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KANSAS FARMER

CONTINUING MAIL & BREEZE

DECEMBER 20, 1947



Merry Christmas to You and Yours . . . See Page 10

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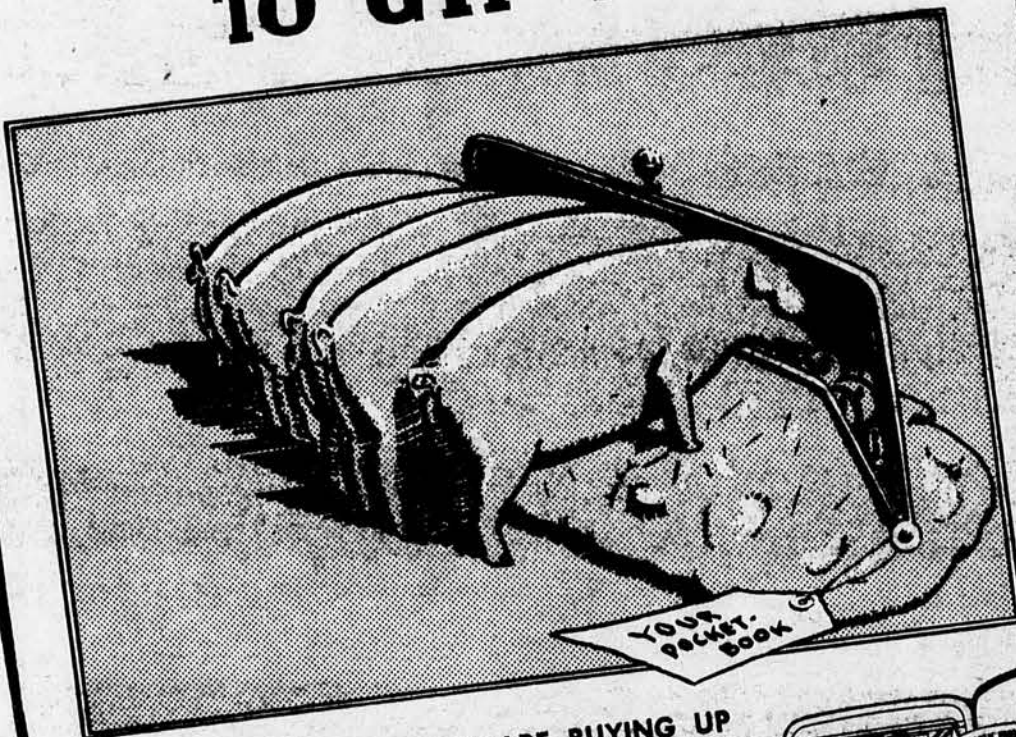
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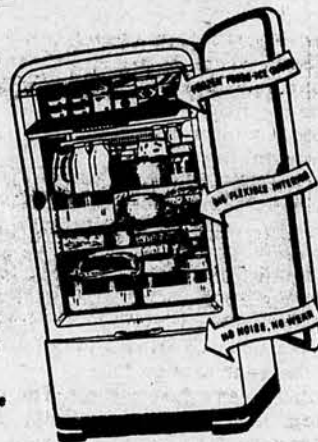
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Where Will a Cow Drink



By DICK MANN

IF DAIRY cows could talk, what would they have to say about the drinking-water situation on many farms? Before you try to answer that question, put yourself thru this little quiz test:

Why did you put your water tank in its present location?

When locating the tank did you consider nearness to water supply, cost of installation, your convenience, or the convenience of the cows?

Is your water tank located in the coldest spot on the farmstead, or is it protected from cold winds so cows can drink in comfort?

Do you use a heater in the water tank during winter and, if so, how warm should the water be?

How far do your cows have to walk to get a drink—when on pasture; after leaving the milking barn; when in the loafing shed?

Does the condition of the ground around your water tank in winter discourage the more timid cows from drinking?

How large should the water tank be to prevent crowding? Would several small tanks be better than one large tank?

Do you know how much milk production and feed consumption would be affected if your cows did drink all the water they really needed?

Have you done everything possible to encourage your cows to drink a maximum amount of water the year around?

Remember, we're just asking. The reason we are asking is that our curiosity has been aroused by recent talks with dairymen in several counties. We talked about these questions and about the drinking habits of dairy cows.

Apparently everyone, including the experts, has been taking a lot for granted. So far as we know there has been too little research done on the questions we ask you to answer. Yet the answers may be extremely important.

Last year when Jim Linn, Kansas State College extension dairyman, was working back at Cornell University, in New York state, he noticed that the extension division there was ad-

vising dairymen to provide plenty of clean, fresh water for the dairy herd at all times. "Where do you get your authority for that recommendation?" he asked. "We don't have any authority, it is just good common sense," Jim was told.

"But is it?" Mr. Linn asked us the other day. Then he went on to explain that he often has seen dairy cows in the pasture pass up clear, cold spring water to drink out of a mud wallow. "You would think," he remarks, "that dairy cows would always drink the freshest water available. Yet I have seen them pass up the first tank at a windmill and drink from an overflow tank that didn't appear to be nearly so desirable. Why?" We don't know, but it started us to thinking. Maybe if folks really studied the drinking habits of dairy cows they might change their watering setups. Maybe then they would plan water supplies according to what the cows wanted instead of what they thought the cows wanted.

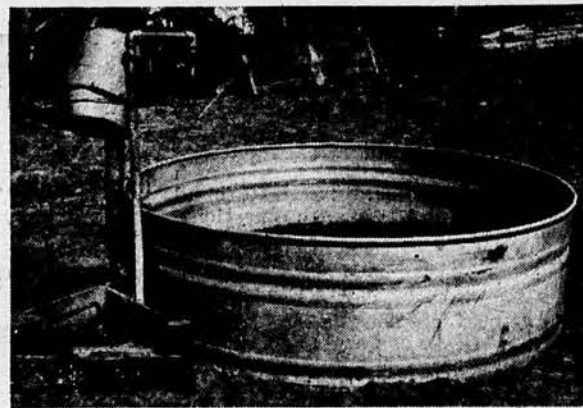
Some farmers already have done that. When we started talking to dairymen about these things we found out in a hurry that all of them had noticed certain peculiarities about the drinking habits of their cows. For instance, every dairyman we interviewed had noticed that their cows were especially thirsty right after being milked. They believed this was true because of grain feeding during the milking period.

But what happens on many dairy farms? The cows come out of the warm milkbarn on a cold, windy day. They are thirsty but the water tank may be a long distance away and located where they have to take the full sweep of that cold wind while drinking. In addition they may have to drink ice water—if the tank isn't frozen over. Would such conditions encourage you to drink?

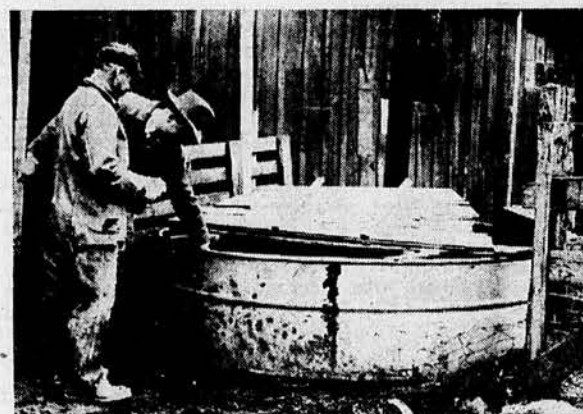
Ambrose Koelzer, of Nemaha county, told us how his cows react. His tank is located in an unprotected spot a considerable distance from the barn. "I have noticed that on a cold, windy day, the cows are [Continued on Page 18]



Fair protection for these 2 tanks on the Albert Ottaway farm, Sedgwick county, is given by the milkhouse on the left.



Do dairy farmers lose part of the value of stock water by having tanks completely unprotected from the weather, like this one? Some dairymen think so.

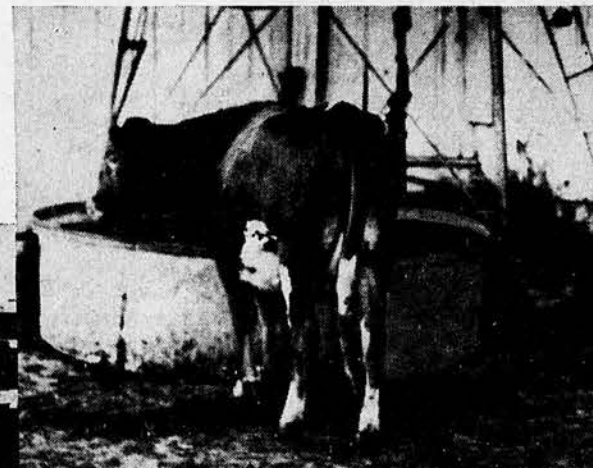
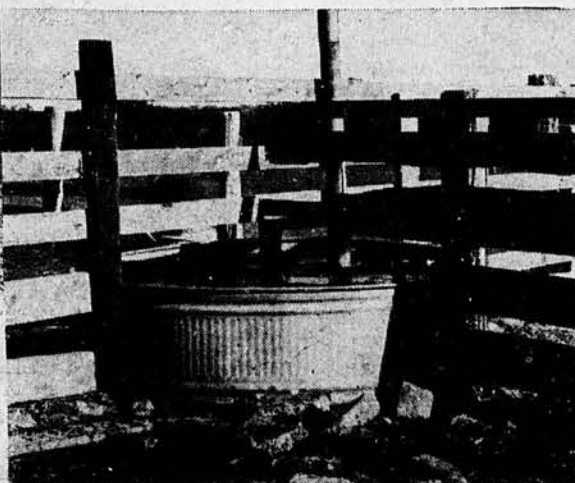


While this tank on the Albert Ackerman farm, Nemaha county, is well-protected, Mr. Ackerman, left, is telling Wendell Moyer, county agent, that it is too small for efficient use.



A tank inside the loafing shed is ideal. Here, Frederick VanDalsen, left, Brown county, tells William Duitsman, county agent, how his tank never freezes. The partition is to prevent crowding.

Crowding at the tank may discourage dairy cows from drinking enough. Foster Bertsch, Clay county, uses this arrangement to prevent crowding.



The Lambert-Dickerson dairy herd, Brown county, has protection on the north and west while drinking from this tank. Note concrete lot for better footing.

Will We Have Peace?

Clergyman's Impression of the United Nations Organization

By LAWRENCE E. SCHWARZ

Mr. Schwarz is pastor of the Westminster Presbyterian Church, Topeka, Kan., and chairman of the Synod's Committee on Social Education and Action. He recently attended a conference on world order in New York City where a study of the U. N. was made and some of our world statesmen were interviewed.

