; William Habiger, Parsons, hybrid corn; Henry Bunk, Everest, yellow corn; S. S. Rice, Valley Falls, yellow corn; Earl G. Clark, Sedgwick, soft red winter wheat; F. W. Chamberlin, Carbondale, flax; Howard E. Hanson, oats; S. S. Rice, white dent corn; O. J. Olsen, Horton, white dent corn.

William R. Kasitz, Walton; Howard E. Hanson; Bud Carder, Elkhart; Earl G. Clark; and W. W. Jamison, Quinter, all entered hard red winter wheat; E. W. Hayden, Clements; F. W. Chamberlin & Son; William J. Braun, Inman; Howard E. Hanson; and Robert Gustafson, Palco, all grain sorghum.

The sixth annual Philip W. Pillsbury prize for the best wheat grown in the United States in 1946 and exhibited at Chicago, went to P. H. Rasmussen, Logan, Utah. There always is considerable interest in this prize.

In the junior livestock judging contest Kansas placed second with 21 teams competing; Eugene Leftwich placed first in all classes.

At meetings held in Chicago during International week, Will J. Miller, Topeka, secretary of the Kansas Live Stock Association, was elected president of the United States Sanitary Association. Dr. W. E. Logan, Topeka, was elected president of the National Association of Federal Veterinarians. These Kansans have a habit of working to the top in national organizations.

## From a Marketing Viewpoint

C. P. Wilson, Livestock; George Montgomery, Feed Grains; Paul L. Kelley, Poultry, Eggs and Dairy.

What are the prospects for the fat lamb market from January to April? —M. R.

About 7 per cent fewer lambs are on feed this winter than last. Government reports indicate that more lambs are on feed in the Central Corn Belt, about the same number on wheat pastures, and sharply reduced numbers in Western Nebraska and Colorado. Corn Belt lambs probably will move to market in volume in January and early February. This may cause some price weakness, but no serious declines are likely unless unfavorable weather should force a heavy movement of wheat pasture lambs at the same time. Lambs from Colorado and Western Nebraska usually make up the bulk of the supply in late winter and early spring. With reduced feeding in those areas this year, market supplies may be quite small after mid-February and prices are expected to be back up to recent levels.

What prices can be expected next March for the lower grades of slaughter cattle—those that now are selling for 15 to 18 cents a pound? —R. G.

Steady to strong prices for the lower grades of fat cattle are probable between now and next March. Seasonally small supplies of these grades of cattle and of hogs during March will tend to support prices. However, the usual amount of price advance for these grades of cattle cannot be expected this winter, because prices already are high and weakness in prices of the better grades of cattle is due by that time.

A wide spread in the prices of young hen and tom turkeys existed before Thanksgiving. Will this spread continue for the rest of the marketing season? —H. R. K.

It is probable there will be some narrowing of the price range between the top grades of young hen and tom turkeys as the marketing season progresses. Buyers probably will show more interest just prior to Christmas and again before New Year's. At present, the lower grades of turkeys have

been moving extremely slow at all markets. The large stocks of turkey in storage and the greater availability of red meats since October 15, have been price-depressing factors this year.

I will need to buy some corn to finish out some hogs. Should I buy now or will it be cheaper later? —G. S.

Corn probably will not be lower in price during the winter. Here in Kansas, the price of corn at local shipping points will tend to move to a ship-in basis. This indicates that corn may be difficult to find and the price may be higher than at present. The present is a good time to buy corn needed between now and next summer.

## Poultry Folks Elect

About 300 persons attended the 1946 poultry conference and annual meeting of the Kansas Poultry Improvement Association, held December 12 and 13, at Wichita.

Various groups of the association elected the following officers:

Flock Branch—Charles Sanford, Bentley, vice-president; R. L. Hancock, Wichita, secretary; A. D. Mall, Clay Center, and W. W. Matlock, Burrton, directors. President Earl Cook, of Hope, holds over another year, as do Directors Floyd Fike, Ramona, and Theodore L. May, Oberlin.

Turkey Branch—Floyd Raymon, Galena, president; M. D. Thompson, Wichita, vice-president; Mrs. Mildred Chamberlain, Valley Center, secretary; directors, W. W. Runft, Belleville; Eugene Morgan, Alta Vista; John Scott, White City; and Fritz Colburn, Independence.

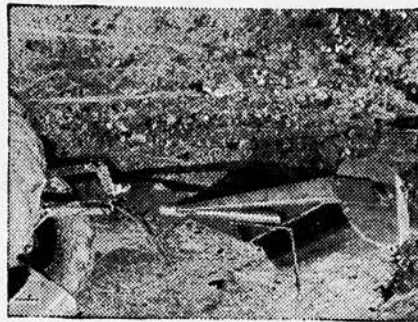
Hatchery Branch—F. L. Wells, Lyons, re-elected president; Jewell DeRousseau, Clyde, vice-president; Clarence Hoopes, Anthony, secretary; directors, E. E. Williams, Harper, and Perry Thurman, Anthony. Dr. E. E. Boyd, Stafford, and Floyd Harris, Kinsley, hold over.

R. O. P. Branch—Eustace Coombs, Sedgwick, president; Frank Kidwell, Powhattan, vice-president; Mrs. E. M. Brazelton, Troy, secretary; directors, Mrs. C. H. Triplett, Topeka; Burton Smith, Clyde; W. H. Drehe, Great Bend.

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With the  
**Memco Roto-Grader**

Automatically digs to regulated depth. Load can be spread evenly or dumped in pile. Bulldozes backward. Simple to operate. Extra heavy-duty construction.



## Standard Angle Dozer Saves Labor

Hydraulically controlled. Will operate straight ahead or can be quickly adjusted to five different angles. Simple to install. No chains or pulleys. A real time and money saver for any farmer. Fits Ford-Ferguson, International H and M, and VAC Case.

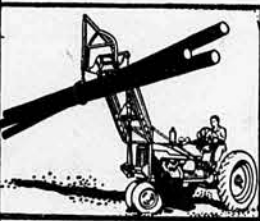


## WINTER-Spring SUMMER-FALL

YOU CAN ALWAYS  
SAVE WITH THIS  
YEAR 'ROUND  
HELPER



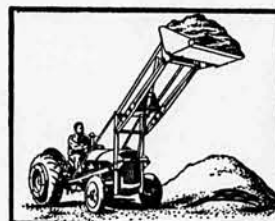
You can get more work done with less labor with this hydraulic loader on your farm. Easy and simple to install and operate. Low-cost, interchangeable attachments: manure fork, scoop, hay fork and crane.



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## DU-MORE HYDRAULIC LOADER

Fits all popular makes of tractors, with or without hydraulic pump. Row crop or standard wheel models.

Dealers—Write for Open Territories

**PERRIN MACHINERY COMPANY**

Phone 164

Peabody, Kansas





Cookies are traditional for the Christmas holidays. Tie them on the tree and the centerpiece will be pretty during all the season.



Cookies may be cut in fancy shapes and decorated with all sorts of new trimmings now found in the markets.

## A Merry Christmas TO YOU

Holly wreaths and candies,  
Plum pudding and a tree,  
If that's what you want for Christmas  
Just send the bill to me.

THAT is Santa's message to all of us. It is time to dust off those boxes of ornaments and see exactly what we have. Budgets may be lean for Christmas frills but ingenuity and ideas are free and plentiful. Christmas for the children lies as much, perhaps even more, in the anticipation and preparation as in the celebration of the day itself, so let them help with the planning, baking and decorating. Wreaths for the windows and on the doors to welcome guests, graceful garlands over the fireplace or on the banister in the hall; evergreen balls, table decorations and informal bouquets enriched by soft light add cheer that will make Christmas live long in memory.

Have a real old-fashioned Christmas and let the young fry help to make the decorations. A word of warning—keep them safe—mount the Christmas tree away from the fireplace and remember that crepe paper and cellophane are highly inflammable. Use them where there is no fire nor candlelight.

For the mantel or the Christmas dinner table, select a log of wood about 9 inches long and about 5 inches in diameter. Split the log in halves lengthwise, smooth one piece with a plane or knife, both at the ends and the base. Of course the bark should remain. Measure off the half log into thirds and drill 3 holes along the top center, the size needed for 3 candles. The holes must be the same depth so the candles will stand at uniform height.

Then wire tiny sprays of any Christmas greens together. Native cedar, tiny pine cones, buckbrush, sumac berries, rose hips are some suggestions. Tack these clusters here and there along the sides of the log but do not cover completely. That is, allow the bark to peep thru a little. To make the log last for more than one holiday season, coat it with shellac and store it away with the other Christmas decorations.

If you have a large dining table and expect to have a Christmas dinner for a large family, a tree 2 feet high or less in the middle of the table may be decorated in the usual way. Wrap special favors and small gifts and arrange them around the base of the tree. Pass the gifts between courses or after the last course. For little folks the expectation will be worth while. They will be delighted.

By FLORENCE MCKINNEY

### 'TIS CHRISTMAS

The chimes ring out,  
While children shout  
The glad, glad time of year.  
They tarry late  
And gaily wait  
For good old Santa, dear.

The cakes are capped,  
Boxes are wrapped  
And placed beneath the tree.  
With secret poise  
And tiptoe noise,  
The watchers dance in glee.

The time has come  
With doll and drum  
For little girl and boy.  
Banners unfurled  
Thruout the world,  
Christmas brings love and joy.

—Bertha Delaney Miller

Candles set in a board is one way to decorate the dining table. Take a large board, even a breadboard will do if it is not too large for your table. Candles will be the major part of this decoration, so decide first how many candles you wish to use. Drive nails thru the board in the places where you wish the candles to be. Then press the candles down over the points of the nails. Mass evergreen branches or other greenery around their bases. Pine cones and silver and gold stars may be arranged in the greenery.

Set a tall candle in the middle of the dining table or on the mantel. Around it arrange several colored

light bulbs and over them place some varicolored Christmas tree bulbs. The colored lights will shine thru and make an especially lovely glow.

For candleholders just right for Christmas, make small megaphones of colored paper. Decorate them with stars, colored bits of paper or Christmas stickers. Set the wide bases on the table and stick candles in the small end.

Tall, red candles stuck into small, white flowerpots will be beautiful arranged on either the table or buffet or mantel. Fill the pots with sand so the candles will be solid. White crepe paper ruffles will be a good substitute if you do not wish to paint the flowerpots.

If you have a wooden chopping bowl or salad bowl, it can be used in the Christmas decorations. Place a tall, red candle in a low candleholder and put it in the center of the bowl. Heap fruits and nuts in the bowl, hiding the candleholder. The pears and apples can be rubbed with a cloth and a little olive or other cooking oil. That gives the fruit an extra sheen. Tie a red ribbon bow part way down on the candle.

The little folks will enjoy especially, a favor at their plates. Cut oranges in halves, place the cut side down on a small plate. Core a hole in the top of the orange the size of candles you wish to use. Stick a candle in this hole and light it when the dinner is about to begin. If preferred, striped or bright-colored stick candy can be inserted instead of the candles. Apples may be used in the same way. A slit, also, may be made in the side of the orange or apple—here insert a place card.

For a buffet dinner any time during the holidays, make a spiced fruit display, both to look at and later to eat. On a large silver or glass platter, arrange pickled peaches, red cinnamon apples, brown spiced pears. Cooked prunes, crab apples and red and green maraschino cherries will add more color. Some watermelon pickles with a stick or two of cinnamon, and perhaps a few whole cloves, stuck into the fruit and the picture plate is ready to serve.

Polish large, red apples with olive oil and arrange in a bowl. Carefully crack one-half side of some English walnuts and arrange the other halves in among the apples. A [Continued on Page 11]



## At the 4-H Club Congress

By FLORENCE McKINNEY

TO SEE and hear 1,300 young men and young women meet together at the 4-H Club Congress in Chicago is an experience, long to be cherished. State winners from 46 states get together for 5 days of meetings, 3 daily meals, sight-seeing tours and interviews. They are some of the finest young people from all this broad land of ours. They speak with assurance, some even with a bit of sophistication, that some oldsters thought was lacking when the Congress first was held.

Heard from over my left shoulder, in a soft southern voice, "I'm commencing to believe that I tawlk funny." It was quite an experience to hear the accents from the South and the far North-east. Perhaps the meeting together was healthy for an exchange of regional views.

Two thousand young people and adults ate 3 times daily in the grand ballroom of the Stevens Hotel, the headquarters. The organization for feeding that many people at the same minute, indicates mastery of the problems of institutional feeding and management. The young people were guests at breakfasts, lunches and dinners of commercial companies, who served lavish meals in an elegant style.

Those frozen cakes—twice they appeared for dessert, each lighted by means of a battery inside a pastel-colored cake of real ice, carried by white-clad waiters. Beautiful to look at and luscious to eat.

In small conference groups, the young people discussed the law of supply and demand and whether it always worked, whether wars are inevitable, the effect of too many religions on world peace in our time. They had excellent, well-chosen leadership and guidance in these conference groups. But nevertheless, they tackled all subjects presented to them and moreover seemed to enjoy it. They were not hesitant, they spoke without urging.

We walked into one discussion group where there was a great difference of opinion as to whether full employment is a Government responsibility. The same went for the matter of high taxes and trade relations. Some opinions indicated rather wide knowledge of agriculture, but rather limited knowledge of the enormous problems of unemployment in industrial areas in years of depression. Older heads put them right when necessary.

Everyone from Wisconsin wore a bright red scarf and everywhere they were in sight. The boys from Texas wore boots and tall hats, but none looked more distinctive than the Kansas lads and lassies with their yellow sunflowers stuck in lapel buttonholes.

There weren't enough sunflowers to go around, so Naomi Johnson of the extension staff walked all over the Loop looking for yellow and brown felt. When we last saw her, she was making sunflowers for the soon to be grateful Kansans.

The Monday breakfast was out of this world in quantity, even a bit too much for some of the farm boys who eat big breakfasts. On the table were trays of breakfast rolls and toast, soon came 2 pork chops, fried cornmeal mush and fried potatoes—and always milk—yes, 3 times a day. To put it mildly, we were well fed at the Congress.

Quite a large delegation from Canada was in attendance and 6 mature older Spanish Americans and one from Jerusalem, Palestine. They attended just to observe 4-H methods and the American way of life. They are in this country studying American agriculture in many sections of the country under the guidance of Dr. Fred Frutche of the extension service, Washington, D. C.

Addressing all 1,300 young people who represent 1,700,000 4-H'ers who did not attend, M. L. Wilson, director of the U. S. Extension Service, said, "The basic root of war is misunderstanding—a wrong idea of what constitutes culture in other lands and among other peoples. Education breeds understanding. Building real peace requires real understanding.

Christianity cannot close its eyes to racial intolerance." Then, divided into 10 small groups, the young folks took the world's problems up from there.

### A Merry Christmas to You

(Continued from Page 10)

few sprigs of bittersweet, small pine cones or any winter greenery will look well in among the apples and nuts. Place the bowl on a mirror in the center of the table and you have an attractive centerpiece.

Onions, turnips, carrots, red and yellow apples and peppers may be arranged in a bowl. They may be laid directly on the tablecloth with oil paper underneath if you like. Better still arrange them on a mirror. Edge the grouping with small candles in tiny holders.

Make one large cellophane bag filled with candles, fruit and nuts and tie the loose sides together with contrasting Christmas ribbon. Use this for a centerpiece and make tiny duplicates for each place around the table, one for every person, large and small. Part of the bags red and others green will give the table a festive look; and how easily it could be done.

### At the Last Minute

If you've overlooked some child whom you would like to remember in some simple way, have your carpenter husband saw out large blocks about 6 by 4 by 1½ inches. Pile them in a carton covered with gay red paper and your 3- or 4-year-old will be delighted and spend many happy hours with them. Incidentally, this is the type block educators favor for small tots, since they are easy to handle at an age when co-ordination has not yet been highly developed.

Or paint an old tin breadbox with red and green stripes, or cover with gay Christmas paper and fill with all sorts of small games such as the small fry like—dominoes, jackstraws, darts, marbles. It will take on the form of a treasure chest and delight them no end.