You have heard and read numerous opinions about U. N. Many of them discouraging. Here is a discussion that offers seven reasons for hope. I know your time will be well spent in reading them.—Raymond H. Gilkeson.

TWO years ago, the United Nations Organization was born in San Francisco. It was enthusiastically received, for men saw in it the hope for a peaceful world society. But months have passed, months in which we have heard much about differences between nations and little about the accomplishments of this infant institution. Our world problems need a speedy solution, but the U. N. moves very slowly. In a time when action is required, speeches are being made. As a result, some papers and people have lost their faith and enthusiasm. They are on the verge of discouragement and disillusionment. For a while, I shared this attitude. The U. N. fell so far below my expectations that I feared it would be inadequate.

A trip to New York has done much to revive my confidence. There I found answers for some of my questions. Faith needs a foundation of facts or it is not realistic.

What Has Been Done

What progress has the U. N. made? First, the U. N. has organized and established itself. Temporarily, its plenary (full) sessions are held at Flushing Meadows, the site of the recent world's fair. There, in the New York City building, "the town meeting of the world" is held. But the committees meet, and most of the work is done, at Lake Success. The large building which housed the Sperry Gyroscope Factory during the war has been remodeled and redecorated. But thanks to the Rockefeller family, a permanent site has been obtained on the east side of Manhattan. Buildings on it are now being razed and plans for the new buildings have been drawn.

The U. N. has also assembled its staff from member nations. About 2,000 people are employed at Lake Success. Besides the committees of the General Assembly, the members of the Security Council, the Economic and Social Council, and the Trusteeship Council, the International Court of Justice, and the Secretariat, there are translators who give simultaneous translations of speeches, listening thru headphones to words in one language and speaking into a microphone in another language. Visitors as well as the official personnel can hear the proceeding in English, French, Spanish, Chinese, or Russian. There are also many stenographers, research technicians, specialists in various fields, career statesmen, public relations officers, and members of the maintenance staff.

A Major Accomplishment

Besides obtaining buildings and personnel, the U. N. has adopted principles on which it will function. A visit to the legal committee meeting convinced me that this was a major accomplishment. There the by-laws were being reconsidered and interpreted. Important actions require a two-thirds majority of those present and voting. But what does that mean? Russia and her satellites wanted absentions to count as votes. A case was cited where a decision was made by a vote of two to one; all the other nations abstained from voting. Most of the other nations opposed this interpretation on the grounds that an abstention would always be a vote in the negative, and that would make it too difficult to secure the two-thirds majority needed by many motions.

But progress of greater proportions is being made in the Economic and Social Council. This is one of the official and important bodies within the U. N. Because its work is not sensational, it lacks the publicity values of a disagreement between the major nations. But

its work is so important that all of the nations are co-operating in a remarkable spirit of harmony. Within the Economic and Social Council are 9 general and 2 regional commissions: 1. Economic and Employment, 2. Transport and Communication, 3. Statistical, 4. Human Rights, 5. Social, 6. Status of Women, 7. Narcotic Drugs, 8. Fiscal, 9. Population, and regional economic commissions for Europe and Asia. These commissions are dealing with such subjects as a universal bill of rights, crime, welfare, reconstruction, economic stability (elimination of depressions), and the development of undeveloped areas.

The Economic and Social Council functions as a service agency. It offers the results of its research and its lists of specialists within given fields to nations which need and want its help. It has no authority to superimpose a program of its own. It lives, not to rule, but to serve, and therefore it has the good will and co-operation of nearly all the nations. Leaders of this Council are not at all satisfied with their progress, but they have made a start, and that is commendable.

Is the U. N. large enough for both the U. S. and the U. S. S. R.? John Foster Dulles assured us that the U. S. has no desire nor intention of forcing the Soviet Union out of the U. N. On the other hand, it is encouraging to find these two great powers actively participating in the U. N. There is a difference of approach between the two, however. Russia consistently prefers to make direct negotiations on im-

portant matters. In this way, Russia always has the power of the veto or its equivalent. Naturally, she prefers the method which gives her the most advantages. On the other hand, the United States wants to settle many important questions in open meetings. This is to our advantage, because the small nations usually support us. So it is not strange that the U. S. S. R. should oppose the formation of the Interim Council. It feels that this permanent agency of the General Assembly will encroach upon and weaken the Security Council. On the other hand, the U. S. wants the Interim Council because it will enhance the prestige of the General Assembly. If a complaining nation fails to get justice before the Security Council because of the veto, that nation should be able to bring its case before the Interim Council which will prepare the agenda for the General Assembly. If the matter is considered to be worthy, it will then be debated by the General Assembly, which in reality brings it before the high court of public appeal. Russia has threatened to boycott this Interim Council, but Mr. Dulles is of the opinion that Russia will reconsider her position when the Council actually comes into being.

Yes, There Is Hope

Are there grounds for hope in the United Nations? Because the nations retain their sovereignty and the major powers cling to the veto, the U. N. functions under a handicap from which our Federal Government fortunately is free. Despite this handicap, the barrier of language, the immensity of the task, the smallness of the budget, and the difference in ideologies and forms of government among member states, I still believe there are grounds for hope. If hope may have reasons, here are seven:

1. The member states send first-class representatives to the U. N. Some peo-



Lawrence E. Schwarz

ple think the Russian delegation is irritating at times, but no one would accuse its members of being ignorant. The fact that the various nations take the U. N. so seriously is salutary.

2. As long as people come together to discuss their differences, the chances are good that tensions can be reduced and agreements can be reached.

3. Because of the effectiveness of public debate upon the conscience of the world, Russia has shown signs of being increasingly co-operative in direct negotiations. The General Assembly, sometimes called "the town meeting of the world," may yet surpass the Security Council in importance.

4. The participation of the small nations is good. Their representatives like to make speeches as well as do those of the great powers. In the controversy between the U. S. and the U. S. S. R. over "war mongering," it was the small nations which forced the compromise.

5. When one considers the start the U. N. has made on a small budget, there is reason to believe that its influence and effectiveness can be increased as its resources are enlarged. The U. S. contributes 39.89 per cent of the U. N. budget, but our military establishments cost us 1,000 times as much as we contribute to the U. N. In fact, our military budget is 400 times as large as the whole budget of the U. N. We would be making a great saving if we could double our contribution to the U. N. and cut our military expenditures in half.

6. At the U. N. differences of race, creed, and color go unnoticed. Every man is an individual whose work it is to save the world from suicide and establish it on a firm foundation. His complexion is inconsequential. It is a thrill to eat in the cafeteria at Lake Success with people of other races and religions.

7. And finally, there is the hope of desperation. Repeatedly, our scientists are telling us there is no military defense for the atom bomb. The only defense, they say, is a moral and political offensive. It is up to the homes, churches, and schools to provide the moral offensive. These institutions can disseminate the truths upon which the U. N. must rest. Secretary Trygve Lie and others requested our co-operation in this matter. There is a Department of Public Information which sends posters, film strips, and other materials to officers of religious, civic, and cultural organizations.

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Continuing Mail & Breeze

Topeka, Kansas

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Alaskans Make Hit at Congress

By FLORENCE MCKINNEY

IT WAS a bit of surprise to find 3 Alaskan 4-H Club representatives at the National Congress. But there they were, 2 boys and a girl. The latter, Flo Alice Dinkel, lives at Wasilla in the Matanuska Valley. She says there are many 4-H Clubs in the far north no different from those in the United States proper. Her trip was paid by the Alaska Air Lines and the Spool Cotton Company. She wore a fur parka like the boys and they were much sought after for autographs.

Flo Alice was born in Nebraska, this making her a Midwesterner like the rest of us and in reality she talks and acts exactly like one. Her family moved up from Nebraska in 1937 about 2 years after the valley was opened for settlement. Her father is a farmer who owns 160 acres but not all the land is yet cleared. They raise vegetables, sell them to the co-operative which sells them to the Army at Anchorage.

Like a real farm girl she told of the kinds of vegetables which grow well and those that are not profitable.

Corn will not grow well in Alaska, at least in their valley, so they concentrate on potatoes, parsnips, lettuce, beans, peas, barley, oats, timothy and clover. She remarked especially about the number of dairy farms in her neighborhood.

She made a special point of reminding us that in her valley the temperature seldom gets below zero and that it was 52 degrees F. the day she left on the plane for the congress. At this season of the year it is completely dark when she comes home from school at 4:30. She has seen many baseball games played at midnight in midsummer. The summer daylight hours are long, this making the cabbages and other vegetables grow to enormous size. She and her family like the country, the people and intend to stay.



From Alaska, 3 delegates attend the 26th National 4-H Club Congress at Chicago. They are from left: Richard Manley Dangler, Seward, a poultry winner; Flo Alice Dinkel, Wasilla, clothing winner; Lynn Curtis Sandvik, Palmer, garden winner.

Best From 32 States

Seen at International Exposition in Chicago

KANSAS helped make the 48th annual International Live Stock Exposition, at Chicago, early this month a real show. Entries came in from 32 states and Canada, while people from all over the world visited the arena.

What they saw included some 5,585 head of cattle, 2,184 head of sheep, 2,007 hogs, and 809 horses. These animals represented 30 breeds of stock and it took 58 judges from 19 states, and one from England, to make the placings.

While the seniors had some 10,585 animals in the various classes of cattle, sheep, swine and horses, the juniors were there in force. Fourteen states were represented in the junior feeding contest; 886 junior exhibitors showed 1,199 steers, 78 barrows and 16 pens of lambs. In judging contests, 27 junior teams from 27 states tied the previous record, while 16 meat-judging teams from 16 states set a new record in this department. Stiff competition was seen in college circles, when 30 college teams from 29 states went thru their judging paces.

Many Grain Entries

Over in the grain and hay show, held in connection with the International, 19 judges from 11 states placed entries from 27 states and 5 Canadian provinces.

As you might expect, Illinois had the most entries with exhibitors from 63 counties, Iowa came second with 60 counties represented, then Indiana and Ohio. Prizes totaling \$100,000 were offered exhibitors.

Heading the list of judges this time was Richard S. de Quincey, of Bodenheim, Hereford, England. He judged all the individual steers. His qualifications include the fact that he is a prominent breeder and exhibitor of purebred Herefords in his country. Of special interest to us here in Kansas is the fact that our own Dr. A. D. Weber, of Kansas State College, Manhattan, judged all of the purebred Shorthorns.

Representing Kansas in the fat Hereford classes was Kansas State College, which walked off with a championship on junior yearling steer, and

the reserve championship for the breed. O'Bryan Ranch, Hiattville, earned several good placings on Hampshire hogs, including individual barrows, pens and carload.

In meat judging, our Kansas State College team was in the high dozen. In livestock judging the college boys from Manhattan pushed up to 8th place. Clair Parcel was high man of all on sheep. Our junior judges took 7th place for Kansas in all classes, Donald Collett being second-high man in judging hogs.

From the Wheat State

Showing hard red winter wheat from Kansas were: Harry W. Wetzel, Bellefont; George T. Clark, Sedgwick; Frank A. Pauls, Inman; F. Carl Dietz, Otis; Herbert L. Besthorn, Clafin; Howard E. Hanson, Eskridge; Robert Hilty, McDonald; Edward Ruffhead, Ness City; Maurice Pivonka, Timken; E. W. Underwood, Bird City; Floyd Manwarren, Mitchell, and Floyd Hilty, McDonald. Earl G. Clark, Sedgwick, had an entry in the soft red winter wheat classes.

Entering oats was Howard E. Hanson, Eskridge. Yellow dent corn entries were made by William P. Habiger, Parsons, and Ralph Bodine, Scranton. Robert Remington, Carbondale, entered soybeans, and Walter Schlickau, Haven, had some alfalfa seed score second place in competing for honors.

In threshed grain sorghum classes, we found entries from Howard E. Hanson, Eskridge, and F. W. Chamberlain, Carbondale. Mr. Chamberlain entered sorghum heads, as did W. J. Braun, Inman; Howard E. Hanson, Eskridge, and William P. Habiger, Parsons. Habiger and Hanson also entered hybrid shelled corn.

In prairie and other hay classes, M. S. Brechersen, of Welda, took a first place, and Z. A. Eaton, Chanute, took a second placing.

Senator Capper on Radio

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

Franklin County Girl Wins

LOIS CROOKS, of Pomona, Franklin county, was chosen one of 8 national winners in the home-beautification contest at the National 4-H Club Congress, Chicago. They were guests of Mrs. Charles R. Walgreen, of Chicago, sponsor of the project.

Lois, who is 19 and has worked in 4-H Clubs for 10 years, replaced a

rusty wire fence with a sturdy picket one. She cleared out dead trees and brush, covered the lawn with better soil, planted trees and painted.

She distinctly remembers V-J Day and celebrated with her family by working on the home grounds, the while, thinking of her brother still in the Pacific.



Here are the national winners in the home-beautification contest announced at the National 4-H Club Congress, held in Chicago November 30 to December 4. Standing at the right is the Kansas winner, Lois Crooks, of Pomona.



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Farm Matters

AS I SEE THEM

BY THE time you read this, Congress probably will have enacted, in addition to approving the "stop-gap" aid program as preliminary to the full-fledged Marshall Program (European recovery program), legislation extending Government control of exports for a full year beyond February 29, 1948.

Also, the extension of control for one year over rail transportation, which likewise was scheduled under existing law to expire next February 29.

What other controls, if any, over the domestic economy will be voted at this extra session of Congress is not certain at the time this is written. But they will not be many.

Price controls will not be voted, nor does it look now as if they will be enacted by Congress in the coming regular session, altho the pressure will be terrific from the Administration, backed by leftist interests and many consumer groups who honestly believe that Government price-fixing, without regard to inflated currency and rising production costs, can fix low prices and "hold the line" against inflation.

Very naturally farmers, who on the whole I believe have a clearer vision of the relation between cause and effects than some other groups, are opposed to reimposition of price controls unless costs also can be controlled but don't want either of them.

Business interests are pretty solidly against price controls and domestic allocations of goods and materials.

Labor, a large portion of which wants Government to fix price ceilings (or even roll them back), does not want wage ceilings fixed, nor any increase in the number of hours in the work-week at straight-time hourly wage rates.

You may have noticed that Soviet Russia, which has had very rigid government controls of all kinds, and as a permanent program, last week was forced to devalue its currency as the result of inflation. Stalin decreed a new currency. Old currency held by Russians will be turned in to the government at the rates of ten for one; that is, ten old rubles will get the holder one new ruble.

It is my guess that most other European nations will have to follow a similar course. And nearly all of these have "controlled inflation" by rationing and price ceilings and other facets of the "planned economy" held so dear by our own planners.

Of course, we are having an inflation of our own; or you might state it that we are having a taste of the world-wide inflation. And prices evidently are going to continue to rise for several months to come.

But we have this difference from most of the nations of Europe; most of the rest of the world.

In the United States we can, and are, producing enough food and enough goods to meet our own needs, if our domestic economy was geared to that kind of a program. It is largely our exports of foods and other goods and materials, to take care of the needs of those other nations (which cannot or are not producing enough goods for their own needs), that have brought about the current further increase in prices, particularly food prices. The basic factor in continuing high prices, as I have said before is, of course, the high rate of Government spending.

If Government continues its huge spending programs—\$40,000,000,000 a year by the Federal Government—and also expands its relief and recovery programs for Europe, the Orient, Latin America, and points between, our own inflation will continue, with higher and higher prices, higher and higher wages, and cheaper and cheaper dollars.

And that process will continue until the supply

of goods catches up with the demand for the goods. The danger, of course, is that American agriculture (and industry along same lines) will be geared to such a high point of production that when the exports (for which we are supplying much of the money foreigners are paying for these goods) start falling off, there will be sharp breaks in prices, followed by unemployment and a possibly very serious depression.

All I can state with a fair degree of certainty is that the fighting in Congress in the coming regular session, over the Marshall plan (ERP) and the administrative demands for all-out price and rationing and other controls, is going to be bitter, and there will come compromises—perhaps more compromises than I like to consider.

A Proud Record

I WANT to wish every Kansas farm family a Merry Christmas and a Happy New Year. Also, a thoughtful Christmas and a thoughtful New Year.

It seems to me we have reason for a feeling of satisfaction and well-being as the holiday season approaches. Kansas has had a good year. Farm folks in my home state have made a proud record during 1947. And every member of every farm family who had a hand in it, and all of you have, deserves great credit. You have earned the rewards you now enjoy.

I am not one to say, however, that you have been fully repaid for your efforts. It no doubt is true that you are in an improved financial position. It likely is a fact you have more savings than in earlier years. You probably are more nearly out of debt, taking the general average, than at any other time in recent years.

That, I assure you, is a source of satisfaction to the entire country, as well as to you and members of your families. But just to keep the records straight, I wish to point out here that you farm folks are earning all you get; you are not being overpaid for your efforts and your products. That is a point I shall stress to leaders in other lines of business at every opportunity. I want the non-farm population of this country to realize the truth of my statement.

For proof that you are not being overpaid for your efforts and your products, I turn to the official records of the U. S. Bureau of Agricultural Economics. The latest report from this department is in agreement with what I have said. It states that with farm income at a new high—both gross and net—farm people as a whole are better off than in many years. Of course, that isn't true of all farmers. Some, thru hard luck or conditions beyond their control, are in a tough spot. I sympathize with them. But fortunately most farmers are in very good condition.

Yet here is the point everyone should know and remember. Despite the present strong condition and position of agriculture, the income of farm people per capita is much below the average of non-farmers. I say that is proof farmers are not being overpaid, even knowing that farm income is well above parity income. The 1946 parity ratio stood at 168, compared to 88 in 1940, using the 1910-14 parity as 100. Parity should be revised.

However, the records show net income per person on farms is not only below the net income per person not on farms, but it has been below every

year since 1910. Actually, per capita net income of persons on farms last year was only 47 per cent as large as per capita net income of persons not on farms.

The present contrast in farm income is encouraging and interesting, I think. Last year farm people had the largest net income per person in history. That was 47 per cent as large as non-farm per capita net income. But in earlier years, net income per capita of farm people sank down to as low as 17 per cent of the per capita net income of non-farm people—that was in 1921 and 1932.

I mention these income figures as proof of my point that farmers are not overpaid.

Now, in years ahead we are going to face the difficult problem of keeping farm income in even this kind of balance with other income. It must be done. More than that, it must be improved. I think it can be improved. And as chairman of the Senate Agricultural Committee, I shall work toward that end. It is a very important goal. Bending our efforts in that direction, and keeping everlastingly at it, agriculture is bound to have many a Happy New Year ahead.

I added that I wish you a thoughtful Christmas and a thoughtful New Year. I say that because despite our problems, and despite some of the inequalities encountered in agriculture in these United States, this is the land of greatest liberty and opportunity and accomplishment on the face of the earth. It is good to think on these things.

You may not be overpaid for your hard labor and your quality farm products you market. Yet you and I have the freedom of opportunity to improve the per cent of income. We can go into business for ourselves—in farming or publishing papers or anything we choose—and run that business the way we choose. We meet the keen competition of other free men and women, and that only makes us more alert to our countless opportunities for improvement.

I think we all can be thoughtfully appreciative of our geographical location. Also, we are blessed with an abundance of land—451 million acres of cropland, 481 million acres in pasture, 166 million acres of farm woodland, in the United States. We find that about 60 per cent of the land in the U. S. is under farm ownership or lease. Therefore, the key to the welfare of this entire country is in the hands of farmers.

It is an encouraging fact that farmers generally know and appreciate their importance in the whole picture. That it is up to them to conserve this soil and keep it fertile. Fortunately our great soil resources are in safe hands; in the keeping of free men and women who are living up to their responsibilities.

We all can be thoughtful and grateful that all of the 200 or more crops grown are constantly being improved, that they offer wide opportunities in markets, and that research is finding more and more uses for products of the farm. I don't need to go farther in enumerating all that our country means to us in the way of freedom of action, opportunities for bettering ourselves, and the challenge of new accomplishments ahead.

It is with such thoughts as these that I come to the holiday season. We have a great country. We have a great people. With you I deeply appreciate these blessings. May we all be worthy of them and live up to them in the new year.

Arthur Capper
Washington, D. C.

Will Try New Foot-and-Mouth Agreement

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Mules that did not understand Spanish or Mexican; Mexican peons who did not understand Spanish; American veterinarians who did not understand Mexico and Mexicans, nor the impact on Mexican economy from the slaughter of beef and dairy cattle, hogs and sheep, and especially the dependence of the Mexican peon upon the ox for farm work; Mexicans who did

not understand when Mexican soldiers brought in American veterinarians to slaughter their animals by the hundreds of thousands—

This combination of circumstances, plus some other things, brought to an

abrupt end last month the joint campaign of the Mexican and the United States Governments to eradicate foot-and-mouth disease in Mexico by slaughtering, burning and burying infected and exposed animals. A new agreement

is being worked out between the two governments, by which it is planned to establish a "free zone" in Northern Mexico, where slaughter will be carried on in an eradication program, while in Central and Southern Mexico a vaccination program for the cattle, goats, hogs and sheep and an educational campaign for Mexicans, will be carried on simultaneously. It is hoped in the course

(Continued on Page 19)

Thin Soil Renewed With Sweet Clover

THE only thing wrong with sweet clover, according to L. R. Shufelt, Labette county, is that they didn't start using it soon enough. He recalls how 30 or 40 years ago, when he and his father were fishing, they noticed sweet clover had taken over in some of the waste land adjoining the stream. To many at that time it was only a troublesome weed. Mr. Shufelt remembers his father cautioning him not to let the stuff get started on their farm land or it would ruin it.