Take an old breadboard, some meat skewers and empty spoons. Paint each pair of spoons and sticks a different color—red, green, blue, yellow. This is a fine way to teach the tiny children colors and is comparable to the pegboards used in kindergartens. Holes for the gay spoons can be made with brace and bit. —Louise Price Bell.

### That Cedar Aroma

By PATSY

After years of use cedar chests may lose that characteristic aroma. To renew that aroma, apply a few drops of oil of cedar, obtainable at drug stores, most furniture and dime stores, to a soft rag or piece of cheesecloth. Rub the interior surfaces of the chest thoroughly; then close the chest for a while before replacing the garments in it, to permit the wood to absorb the oil. This oil should be used sparingly, —too much may stain the garments.

### Rice Stuffing

For something a little out of the ordinary for the Christmas bird rice stuffing may win applause.

1½ cups rice	6 fresh mushrooms
½ cup chopped celery leaves	2 teaspoons salt
½ cup minced onion	1 teaspoon poultry seasoning
2 tablespoons fat	water

Wash rice. Brown celery leaves, onion and chopped mushrooms in fat. Add rice. Brown until rice is a golden color. Add salt and poultry seasoning. Cover with water until water is one half inch above rice. Cover and steam for 10 minutes. Remove from heat. Stuff bird just before roasting.

### For Candle Drip

A dull knife, a warm iron and cleansing tissue will aid in removing candle drip from the tablecloth. First, scrape off as much of the hardened wax as possible, then place the stain between 2 pieces of cleansing tissue and press with a warm iron. Change the paper as it becomes soiled. Finally sponge with a grease solvent.

## Tastier CINNAMON BUNS



● Piping-hot, luscious Cinnamon Buns—make them quickly... at a moment's notice with wonderful Fleischmann's Fast Rising Dry Yeast.

Easy to use... extra-fast Fleischmann's Fast Rising Dry Yeast stays full-strength for weeks on your pantry shelf... always ready for quick action.

If you bake at home—just dissolve speedy Fleischmann's Fast Rising Dry Yeast according to directions on the package—then use as fresh yeast... Get a supply from your grocer today.

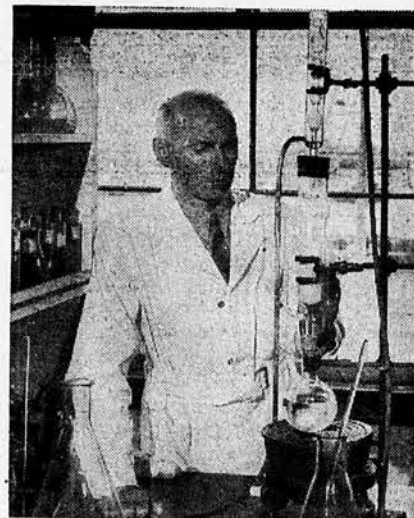


## Stays fresh on your pantry shelf

## SEA PEP

minds its  
**P's and Q's**

**P for Potency**  
**Q for Quality**



SEA PEP minds its "P's" and "Q's" at every step in production. Every batch is laboratory tested at every turn... complete physical and chemical tests for purity and palatability. If any oil fails to come up to our rigid specifications,

even in some slight particular, it is rejected. SEA PEP is also continuously "chick-tested." Thus you are assured a feeding oil of guaranteed potency and assured quality. A potency for every purpose... in 55 gal. drums and 5 gal. cans.

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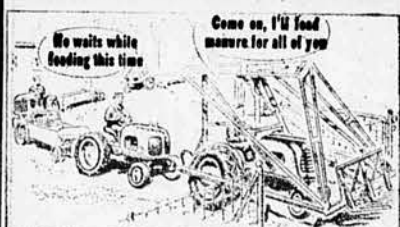
## SEA PEP

Vitamin Oils

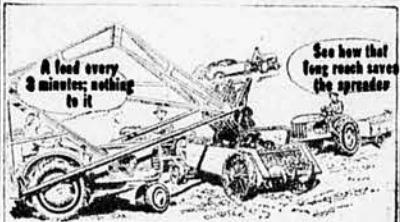
"A" and "D"  
FEEDING  
OILS OF  
QUALITY



## THE MODERN WAY TO HAUL MANURE



Modern farmers line up behind the Hydraulic Farmhand all purpose farm loader to begin day's work.



Working one farm at a time, Hydraulic Farmhand keeps the spreaders loaded; time is spent hauling, not waiting; more done in an hour than working alone in a day; half ton bite loads faster than 10 men, keeps spreaders in the field.



Morning's end; no one tired out. Modern style manure hauling has done more than 10 men at hand pitching. Ready for the next farm. Modern farm studys show spreaders loaded for 6c (at Farmhand speed).

### A YEAR 'ROUND FARMING HELP



### HAYING

Manure hauling can be cost free; Farmhand pays for itself on a dozen other jobs. Year around worker on haying, harvesting, snow plowing, and any lifting job.

Owners claim savings of \$2.50—\$5.00 per ton on haying, \$45 per day in harvesting.

Low cost, only \$325 F. O. B. Factory (attachments extra) the biggest strongest most adaptable loader for all farm jobs. Lifts 3000 lbs. 21 feet. None has worn out in 7 years work.

WRITE FOR BOOKLET AND NEAREST DEALER'S NAME

**HYDRAULIC FARMHAND**  
Hopkins, Minn.

## Study How to Save Soil

Three-Day Training School Held at Manhattan

By RAYMOND H. GILKESON

NINETY-FIVE alert, farm-seasoned soil conservation supervisors from 66 of the 72 districts in Kansas, met in a 3-day training school last week at Manhattan. Sponsored by the Mississippi Valley Association, in cooperation with Kansas State College, the Soil Conservation Service, and the State Soil Conservation Committee, they listened to latest facts on need for soil saving. Also, on how the drain on soil resources can be stopped.

A picture of soil loss was presented by George Rinehart, Parsons, chairman, State Soil Conservation Committee. He said of 415 million acres of cropland in the U. S., 60 per cent is subject to erosion, 50 million acres are unprofitable to cultivate, another 50 million have lost one half of the topsoil.

In Kansas, he pointed out that 52½ million acres of cropland are affected by erosion, 14 million have lost three fourths of the topsoil, 23 million acres have lost from 25 to 75 per cent of the topsoil. And it takes from 300 to 1,000 years for Nature to make an inch of topsoil.

But Rinehart said something is being done in Kansas to stop this. More than 150,000 acres have been terraced—8 million more need it; 325,000 acres are contour farmed—7 million more need it; 7,000 acres of grassed waterways have been established—one half million more are needed; lime, legumes and fertilizers are being used on larger scale each year.

### Source of Renewable Wealth

J. C. Mohler, secretary, Kansas State Board of Agriculture, told supervisors that interest of the state in soil conservation transcends all other interests, as upon a fertile land depends the welfare of its people. Land is our most priceless asset, he said. Minerals may be exhausted, but properly treated soil will yield indefinitely; it is a constant source of renewable wealth.

"Kansas is young and has not suffered so much from soil loss and fertility loss as many other states. That is all the more reason for giving greater attention now to the preservation and upbuilding of our land," Mohler continued.

"In tackling these problems, we are better armed than ever before by having power equipment and a constantly growing fund of scientific knowledge. We are deeply indebted to those who have designed modern tractors, terracing equipment and tillage implements that lend ease to better farm practices and in efficiency of operations. The same is true of our college people, who have developed new crops, new varieties, new rotations and new methods. Out of research is bound to come still better equipment and methods to speed the all-important job of preserving our soil and improving its fertility," Mohler concluded.

Everett T. Winter, Omaha, Neb., of the Mississippi Valley Association, speaking for businessmen, said: "As years go on, we will have to rely more and more on the soil for raw materials used in industry. The soil is the only source of new wealth."

H. E. Jones, Kansas State College, pointed out that nitrogen, rather than moisture, may become a limiting factor in crop production in Western Kansas, if the nitrogen and carbon trends continue downward.

"How long will our soils last?" asked Nicholas Holowaychuk, Kansas State College. "Sloping land when bare or in clean tilled crops loses about 3 inches in 10 years. A small grain and 1 or 2 years of clover cut that loss to one fifth; tame grasses or legumes reduce it to about one hundredth. Soils with tight subsoils may suffer losses 5 times greater than open soils. Wind erosion removes about 2 inches of soil in a typical 10-year period on open, clean-cultivated fields. Much of our land can be damaged beyond economic use in 20 to 30 years thru the more destructive practices."

W. E. Fisher, vice-president of the Federal Land Bank, Wichita, compared appraisals on a number of identical farms. Some show declining land values even under rising land prices. Erosion was one trouble.

"Legumes are among the most neg-

lected crops on the farm, but they should be considered among the most important," said H. E. Myers, head of the Department of Agronomy, Kansas State College. "They reduce erosion losses, as well as add to the supply of soil organic matter and nitrogen. Alfalfa has erosion-resisting qualities about equal to that of grasses. Same is true of sweet clover, red clover and lespedeza while they occupy the soil following the seedling stage."

A. D. Weber, head of the Animal Husbandry Department, Kansas State College, urged more general adoption of approved systems of livestock production. Livestock provides a market for the soil-saving crops of grass and roughage, returns fertility to the soil, and will bring stability and prosperity to agriculture in the years just ahead, he said.

"Pasture must be the basis of any diversified crop-livestock farm plan," explained Kling L. Anderson, of the college. "And when the value of pasture as a farm crop is fully appreciated, such will be the case." Grass binds the soil, improves fertility; but it also is a farm crop—permanent pastures plus rotation pastures make for greatest economy in livestock production and balanced farming, he asserted.

E. H. Coles, superintendent of the Colby Experiment Station, stated that, "If Western Kansas farmers are to have an even flow of agricultural income, attention must be given to livestock production. Farmers should farm as well for feed as they now do for wheat. Summer fallow is the surest method of feed production. The silo is the best place to store feed."

### Need Grass Seed

There is a rapidly increasing demand for grass seed, reported M. D. Atkins, Soil Conservation Service, Manhattan. He believes 3½ million acres now in cultivation in Kansas should be seeded down. This, he said, would require 500 million pounds of grass seed. "Much progress has been made towards increasing the available seed of adapted grasses, but supplies are not keeping up with demand. Grasses most needed are brome among the tame grasses; and native pasture grasses including blue grama, little bluestem, big bluestem, buffalo, sandhill bluestem, side-oats grama, switchgrass, sand lovegrass, Indian grass, and western wheat grass." Harvesting seed from native pasture or hay areas when conditions are right, and planting pure stands of these grasses for seed are suggested.

Andrew Reigel, of Hays College, explained the effect of drouth on the short grass prairies. Grass that covered the ground 90 per cent in 1932, he said, was reduced to 20 per cent by 1940. Yield of short grasses dropped from 2,000 or 3,000 pounds an acre to only a few hundred pounds. "During



severe drouth roots of grasses are greatly shortened. For example, the roots of buffalo grass and blue grama extended 5 feet deep when the drouth of the 1930's began. But at the close of the drouth they were limited primarily to the top 3 feet of soil."

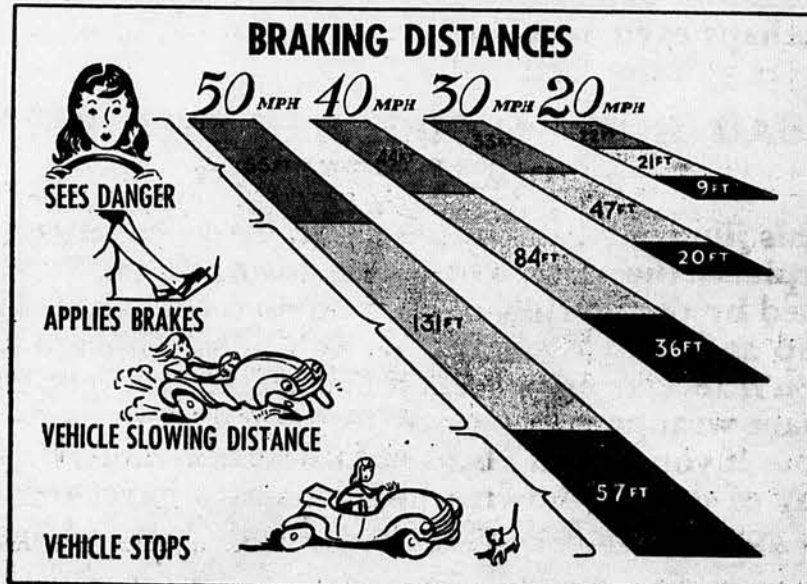
R. I. Throckmorton, dean of the School of Agriculture, and director of the Agricultural Experiment Station, Kansas State College, said: "Summer fallowing, thru increasing the amount of moisture in the soil at seeding time, is a form of insurance against crop failure, and against soil losses in the light rainfall regions. Summer fallowing should be practiced on the heavier soils of Western Kansas for the production of wheat and sorghums."

Talking on "Stubble Mulch Farming," F. L. Duley, Soil Conservation Service, Lincoln, Neb., explained that it means "maintaining stubble, straw or stalks on the land while preparing the soil for the next crop. The crop then is planted thru this residue. It has been shown in our experiments that land which is plowed and worked down with a bare surface has lost 2.5 times as much water by runoff and 4.5 times as much soil by erosion, as land that has been farmed with residue protection. Yields of crops have been about the same as where land is plowed, but soil is saved. Methods have been developed for producing all the common crops, corn, oats, wheat, and for starting legumes and grass with residue protection."

Major plant nutrient elements which plants obtain from the soil, as pointed out by Floyd W. Smith, Kansas State College, are: Nitrogen, phosphorus, potassium, calcium, magnesium, and sulfur; minor elements include iron, manganese, boron, copper and zinc.

Irrigation is moving farther eastward in Kansas, reported R. H. Dubois, of the college. Irrigation by pumping has paid good dividends in Western Kansas, he said, and predicts this also will be true in many areas of Eastern Kansas. George S. Knapp, Division of Water Resources, Topeka, explained about state control over surface and ground water.

### How Soon Can You Stop?



The chances are that you cannot stop as quickly as you might think. An average motorist traveling 30 miles an hour, with the advantage of good brakes, requires 100 feet to stop after first sighting danger. Another 20 feet would be required if brakes were only passable. The chart shows results of average person using good brakes at various speeds.



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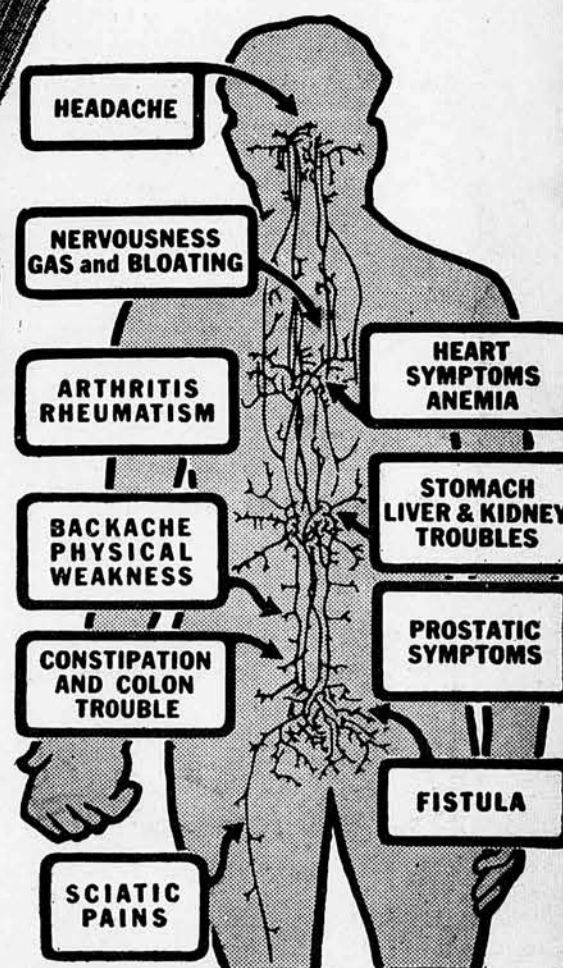
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## Kansans Take High Honors

Seven 4-H Young Folks Win at Chicago

**S**EVEN young Kansans won national honors at the National 4-H Club Congress, held early in December at Chicago.

For the second year in succession a Kansan won the top of all 4-H Club awards, the leadership award. This year, it was won by Lewis Topliff, of Formoso. Young Topliff won the coveted Moses perpetual trophy and a \$200 college scholarship, presented by Edward Foss Wilson, of Chicago. His community work has been outstanding in every respect.