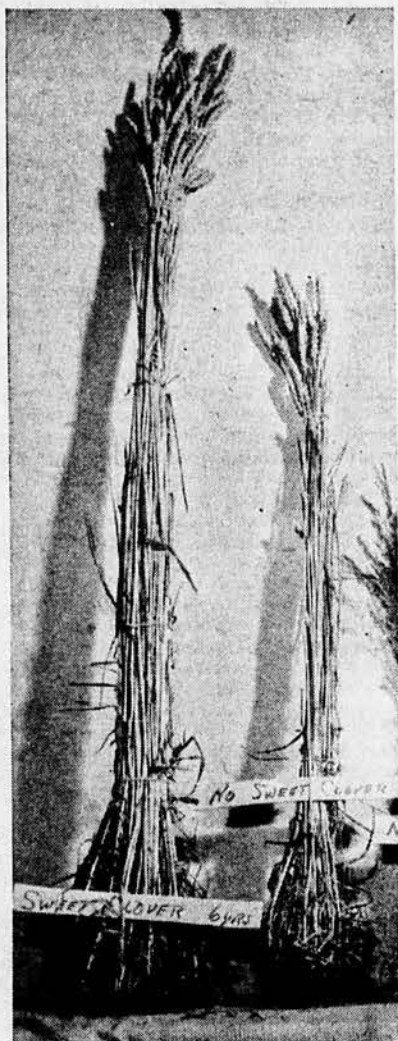
It has a good start on the Shufelt farm now and it isn't ruining it. Eight or 9 years ago he seeded sweet clover in a 6-acre patch. It was part of a 26-acre field that was not producing like the other 20 acres. After several crops of sweet clover that smaller field now produces better than the 20 acres. Last year wheat on the 20 acres made 7.8 bushels an acre. The 6 acres made 16.7 bushels. Sweet clover has built the ground up well enough for a row crop and he expects to plant it to corn.

Sweet clover is used for more than just soil-building on this farm. He ensiled some this year for his dairy herd. When pastures became dry last summer he used some of the clover silage for his dairy herd. To increase this forage crop he has found phosphate fertilizer a benefit. A fertilizer check on sweet clover last summer showed a remarkable increase. Without fertilizer it produced 750 pounds of dry hay an acre. With 50 pounds of 60 per cent phosphate the yield was 3,375 pounds. And that was on thin land.

On a better type of soil the dry hay yield without fertilizer was 2,225 pounds an acre. With the benefit of the same fertilizer treatment as in the other test, the yield jumped to 4,500 pounds of dry hay an acre. Both fields were phosphated and small strips left to check results of fertilizer.

Last spring Mr. Shufelt seeded 12 acres of Madrid sweet clover and will be in line for a seed crop next summer. This smaller, leafier clover should suit well in this dairy-minded county.

It is a safe bet that when Mr. Shufelt goes fishing now with his son, Robert L. Shufelt, who is a partner on this dairy farm, sweet clover in waste land is not pointed out as a weed.



This photo shows what happens to wheat on the L. R. Shufelt farm when it is preceded by sweet clover. The only difference in the 2 samples of wheat is that 6 years of sweet clover preceded the sample on the left. Mr. Shufelt says the wheat not only grows taller but has larger heads, too.

Farm Goals High for 1948

WITH continued need for high farm production, the U. S. Department of Agriculture is calling for 1948 goals that mean 9 million more acres of cultivated crops than in 1947.

Of first importance will be goals for feed grains—corn, oats, barley, and sorghums for grain. Also needed badly it is reported, will be wheat, soybeans and flaxseed.

Dairy production will remain about the same. Poultry flocks are to be culled 20 million below September goals and 8 per cent less egg production is sought. Production of meat at 1948-goal levels would total 21.3 billion pounds, or about 143 pounds per capita. Meat production will not be enough to meet full demand but represent the maximum believed possible in order to save the greatest amount of grain.

Kansas goals for 1948, with percentage comparison with 1947, are:

Crops (acres)—Corn, 3 million (118.9%); oats, 1,600,000 (108%); barley, 360,000 (100%); all sorghums, 3,650,000 (165.9%); grain sorghums (harvested acres), 1,400,000 (186.9%); wheat, 14,250,000 (97%); rye (harvested acres), 75,000 (131.5%); soy-

beans for beans (harvested acres), 207,000 (100%); flax, 125,000 (100%). The goals call for the same acreage in 1948 as in 1947 for alfalfa, red clover, Sudan grass and redtop; an increase of 25 per cent in sweet clover and 42 per cent in brome grass.

Livestock and livestock products—milk production (pounds), 2,923,000,000 (100%); milk production per cow (pounds), 4,610 (100%); milk cows on farms, 634,000 (100%); chickens raised on farms, 95%; turkeys, 88%; sows for spring farrow, 169,000 (95%); sheep and lambs (total at end 1948 compared to beginning 1948), 100%; cattle and calves (total breeding herd at end 1948 compared to beginning 1948), 100%.

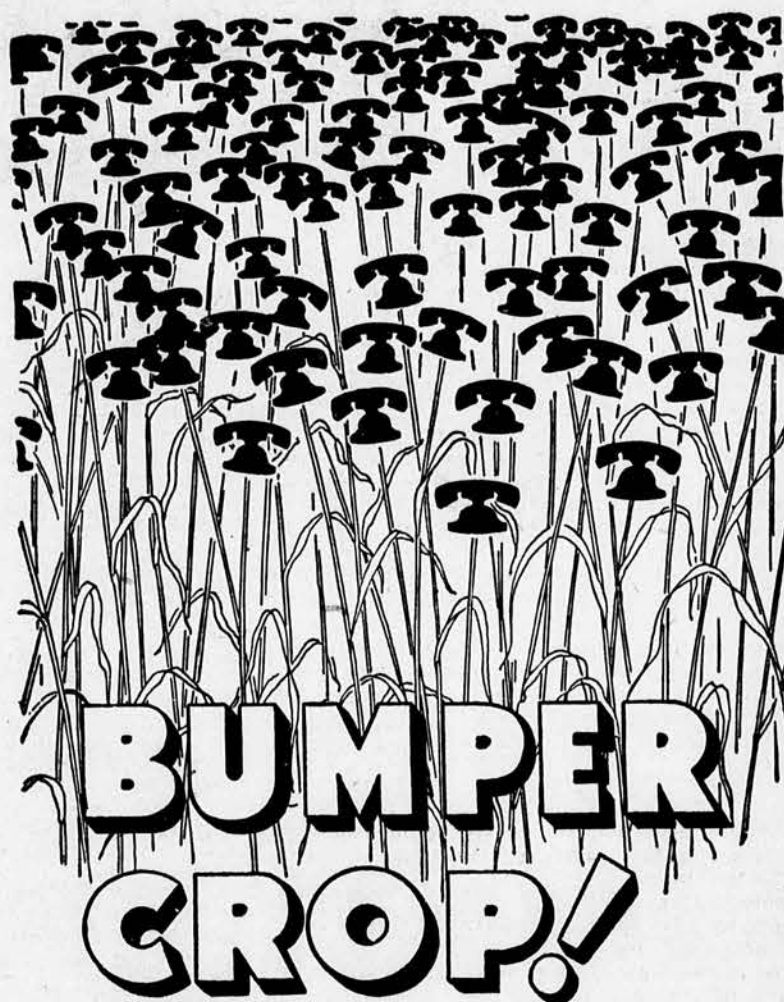
Hold Improvement Schools

A series of 22 farm- and home-improvement schools, under direction of the Kansas State College extension service, now is in progress. These are 2-day schools beginning with farm visits the first morning. Topics to be discussed are planning the farmstead, house planning, planning for electricity, farm homes versus city homes, water supply and systems, leakproofing basements, sewage disposal, wise buying, insulation, heating, farm freezer units, and methods of doing various tasks.

Schools still to be held include Columbus, December 16-17; Eureka, December 18-19; Elkhart, January 6-7; Meade, January 8-9; LaCrosse, January 13-14; Lyons, January 15-16; Atchison, January 20-21; Kansas City, April 16-17; Topeka, February 13-14; Osborne, February 17-18; Washington, February 19-20; Ft. Scott, February 24-25; Osage county, February 26-27; St. Francis, March 8-9; Ellsworth, March 12-13; Hill City, March 10-11; Marion, March 16-17; Emporia, March 18-19; Wellington, March 24-25; Medicine Lodge, March 22-23.

Plans for Children

"Making the Home a Place for the Child" is the title of a Kansas State College bulletin giving details on furniture and equipment for children. Parents of small children who are planning remodeling of a room or the home will find many helpful suggestions in this bulletin, especially as to equipment for the children. Kansas Farmer's Bulletin Service has a limited number of the bulletins for distribution. They are free.



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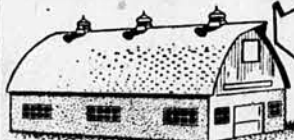


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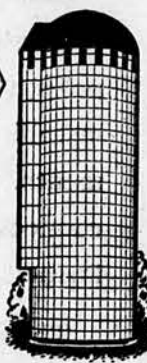
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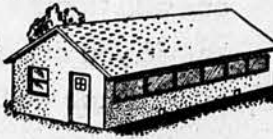
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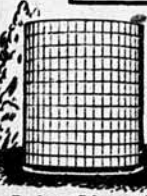
Poultrymen using "Dodstone" poultry houses claim higher egg production and greater fertility because of dry even temperature. Insulated floors slightly extra.

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We Use 10,000,000 Christmas Trees

By JAMES SENTER BRAZELTON

WHEN our forefathers wanted a Christmas tree they went to the woods and cut one. Now we go to the market and buy one. The Christmas tree business is not to be sneezed at for it has grown quite important commercially.

It takes about 10,000,000 trees annually to supply the demand in the United States. About half of these are cut from domestic forests and half are imported from Canada. Many Christmas trees are brought here by truckers returning from deer hunting in the north woods. As the hunting season ends on December 1, it makes it convenient for truckers to get their loads of trees on the market in plenty of time. In Michigan the bureau of plant industry requires that each truckload be accompanied by a bill of sale, and road blockades are established to check all shipments leaving the state.

Michigan is not worried about the Christmas tree trade endangering her forests. It takes only about 500 acres of trees a year to supply the Christmas tree demand, and most cuttings represent thinning from forest plantings. They like to cut a certain number of trees each fall to give the remaining trees more room to grow into timber. About 1,000,000 of the Christmas trees bought last year came from Michigan. That state has 19,000,000 acres which apparently are suitable only for tree production.

Not Always Welcome

In Irving's Sketch Book the author tells interestingly of the importance of Christmas trees in holiday celebrations of Old England. It was only a few generations ago that church folk in this country condescended to allow Christmas trees in churches. Nowadays every group, club, society or organization has its Christmas tree which becomes the center of an afternoon or evening of entertainment.

The two species of evergreens most frequently used for Christmas trees are balsam fir (Abies balsamea) and white spruce (Picea glauca). Of our native evergreens the hemlock is excellent for outdoor Christmas decorations, but quite undesirable indoors because it sheds its needles so quickly in room-dry atmosphere.

More different kinds of plants are used in celebrating Christmas than for any other of our national holidays. This is true even though Christmas comes at a time of year when most plant life is dormant. Carnations are symbolic of Mother's Day. The lily is for Easter. Cornstalks, pumpkins and apples are associated with Halloween. No particular flower is outstanding for Memorial Day. We are glad to use whatever we have.

Christmas would lose much of its expressive meaning were it not for the evergreens, holly and mistletoe that we use so lavishly in decorating our city streets, homes and tables. Many of these plants have been associated with Christmas for a long time. Some of them were used in celebrating pagan holidays in ancient Gaul and Britain long before Christianity spread to those places. In fact, the birthday of Jesus is observed with a strange mixture of customs from different lands and different times, many of them without any religious significance whatever.

Protection Against Evil

Bringing in the Yule log was one of the notable events of the 12-day Christmas merrymaking of the 16th century. The log was cut from oak and was placed at the back of the main fireplace on Christmas eve, to be burned as slowly as possible. It was always lighted by a piece of last year's log and was regarded as a protection against evil spirits. But if the log happened to go out during the festivities it was considered a very bad omen. The ashes from the log were scattered over the fields during Christmas week to assure good crops.

Holly is the one plant used at Christmas time that does have some religious significance. It is supposed to symbolize the crown of thorns and drops of blood of the Christ. The idea is a bit gory and quite incongruous with the spirit of merrymaking generally associated with Christmas. Of the many varieties of holly we are concerned at Christmas time with only a few. Ilex opaca is the well-loved American holly which, altho still found in the wild

stage here and there along the lower New England coast, is associated chiefly with the south.

Ilex aquifolium is the famous holly of England. It is grown successfully in the mild Northwest Pacific coast region whence its red-berried branches are shipped to other parts of the country for sale during the Christmas season. Heteromeles arbutifolia, commonly called Christmas-berry, is used on the Pacific coast for Christmas decorations.

As a Christmas plant the mistletoe probably dates farther back than any other for it was held sacred by the Druids, those strange, savage priests whose temples were hidden deep in the ancient woodlands of England. They attached great importance to it and invested it with the gracious qualities of keeping away evil spirits and of healing certain disorders. It is from these superstitions that the kissing privilege undoubtedly arose. Long ago mistletoe was used in Scandinavia as a divining rod to detect buried treasure.

The Legend of the Mistletoe is a famous myth about the Norse god, Balder, fatally wounded by a dart made from mistletoe; later restored to life when all things, including mistletoe, wept for him. As a reward, the lowly shrub, mistletoe, was lifted up to the high branches of a tree where it may be found to this day, so the story goes. However, the truth of the matter, as the botanist will tell you, is that the mistletoe is a parasite depending upon another plant for its livelihood.

Named for a Man

The newest plant to be added to the list of Christmas greens is the Poinsettia. This beautiful plant with its brilliant crimson flowers and vivid green leaves, gets its name from the man who introduced it into this country, who, strangely enough, was a statesman, not a botanist or a plant collector. The man's name was Joel R. Poinsett. After serving in Congress he was appointed U. S. minister to Mexico by President Madison and occupied that position from 1825 to 1829. He was a member of President Van Buren's cabinet and later wrote a book on Mexico and a history of the revolution. While he was in Mexico he admired a Mexican plant of the spurge family and brought it back home with him and botanists named it Poinsettia in his honor. It has been accepted gratefully by everyone and, because of the appropriateness of its red and green colors, takes its place along with spruce, holly and mistletoe in holiday decoration schemes.

The planting of Saint Barbara's grain is a quaint Christmas custom of the people of Southern France. On December 4, St. Barbara's Day, two plates are filled with grains of wheat and water and placed in a warm place and left to germinate. By Christmas Day the grains are sprouted sufficiently that the watchers can tell what the harvest of the coming year will be, for, as St. Barbara's grain grows well or ill, so will the harvest be good or bad.

In Sweden it is the custom of the peasants to scatter straw about their homes and churches during the Christmas holidays in commemoration of the bed of straw upon which the Christ child was supposed to have lain. This straw, they believe, becomes possessed of miraculous properties and it is carefully gathered up and saved when the holiday season is over. If fed to cattle when they are first sent out to pasture in the spring this holy straw will insure them against sickness. If scattered over fields and gardens it will make them yield more abundantly. In the light of present-day knowledge there is more science than superstition in this. The straw simply adds humus to the soil, increasing its productivity and water-holding capacity.

For the Quilter

Instructions for an easily made quilting frame are given in our leaflet, "My Handy Quilting Frames," which will be sent to readers upon request. Address a post card to Farm Service Editor, Kansas Farmer, Topeka, and it will be given prompt attention.

Need New Sweet Potatoes

Kansas Good Place for Growing Fruit

DESPITE threatening weather there was a good turnout at Manhattan, December 4 and 5, for the joint meeting of the Kansas State Horticultural Society and the Kansas Sweet Potato Association.

Sweet-potato growers were told by M. E. Kuhn, of the Kuhn Packing Co., Bonner Springs, that the market outlook is not good for the next 2 years. This is due, reports Mr. Kuhn, to a flood on the market in 1945 of poor-pack Southern sweet potatoes that have not moved off grocery shelves. Growers also are plagued with color preferences in the various markets, they reported, and find it difficult to sell their products against the highly-advertised yams from the South.

The trend in canned sweet potatoes is toward a small potato vacuum packed, says Mr. Kuhn, who also reports trouble with discoloration of potatoes after canning. "This must be overcome if canned sweet potatoes are to become popular with the housewife," he maintains.

Growers report they need new varieties to compete with the Southern yams, even tho they believe Kansas potatoes are equal in quality. Jerseys have given the best yields in the Arkansas Valley, they report, altho Red Nancy has been a good variety.

Need More Machinery

Problems that are holding down production in Kansas include lack of machinery for harvesting, lack of a marketing program, and lack of new varieties.

Fruit growers heard reports on experimental-spraying results in Northeast Kansas for codling moth and mites.

H. G. Swartwout, of the University of Missouri department of horticulture, gave results on spraying for certain apple diseases, cherry leaf spot and grape black rot.

M. J. Dorsey, of the University of Illinois department of horticulture, was the principal speaker. He told growers that lack of trained help is the biggest problem in the industry, and that too many phases of orchard work still have to be done by hand.

"Kansas has soil and sunshine that can't be beat for fruit production," he exclaimed. He told growers that much of the thinning job can be done thru pruning to save the trees, to aid fertility, improve quality of the fruit, and to cut down hand labor during the harvest season.

"It takes 340 peaches to make a bushel on a tree that has a set of 3,200 peaches," he explained. "If the set is cut down to 1,200 thru pruning and early thinning, 110 peaches will make a bushel and quality will be much higher."

That most fruit is picked too green also was maintained by the Illinois expert. "Quality of fruit generally could be greatly improved by picking at a

'firm ripe' stage instead of at a 'green ripe' stage, as now commonly practiced," he maintained. "Fruits picked at a riper stage will sell faster and keep almost as long if held at lower temperatures and not bruised in handling," he pointed out.

Plowing under vetch in the peach orchard has very beneficial effects, it was stated during a round-table session by Earl Stoughton, manager of the big J. S. Dillon orchards, Hutchinson. Mr. Stoughton reported that plowing under vetch increased the new growth of peach trees, increased the foliage and cut down dropping of leaves. Vetch also improved soil humus to a depth of 2 or more feet, and improved moisture-holding properties of the soil.

Big Invasion Next Year

Herb Drake, Kansas City, reported some damage this year from 17-year locusts and warned orchardists to be on the lookout for a big invasion next year. He got good control of locusts, he said, with heavy applications of BHC applied one week apart. He doubts, however, that control can be gained by this method unless the orchard is isolated. "Locusts injure the new growth on both apples and peaches," he stated.

F. E. Martin, of Salina, reported very good results in controlling cherry leaf spot on apple trees this year. He sprayed first with lime sulfur. Then, right after picking, he put on a heavy application of Bordeaux mixed 7-10-100.

Rockford Yapp, Manhattan, reported that where DDT had been used as an orchard spray over a 2-year period, he noted an increase of Forbes scale on apples. Mr. Swartwout, of the University of Missouri, reported a similar increase in San Jose scale.

Henry Skinner, Topeka nurseryman, reported stocks of cherries low but other fruit stocks in good supply. Prof. W. F. Pickett, of the Kansas State College department of horticulture, reported increased interest by amateurs in dwarf stocks.

All of this year's officers of the Horticultural Society hold over another year. New trustees were elected, however. The society now has added 2 new districts so the entire state is represented. Trustees elected were:

First district, James Etherton, Troy; second district, H. L. Drake, Bethel; third district, J. W. Titus, Caney; fourth district, Prof. R. J. Barnett, Manhattan; fifth district, Fred Martin, Salina; sixth district, Fred Hasler, Burrton; seventh district, W. R. Flanders, Ellsworth; eighth district, Earl Stoughton, Hutchinson; ninth district, Jess Vague, Norton.

Kelly Lewis, Topeka, was elected president of the Kansas Sweet Potato Growers Association. Bernard Lohkamp, Wichita, was elected vice-president; Albert Kientz, Wamego, treasurer, and Dr. O. H. Elmer, Manhattan, secretary.

Spike Jones Entertains 4-H-ers



At breakfast given by the Firestone Tire and Rubber Company, Spike Jones and his orchestra entertained the 1,500 4-H Club members, leaders and guests who attended the National Club Congress in Chicago, November 30 to December 4. Here he clowns for a group of 4-H girls after the breakfast entertainment.