Norma Ruth White, of Hill City, received a Spool Cotton Company scholarship to further her college education and a trip to the Congress. During her 9 years activity in the Bow Creek 4-H Club, Norma has made 175 of the 200 garments in her wardrobe, having started with simple dish towels to her present skill with suits and coats.

She has been county clothing champion twice and style revue champion 3 times. In her local 5-county fair and at the Kansas State Fair she has won blue ribbons. At the Graham county fair this year she carried away 16 blue ribbons. A whole story could be written about Norma's hobby of making cloth dolls. Several of them have earned blue ribbons, too.

But Kansas 4-H girls do not confine their activities to the house. Barbara M. Frazey, 16, of Hutchinson, was chosen as one of 10 national poultry winners. For 5 years Barbara has been county poultry champion, and this year she came off with top national honors. During her 6 years in 4-H Club work, she has raised 2,847 chickens. Her poultry project is valued at \$4,938, including \$112 in prize money.

As usual Geary county came off with honors in 4-H Club work. Paul Gwin, county agent, has developed many fine 4-H Club members, some of them outstanding. This year, Norman Manz, 19, of Junction City, was one of 12 young people who won a \$200 scholarship and a trip to the Congress, presented by General Motors. They were presented at a luncheon given by the company, sponsor of the contest.

For the past year, Norman's club has stressed fire prevention. As a part of the club program, each family was provided with a fire extinguisher. Norman has co-operated by planning club programs, writing radio scripts, inspecting his own as well as neighbors farms for fire hazards.

Out of 8 young people in the country 2 Kansans won top honors by being named 4-H health winners. Carol Sprinkel, of Wichita, and John Wingert, of Dunlap, were chosen from state

champions after county elimination contests. The awards this year were slightly different as far as selection was concerned. They were made on a basis of 50 per cent for personal health improvement and 50 per cent for the contestant's community health improvement efforts.

Carol Sprinkel belongs to the Hilary Club and this year she is president. All 36 members have had dental examinations and corrected all the defects. Then health examinations followed. The club raised \$22 and gave it to the "Mile of Dimes" campaign. The club each month sets its goals on a health problem in the club or community. So far they participated in a rat-killing campaign in April, control of flies in May, tested drinking water in June, worked on prevention of tuberculosis in July.

John Wingert, the other health winner, says, "The most precious thing in the world to me is my health." He has carried many 4-H activities, has been chosen the best-groomed boy in his county for 3 consecutive years and won a blue ribbon at the State Fair in 1946. As president of his club and of the county club council, he has promoted health examinations for all members including chest X-rays. Health in some aspect is discussed at every meeting. They adopted a vigorous program including testing each family's water supply, and T.b. and Bang's tests for cows.

As a member of the county health demonstration team, he gave demonstrations at the P.T.A., and other community gatherings. On the family farm, he has used DDT to control flies. At 10, John says he was a skinny, long-legged, cranky, rundown boy. After a medical examination he had his tonsils removed, then followed immunization for typhoid, diphtheria and smallpox. He has learned to eat a well-balanced diet and believes participation in baseball, basketball and track has helped make him strong.

Donna Stalcup was chosen as one of 8 young people in the country as a home beautification national winner. She is enthusiastic about making the grounds around her home more beautiful and has inspired others with local exhibits and demonstrations. Her booth placed first at the Stafford county fair and she was named county champion. Then, too, she goes in for flower arrangement and at 2 fairs won 7 blue ribbons. She made an outdoor fireplace with cement blocks from an old well. She painted yard buildings and a fence, made innumerable plantings of flowers and shrubs. She helped clear the woodlot of dead trees.



Beaming Norma Ruth White, of Hill City, won a \$200 scholarship and free trip to Chicago for outstanding work in clothing. The sunflower is pinned to a suit she made herself. The toys represent Norma's favorite hobby, making toys.



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## Flying Farmers

THE FLYING Farmers are here to stay and the club is going to grow into a very strong organization. That comment was made by John Shore, Johnson, after the first Flying Farmer Air Parade over Kansas in October.

That statement, adequately sums up the opinions of the Flying Farmers as the club's first year in Kansas comes to a close. It has been a short year. The club was organized May 24, 1946, during the first meeting of the group at the Hutchinson Municipal Airport. But the Kansas club found its wings in infancy.

The first annual meeting provided an opportunity for farmer-aviators from each corner of the state to meet fellow flyers. It seemed like that event touched off a whole series of breakfasts for flyers, airport dedications and air shows. The Flying Farmers club did much to concentrate interest in personal aviation. And the airplane is becoming a necessary tool on more farms each month.

Then there is the matter of safety. Not even a wing tip was scratched during the mass flight in October. And that flight was made mostly by pilots not accustomed to flying in large groups. It makes a difference. Thru the year, the Kansas Flying Farmers demonstrated that safety in aviation depends largely on the pilot. To many in this group, flying is a business first, recreation second. So, they make it a safe business.

Speaking of air capitals, Johnson claims it for Kansas. Take a look at some of their records during the year. They have their points. In the first place, the largest single community membership in the club is centered there. Twenty-two out of 168 members in the Kansas Flying Farmers club live in Stanton county. President of the club, Alfred Ward, is a farmer near Johnson.

Then, here is a clipping from the Johnson Pioneer about the air show held there October 19: "A crowd of from 3,500 to 4,000 persons gathered to watch the all-day show. That was the setting Saturday as the first annual Johnson Air Show easily lived up to its promotion as Kansas' Biggest Air Show."

It is a fact that the boys from Stanton county have set some marks for others to shoot at.

The airplane assumes a more important role each year when the many fleets of combines roll across the harvest fields. Many operators depend on the airplane to shorten repair trips. It also is used to spot new locations for the crews.

When a heavy snow hit Western Kansas last fall, it spelled doom for thousands of head of livestock grazing on wheat pastures. But the losses could have been greater without the airplane. Feed was flown in where roads were impassable. Untold numbers of livestock were saved in this manner.

When a horse wandered away from a Dimmitt and Carter sheep camp in Southwest Kansas, the animal was seen from the air in snow too deep to reach by truck. George Carter was flown in by ski-plane to ride the horse out.

That is a bird's-eye view of 1946. But what about 1947?

Flyers again can look forward to more air shows, breakfasts and additional airport dedications. The annual meeting of the Flying Farmers club again will be held at Hutchinson. And this show will be bigger and better than the first meeting, with both Kansas Farmer and Hutchinson Chamber of Commerce again co-operating in the event.

But this group has other interests, too. These men want to see more adequate markings of cities over the state. Their activities help emphasize the importance of air markings. More than that, Flying Farmers have aided in air markings in a number of instances, and they intend to do more in 1947.

At the same time they will continue to promote additional landing strips over the state.

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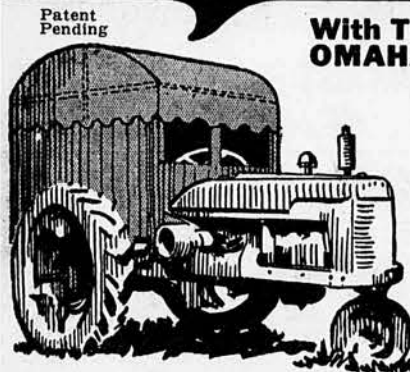
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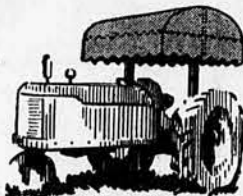
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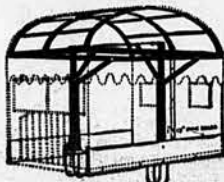
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## Can't Fence Off Agriculture

Folks Attending Farm Conference Are Told

YOU can't consider agriculture by itself, the way you fence off and cultivate an 80-acre field." That was the keynote of a talk given before the Annual Midwest Farm, Home and Industrial Conference at Topeka, December 5 and 6, by Chester C. Davis, president of the Federal Reserve Bank of St. Louis and former AAA and WFA chief.

Farmers have the stamina and resources to come thru the tough adjustment period ahead only if the rest of the economy behaves itself, Mr. Davis said. He stressed full production and distribution of all products, farm and factory, as the keynote of future prosperity, rather than prices received by farmers or laborers. "It isn't how many dollars you get but what you can buy with them that sets the standard of living," he pointed out.

Earlier on the program Governor-elect Frank Carlson told farmers that the nation needs a "balanced industry" as well as "balanced farming" if everyone is to prosper. Mr. Carlson pointed with pride to the fact that 2 Kansans, Senator Arthur Capper and Representative Clifford Hope, will head the 2 agricultural committees of Congress. This means the eyes of the nation will be on Kansas from an agricultural standpoint, as Kansans will lead the thinking and help form the programs on farm matters. The governor-elect expressed concern over the state's continuing loss in population, and pledged to work with and for farmers to make a place in Kansas economy for farm youth.

### "Balanced Farming" Was Theme

Two thousand farm men, women and young people attended the 2-day conference, which was built around a "balanced farming" educational program. Some sessions were designed to interest all members of the family.

Following are brief excerpts from some of the talks given at the conference:

"Agriculture is in the best position of any economic group in America to withstand any economic shock ahead," stated Dr. W. E. Grimes, head of the department of economics and sociology, Kansas State College. He pointed out that farmers had enjoyed high production and high prices for several years; mortgage debts are down; livestock numbers and feed supplies are coming into better balance; and satisfactory prices probably will prevail. He pointed out, however, that high land prices indicated danger, and that if a depression comes farm prices will go lower than prices of things farmers buy. Efficient and well-balanced farming will be increasingly profitable from now on, he stated.

Speaking on specific farm products, George Montgomery, professor of sociology and economics at Kansas State College, pointed out that the period is

over when farmers will have a ready market for everything they can raise. He predicted more price fluctuations and sudden drops in farm prices are ahead, but not such low prices as existed in the 1930's or such excessive drops as in 1920. Farm prices could decline 18 to 22 per cent and still be close to parity.

Cash price for wheat will remain firm the next few months, Montgomery said, but continued high production will bring a surplus in 1948 or 1949. Prices will remain favorable for feed grains, including corn. Beef prices, especially highly finished beef, will decline by late spring or summer but will still return a profit. Stockers and feeders will remain steady. Hog prices will continue at a high level, at least until the fall of 1947 and the corn-hog ratio will be favorable.

### Strong Demand Seen

Good prices for quality lambs marketed early, and for wool, are certain for some time to come. Continued strong demand and sustained level of prices for dairy products, with possible exception of butter, are predicted. Demand for poultry meat will decline and egg prices may go down to support level by spring, Montgomery believes.

"Prosperity of the farmer depends on making soils produce abundantly and economically," said Dr. H. E. Myers, head of the department of agronomy. He reviewed the processes by which various Kansas soils were developed and what factors most affect the soil. Kansas is fortunate, he said, in that the state's soils are high in nutrients that mean more nutritious products.

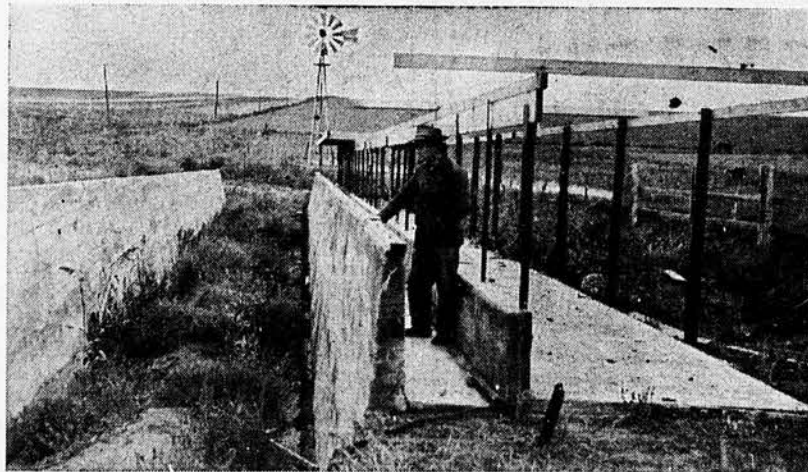
"Despite an abundance of nutritious food produced in Kansas, many Kansas children are undernourished," said Georgiana Smurthwaite, state home demonstration leader. She also pointed to the poor sanitation prevalent in rural areas as a major problem to be solved.

Ninety-six per cent of older houses in Kansas are included in 8 basic types, said H. E. Wichers, Kansas State College professor of architecture, in discussing remodeling of farm homes. The first job in remodeling is to decide all the things you expect of a home, then see whether the old house can be remodeled to include them. He advised planning both a new home and for remodeling the old one, then having a contractor figure which would be cheaper. Often the old house is not structurally sound or would cost more to remodel than to rebuild, he stated.

Contour planting, avoidance of hill-sides, and use of row crops in rotation with strong legumes were urged by L. P. Reitz, Kansas State College agronomist, as sound practices in a balanced-farming program. He also stressed buying good seed of adapted

(Continued on Page 17)

## A Steer Fattening Factory



This combination trench silo and feeding platform near Burdett, in Pawnee county, was snapped as it was being built by Glen Warner. The structure is 115 feet long. The trench is 11 feet, 4 inches wide at the top and slopes down to 10 feet at the bottom. County Agent Paul Hines is standing in the feeding trough which is 2 feet wide. The slope is to the east, away from the camera. A corrugated metal roof will drain water across the roof the long way. This will tend to keep the area dry behind the feeding apron. A cart on a rail will be used to carry ensilage from the trench to the trough. It will be pulled up the incline with a winch. When completed the trough and feeding area will be enclosed against north winter winds.




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# Easthills Farm REMEDIES

FOR LIVESTOCK AND POULTRY

variety and seed treatment before planting; weed control, and water management.

Considering forage crops as nutritious feed rather than just bulk was advised by H. H. Laude, college agronomist. He pointed out that when harvested as pasture, forage is subject to little or no loss in nutritive value; crop failures of forage are less frequent than of grain; meadows and pastures are efficient in controlling soil erosion; biennial and perennial hay and pasture crops aid in maintaining soil fertility; by use of native pastures, cool season grasses, sweet clover, fall-sown cereals, Sudan grass and lespedeza, farmers in Eastern Kansas can provide almost a year-around grazing program.

### Need Room to Turn

Desire to improve, rather than expenditure of money, is most important in making a farmstead attractive, stated William F. Pickett, head of the department of horticulture at the college. Good farmsteads, he said, should have a drive provided with an adequate turn-around and give access to both front and back doors; a well-kept lawn; shade trees; a satisfactory windbreak, and a farm garden.

The charm or appeal in farmsteads depend on their simplicity, stated L. R. Quinlan, college horticulturist. He warned against building expensive rock gardens and pools or planting gaudy, high-priced plants instead of making simple, effective plantings of windbreaks, shade trees and lawns. A small, well-kept yard properly fenced, is better than a large, partly neglected one, he pointed out.

It is imperative that attention be given to improving the producing capacity of the soil and of preventing further depletion, warned R. I. Throckmorton, dean of the school of agriculture, Kansas State College. Continuous cropping and weather conditions have taken their toll of Kansas soil, said Dean Throckmorton.

He urged farmers not to consider use of fertilizers, terracing, contour farming, or other single steps in conservation as the answer to their problems. The use of a good crop rotation, plus any of the others needed, will be required to do the job. Meeting the soil's need for organic matter is the first step in a good soil-management program, with special emphasis on nitrogenous organic matter. Also important is land use—growing the proper crops in the proper place.