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Quick Hitching

• No need to lift the front end of the Case tractor spreader, nor to prop it up. The self-hoisting hitch rests right on the ground while hooking up; lifts front of box when tractor starts ahead. Sliding clevis makes hitching quicker, easier, safer. It's so handy that daily spreading is really practical, whether you have big herds or only a few head.

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• Low wheels and low box make loading easier, faster, whether by hand or by mechanical loader. Self-hoisting hitch lets front of box down for still lower loading. This Case spreader backs into barns, pulls close to piles like a two-wheel cart. Sturdy steel frame, long-lived bearings and good lubrication give ENDURANCE—long life with low upkeep.

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• Spreader wheels are placed so weight of load aids their "ground-grip" until fully unloaded; full load adds weight to tractor wheels, aids their traction. Sharp beater teeth shred manure thoroughly; steadier apron travel assures even spreading. Geared for rubber-tired speed, this spreader makes practical the extra gains of thinner spreading on greater acreage.

See this Handy Sturdy Spreader. Let your Case dealer show you this stronger, more durable, more convenient spreader. Send for new booklet that tells how to make manure go farther, produce up to twice as big a boost in crop yields. Also mention any size tractor, any implements, haying, harvest machines you may need. J. I. Case Co., Dept. M-47, Racine, Wis.

CASE

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5 varieties all elicited well in 1947 in spite of a very poor oat year. Many amazing and unbelievable yields—85, 75, 80, 90, 95, 100, 102, 110, and up to 120 bu. per acre.

Varities for 1948 include New Canadian Beaver, Canada's latest and best, took Grand Champion at Chicago Grain Show, Dec. 1946; Colo—New Iowa Extra Heavy Oats; Mindo—New Minnesota outstander; Benton and Clinton—2 good ones.

Yield reports running 1, 2, 3, and some as high as 6 times more than many old varieties. Why such yields? (1) Disease resistant, stiff strawed, stood where many others went flat (2) Long heads make bigger yields. (3) Deep root system anchors plant, heavy stooling. (4) Abundant straw. Result—high yields and profit.

Looking ahead now can mean a fat pocket-book or checking account next fall.

Wm. Irvine, Dysart, Iowa, bought 40 bu. Beaver. Seeded 20 acres. Got 2,040 bu., or 102 bu. per acre. His Boone went 35.

Jay DeNeul, Cedar Falls, Iowa, put in 26 acres, got 95 bu. per acre, received \$3,592.00 cash for crop.

Get booklet entitled "Picture Facts and Yield Reports." Get Proof. Ask for free samples. Grow oats that multiply more for bigger yields and higher profits. Supplies limited. Send postal or letter today.

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The New DELCO TRACTOR BATTERY gives you what you want



YOU WANT LONGER SERVICE BETWEEN ADDITIONS OF WATER—



The new Delco tractor battery has 3 times greater reserve of electrolyte. Extra volume means lower operating temperatures, less danger from overcharging.

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The new Delco is built to withstand excessive heat, with new heat-resistant rubber separators, a new heat-resistant case and a special sealing compound. The extra electrolyte volume and new-type separators also protect against damage from overcharging.

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The new Delco has a tougher case, built to "take it," and a special sealing compound that won't crack under extreme vibration. Special plate strap shields safeguard against short-circuits from damaged grids or displaced active materials.

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Extra capacity for sure starting in all weather . . . deep finger ledges for easier handling . . . sealed-in cell connectors to minimize danger of short-circuits across battery top . . . "split ring" acid-level indicators on each cell to make proper filling easy.

THE NEW DELCO TRACTOR BATTERY MEETS ALL CONDITIONS OF FARM USE



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Own a KANSAS-MISSOURI SILO and GRAIN BIN

They lead the field in every essential feature. There is a reason. Our New Method of manufacturing builds Greater Strength—Beauty—Durability. Grain Bins that are Waterproof—Fireproof—Vermineproof at a cost of only a few cents per bushel.

Look for the White Silo and Grain Bin. There is a difference. Investigate before you buy. Concrete Water Tanks, Building Blocks.

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Topeka, Kansas, Ph. 2-2757
Write for particulars. Ask your neighbors. Come in and see us.

GOOD FARMING PAYS New Patent Greatly Improves Work

WESTERN SPROCKET PACKER & MULCHER

It pulverizes, mulches and firms soil deep as plowed BETTER THAN EVER BEFORE. Saves time, labor and horse-power preparing ideal seedbed. Leaves surface mulch without grooves, which greatly helps to prevent washing. This seedbed conserves moisture, saves seed because more of the seeds grow; and helps to increase yields of all crops. Great also for rolling in clover and grass seed and breaking crust on winter wheat in spring. Find out why it does the work so much better, easier and faster. Be sure you get the genuine WESTERN. Write for Catalog and freight-paid prices direct to you.

Western Land Roller Co., Box 836 Hastings, Nebr.

The Cover Story



Catherine Hart, left, smacks out a tune on the metal bars as Ronita Forsberg hugs her favorite doll. Roger Forsberg is completely absorbed in the problem of those wooden pegs.

CHRISTMAS just wouldn't be Christmas without children. So, for the Kansas Farmer cover and story this Christmas season we visited 2 Central Kansas farm homes to get a preview of how farm children will look and act, come Christmas morning.

Our first stop was at the home of Mr. and Mrs. W. Romaine Forsberg, in Saline county. Mr. Forsberg is farming the place on which he was born and raised. We found the 2 Forsberg children, Ronita Joyce, 4, and Roger Edwin, 13 months, entertaining a little neighbor girl, Catherine Marie Hart, 15 months old. Catherine is the daughter of Mr. and Mrs. Cletus Hart.

Since our Christmas pictures had to be taken early, Mrs. Forsberg and Mrs. Hart had to do some improvising to arrange the proper setting. For the Christmas tree they broke off branches from a cedar in the yard and tied them together. The ornaments for the tree were easy as the 2 women had been making Christmas tree ornaments in their home-demonstration classes. They did a good job of making a few broken branches look like the real thing. For toys they hauled out some from last year's holiday season and we were ready to go.

The kiddies were dressed in their night clothes and thoroughly enjoyed the excitement, altho little Roger was so active we had a hard time keeping him in the picture.

From the Forsberg home we drove over into Harvey county for a visit

with Mr. and Mrs. Harold Gingrass and their 2 sons, Lynn, 4, and Norman, 1. A Christmas tree was borrowed from a store in Newton and taken to the Gingrass home and decorations from last year used to trim it. The picture accompanying this story is the result of our visit.

An oil painting of the 2 boys can be seen above the fireplace. This painting was done about a year ago by Charles Sasportas, a New York artist who happened to be doing some other portraits in the neighborhood. The painting is a prize possession.

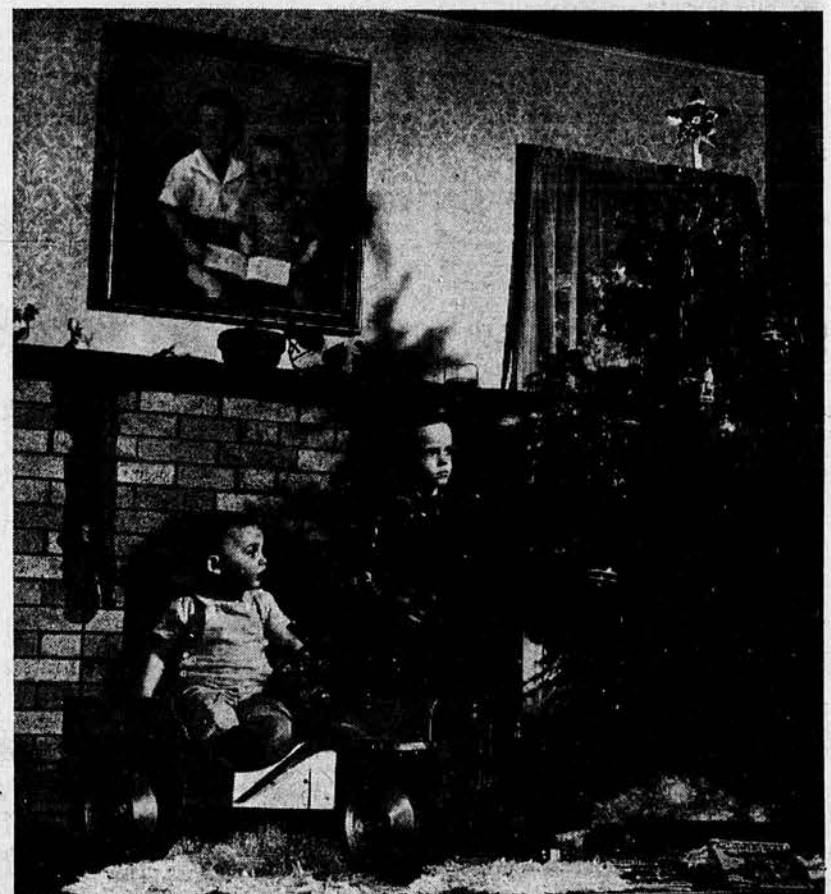
Mr. and Mrs. Gingrass have done one thing that we think would be a fine practice for other Kansas farm parents to adopt. They have named their place Nor-Lyn Farm for their 2 sons. Mr. Gingrass is a breeder of registered Polled Herefords and annually feeds out several carloads of lambs.

We hope readers of Kansas Farmer will enjoy our picture preview of Christmas on the farm as much as we enjoyed getting it.

Time for Oats

Timeliness in seeding oats is one of the most important factors in production of that crop, states E. A. Cleavinger, Kansas State College agronomist.

Early-seeded oats virtually always outyield late-seeded oats, says Mr. Cleavinger, who advises that oats should be in by March 1 to assure early maturity and high yields.



Lynn Gingrass, left, looks on as his brother, Norman, puts the finishing touches on the Christmas tree. Note the oil painting of them above the fireplace. Mr. and Mrs. Gingrass have named the farm Nor-Lyn in honor of their sons.

Farm Wives Teach School

By RUTH McMILLION

HERE are four farm wives who have taken on the added task of teaching school in nearby communities, due to the shortage of teachers. Each a full-time housewife and mother, they have two things in common. First, they are all homemakers. Their homes are attractive, pleasant and comfortable which invite harmony in the home. Second, as schoolteachers, their aim is to bring a better and fuller life to each child.

All these mothers have had children in school, which no doubt has made them realize the need for personal understanding. Their paychecks are nice but secondary. They are a credit to our rural communities.

Mrs. Dale Engler, wife of Clark county's Farm Bureau agent, was drafted last year and again this year, to teach and serve as school principal in the Sitka Consolidated school.

This was no easy undertaking last year for Mrs. Engler, as she had a 4-year-old son, Freddie, whom she had to take with her every day to school. This year she has a housekeeper and nursemaid for Freddie.

Last year Mrs. Engler did all her housework, helped with 4-H plays, drove 14 miles to and from Sitka each day, prepared a Christmas program,



Mrs. Orville Thornhill
... young with her pupils

tractive home which testifies that Mrs. Thornhill is a top-notch homemaker. Her husband farms 320 acres and runs livestock, also he works with the local elevator thru the winter. Bonnie Jean, who takes piano, band, voice and clarinet, started taking piano at 5½ years old. When Bonnie was in the 4th grade her mother was her teacher and Bonnie Jean was school pianist.

One would think all these projects and interests would be enough for one mother, but Mrs. Thornhill mothers each pupil in her school, yet she is young with them. She has 11 pupils and teaches all but the 6th grade. Her schoolhouse is decorated in each holiday motif, she prepares Halloween,

Thanksgiving and Christmas programs. Each spring she takes the whole school on a field trip. This means a whole day set aside for a trip to a print shop, a bakery, to see things of interest, or on a picnic. Mrs. Thornhill frequently drives out and brings all her pupils to night football games.

Last summer she and Bonnie Jean went to summer school together where Bonnie Jean took piano and clarinet. Bonnie now attends school in Protection.

The Girl Scouts, Eastern Star and community appreciate Mrs. Thornhill's efforts, but evidently her husband most of all. Last fall on her birthday she came out of her schoolhouse to find a beautiful blue 5-passenger 1947 Chevrolet car, a surprise gift from hubby.

Last year, because she was needed as a teacher, Mrs. Ray Simmons rode in from their 320-acre farm with her high-school teacher husband, Ray, and



Mrs. Ray Simmons
... a busy, happy family



Mrs. Iona Goodnight
... mother, teacher, sponsor

their son, Bobby, to teach the 3rd grade where Bobby was a pupil.

Keeping the home fires burning on the farm was Mrs. Simmons' 79-year-old mother, Mrs. Eva Perry, and their little 4-year-old daughter, Judy. Mrs. Simmons credits her mother's ready help with enabling her to teach.

When they were first married, Mrs. Simmons taught until after they had the children. Then she quit teaching only to serve as kindergarten substitute at Chanute.

In 1946 they moved to the family farm south of Ashland where Mr. Simmons took over the farm work, but continued his teaching thru the winter. This winter, due to her mother's poor health, Mrs. Simmons is not teaching.

Last winter their day began at 5 a. m., when they milked 4 cows. In the evening they arrived home about 5:30. Their home is a large, comfortable, 2-story farmhouse and Mrs. Simmons, assisted by her mother, kept it, made all their butter, started 400 baby chicks, attended all the teachers' meetings, taught in the Sunday school primary department while Mr. Simmons served as Sunday school superintendent. During the school year Mr. Simmons either drove in to sell tickets at night football games or took tickets at all basketball games and drove his car to all out-of-town games. There was a busy household but a happy one. If more tasks presented themselves they arose earlier or retired later. Mrs. Simmons said they were never late to school, in fact everyone knew they were from the country because of the fact they were always early. That typifies their conscientious zeal.

Bobby's reaction to having his mother as his teacher was one of pride. He would call her mamma, and other children gathered around would absently do likewise. Mrs. Simmons wears well, and during the entire year the family radiated a sincere geniality which was gratifying to those working with them.

Mrs. Iona Goodnight, of Englewood, is the wife of farmer-stockman O. G. Goodnight, who runs 2,000 acres of grassland, farms 300 acres and has stock cattle. Also, she is the mother of 6 children—5 boys, the two oldest being twins, and the youngest child a pretty 12-year-old daughter, Lila Lee. Yet Mrs. Goodnight has taught home economics and science in the Englewood high school for 6 years.

During the war she served as a teacher and was school principal in addition. But now she merely teaches, directs the junior and senior plays, has the junior and senior banquets, serves as the connecting link between the P. T. A. and school in regard to the hot-lunch project, collects the 20-cent fee from each pupil lunching, and approves the menus and always serves as a class sponsor.

Mrs. Goodnight's household is a busy one. She arises at 6 a. m., and everyone co-operates. At school Mrs. Goodnight is called Mom by her children, Aunt Iona by her nieces and nephews, and Iona or Mrs. Goodnight by others. Mrs. Goodnight has taught each of her children and they declare that mother is harder on them than the other teachers, yet each want her as their class sponsor.

Her twin boys are now on Midway in the Navy but will be discharged in January. One is a movie operator and the other a storekeeper.



Mrs. Dale Engler
... each day a good one

had two box suppers, taught art, tonette band, and ended up a most successful year with an operation in the Dodge City hospital.

This kind of schedule is nothing new for Mrs. Engler, however. During the war, while her husband was in the European theater, she taught the winter of '44 and '45 at Santa Marguerita, Calif. At that time Freddie was only 2, but she took him with her. She fixed a play pen for him and ran home for his milk since she lived nearby.

Mrs. Engler is dauntless. During the war Mr. Engler was transferred to California with the forces. She and Freddie drove out. From Topeka to Denver she had 5 flats and the entire trip was almost a nightmare; no place to sleep, no place to eat, and she ended up the troublesome pilgrimage only to arrive in San Luis Obispo 1½ hours after VJ-Day, and Dale, along with all other soldiers, was restricted to his barracks.

She has better luck driving to school, however. She has never been late a day in her 2 years of teaching or when teaching prior to this. Mrs. Engler is very much interested in making each school year a good one for her pupils and puts her whole soul into making each day with them a good one. When she arrives home in the evening her school day is not done. Young Freddie, who knows what it is all about, keeps her busy playing school with him.

Mrs. Orville Thornhill lives in Protection, with her farmer husband and 12-year-old daughter, Bonnie Jean. Altho a full-fledged housewife, Mrs. Thornhill answered the call to teach during the war, and at present drives 5½ miles to and from her country school each day.

Mrs. Thornhill's day begins at 6:30 a. m., and rushes on until about 11 o'clock at night.

The Thornhills live in a most at-

Labette County Highly Honored

A GIRL 4-H-er from Labette county was chosen a national winner at the 4-H Club Congress this year at Chicago. Betty Jean Williams, of Oswego, won top honors in the home-improvement contest sponsored by Sears, Roebuck. Betty Jean is a member of the Stover Steppers and right now is teaching her third term of school, this year the first 4 grades at Labette. During the summers she attends school at Pittsburg State Teachers College, working toward a life certificate. Her aunt substituted for her while she took time off to attend the national congress.

She is a charter member of the club and is secretary this year. She says she has held all the offices except president and vice-president. She takes an active part in dramatics and her club has taken several blue ribbons on their productions.

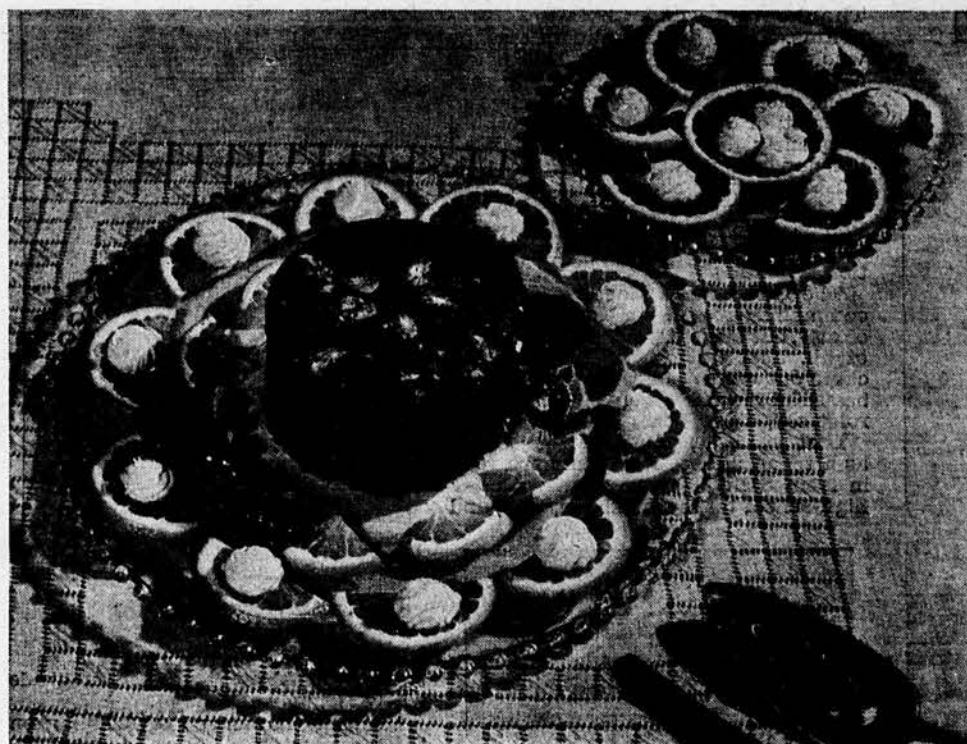
In 1944-45 she refurnished her bedroom, made curtains, bedspread and doilies on which she won a county blue-ribbon award. When she was 12 she was doing such things as stippling linoleum and doing considerable sewing.

She has carried food projects for 5 years, clothing and junior leadership for 5 years, dairy for 2 years, poultry 2 years, home beautification for 3 years, food preservation and gardening 1 year each.

She planned her small brother's bedroom in its entirety. She painted the woodwork, filled, varnished and waxed the floor, repapered the walls and ceiling. She "beheaded" the old bed and made it lower, built a closet from orange crates, refinished an old dresser and made a bench from an old trunk. Betty Jean made 39 home-improvement articles, completed 25 projects.



Betty Jean Williams, Oswego, receives award from E. J. Condon, assistant to president of Sears, Roebuck Company. Betty Jean was chosen a national home-improvement winner at the National 4-H Club Congress in a project sponsored by the company.



Left: A fruitcake either light or dark is just the thing for an afternoon party, served with tea or for a gift to some good friend.



A Merry Christmas To You

By FLORENCE McKINNEY

CHRISTMAS is a time of tradition, of church service and choir singing, of Santa Claus, glistening trees and surprise gifts. Christmas is a day especially planned for little children. Christmas for the young people lies as much, or even more, in the anticipation and preparation as in the celebration of the day itself. Anticipation increases when they help in the planning and the doing. Decorating the tree, decorating the cookies, cutting the nuts for the fruit cake, wrapping the gifts . . . these are the things which bring anticipation to the bursting point.