### Need Higher Quality

Poultry producers should not expect a repetition in prices and profits prevailing the last 5 years, warned L. F. Payne, head of the department of poultry husbandry at the college. This warning is not to discourage producers but to point to a need for more resourcefulness. If Kansans are to maintain their present position among poultry-producing states they must produce higher quality poultry products, adopt a standard for classes and grades of poultry, and buying of poultry products must be on a grade basis and according to the true value of the products.

Merely balancing livestock numbers to available feed supplies is not enough to achieve a balanced farm program, said A. D. Weber, head of the department of animal husbandry at the college. Livestock operations must represent a systematic program adapted to the needs of the farm and its owner if they are to function effectively. Any system of livestock production selected for an individual farm should be large enough to challenge the interest of the operator and offer possibility of substantial returns. Success should depend more upon good management than upon trading ability, altho buying and selling wisely are important.

Other speakers on the program, and their topics, were: Mrs. David Simms, Hastings, Nebr., "At the Top of the Andes;" Mrs. Verne Alden, Wellsville, "An Attractive Home in Balanced Farming;" B. G. Perkins, St. Louis, "Future Agriculture in the Midwest;" Velma McGaugh, Kansas State College, "Youth Works in the Community;" Prof. F. W. Atkeson, Kansas State College, "Future Dairying in Future Kansas;" Prof. A. G. Pickett, Kansas State College, "Essentials for a Profitable Utilization of Pasture and Roughage;" Mrs. Garnette Tyler, Kansas Power & Light Company, "Electricity in the Home;" R. A. Walker, Kansas State College, "Youth's Place in the Modern World."



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## Agriculture Does Have a Margin

(Continued from Page 6)

tricts against only 76 from industrial districts, in the new Congress, the Republican majority consists of 126 members from agricultural districts to 120 from industrial districts.

In other words, the "farm margin" in the Republican party has been cut down from 40 (116 agricultural and 76 industrial) to six (126 agricultural and 120 industrial). The "industrial margin" in the present (old) Congress, in the majority party is seven (124 industrial and 117 agricultural).

From all these figures the United States News concludes that the farmer is sitting "prettier" in the new Congress than in the present (old) Congress.

And that is true if the margin of six the agricultural districts hold in the Republican majority can hold the Republican party line as well for agriculture as the margin of seven industrial districts (backed by F. D. R.) held the Democrat party line for labor in the past Congresses.

### Based on Population

In the foregoing, the classification "agricultural" and "industrial" is made on the basis that a representative district with a city or cities of 100,000 or more is an "industrial" district; other districts are "agricultural."

However, it is about an even bet that when a division comes between agriculture and labor (on farm prices, for example, where the interest of the consumer and the producer may clash) the division in the House is more likely to be drawn between industrial and agricultural representatives, than along strictly party lines.

In other words, the agricultural South and the Agricultural Mid-Continent (cotton, wheat, corn, livestock, tobacco) will continue to get together—"gang up" from the big city viewpoint—to decide what farm legislation will be written. However, as the chairman of agriculture committees in the new Congress (Senator Capper and Representative Hope, both of Kansas) will be from the section more interested in wheat, corn, livestock than in cotton (present chairmen are Senator Thomas, of Oklahoma, and Representative Flannagan, of Virginia, with the late Senator Bankhead, of Alabama, the dominant figure in conferences), the livestock and grain interests will be relatively stronger than cotton in formulating the details of legislation. Cotton will have to make terms with grains and livestock, where for the last 14 years grains and livestock have had to make terms with cotton. But the results may not be so much different, after all.

### Will Tackle Price Support

First problem that the agriculture committees of Senate and House will face is how the postwar farm price support program will be carried out. By act of Congress, practically all farm commodities produced in volume are to be supported at 90 per cent of parity for 2 calendar years after the war is declared ended, either by Presidential proclamation or by Congressional resolution. This is expected sometime during 1947, so the support prices are in the cards for all of 1948 and 1949.

Incidentally, proclaiming (or resolving) the official end of the war is not going to be as simple as it sounds. There are several hundred statutes involved; the War, Navy, State Departments (and the White House) want to hold onto their war powers (which are large, high and handsome) without interference from Congress, just as long as possible. And they intend to do so. The campaign is on, already, and Republican leadership is being deluged with pleas, arguments, even threats, to "go slow" about returning Government to a peacetime basis, with executive and administrative powers limited by Congressional acts and actions.

The Department of Agriculture is in a sweat about the 90 per cent support price Congressional promise. The Department is fearful that there will be a tremendous overproduction of some crops if the 90 per cent parity price support is attempted with unlimited production. So the Department experts are working (inside the Department for "discussion only") on a proposal to give the Secretary authority to proclaim production controls on any—that means every—farm commodity.

The proposed AAA (Act of 1938) amendment would make all farm commodities eligible for production controls thru marketing quotas that could be imposed by vote of two thirds of producers taking part in referendum, or by two thirds of the production represented by those voting. These marketing quotas now can be had by the Secretary on the basic commodities—wheat, corn, cotton, rice, tobacco, and peanuts.

Once marketing quotas were voted on any commodity, allotments would be set by local committees (following allocation of state quotas by the Department). The farm marketing quota would be the actual production of the allotment, or of the acreage planted, whichever was the smaller. Sales of amounts in excess of the quota would be subject to a penalty of 50 per cent of the parity price.

One other plan proposed is that tried out on potatoes this year thru a directive by Secretary of Agriculture Anderson. Under this each farm is assigned an acreage allotment (could be a volume allotment if desired). Farmers who exceed their allotment will not get the benefit of the support price. A variation of this is a proposal that Government support a price in the market of, say, 60 per cent of parity. Then at the close of the marketing season, those producers who had stayed within their allotment would get the difference between the market price (in their area) and 90 per cent of parity, in the form of a government check.

### May Change Parity Formula

Congress also faces the problem of changing the parity formula—modernizing it is the term used. It generally is agreed that the parity formula now in use discriminates unduly—sometimes severely—against livestock, particularly cattle, dairying, and many other farm commodities.

One proposal, said to be viewed favorably in the Department, would retain the 1909-14 base period for wheat, corn, cotton and rice, but allow the Secretary to proclaim any number on consecutive years as the base period for all other commodities that he figures would give these the same relative purchasing power that wheat, cotton, corn and rice had in 1909-14.

The Grange proposes that the immediate preceding 10 years (or somewhere between 5 and 10 years) be designated as the base period on all commodities, with parity kept up-to-date by computing the new parity monthly, or perhaps quarterly.

Once the problems of support prices for the first 2 postwar (calendar) years is determined (based on easing the shock of transition to peacetime over the 2 years instead of trying to hold war prices for wartime production levels), the long-range problems will be taken up by the Congressional committees. Congress and farmers will fight against it, but the extent of production controls to be kept probably will be determined by the market demand for farm commodities. And the condition of the world market will be a big factor in any attempted solution.

### Name Officers

Emmett Blood, of Wichita, is the new president of the Kansas State Horticultural Society, which held its annual meeting at Wichita in December. Mr. Blood succeeds H. L. Drake, of Bethel.

Judge C. W. Ryan, of Wathena, was elected vice-president; Henry Neufeld, of Burrton, treasurer; and George W. Kinkead, of Topeka, secretary.

### Buy a Hatchery

Mr. and Mrs. John DeForest, of Peabody, have purchased the Ross hatchery at Junction City, one of the oldest and largest hatcheries in the state. The DeForests also operate hatcheries at Peabody, Marion and Cottonwood Falls and have a chick store at Hutchinson.

### Good Shoe Rack

A metal curtain rod with curved ends makes an excellent shoe rack when screwed to the baseboard of your clothes closet.—Mrs. L. W. Todd.



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## Swedish Christmas

(Continued from Page 5)

who dwells underground beneath your house, comes in with a heavy load of gifts. He looks very much like our Santa Claus. Quickly he leaves the gifts on the floor and retreats lest the little tots discover his identity. Gifts are sorted and added to each person's Christmas pile.

Christmas verses on the packages are read aloud. Then comes the traditional chain dance. Young and old join hands and circle the tree as they sing, "Now it is Christmas again! Now it is Christmas again, and Christmas lasts until Easter!" The dance weaves into and out of every room in the house, then back to the Christmas tree. Gifts are distributed and opened. Festivities end with singing of carols in the music room.

"Hardly have you fallen asleep," states Mrs. Carlson, "when it is time to arise for 'julottan,' the Swedish Christmas church service, that starts at 5 o'clock a. m. This service is in 2 parts—first the Christmas service, followed by an intermission, then the regular church service. Before leaving home, however, 2 lighted candles must be put in each window.

### It's a "Family" Day

After church each family goes home for the rest of the day. "It is almost a crime in Sweden to go visiting on Christmas Day," Mrs. Carlson recalls. It is a day of family enjoyment and religious observance.

A season of festivities follows Christmas Day as families go from relative to relative for a continuous round of balls, suppers, sleighing parties, and skating parties. Finally, the season ends with a big dance the night of St. Knute's Day.

Mrs. Otto Carlson and Mrs. Harry Carlson, both born in Sweden, recall that the Swedish climate makes such a Christmas season possible. St. Lucia's Day is supposed to be the darkest day of the year. Days are short for several months, with the sun shining only a few hours each day. Little farm work can be done because of the snow. About all the men have to do is feed and water the livestock, which is housed during cold weather.

Children are home from school and much of the holiday program probably is designed to keep little minds and hands busy.

Not all the old country customs are followed by the Swedish Americans in McPherson county. But many are taking a renewed interest in these customs and are adding some of them to their Christmas plans.

In addition to regular Christmas trees of their American type, they have 2 types of homemade trees used as floor or table decorations. One is the Jul Krona. Made of wood, it has a base depicting 4 horses. The main trunk is painted blue, yellow and red, and always is topped by a bluebird. Spikes from the main trunk are decorated by impaling apples and gumdrops on the points. The other tree is the Ljus Krona, made of wood and wire and wrapped with crinkly white paper. It is symbolic of the family and has a branch for each member. Each branch is tipped with a candle. Some have just a single trunk but with a candle for each member.

The Misses Tillie and Ellen Strom, of Lindsborg, have a very famous Ljus Krona. It was made by their father in the early 1870's and has been used

by the family every Christmas since. Originally it was 6 feet tall and designed as a floor piece. Traditionally, a branch is removed at the death of each member of the family.

This tradition has been only partially carried out by the Strom sisters. The original tree had 10 branches. These have been reduced to 7 and the tree now is a table piece. Since only 3 members of the family are living, the family circle is completed on Christmas by inviting in enough guests to make a party of 7.

Shortages of sugar and shortening have made it difficult for Swedish Americans to indulge lately in many of their favorite foods. Eloy Heroldson, Lindsborg baker for 24 years, says only a few of the favorite sweet pastries now are attempted. These include Smorbakelser, Swedish Kringlor, and "S" cookies. Kringlor is a coffee cake flavored with cardamom seeds.

At the Swanson grocery, in McPherson, we found a barrel of "lutfsk." This fish, a member of the Cod family, is a Swedish Christmas delicacy. J. E. Swanson, proprietor, explained that in the old country the fish were cleaned and split, then hung over a fence to dry-cure. Now they are process dried. Before being prepared as food, they must be soaked in lye water for about 10 days. This is done by Mr. Swanson personally so the fish will be just right.

Lingonberries, somewhat smaller and sweeter than cranberries, are another delicacy. They are used as a garnish. Originally imported from Sweden, they have come in late years from Norway and Iceland. Only one barrel was received by Mr. Swanson this year.

### We Met an Artist

An interesting spot in Lindsborg is the shop of Oscar Gunnerson, an artist of national reputation. There, as a side line, he makes Swedish figurines in native costumes, including the Jul Tomten, the little Swedish gnome that looks very much like our Santa Claus. These are prized purchases in the community.

Over at Bethany College we visited an authentic Swedish dining room, equipped and decorated under supervision of Lester Raymer, a college art instructor. Chairs in the dining room are painted green and trimmed in grayed rose with a tinge of yellow. The table is grayed rose. Designs on the wall are blue and yellow and grayed rose.

No story about Swedish Christmas would be complete without a word about coffee. To the Swede, coffee is not just a beverage. It is the cornerstone on which is built the famous Swedish hospitality, and this hospitality reaches its peak during the Christmas season.

Swedish Americans in McPherson county have their own special brands of coffee sold locally. The only one of these brands available now is King Oscar. Swedes usually buy the whole berry and grind it at home. They like a coarser grind than commonly used.

Real Swedish coffee is not just made—it is cooked. Coffee cooking and drinking is a ceremony to be approached with reverence. We watched while Curtis Houghton, proprietor of the City Bakery, at Lindsborg, demonstrated.

First a pot of water is boiled. While the water boils eggs are stirred into the grounds to coagulate the smaller particles and insure a clear brew. This mixture then is stirred into the boiling water and the fire turned down until the coffee is simmering. It is allowed to cook for 20 minutes, then is dipped out and served. You just haven't had coffee until you try it.

Later we were served coffee at the R. W. Peterson home, out in the country. Mrs. Peterson was assisted by Mrs. Gust Ternstrom and her daughter, Kathrin Ann. With the coffee they served Swedish Peppar Kakor and Spritz-bakelser (one a butter cookie and the other a molasses cookie, oat (cheese), and smorgas (an open-faced sandwich)).

And so we left McPherson county with a feeling that most of us are too busy to really live. In our rush to invent and manufacture hundreds of gadgets to give us more leisure time we end up with no leisure time. We have forgotten how to stop occasionally for relaxation and the mere enjoyment of friends.

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### Recipe for Svenska Peppar Kakor

- 1 cup sugar
- 1 cup sirup or molasses
- 1 cup lard
- 1/2 tsp. cinnamon
- 1/2 tsp. cloves
- 1/2 tsp. allspice
- 2 tbsp. grated orange peel
- 2 tbsp. ginger

Place on stove, let come to a boil. Remove and add 2 teaspoons soda and cool. Then add 2 beaten eggs and enough flour to make a stiff dough, not too stiff. Wrap in wax paper, chill in refrigerator, roll out and cut as desired, and bake in a moderate oven. Recipe supplied by Mrs. R. W. Peterson, McPherson county.



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13.....	1.30	4.16	21.....	2.10	6.72
14.....	1.40	4.48	22.....	2.20	7.04
15.....	1.50	4.80	23.....	2.30	7.36
16.....	1.60	5.12	24.....	2.40	7.68
17.....	1.70	5.44	25.....	2.50	8.00

DISPLAY RATE					
Column	One	Four	Column	One	Four
Inches	Issue	Issues	Inches	Issue	Issues
1/4.....	\$4.90	\$16.80	2.....	\$19.60	\$ 67.20
1.....	9.80	33.60	3.....	29.40	100.80

Livestock Ads Not Sold on Word Basis. Write for special requirements on Display Classified Ads.

### BABY CHICKS



### Get Your 1947 Chicks From a Real Trapnest Strain

Kind you need to raise real layers. Coombs R. O. P. strain Leghorns bred for high livability, high egg production by progeny test. Every chick backed by 27 years of 250-322 egg sires. Chicks grow fast to 3-lb. broilers. Also AUSTRA-WHITE CHICKS, high egg breeding both sides of family. Discount on 1947 orders placed this month.

SIRE K-4162  
His 160 daughters averaged 194.6 eggs, hen-housed basis.

J. O. COOMBS & SON  
Box 6 Sedgwick, Kan.

FREE Catalog. Write Today.

### U. S. APPROVED CHICKS

Pullorum Controlled SEXED PULLETS \$10.95 COCKERELS \$3.95 As Low As . . . . .

Write for FREE CATALOG Listing All Breeds. The WHITE CHICKERY, SCHELL CITY, MISSOURI

Coombs Leghorn Chicks. Big-type Leghorns. This year get your chicks from real trapnest, pedigree strain, U. S. ROP. Every chick backed by 27 consecutive years of 250-322 egg sires. Bred for high livability, progeny test method. Also Austra-White Chicks with 203-324 egg breeding both sides of family. The kind you need for your early brood. U. S. Pullorum Controlled for extra chick health protection. Wonderful customer satisfaction. Reasonable farmer chick prices. Early order discount. Save money by placing order now. Delivery date you want guaranteed. Free catalog. J. O. Coombs & Son, Box 6, Sedgwick, Kansas.

Griffith's Gold Mating Chicks. Immediate—future delivery. Bred 25 years to make extra profitable layers. Quick maturing fryers. Postpaid with cash. \$1.00 per 100 deposit, balance COD plus postage. \$12.45 per 100. Barred, White Rocks, Reds, Wyandottes, Orpingtons, Austra-Whites, Leg-Rox. Free catalog. Griffith's Hatchery, Box 617, Fulton, Missouri.

Coombs Hy-Line Chicks. Bred like hybrid corn. Exceptional layers. You can reasonably expect 18,000 eggs yearly from every 100 Hy-Line pullets house in fall. Hy-Lines laid 30-54% more eggs than other breeds on 105 farms. Get complete facts. Free catalog. Write today. Coombs & Son, Box 6, Sedgwick, Kansas.

Baby Chicks—F. O. B., husky, vigorous from bloodtested layers: White, Buff, Brown Leghorns, \$8.95; pullets, \$15.95; Rocks, Reds, Orpingtons, Wyandottes, \$8.95; pullets, \$13.90; heavy assorted, \$8.95. Surplus cockerels, \$3.95. Free Catalog—Catalog. Terms, guarantees. Bush Hatchery, Clinton, Mo.

Baby Chicks—24 breeds, free catalog gives best matings, terms, prices. F. O. B. guarantees; bloodtested breeders. White, Buff, Brown Leghorns, \$7.95; pullets, \$15.45; Rocks, Reds, Orpingtons, Wyandottes, \$8.95; pullets, \$13.90; heavy assorted, \$8.95. Surplus cockerels, \$2.95. Thompson Hatchery, Springfield, Mo.

Windsor Saves 20% on Chicks. Large High-Production Lopped Combed White Leghorns. Mammoth-bred to lay White Rocks. Also 3-4-week-old best egg bred White Leghorn Pullets. Save up to 20% on high egg bred chicks. Broiler Cockerels \$2.40 per 100. Write for low prices. Windsor Hatchery, Windsor, Missouri.

Schlichtman's U. S. Approved, Pullorum Controlled chicks, per 100 prepaid. Leghorns, Rocks, Reds, Orpingtons, Wyandottes, Minorcas, \$9.90. Assorted \$7.45. Pedigree sired and sexed chicks. Free Catalog explaining 2-week replacement guarantee. Schlichtman Hatchery, Appleton City, Mo.

15,000 Chicks Daily! 50% profit producing broilers, eggs this year. Fastest growing, high livability, sexed, straight run New Hampshire, White Rocks, Leg-Hamps, Austra-Whites, Leghorns. Lowest prices, prompt shipment. Live arrival your town. Pioneer Hatchery, Boone, Ia.

### AUSTRA-WHITES

## WANTED

A chicken raiser in each community to Prove that Sunflower Strain Austra-Whites will make BIG PROFITS. More than 55,000 Leghorns crossed with Record Australorp males. Write for prices.

SUNFLOWER POULTRY FARM  
Box 155 Newton, Kansas

### BABY CHICKS

Husky Vigorous U. S. Approved chicks, from blood tested flocks. White Rocks, White Leghorns, Austra-Whites, and Reds. Write for catalog and price list. Sterling Heights Hatchery, Iola, Kansas.

### AUSTRA-WHITES

Four-Week-Old Austra-Whites. Save Feed. Time and Money! Practically Fed and Raised themselves! 96% per cent of all chicks brooded last year lived. Breeding Farm Headquarters. Pioneers of Austra-White Hybrids. 65,000 Super Deluxe Leghorn hens mated with Record Australorp Males. You get Rugged, Healthy Chicks that make quick plump broilers. Pullets lay in 4 months. Many average over 200 eggs yearly. Write for Illustrated Catalogue and Prices. Berry's Sunflower Hatchery, Box 613, Newton, Kansas.

Sensational Money-Making Austra-Whites. Many customers report 7 week broilers, layers 4 1/2 months. Extra healthy, disease resistant, fast feathering, maturing. Pedigreed 300 egg sired matings. 50,000 guaranteed chicks weekly. Pullets, cockerels, started pullets. Low farm prices. Raise chicks on Berry's profit sharing plan. Write for catalog and free information today to World's Largest Austra-White Breeders. Berry Brothers Farms, Box 331, Atchison, Kan.

Berry's Austra-Whites Proven. Extra Big Profit Producers. Berry's Breeding Farm Headquarters. Pioneers Austra-White Hybrids. 65,000 Super Deluxe Leghorn Hens mated with Record Australorp Males. Many Hens average 200 eggs yearly. Lay 4 1/2 months. Rugged Farm Chicks, develop faster, healthier, high livability. Cockerels weigh 2 1/4 pounds eight weeks. Hens 6 1/2 pounds. Write for Illustrated Catalogue. Low Chick Prices. Berry's Sunflower Hatchery, Box 61, Newton, Kansas.

Coombs Austra-White Chicks. Real egg breeding. Kind you need. Males heading our matings are 203-324 egg ROP sires, or from trapnested females. Mated to Coombs strain females, 250-355 egg sires for 27 consecutive years. Free circular. Early order discount. Write: Coombs & Son, Box 6, Sedgwick, Kansas.

### HATCHING EGGS

Wanted—Hatching Eggs from bloodtested flocks. Attractive premium. Bankson Hatchery 6060 South Western Ave., Los Angeles 44, Calif.

### TURKEYS

Broad Breasted Poults That Live. 95 per cent average hatch last season of fertile eggs prove. Berry's Poults are stronger. Bred for Type, Large, Stocky Build, Broad Breasted. Quick development. Get your order in early. Ask for Illustrated Circular and low prices. Berry's Sunflower Hatchery, Box 615, Newton, Kansas.

Griffith's Choice Broad Breasted quick maturing Bronze Poults 15,000 Weekly. Bred from carefully selected Pullorum Tested and mated breeders. Save 10% on our big discounts on Advance Orders for 1947. Write for Free Circular. Prices. Griffith Turkey Farm, Box 767, Fulton, Missouri.

U. S. Approved Pure Broad Breast Bronze Poults and Pure and Hybrid Baby Chicks. Circular Free Order early. Schlichtman Hatchery & Turkey Farms, Osage City, Kansas.

Broad Breasted Bronze turkey eggs. Write, Yotz Farm, Shawnee, Kansas.

### LIVESTOCK ITEMS

More 4% Milk and greatest salvage value in Milking Shorthorns. Indisputable records—on farms and in official contests—Prove that Milking Shorthorns are best all-around breed. Produce 4% milk, have greatest value of all milk breeds. This two-way bargaining power makes Milking Shorthorns universal favorite. Free facts. Or read Milking Shorthorn Journal. Trial subscription, six months 50c; one year, \$1.00. Milking Shorthorn Society, 809 W. Exchange Avenue, U. S. Yards, Dept. KF-52, Chicago 9, Illinois.

Abortion and Mastitis—Literature Free; Gov't. Licensed Vaccine Strain 19; Mam-O-Lac, effective for Mastitis. Penicillin and DDT Circulars. Complete line Farm and Products. Low Prices. Kansas City Vaccine Co., Dept. P, Stockyards, Kansas City, Mo.

### DOGS

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

Shepherds, Collies, Heelers, Watch Dogs. Zimmerman Kennels, Flanagan, Illinois.

Cocker Spaniel Puppies reasonable. Bill Ritter, 4211 W. Central, Wichita, Kansas.

### FARM EQUIPMENT

#### Milkers—Parts—Service

Large stock of replacement parts for all milking. Natural rubber inflations. Farm dairy room supplies.

GENERAL PRODUCTS—Surge Distributors 167-59 N. Emporia

Having Discontinued the Dairy Business we offer the following equipment: Electric six unit magnetic DeLaval Milker, piping and stall cocks for 44 cows. Ft. Wayne bottle, fills and caps four bottles each stroke. Milk cooler, twenty gallon covered tank, coils 48 inches long, completely enclosed; together with Fairbanks-Morse four cylinder compressor, one HP motor; also attachment for cooling storage room. Roy E. Dillard, R # 3, Salina, Kansas.

For Sale: One Rumely 36-60 Ideal Steel Separator. Reasonable. Emil Svoboda, Wilson, Kan.

22-36 Case Separator, new rubbers. Paul Fife, Hutchinson, Kansas.

### FERTILIZER

Schrock's Natural Phosphate finely ground 31% or high P(2) O(5). Immediate shipment in bulk. Order now for bagged material later. Dealers and distributors wanted. Schrock Fertilizer Service, Congerville, Illinois.

### MACHINERY AND PARTS

Steamer PT-17, NO 61066, licensed June 1946. Good condition with only 275 hours on engine since new. One of the sturdy planes ever built. A real bargain at \$1,400. Write J. B. Murphy, 6229 W. 67th St., Overland Park, Kansas, RR # 2. Will deliver for expenses.

Richman's Hammermill—Poorman's Price. \$44 to \$85 complete. 2-pow tractor ample. World's largest manufacturers Grain Blowers and Basin Tillers. Write today. Link Mfg. Co., Fargo, North Dakota.

New and Used Tractor Parts for 137 different models. Describe your needs for immediate price quotations. Order from Irving's Tractor Lug Company, 2835 N. Broadway, Wichita, Kan.

Wanted Caterpillar Tractors any type. We buy, sell or trade. For Sale—2 Caterpillar tractors D4. Machinery Sales Co., 335 Southwest Blvd., Victor 6312, Kansas City, Mo.

### ELECTRICAL EQUIPMENT

#### DELCO LIGHT

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

For Sale—Two brand new large size 32 volt Winchangers complete with towers less batteries. Have never been uncured. Will sell at cost FOB Atwood. Frye Auto Electric Co., Atwood, Kan.

Light Plant Parts. Electric pumps; farm batteries; parts for Delco and Westinghouse. Republic Electric Company, Davenport, Iowa.

### AUTOMOTIVE

Having Car Trouble? New, Used, Guaranteed auto, truck parts save money. Transmission specialists. Describe needs. Immediate reply. Victory, 2930AO North Western, Chicago 18.

### FILMS AND PRINTS

Now! Six-Hour Photo Service! Beautiful prints are on their way to you six hours after we receive film. This speedy service costs no more. Roll developed with 8 prints and 2 professional bromide enlargements—25c. Finerprints, Drawer U-898, Minneapolis, Minn.

Beautiful Summerlong Reprints only 2c each. Rolls developed two guaranteed prints made from each negative 25c. Your favorite Photo copied and 12 Billfold size prints made from it 50c. Enlargements—why pay more? Two 5x7 enlargements 25c. Five 5x10 enlargements only \$1.00. Send negatives. Summers Studio, Unionville, Mo.

8 Exposure Rolls Developed. 1 print each and one enlargement coupon 25c. Two each and coupon 35c. 3 each and coupon 40c. Reprints 3c. Fred V. Eastman, Bode, Iowa.

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

Century Delivers Work and service that can't be beat. Sixteen Famous Century-Tone prints each 5c. exp. roll 30c. Free Mailers. Century Photo Service, LaCrosse, Wis.

Personalize Letters, greeting cards, gifts with Beautiful Glossy Miniature Photos made from any photo. 100, \$1.00. Order now. Foto, 227 East 10 St., Kansas City, Mo.

### EDUCATIONAL

Learn Auctioneering at the World's Premier Auction school. Next Term, January 1, 1947. Actual selling. Complete course. For catalog and complete information write Jim Hoover Auctioneering and Radioacting School, Sterling, Colo.

Make Up to \$30-\$40 Week as a Trained Practical Nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-12, Chicago.

Penmanship! If poor, I've good news for you. Send name in own handwriting—no obligations. Inventor Ozmont 3, St. Louis, Mo.

Write for free details of railway mail clerk, inspector, park and forestry exams. Delmar Institute, M-18, Denver, Colo.

Resident correspondence courses—Accounting, Typing, Shorthand, English. Accounting Academy, St. Louis, Mo.

Be An Auctioneer. Students given actual experience. Free catalog. Lane Auction School, Mason City, Iowa.

Learn Auctioneering. Free catalog. Write Reisch Auction School, Mason City, Iowa.

### FEATHERS WANTED

Prompt Remittance for your shipments. Top market prices for new goose and duck body feathers. Highest prices for goose and duck quills (wing and tail). Send samples of used feathers for quotation. Ship today—Cash Tomorrow. Midwest Feather Co., 2917 S. LaSalle St., Chicago 16.

Prompt Payment for your new and used goose—duck feathers. We are direct pillow manufacturers paying top prices. Inland Feather Co., 1007 E. 55th St., Chicago 15.

### FARMS—KANSAS

Modern Stock Farm For Sale—2 1/2 miles from Smith Center. Good road, modern buildings, 100-A. creek bottom farm ground; 100-A. terraced upland; 120-A. pasture. Live water, alfalfa, hog wire, hedge posts, 1/2 down. Additional 160 adjoining. Must sell soon. Mack Werts, Smith Center, Kansas.

Jefferson County Quarter—Near Meriden. 55 acres meadow, 50 pasture, balance plow land. Some improvements. \$37.50 acre. Terms. Ida Atwood, 1718 Lane, Topeka, Kansas.

Nice 80, smooth land, near town, and high school, 5 rooms, bath, electricity, good barn, silo, \$7,000. T. B. Godsey, Emporia, Kan.

Section Excellent Grazing Land, sufficient water, southwest Osborne. Easy, long time terms. Box 24 Kansas Farmer, Topeka, Kansas.

### FARMS—MISCELLANEOUS

Take a Memo. Mr. & Mrs. Farm Buyers: Plan now to inspect this spring and creek-watered 320-acre eastern Kansas farm with nice orchard—can be bought, for estate settlement reasons, at only \$6,500! Has dandy little fish stream flowing through place, on RFD road, 10 minutes depot, easy 1/4 hour college city 13,000; 50 cultivated, 10 bottom, some prairie hay meadow, blue stem pasture watered by creek, ponds, and springs, good 107-free bearing orchard; fair 5-room white frame house, basement, well, shade, 30-ft. barn, poultry buildings, 30-ft. cattle barn; you'll enjoy a heap o' prosperous living here at only \$6,500, terms, immediate possession. Details big free Winter catalog, 16 states. United Farm Agency, 428 BMA Bldg., Kansas City 8, Mo.

Investigate the Opportunities of Crowley County, Colorado! Choice farm lands available in this rich irrigated section. Pre-war prices and attractive terms. Nice homes, electricity, good roads, good schools, A-1 transportation facilities, ideal climate. Write for illustrated folder. Van Schaack Land Company, 724 17th Street, Denver, Colorado.

Strout's Blue Farm Catalog. Missouri and Arkansas and 28 other states. Coast-to-Coast. 1300 bargains! Mailed Free. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

### HELP WANTED

## Help Wanted

● Splendid opportunity for stenographer. Age twenty to thirty-five, experience helpful. The hours are short (40 hours per week). Pleasant working conditions with ample room for steady advancement.

● Paid vacations, hospital and insurance benefits. Write today to

G. L. Metsker, Personnel Mgr.  
121 West 8th St.,  
Topeka, Kansas.

Wanted—Maid in fully modern home in suburban Topeka. Light housework and cook for small family. No laundry or heavy cleaning. Ideal working conditions. Private bedroom, bath and private sitting room of your own. Congenial family. Good neighborhood. Highly desirable position for competent person. Write for interview. Give age, general description, experience and references in first letter. Address Kansas Farmer, Box 1006, Topeka, Kansas.

### SEED

## Kansas Star Farm Seeds

ALFALFA SEED, Kansas Grown, Per Bushel \$25.20  
SWEET CLOVER, Kansas Grown, Per Bushel, Lot Choice 9.00  
LESPEDEZA, Per Bushel, 30 lbs. 4.50  
SUDAN GRASS SEED, Per 100 lbs. 10.00  
We Handle a Full Line of Farm Seeds. Write for Samples.

THE KANSAS SEED CO.

Box 877, Salina, Kan.

Certified Oase Oats \$2.50 per bushel sacked. Germination 96%, purity 99.50. C. J. Fear, Bala, Kansas.

### MISCELLANEOUS

## Hot Water Heaters

Electric, Butane, Oil and Gas for immediate delivery.

MIDWEST APPLIANCE STORE  
608 Kansas Ave., Topeka, Kansas

ARMY SADDLES \$19.95 These are brand new—not shop worn, full refund if dissatisfied. Free circular. Texas saddles with bit and reins \$4.95. Both for \$23.95. Nat Schaffer, West Copake, New York.

Fresh Tree Ripened Grapefruit and oranges \$4.90 bushel, express prepaid. N. W. Birch, Mission, Texas.

### BUSINESS OPPORTUNITIES

For Sale—28,000 capacity Hatchery located at Yates Center, Kansas. Write F. D. Tolle.

### PRODUCE WANTED

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

### OF INTEREST TO WOMEN

Quilt-Pieces—Cotton Prints, Stripes, Etc. 2 pounds, Pattern Book, pack English needles 98c. Sent COD plus postage. Wayne Fox, Pleasanton, New Jersey.

Famous Nylon Stockings. Three Pairs \$2.82. Postpaid. Imperfects. Moneyback guarantee. Dworkin Sales Company, 2423 Mermaid Avenue, Brooklyn, New York.

Soap—We haven't raised our Soap Prices. We still sell 12 hard Bars Laundry Soap Postpaid to you \$1.25. McCormick, 1313 East 6th St., Hutchinson, Kansas.

Eastside Maternity—Seclusion Hospital for unmarried girls. State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, 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.....	\$31.25	\$32.00	\$17.65
Hogs.....	23.75	25.25	14.55
Lambs.....	22.75	24.75	14.25
Hens, 4 to 5 Lbs.....	.20 1/2	.20	.19
Eggs, Standards.....	.40 1/2	.44 1/2	.43
Butterfat, No. 1.....	.85	.80	.46
Wheat, No. 2, Hard.....	2.21	2.16	1.71 1/2
Corn, No. 2, Yellow.....	1.35	1.48	1.13 1/2
Oats, No. 2, White.....	.89	.88	.80
Barley, No. 2.....	1.35	1.33	1.26 1/2
Alfalfa, No. 1.....	35.00	34.00	27.50
Prairie, No. 1.....	25.00	24.00	16.00

## Livestock Advertising Rates Effective February 1

1/2 Column Inch.....\$4.20 per issue  
1 Column Inch.....8.40 per issue  
The ad costing \$4.20 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.

JESSE R. JOHNSON, Livestock Editor  
MIKE WILSON, Fieldman.  
Kansas Farmer - - Topeka, Kansas



**HOGS****Registered DUROC  
Dispersal Sale  
(Private Treaty)**

**20 Sows bred for spring  
farrow  
35 Fall Gilts**

Of the best feeder type and from leading sires. Duroc type and bloodlines. The easy feeding and shorter legged kind, suited for replacement or for starting new herds. See these if interested. They are being priced right for quick sale.

Also some good feeder pigs.

**A. L. BRODRICK  
Fall River, Kansas**

**SHEPHERD'S SUPERIOR DUROCS**

For Sale. A great lot of thick, deep, heavy hammed quality gilts. Well grown, sired by **Uneda Broadway, Builder's Victory Ace, Proud Cherry Orion**. Bred to Super Spot Light, one of best selling in Maah's recent record sale and to **Lo-Thickmaster**, the \$192.50 top selling boar in Colo. Breeders sale, we believe the thickest type dark red boar sold in 1946. New blood of the breed's best for old customers.

Still have limited number high class spring boars and fall pigs for sale.

G. M. SHEPHERD, LYONS, KANSAS.

**Outstanding Duroc Boars**

We still have outstanding spring boars of the best bloodlines and top boars of several June litters. Priced reasonable, shipped on approval. Reg. and vaccinated. Bred gilt sale Feb. 6, 1947.

WILLIS HUSTON, AMERICUS, KANSAS.

**Taliaferro's Quality Durocs**

We offer spring and summer boars and gilts and sows with litters. Best of breeding, with quality.

HOWARD C. TALIAFERRO  
LEON, (Butler Co.) KANSAS

**QUALITY DUROC BOARS**

Duroc Spring Boars sired by Red Master, The Kansan, and Prince's Designer. New bloodlines for old customers. Easy feeding type. Cholera immuned.

ARTHUR E. ROEPKE, WATERVILLE, KAN.

**Offering Reg. Durocs  
Choice Boars**

Orion breeding, long bodied and fast growing.

FRANK BERKA, CALDWELL, KANSAS.

**We Offer Reg. Durocs**

Gilts of popular bloodlines mated to Fancy Sensation, son of Lowdown Fancy. Double immuned. Also fall pigs. Henry L. Neufeldt, Inman, Kan.

**CHOICE DUROC BRED GILTS**  
By Improved Ace by Proud Wave Ace and bred to Top Crown, a splendid son of Crown Prince, Illinois Grand Champion boar. Also splendid spring boar pigs. Two extra good fall boars by Improved Ace.

BEN M. HOOK & SON, Silver Lake, Kansas

**SEE OUR SPOTS. STATE AND  
COUNTY FAIRS AND SHOWS**

Booking pig orders for future delivery. Sired by the 1945 grand champion and his helpers. Stock always for sale.

DALE KONKEL, HAVILAND, KANSAS

**True Model Grand Champion**

1946 Kansas State Fair. The best Spotted Boar we have ever owned now for sale. Also bred gilts and fall pigs.

EARL & EVERETT FIESER, NORWICH, KAN.

**Bauer Type Poland Boars**

Selected for fast gains. The largest prize winning herd at Nebraska State Fair, Midwest, Atomic Bomb, and Standard—Sire. Guaranteed to suit. Visitors Welcome.

BAUER BROTHERS, GLADSTONE, NEBR.

**Offering Poland China Pigs**

Of choice quality and of Blue Seal breeding. Also April Boars.

LEONARD O. FOWLER, Rt. 3, Russell, Kansas.

**REG. HAMPSHIRE HOGS**

Now offering choice September boar pigs. Various bloodlines. Immune. Annual bred gilt sale February 28, featuring the get of "Five-Stars."

R. E. BERGSTEN & SONS  
RANDOLPH, KANSAS

**ETHYLEDALE****FARM****PRODUCTION****HAMPSHIRE**

In Service  
SPOTLIGHT SUPREME  
and  
OUR WIZARD  
Breeding stock for sale  
at all times.  
Date Scheel, Emporia, Kan.

**BERKSHIRES—BOARS AND GILTS**

Serviceable ages, unrelated trios, sired by War Eagle Lad 3rd 547579 and Bar None Surpass 548808 from sows of Charming, Duchess, and Black Girl breeding. Priced to sell. Write

FRED M. LUTTRELL, PARIS, MISSOURI

**Dairy CATTLE****AYRSHIRE DAIRY CATTLE**

PERFECT UDDERS—IDEAL TYPE—BEST OF GRAZERS. Write for literature or names of breeders with heavy-producing 4% milk stock for sale. **AYRSHIRE BREEDERS' ASSN.**, 260 Center Street, Brandon, Vermont.

The **FRED FARRIS DUROC DISPERSAL SALE** was held at the Farris Farm, December 12, near Faucett, Mo. This was a complete dispersion of the Farris Duroc herd, featuring the services and get of the great herd sire, **Tops All**. The offering went to several states at good prices. The top bred sow went to Ellis Morgan, Oregon, Mo., at \$350. Warrick Bros. took the second top at \$345, also a bred sow. Gregor F. Vaske, Dyersville, Ia., got the third top bred sow at \$327.50. Kincaid Co., Liberty, Mo., gave \$255 for a bred gilt, with Warrick Bros. giving \$235 for another one. N. L. Bogart & Son, Holt, Mo., bought the young herd sire, **Just Right**, for \$150. A large number of fall pigs sold at good prices. Many were sired by the noted boar, **Tops All**, which recently sold to Paul Schmidt, Massena, Ia., for \$3,000. The sale was sold by Bert Powell, Topeka. Donald J. Bowman represented the Kansas Farmer.

**Dairy CATTLE****GUERNSEY  
BULLS  
FOR SALE**

Jo-Mar King's Cresent, born June 7, 1944; dam's record 465.9 lbs. fat. Bull calf 8-months-old sired by Foremost Comet 2nd 326954, whose three nearest dams average 18138.5 lbs. milk and 592.1 fat; dam, Jo-Mar Fashioner's Lulu, her sire Argilla Fashioner 232614 A. R. with 7 A. R. daughters, 671.5 G.G., 690.4 F.F., 801.3 G.G., 535.4 G.G., 519.1 F., 906.2 A.A. and 823.7 A. 8-months-old bull sired by Foremost Comet 2nd; dam —Jo-Mar Superior's Holly.

W. A. TOWNE

Rt. 2, Osborne, Kansas

**GUERNSEY CATTLE  
FOR SALE**

20 Head Registered young Cows.  
10 Head Registered Heifers, some bred.  
10 Head Grade 2-year-old Heifers, 5 springers. Some fine young Reg. bulls. A few ready for service.

W. L. SCHULTZ & SON  
HILLSBORO, KANSAS.

**Reg. Guernseys For Sale**

10 or more good registered Guernsey cows and heifers. Also bull calf sired by Flying Horse Masters Foremost.

HILLSIDE GUERNSEY FARM  
HILLSBORO, KANSAS.

**REG. GUERNSEY BULLS**

High Production. Correct Type.  
Popular Bloodlines.  
RANSOM FARM, HOMEWOOD, KANSAS

**BUILDING A BETTER  
INCOME**

Your success is based on knowing good producing dairy type. The folder, "A Standard of Excellence", includes 21 color photographs, to help you select high producing animals. Send today for your FREE copy.

THE AMERICAN GUERNSEY CATTLE CLUB  
675 Grove Street, Peterborough, New Hampshire

**Jersey Bulls for Sale**

14 months of age, sired by Rachel's Master-son classified "Excellent." His sire, Premier Master-son ("Superior Sire") also classified "Excellent." His dam, Brampton's Whynot Rachel, classified "Excellent" with 365 day record of 501 lbs. butterfat.

Rachel Master-son now has 13 classified daughters—9 "Very Good," 4 "Good Plus," score 85.96% and enough daughters on E. I. R. test to make him a tested sire by the end of their lactation.

These young bulls are out of tested and classified cows with good records. All Tb. and Bang's free.  
Priced reasonable.

FRANK L. YOUNG

Phone 17F11, Cheney, Kansas.

**Fall Sales Are Now Over  
PHILLIPS OFFER  
SERVICEABLE AGE**

Holstein bulls sired by Great Mercury Prince, whose dam has a record of 19,841 lbs. milk and 682.5 fat made as a five year old. Also younger bulls sired by Carnation Mad Cap Marshall, a son of Gov. of Carnation and out of Billy daughters with records up to 625.5 fat.

K. W. PHILLIPS & SONS  
RT. 4, MANHATTAN, KANSAS.

**Smoky Valley Holsteins**

For Sale: Bull—Smoky Valley Prince Charming, born March 12, 1946, son of the top selling female Kansas State Sale 1944.

W. G. BIRCHER & SONS, Ellsworth, Kansas.

**HOLD ALL WORLD'S RECORDS!**

All U. S. records for butter fat production in the various ages and classes are held by Holsteins, and they also hold all milk records. The natural size and stamina of the Holstein cow has much to do with record breaking showing.

**K. HOLSTEIN-FRIESIAN ASS'N  
OF AMERICA** • Brattleboro, Vermont • Box 3036

**BULL CALVES FOR SALE**

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

H. A. DRESSLER, LEO, KAN.

**Kansas Aberdeen-Angus  
Breeders' Annual Sale**

**Hutchinson, Kansas, Saturday, Jan. 4**

**72 HEAD** selected by a competent sale committee from the following well known and reliable Kansas herds.

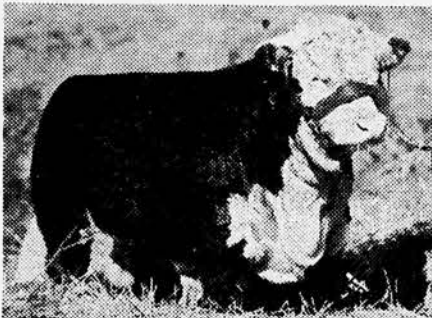
**19 BULLS—53 FEMALES**

The finest lot we have ever offered.

Matt J. Malone, Raymond  
W. S. Caylor, Osawatomie  
Bruce K. Harrel Sawyer  
Harold Cless, Arnold  
G. W. Caldwell, Herlan  
L. F. Gorges, Fall River  
Meadow Lawn Farm, Newton  
Herschel Janssen, Lorraine  
A. J. Schuler, Junction City  
H. E. Thalmann, Haven  
Davis & Jennings, Emporia  
Harry E. Pierce, Hutchinson  
Paul Nelson, McPherson  
Phil W. Ljungdahl, Manhattan  
Cooper Angus Farm, Bazaar

Simon Angus Farms, Maize  
Clyde Collins, Sedgwick  
Chester I. Bare, Protection  
Harold Fountain, Penalosa  
W. D. Gilmore, Highland  
Robert Miller, Highland  
Francis J. Perrier, Eureka  
Ernest L. Smith, Raymond  
Locke Hershberger, Little River  
Kansas State College, Manhattan  
H. R. Wilk, Clearwater  
Ralph & Marvin Poland,  
Junction City  
H. Nelson Simmons, Strong City  
Phil Sterling, Canton

For Catalog Address **PHIL W. LJUNGDAHL**, Secretary, Manhattan, Kan.  
Mike Wilson with Kansas Farmer.

**1898--Gideon's Hereford Farm--1946**

**40 Head** of young cattle, strictly tops, for sale.

**10 Bulls**—good thick, short-legged yearlings. All sired by Domestic Lamplighter.

**20 Heifers** bred to Domestic Lamplighter.

**10 Selected Open Heifers** sired by Domestic Lamplighter. Out of Domino cows with several generations of selection and careful mating.

**OSCAR GIDEON  
Emmett, Kansas**

**DOMESTIC LAMPLIGHTER 46th 4326516**

Domestic Lamp-lighter 2626312	T. Lamplighter 2020168	Advance President 1815576
	Domestic 44th 2227706	Blanche Mif. 21st 1742831
	Mouset Mixture 2714631	Advance Domino 1381854
Lilac Mixture B. 3131091	Miss Anxiety Jr. 31st 2294521	Domestic 42d 2065272
		Advance Mixture 2273207
		Blanche Mif. 22d 1795518
		Anxiety Jr. 1747676
		Lilac Domino 2046613

Inspection Invited  
Whether Visitors  
or Buyers.

Just Over the Line  
From Pottawatomie  
County in Jackson  
County.

**Ely Hereford Ranch Offers**

**40  
Young  
Bulls**



All of high quality and out of straight Hazlett bred cows. Our herd bulls are **Rupert Tone 19th, Bocaldo Tone 2nd**, and **E. Beau Rupert 16th** (grandson of Hazford Rupert 71st). These bulls are of quality and bloodlines, suited to head registered herds, or farm and range grade herds. We also have cows, and bred and open heifers. Priced separately or in groups to save public sale expense. Stock is in nice thrifty breeding conditions but not fitted for showing to the best advantage. Closest inspection invited.

**R. D. ELY, ATTICA, (Harper County), KANSAS**

**Dual-Purpose CATTLE****Cook's Milking Shorthorns**

Classified—Tested  
Retnub Royal Stylist 43d  
Now in service following Fox's Victor 3rd. We offer bulls from small calves to serviceable age. 3 of them out of R. M. cows that are now on test. Farm 1 mile west of Lyons and 2½ miles north.

CLARENCE B. COOK, LYONS, KANSAS

**Dual-Purpose CATTLE****Milking Shorthorn Herd  
For Quick Sale**

Cows and heifers of good quality and production. Representing leading families of the breed, including Neralcam and Walgrove breeding. Priced right.

KENNETH HANSEN  
MINNEAPOLIS, KANSAS

**Milking-Bred Shorthorn Bull**

For Sale. 4 years old, good individual and well bred. **WM. H. VANDERLIP**, Woodston, Kansas.

**HILLTOP MILKING SHORTHORN FARM**  
High producing cows headed by Olwood Grim (by Gold Mine Jubilee RM). Cows of Hollendale, Northwood and Retnub breeding. DHIA Records. Calvehood vaccinated. Bulls from calves to serviceable age and a few cows.

HADLEY SNAY, FLEVNA, (Reno Co.), KAN.

**MARDALE  
MILKING SHORTHORNS**

Classified and Tested.  
Bull calves, 2- to 3-months-old. Also a 3-year-old red son of Kingsdale Pride 13 and out of Artesian Roan Lady RM. Bell Boy Lee by Strathbran Bell Boy and out of Dorothy Lee Rose (10,800 lbs. milk and 487 B. F. Jr. 2) in service. Visitors welcome.

J. E. HUGENOT, MINNEOLA, KANSAS.

**BERT POWELL**

AUCTIONEER  
LIVESTOCK AND REAL ESTATE

1529 Plass Avenue Topeka, Kan.

**Buy U. S. Savings Bonds Now**

**January 4  
Will Be Our Next Issue**  
Ads for the Classified and Livestock Section  
must be in our hands by  
**Saturday, December 28**



**Aberdeen-Angus Cattle**

Abercrombie, C. W.	Stanley
Caldwell, Guy	Harlan
Dannenberg, Henry R.	Gaylord
Dodson Bros. Ranch	Fall River
Erison, Clarence C. & Sons	Savonburg
Erison, Abe	Ashland
Gross, Harold	Arnold
Grumow, W. D.	Highland
Grumow, Harry & Son	Herlington
Heart of America Angus	
Breeders' Association	Kansas City, Mo.
Jackson, T. W.	Phillipsburg
Kalbfleisch, C. A.	Harlan
Kansas Aberdeen-Angus	
Breeders' Association	Manhattan
Krotz Stock Farm	Odel, Nebr.
Ladlin, L. E.	Crab Orchard, Nebr.
Latzke, Oscar	Junction City
Lundquist, Wm. & Son	Menlo
Long, J. C. & Son	Haddam
McKenny, Frank	King City, Mo.
Menson, R. E.	Highland
Meyers, J. D.	Highland
Mid-Kansas Aberdeen-Angus	
Breeders' Association	Canton
Moss, Edna	Nevada, Mo.
Patman, Leonard	Smith Center
Penner, J. C. Farms	Hamilton, Mo.
Perrier, Francis J.	Sureka
Polka, Ed	Riverton, Nebr.
Reed, C. E.	Wichita
Southeast Kansas Aberdeen-Angus	
Breeders' Association	Savonburg
Sunflower Farm	Everest
Swartz Bros.	Everest
U. S. Center Aberdeen-Angus	
Breeders' Association	Gaylord
Ward, C. E.	Highland
Wilson, Mike & Son	Muscotah
Wofford, J. W.	Milford

**Hereford Cattle**

Adrian, Phil H.	Moundridge
American Hereford Breeders'	
Association	Kansas City, Mo.
Burgill, Homer S.	Hutchinson
Belgen, William	Horona
C. K. Ranch	Brookville
Carey, Howard	Hutchinson
Condon, Frank R.	El Dorado
Cornwell, C. L.	St. John
Cornwell, Jack	St. John
Cowden Farms	Springfield, Mo.
Dickinson County Hereford	
Breeders' Association	Abilene
Dodge, Cecil & Sons	Penalosa
Doran's Old Homestead	Council Grove
Dunsing, Valentine	Bremen
Elliot, Earl	Detroit
Fahnestock, Roy L.	Concordia
Gibbs, Glen I.	Manchester
Gibbs, Sam	Manchester
Gill, W. Scott	Harper
Goddard, S. F. & Sons	Penokee
Harvey County Hereford	
Breeders' Association	Moundridge
Haven Hereford Breeders' Association	
Held, Leonard & Son	Great Bend
Hettendach, Milton F.	Chapman
Hughes, D. M.	Rich Hill, Mo.
Jansonius Bros.	Prarie View
Jenkins, Orville L.	Emmett
Johnson, Elmer L.	Smolan
Johnson, Leonard B.	Alta Vista
Jones Hereford Farm	Detroit
Kansas Great Plains Hereford	
Breeders' Association	Oakley
Kansas Hereford Breeders'	
Association	Manhattan
Kay County Oklahoma Hereford	
Breeders' Association	Blackwell, Okla.
King, Warren J.	Fowler
Knudsen & Sauton	Oklawaha
Luff, John	Elson
Moss, Joseph C.	Bushton
Mills & Ferguson	St. Francis
Moffitt, John J.	Lenora
Mouset Bros.	Cambridge, Nebr.
Mutha, Joe	Tipton
North Central Kansas Hereford	
Breeders' Association	Belleville
Northwestern Kansas Hereford	
Breeders' Association	Meriden
Northwest Kansas Hereford	
Breeders' Association	Atwood
Novak, Stanley	Belleville
Paney, Paul	Mt. Hope
Parks, J. M.	Topeka
Parsons, Franklin M.	Duquoin
Polyn, Ed P.	Gorham
Porterfield Hereford Farm	Kansas City, Mo.
Pritchard, J. B.	Dunlap
Ramsbottom, Hal	Munden
Rancho Rayo	Maryville, Mo.
Reese, C. E.	Scandia
Reno County Hereford Breeders'	
Association	Hutchinson
Reuber, H. G.	Atwood
Roth, Vic	Hays
Rusk, Ray & Son	Wellington
Schlickau, W. E.	Haven
Shatzell, M. E.	Hoxie
Shawnee Cattle Company	Dallas, Texas
Smith, Harry E.	Rozel
Southwest Missouri Hereford	
Breeders' Association	Hamilton, Mo.
Stout, Elmore G.	Cottonwood Falls
Sundgren Farm	Falun
Swenson, Emil	Concordia
Thowe, Frederick	Alma
Wabunsee County Hereford	
Breeders' Association	Alma
White Bros.	Winfield
Walnut Hill Hereford Farm	Great Bend
Walsh, T. L.	Abilene
Western Kansas Valley Hereford	
Breeders' Association	St. Francis
Wisdom Hereford Ranch	Bloomfield, Ia.

**Polled Hereford Cattle**

Behling, Earl R.	Florence
Brennan, Leslie	Timken
Gerhardt Bros.	Aurora
Gugler, A. F. & Son	Chapman
Heidel, H. & Sons	Junction City
Hett Bros.	Haven
King, Warren J.	Onaga
Kolterman, Lester E.	Onaga
Leamon, R. E.	Wauwata
Ravenstein, John & Son	Cleveland
Ravenstein, Walbert J.	Belmont
Riffe, Clayton & Sons	Hope
Riffe, Gen. L. & Sons	Hope
Riffe, Jesse & Sons	Enterprise
Rindom, P. O.	Liberal
Roth, Vic	Hays
Shields, Martin L.	Lincolnville
Shields, O. J.	Lost Springs
Ziegler, R. H.	Junction City

**Shorthorn Cattle**

Amcoats, S. B.	Clay Center
American Shorthorn Breeders' Assn.	Chicago, Ill.
Adkinson, H. D. & Sons	Alma
Bach, R. L. & Sons	Larned
Banbury, J. C. & Sons	Belleville
Bert, N. E.	Detroit
Betz, Geo.	Asherville
Brander, E. L.	Leoti
Burke, J. S.	McDonald
Central Kansas Shorthorn	
Breeders' Association	Sterling
Coffey, Chris & Sons	Axtell
Conner, R. M.	McDonald
Cretz, Frank	Asherville
Crockett, R. B. & Sons	Kinsley
Dole, A. J. & W. W.	Canton
Eaton, H. W.	Sitka
Hugener, R. E.	Minneapolis
Kansas State Shorthorn	
Breeders' Association	Manhattan
Lacy, E. C.	Miltonvale
Lacy, Glenn	Miltonvale
Leichter, Paye	Clayton
Leitch, Karl	Clayton
Leitch, Frank E.	Sterling
Negley, Milton H.	Abilene
Nebraska Shorthorn Breeders'	
Association	Cambridge, Nebr.
North Central Kansas Shorthorn	
Breeders' Association	Mankato
Olson, Julius & Son	Leonardville

Paabo, Carl	Home
Rachlin, Clarence	Mullinville
Reichardt, C. E.	Kinsley
Studer, Philip K. & Son	Atwood
Thole, Louis	Lansdale
Thorne, William	Atwood
Vasser, Ed & Sons	Riley
Walker Bros.	McPherson
Warrington, Alvin T.	Leoti
Warrick, Otto H.	Oxford
White, C. L.	Arlington
Wible, H. M.	Corbin

**Polled Shorthorn Cattle**

Alpine Farms	Lexington, Mo.
Bird, Harry & Sons	Albert
Britt, E. E.	Abilene
Corless, Martin	Hebron, Nebr.
Hanson, Robert H.	Jamestown
Love & Love	Clay Center
McCall, Ray	Partridge
Miller, Clyde W.	Lamar, Colo.
Missouri Polled Shorthorn Breeders'	
Association	Odessa, Mo.
Nebraska Shorthorn Breeders'	
Association	Cambridge, Nebr.
Polled Shorthorn Society	Chicago, Ill.
Rosenberger, W. A.	Greenbush
Thieman, Lewis	Concordia, Mo.

**Milking Shorthorn Cattle**

Alexander, Dwight	Geneseo
Backus, R. F.	North Topeka
Bredford, Leo	Great Bend
Brown, Gary C. & Sons	Great Bend
Brungard, Lawrence	Gorham
Clarke, Clarence M.	Great Bend
Clarke, Walter	Great Bend
Cook, Clarence	Lyons
Cook, Geo. L.	Ness City
Cotton, H. H.	St. John
Craig, Max	Osage City
Dike, Leo	Wiley
Dosser, J. B.	Wiley
Ediger, J. E. & Sons	Wiley
Ediger, F. M. & Sons	Wiley
Emmett, Alfred	Wiley
Enrick, A. E.	Wiley
Evans, R. O.	Wiley
Fox, Joe	Wiley
Gage, John B.	Wiley
Hansen, Kenneth	Wiley
Harding & Wilhelm	Wiley
Hegle, W. A. & Sons	Wiley
Holman, John S.	Wiley
Hubbard, Roy	Wiley
Hugenot, J. E.	Wiley
Hunter, Joe	Wiley
Janssen, Gordon L.	Wiley
Kansas Milking Shorthorn Breeders'	
Association	Geneseo



## Season's Greetings

Our best wishes are extended to all livestock breeders uniting with Kansas Farmer in the program of "Better Livestock for Kansas."

**KANSAS FARMER**

JESSE R. JOHNSON, *Livestock Editor*

MIKE WILSON, *Fieldman*

Keller, Roy	Berryton
King, Irwin S.	Linn
Kraus, J. E. & Sons	Pretty Prairie
Lacy, Edwin	Longview, Texas
Leslie & Leslie	Goff
Lomis, Lida J.	Valley Falls
McFarland, J. W.	Sterling
McPherson-Rice Co. Breeders' Assn.	Inman
Malone, J. P.	Lyons
Mawson Farms	Hudson
Meyers, N. J.	Chase
Mischer, W. J. & Son	Bloomington
Missouri Milking Shorthorn Breeders'	
Association	Springfield, Mo.
Morarity, Robert	Pittsburg
Morrison & Otte	Great Bend
Nebraska Milking Shorthorn Breeders'	
Association	Beatrice, Nebr.
Peterson & O'Donnell	Junction City
Porter, Emmett	Enterprise
Porter, Harold	Enterprise
Reaves, Harry H.	Hutchinson
Robertson, E. E.	Topeka
Rock, Roy	Enterprise
Rohrer, H. A.	Junction City
Schwin, J. F.	Leavenworth
Scott, Ray E.	Kinsley
Sharp, H. D.	Great Bend
Shay, Hadley	Perry
Studd, Paul J.	Ada
Van Meter, Orris	Mildred
Ward, Melvin	Seward
Wellwell, A. L. & Son	Olathe
Yelak, John	Rexford

**Polled Milking Shorthorn Cattle**

Craig, Max	Osage City
Shannon, G. W.	Geneseo
Swan, Ellen	Jamestown

**Red Polled Cattle**

Clemetson, O. B.	Holton
Dutton, Ira V.	Belpe
Hebbard, Wm.	Milan
Locke, G. W.	El Dorado
Red Polled Cattle Club	Lincoln, Nebr.
Ring, John J.	Maryville
Ross, W. E. & Son	Smith Center
Stiemans, Herman	Buhler

**Jersey Cattle**

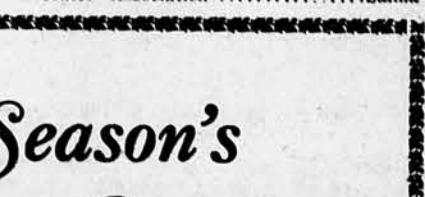
Altizer, Charles	Girard
Coleman, James	Arlington
Derowitsch, Mrs. M. M.	Hoxie
Fansler, L. E.	Independence
Hasek, L. E.	Miltonvale
Johnson, Chester	St. Scott
Kansas Jersey Cattle Club	Hutchinson
Krehbiel, Fred H.	Pretty Prairie
Long, William E.	Topeka
Marshall Bros.	Sylvia
Orwald, A. Lewis	Hutchinson
Perstinger, E. L.	Republic
Randolph, Harry	Nashville
Reed, L. E. & Son	Wichita
Schaefer, David M.	Wichita
Tobler, Fred	McClouth
Todd, J. P.	Pretty Prairie
Weir, John, Sr.	Geuda Springs

**Guernsey Cattle**

Alder, Mrs. Fritz	Florence
American Guernsey Cattle	
Club	Peterborough, N. H.
Brach, M. M.	Hutchinson
Brigham, Wm. D.	Hutchinson
Bruhal, Robert W.	Goddard
Chestnut, Pat	Denison
French Creek Guernsey Farm	Hillboro
Hiett, Maurice W.	Hillboro
Hyer, H. Dean	Olathe
Kansas Guernsey Breeders' Assn.	Hillboro
Association	Wichita
Missouri Guernsey Breeders'	
Association	Columbia, Mo.
Randle, Herb	Pratt
Ransom Farm	Homewood
Ruff, Mrs. Carrie I.	Ottawa
Schultz, W. I.	Hillboro
Yonks, Alvin	Hennington
Wiede, Jacob H.	Whitewater

**Holstein Cattle**

Alder, Mrs. Fritz	Florence
Altenroad, Clyde	Hutchinson
Beagle, Gilbert	Alta Vista
Becker, Wallace J.	Belle Plaine
Beesley, R. C.	Girard
Beesley, Wm. M.	Girard
Bircher, W. Q. & Sons	Ellsworth
Burger, Harry	Seneca
Central Kansas Holstein Breeders'	
Association	Hutchinson
Cowman, Harry	Herlington
Dawdy, S. A.	Salina
Donaldson, Bert	Lebo
Dressler, H. A.	Topeka
Edwards, C. L. E.	Salina
Engle, J. A.	Salina
Flaming, Geo. G.	Hillboro
Freking, W. F.	Herkimer
Gerling, W. F.	Atchison
Hersche Bros.	Atchison
Holstein-Friesian	Atchison
Hornbaker, Ralph	Atchison
Johnstone, Howard	Wamego
Johnston, Leroy & Sons	Marysville
Kansas State Holstein Breeders'	
Association	Nickerson
Koch, Lawrence	Clyde
Kubik, Dale	McPherson
Lewis, W. M.	Brewster
Lloyd, M. L.	Hilldale
McCormick, Carl	Cedar
McVay, T. Hobart	Nickerson
Marrs, V. C.	Pritchett, Colo.
Meyer, Herbert	Deerfield
Meyer, Louis	Ames
Mueller, Rudolf & Son	Hallstead
Norrie, L. W.	Sabetha
North Central Kansas Holstein	
Breeders' Association	Salina



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**KANSAS FARMER**

JESSE R. JOHNSON, *Livestock Editor*

MIKE WILSON, *Fieldman*

Phillips, K. W. & Son	Manhattan
Place, A. J.	Emporia
Purveyor, O. A.	Ponca City, Okla.
Quinn, Clarence	Bennington
Reed, Ernest & Sons	Lyons
St. Joseph's Home Farms	St. Joseph
St. Mary's College Dairy	St. Marys
Security Benefit Dairy	Topeka
Sheppard Dairy Farm	Hutchinson
Sheffer, Luther	Conway Springs
Smith, Eugene R.	Topeka
Stallbauer, A. A.	Belleville
Sutter, Pollen	Wakarusa
Tatro, J. J.	Penalosa
Thut, Abram	Clearwater
Torkelson, Herman	Everest
Unruh, B. C. & Sons	Pawnee Rock
Van Dalsen, Frederick	Fairview
Vetter, Chas. F.	Beloit
White, Dale E.	Newton
White, J. M.	Topeka

**Brown Swiss Cattle**

Birke, Allen	Pekin, Ill.
Braden, John W.	Hutchinson
Cooley, George	Valley Center
Dannen Easthills Research	
Farm	St. Joseph, Mo.
Eylar, O. H.	Olathe
Iowa Brown Swiss Breeders' Assn.	Gowrie, Ia.
Webber, Roy E.	Kingman

**Ayrshire Cattle**

Ayrshire Breeders' Association	Brandon, Vt.
Central Kansas Ayrshire Breeders'	
Association	Hutchinson
Childers, G. B.	Wichita
Funk, Otto E.	Hillboro
Keas, John C.	Emingham
Northwest Kansas Ayrshire	
Breeders' Association	Horton
Richard, H. L.	Greensburg
Rinehart, Roy	Greensburg
Schoiz, Richard	Lancaster
Schoiz, Raymond	Lancaster
Strickler, Fred	Hutchinson
Unruh, Chester O.	Hillboro
Vernon, Ralph E.	Ottumwa, Iowa
White, C. L.	Arlington
Williams, G. Fred	Hutchinson

**Duroc Jersey Hogs**

Albrecht, Vern	Smith Center
Alexander, Frank	Corning
Berka, Frank	Caldwell
Bott, W. Fred	Isabel
Broderick, A. L.	Fall River
Dannen Easthills Farm	St. Joseph, Mo.
Davis, Wayne L.	Manhattan
Deats, Harvey A.	Gibson, Nebr.
Flett, Ben A.	Rich Hill, Mo.
Franklin, Lee	Sparks
French, Irvin F.	Manhattan
Germann, O. F. & Son	Manhattan
Givens, Harry	Manhattan
Hart, C. C.	Lees Summit, Mo.
Hook, E. N. & Son	Hillboro
Huston, Willis	Americus

Kansas Duroc Breeders' Association	Belleville
Ladd, Allen	Clay Center
Martin, Earl & Son	DeKalb
Miller, Clarence	Manhattan
Miller, John O.	Manhattan
Missouri Duroc Breeders'	
Association	Jefferson City, Mo.
Neufeldt, Ad E.	Inman
Neufeldt, Henry	Inman
Oswald, John Craig	Inman
Popp, Herman	Hutchinson
Reinke, Arthur	Waverly
Shulte's Duroc Farm	Little River
Shulze County F. F. A. & 4-H	
Duroc Breeders' Association	Topex
Shepherd, C. M. & Son	Richards, Mo.
Sherwood Bros.	Great Bend
Swanson, Oscar	Clay Co.
Tallaferrro, Howard C.	DeWitt, Neb.
Waldo, W. H.	Andal
Wright, George J.	Manhattan

**Berkshire Hogs**

Bohnenblust, Dan & Sons	Bala
Headings Bros.	Hutchinson
Kansas Berkshire Breeders'	
Association	Bala



**THE SOUTHWEST MISSOURI HEREFORD SALE** was held at the Thornton Sale Pavilion in Springfield, Mo., November 13. Twelve consignors in this territory sold 58 lots for around \$900 a lot. The top bull was consigned by W. C. Elliott & Son, Springfield, Mo., whose Mischief Domino 5th went to Lowry M. Bellis, Ocala, Mo., for \$400. Elliotts also had the top female, Laura Domino 5th, selling to Ervin H. White, Springfield, Mo., at \$350. H. B. Gilbert, Atterford, Mo., bought one of Dr. J. H. LePere's consignments, of Stockton, Mo., at \$282.50. Otto helps, Springfield, Mo., sold a number around \$200. O. L. Thomas, Bolivar, Mo., sold a February, 1946, bull calf to W. H. Clayton, Lebanon, for \$250. Gus Tuck, Morrisville, Mo., sold a heifer to Mr. Gilbert at \$240. The top lot in the sale averaged \$313. Donald J. Bowman, Hamilton, Mo., managed the sale, and it was sold by Col. Bert Powell, Topeka.

**THE MISSOURI STATE HAMPSHIRE BRED EWE SALE** was held in the Chamber of Commerce Sale Pavilion, November 26, at St. Joseph, Mo. A good offering of quality Hampshire ewes were consigned by the Missouri breeders. Ninety head, 23 of which were spring ewe lambs, sold for an average of \$67.11. The top ewe was consigned by Edwin Cox, of Fayette, Mo., and sold to Mrs. Lenora Steadman, Moberly, Mo., for \$350. Mrs. Steadman and Danner Mills, St. Joseph, Mo., both paid \$200 each for the next 2 top selling ewes consigned by Cox and Glen Armentrout & Son, Norborne, Mo. Carl Peterson, Garfield, Kan., paid \$160 for another Cox consignment. The sale was managed by Rollo E. Singleton, Jefferson City, Mo. Col. H. Earl Wright, Mount Gilead, Ohio, sold the sale. Donald J. Bowman represented the Kansas Farmer.

## Public Sales of Livestock

### Aberdeen-Angus Cattle

January 4—Kansas Aberdeen-Angus Breeders' Association, Fairgrounds, Hutchinson, Kan.  
March 15—Reed Stock Farm, Wichita, Kan.  
April 14—Johnston Brothers, Belton, Mo.  
April 15—Penney & James, Hamilton, Mo.  
April 19—Mid-Kansas Aberdeen-Angus Breeders' Association, Fairgrounds, Hutchinson, Kan.  
Loeke Hersberger, Manager, Little River, Kan.

### Hereford Cattle

January 6—Robert L. Nelson, Windom, Kan. Sale at McPherson, Kan.  
January 7—Northeast Kansas Hereford Breeders, Fairgrounds, Topeka, Kan.  
January 29—Schlickau & Sons, Haven and Argonia, and Oliver Bros., Danville, Kan. Sale near Harper, Kan.  
February 1—Reno County Hereford Breeders' Association, Fairgrounds, Hutchinson, Kan. Don Shaffer, Manager.  
February 1—Glen I. Gibbs, Manchester, Kan. Sale at Clay Center, Kan.  
February 3—Waite Bros., Winfield, Kan.  
February 26—Barber County Hereford Breeders' Association, Medicine Lodge, Kan.

### Shorthorn Cattle

February 22—Andrews, Crews and Keuner, Cambridge, Nebr. Thomas Andrews, Sales Manager Cambridge, Nebr.

### Duroc Hogs

January 25—Harry Givens, Manhattan, Kan.  
February 1—Alexander Stock Farm, Corning, Kan. (Night Sale.)  
February 1—Clarence Miller, Alma, Kan.  
February 6—Willis Huston, Americus, Kan.  
February 17—North Central Kansas Duroc Sale, Belleville, Mo. Dr. George Wreath, Secretary, Belleville, Kan.

### Hampshire Hogs

February 28—R. E. Bergsten & Sons, Randolph, Kan.

### Hereford Hogs

February 21—Kansas Hereford Hog Breeders' Association.

### Poland China Hogs

February 19—Kansas Poland China Breeders' Association, Hutchinson, Kan. Ray Saylor, Secretary, Manhattan, Kan.

### Spotted Poland China Hogs

February 5—H. E. Holliday & Son, Richland, Kan., and Roy Keller, Berryton, Kan. Sale at Fairgrounds, Topeka, Kan.

## • AUCTIONEERS •



### Buyers Pay the Auctioneer

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

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

### Lawrence Welter, Auctioneer

Specializing in livestock and farm sales. Selling many prominent sales of this territory. For dates and terms write me at

MANHATTAN, KANSAS, Rt. No. 5.

### CHAS. W. COLE LIVESTOCK AUCTIONEER

I am conducting sales for many of the best feeders in Kansas. Selling all breeds. For dates address me at

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### Frank C. Mills, Auctioneer

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### Ross B. Schaulis, Auctioneer

Purebred Livestock, Real Estate and Farm Sales. Ask those for whom I have sold.

CLAY CENTER, KANSAS

## Beef CATTLE

### Registered Aberdeen-Angus Cattle

For Sale, Choice Breeding.  
L. E. LAFIN  
Crab Orchard, Nebr.

### 'Lucy's' Scotch Shorthorns'

For Sale, 10- to 18-months-old. All dark roans or reds. The blocky, short legged, easy feeding type. Also several bred and open heifers. Priced to sell. E. C. LACY & GLENN E. LACY & SON, MILTONVALE, KANSAS.

# Complete Dispersion, Nelson's Registered Hereford Cattle Sale

(McPherson Sale Pavilion)

McPherson, Kan., Monday, Jan. 6



Sales such as this afford an excellent opportunity to secure choice breeding at much better prices than would be possible when buying from older established herds.  
—JESS.

**40 HEAD**  
Of Good Type,  
Richly Bred Cattle

The Moxley-bred HERD  
BULL, Royal Tredway 3d,  
son of the noted bull, WHR  
Royal Tredway 8th.



13 Young Bulls, 10 to 22 months of age.  
11 Open Heifers.

15 Splendid Cows with calves at foot or bred to Royal Tredway 3d. (none of these cows over six years old and most of them heavy springers.)

13 Heifers were purchased from J. B. Pritchard, of Dunlap, Kansas, daughters of WHR Heritage and Mischief Supreme, 8 of them granddaughters on their dam's side of Prince Domino. These heifers and their offspring make up much of the sale offering.

See them before sale at farm 5 miles south of Windom and a little west. For catalog address

**ROBERT L. NELSON, Windom, Kansas**

Auctioneer—R. M. Krehbiel. Representatives—J. J. Moxley, Secretary, Kansas Hereford Breeders' Association. Jess Cooper, County Agent. Jesse R. Johnson and Mike Wilson with Kansas Farmer.

## Beef CATTLE

### Young Advance Senior Hereford Herd Bull

Straight bred Anxiety bull sired by Advance Prince Domino; dam—Dollie Mischief 6th. Nearly every cow in our herd was sired by this grand breeder and he will give good service in some small herd. He was calved in 1937 and bred by Mousel Bros. We are pricing him for quick sale.

**WANERS' HEREFORD FARMS**  
Henry Waner & Sons  
FLORENCE, KANSAS

### TOP HEREFORDS SELECTED FROM TOP HERDS

For several years we purchased the top selling heifers in many of the best sales held in Kansas and Nebraska. They are cows now that justify the high prices paid. To breeding females in the herd, mating with our good bulls, including Royal Triumph D 14th 123rd and his great son, Triumph 2nd. Herd inspection invited.

T. L. WELSH, ABILENE, KANSAS

### Reg. Hereford Cattle

Leading bloodlines, all ages. Lots to suit buyer. Prices for all purposes.

SHAWNEE CATTLE COMPANY, Dallas, Texas

### POLLED HEREFORD BULLS

Double registered Polled Hereford bulls for sale. Good ones, one to three years old. These bulls are well grown for their ages, splendid color and markings, right in every way. Two were kept for my own use but owing to poor health, I must sell all my stock. Females already sold.

F. O. RINDOM, LIBERAL, KANSAS

### OFFERING REGISTERED QUALITY HEREFORDS

Registered Herefords. Leading bloodlines. All ages. Bulls and females. Priced right.

RUSH BROTHERS  
Telephone Wakeeney 1513. Penokee, Kansas.

### OFFERING REG. SHORTHORNS

Cows, heifers and bulls. Sired by or bred to College Premier 3d or (Son of Prince), a top bull of my own breeding, shown at Fairs the past season.

ROBT. J. CROCKETT & SONS  
KINSLEY, KANSAS.

### OFFERING BEEF SHORTHORN BULLS

Thick, short-legged, red sons of Comery Captivator and out of our best Proud Marshall cows. 6- to 15-months-old. Come and see them.

W. A. YOUNG & SON  
CLEARWATER, KANSAS.

# Northeast Kansas Hereford Breeders' Annual Sale

FAIRGROUNDS

Topeka, Kan., Tuesday, Jan. 7



67 HEAD selected from 27 good herds of the territory, comprising—

42 BULLS, 4 two years and older, 14 yearlings and 24 calved since January 1, 1946.

25 FEMALES, two bred cows two years old and over; 15 heifers calved in 1945, part of them bred; 8 heifers calved in 1946.

## CONSIGNORS:

Walter Anderson & Sons, Scranton  
E. G. Becker, Meriden  
Beeks Hereford Farm, Baldwin  
Wm. Belden, Horton  
J. C. Campbell, Rossville  
James J. Carnahan, Topeka  
F. W. Cleland & Son, Baldwin  
DeRight & Barnett, Lenexa  
Ferrell Bros., Valley Falls  
L. H. Glendon, North Topeka  
G. R. Glendon, Paxico  
Howard H. Hanson, Topeka  
Frank Hug & Son, Scranton  
Clyde Kovar, Rossville

F. H. Lawrence, Meriden  
C. P. Morrison, Meriden  
Mulvane Ranch, Rossville  
Overhill Farm, Olathe  
Premier Hereford Farm, Wolcott  
E. J. Renbarger, Topeka  
E. W. Rezac, Rossville  
R. R. Sanders, Miller  
N. S. Sanders, Miller  
Al J. Scheutz, Mercier  
John Spencer, Whiting  
Wm. True, Paxico  
Orion Williams, Hoyt

The cattle will be placed for sale rotation at 9:30 a. m.

Sale starts at 1 p. m. For catalog write

**E. G. BECKER, SECRETARY, MERIDEN, KANSAS**

Auctioneer—Guy Pettit, Sale Clerk, H. W. Wilson, Horton, Kansas.  
Mike Wilson with Kansas Farmer.

Lunch served on grounds.

# Buy United States Savings Bonds



# EGGS Atoms

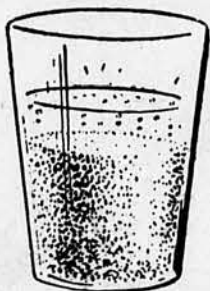
MAKE THIS SIMPLE

## Digestibility Test:

1





DROP EGG PELLET into a glass of water. Observe that the pellet sinks immediately to the bottom of the glass, and that each pellet remains a more-or-less solid mass.



2

NOW PUT STALEY EGG ATOMS into a glass of water. Watch the water bubble as the Atoms absorb moisture... watch the individual Atoms break up almost at once into tiny particles. If Atoms disintegrate so quickly and readily in ordinary water, they're bound to react similarly in a hen's digestive system. This QUICK DIGESTIBILITY is just one of the reasons that layers do so well on Staley Egg Atoms!

Staley Egg **Atoms** are bite-shape, grain-size feed particles about this big . They're power-packed with real egg-building  ingredients. Layers love them  because they're so appetizing. Staley Egg Atoms are clean  to handle, and economical  because there's little waste in feeding. Cost no more than pellets.  For lots of  put your layers on Staley Egg **Atoms** now!

## If you're dissatisfied with Egg Production:

Is your flock producing *all* the eggs you want? If not—switch to Staley Egg Atoms! See if the extra appetite-appeal, the quick digestibility, and the egg-building ingredients of this new type feed won't help egg production take a quick turn upward! Your local Staley dealer now has an ample, fresh supply of Staley Egg Atoms—make a note to see him right away.

# STALEY

STALEY MILLING CO.  
KANSAS CITY 16, MO.