The Holiday Cake

A dark fruitcake or a light one . . . either is especially nice for a party . . . with tea it will be just the thing for a Christmas or New Year's afternoon get-together.

- | | |
|-------------------------------|-----------------------------------|
| 1 3/4 cup sifted cake flour | 1/2 cup citron, finely cut |
| 1 teaspoon baking powder | 1/2 cup seedless raisins |
| 1/2 teaspoon salt | 1/2 cup blanched almonds, chopped |
| 1/2 cup shortening | 3/4 cup shredded coconut |
| 1/2 cup sugar | 1/2 teaspoon almond extract |
| 1/4 cup milk | 1/2 teaspoon vanilla |
| 1/4 cup candied cherries, cut | 5 egg whites |

Sift flour once, measure, add baking powder and salt and sift together 3 times. Cream butter, add sugar gradually and cream together until light and fluffy. Add flour alternately with milk in small amounts, beating until smooth. Add fruits, nuts, coconut and flavoring. Mix well. Beat egg whites until they hold up in peaks. Stir quickly but thoroughly into the batter. Bake in greased loaf pan about 9 by 5 by 3 inches, lined with oiled paper, in a slow oven (325° F.) for about 1 hour and 35 minutes.

The Holiday Salad

For either Christmas, New Year's or any day between, this pretty salad will be suitable.

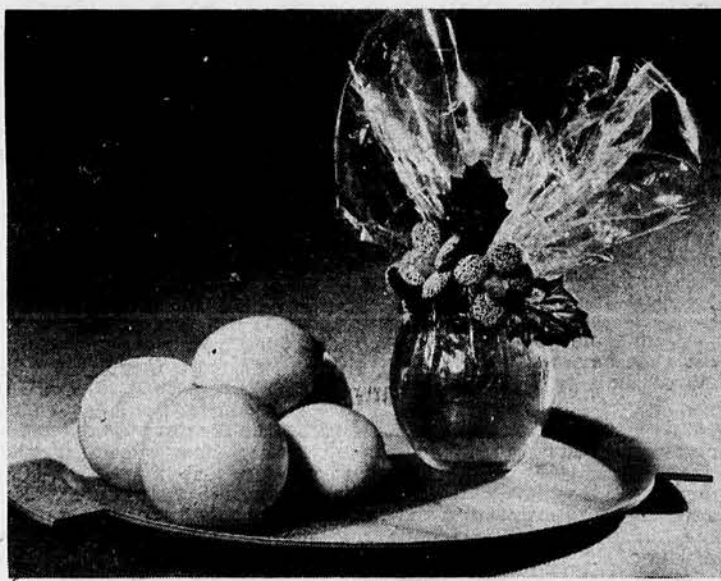
Circle 10 or 12 orange slices on each salad plate, lapping one over on the next. Center this orange circle with a cluster of cranberry holly. Serve with sweet French dressing. Here is the way to make the cranberry holly:

Cranberry Holly

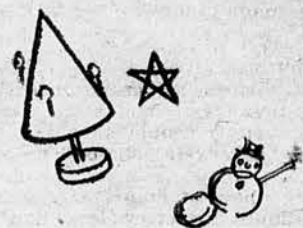
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| 1 cup cranberries | 1/2 cup sugar |
| 1/2 cup water | |

Cover cranberries with sirup made by combining sugar and water. Let stand 5 minutes. Cook uncovered over very low flame for 7 minutes, basting berries constantly with sirup. Cool.

Place several glazed cranberries in center of



Above: The orange-cranberry salad should grace the dinner table on Christmas day. Cranberries are glazed.



Left: Orange marmalade is a favorite for breakfast toast on cold winter days. For gifts, pour into decorative pottery jars.

CHRISTMAS EVE GUESTS

Holly wreaths and mistletoe,
Candles from the fireplace glow.
Christmas tree in splendor stands
All arranged by willing hands.

Damask pressed with satin sheen,
Crystal sparkles, silver gleams,
Tasty, spicy, holiday food,
To complement the Christmas mood.

In the gift and carol sung,
Children's laughter and their fun.
Love encircling all held dear,
Holiest night of all the year.

By these symbols we attest
Christ is here, the honor guest.

—Camilla Walch Wilson.

orange ring and place a few sprigs of green celery leaves or mint or parsley around them to resemble actual holly leaves.

Sweet French Dressing

- | | |
|---------------------|----------------------------|
| 1/2 cup lemon juice | 1/2 cup red jelly or honey |
| 1/2 cup salad oil | 1 teaspoon salt |
| | 1 teaspoon paprika |

Blend all ingredients in a glass jar with a tight lid. Keep in a cool place. Makes 1 1/2 cups.

Orange Marmalade

It is easy if expense doesn't matter, to go out and buy gifts for our friends, have them wrapped and mailed. But the gifts that really mean the most are home-planned and homemade, often made in the kitchen. Jams, jellies and homemade cookies fall into this class. Fill a basket with fruit, rosy-red apples, golden-hued oranges . . . then cover the fruit basket with clear cellophane.

Wrap a jar of orange marmalade in much the same way. Something special in the way of containers for the marmalade, will add both interest and appearance. Choose some attractive, smooth pottery pieces that can be used for decorative pieces long after the marmalade is gone. Here we offer a safe recipe for orange marmalade.

- | | | |
|-----------|----------|-------|
| 4 oranges | 3 lemons | sugar |
|-----------|----------|-------|

Slice the oranges and lemons into tiny pieces, long and slender. Add [Continued on Page 13]

Seen—Heard—Felt

Observations at the 4-H Club Congress

THERE'S enough to see, hear and feel in 5 days at the doings of the 4-Hers who attend the National Club Congress to last for months. It's excitement from the first minute one lands with the baggage at the Dearborn station. First thing we saw was a circle of Kansas winners with the inevitable sunflowers pinned in coat lapels. In a hurry, we were introduced to each one by Roger Regnier, assistant state club agent, who was chaperoning right at that minute.

The Stevens hotel, headquarters for the 1,500 young folks and their leaders, swarmed with busy, hurried boys and girls for the next 5 days. But, mind you, everything was orderly and the schedule ran with split-minute precision.

The Firestone breakfast, the first big meal together, called for early rising and standing in line at the Grand Ballroom. We couldn't beat the young people, so eager were they for their meals. There was, however, a pay-off for the early risers, for the first there got seats close to the speaker's table and the entertainment stage. And the speakers and the entertainers were so good that it's no wonder they lined up early.

From the first day, potatoes appeared on the breakfast plates. But that's not all, for otherwise they were enormous meals. Wondering about the eating habits of those from far-off places, we inquired about breakfast menus on the home farms. Surprisingly enough, few had potatoes for breakfast but one boy from Wyoming said they very frequently served steak. It's a far cry from the average city man's breakfast of orange juice, toast and coffee.

One rosy-cheeked boy, younger than most, and from North Carolina, was there as a winning cotton grower and talked glibly about pounds to the acre and long-staple varieties. He'd never been out of North Carolina and had never been on a train before. What a thrill it must have been to land in Chicago, of all places, on the first major trip made in his young life.

Sears, Roebuck Company brought Bob Burns all the way from Hollywood as a surprise at the Wednesday morning breakfast. And what a surprise! The young people cheered so loudly that the crystal chandeliers swung a bit, or so we thought. He brought a new supply of homespun farm stories to amuse the crowd and had his picture taken with those interested. It was a success.

Singing in the bus on the homeward trip to the hotel from the Trianon Ballroom was a new experience for the

bus driver. We thought he would be irritated with this unusual innovation, but, to our surprise, when a lull came after, "White Christmas," we heard him say, "Start another, it's a long way yet." So then, someone started "Onward, Christian Soldiers," and the young voices filled the bus with their song. Thus we rode thru the dark, misty streets of America's second city.

It seemed to us that those who do the planning for the Congress always achieve a good balance between pure entertainment and the serious business matters. The young folks didn't get anything inspirational nor educational from Bob Burns nor the 4 tap dancers, but it was fun. And they did learn a lot of things about one another and the ways of the world in their conferences.

Every day they spent several hours in small huddles where they discussed, under eminent guidance, the questions of the world today, everything from the problems of world government to whether radio is less partisan than newspapers. We walked into such a huddle where we heard all sides of a discussion on whether or not legislation follows after public opinion.

We just wished over and over that we had had a better opportunity to hear about such thought-provoking questions when we were their age. It was no surprise to hear some extremely-vocal young folks, some who think soundly and talk well. The best were sifted out for a final round of discussion over the loudspeaker, before the entire crowd. They performed so well, their parents would have been mighty, mighty proud and pleased.

Tho we neither saw nor heard evidence of it, we believe that the boy from North Carolina gets something of value by eating breakfast next to a boy from a Hereford ranch in Wyoming. Just as we thought, they were soon right in the middle of their projects, North Carolina cotton varieties and those water-saving dams on the Wyoming ranch. Nothing but good can come from healthy exchange of ideas such as that. There should be more of it.

Mothers and fathers don't need to worry about the welfare of their offspring while they attend the Congress. They behave themselves—we know, because the hotel management told us so. And moreover, they mentioned the contrast between the 4-H delegates and some other young people's groups they have housed and fed. They made no unusual demands, they were polite everywhere, in other words, they gave a good account of that rearing that mother and father have tried to instill in them for all the years of their young lives.

A Merry Christmas to You

(Continued from Page 12)

3 pints of water to the sliced fruit and let stand overnight. Next day cook the mixture until tender. This will take about 30 minutes. Let stand overnight. On the third day, add 2 cups of sugar for every 2 cups of fruit. Cook to the jelly stage (about 10 minutes). Pour into sterilized jars and seal while hot.

Orange Sugared Nuts

Salted nuts are fine, but orange sugared nuts . . . well, they're different and this recipe will not fail. A packet of these wrapped gaily in clear cellophane will suit most any young friend.

1½ cups sugar 1 teaspoon grated
½ cup orange juice orange peel
2 cups nuts

Cook sugar and orange juice to the soft ball stage. If you have a candy thermometer, cook until it reaches 240° F. Remove from the heat and add orange peel and nuts. Stir until sirup begins to look cloudy. Before mixture hardens, drop by spoonfuls on paper.

The Egg Surprise

If you have plenty of eggs and some of your town friends yearn for good fresh eggs, here's an idea. Buy the brightest-red sink-strainer, or red-enameled basin you can find and fill it with fresh eggs. Such a gift will be appreciated by any non-farm friend.

Fruit Roll Candy

To prevent eating too many sweets during the holidays, this candy is a boon. It's full of real food value and not too sweet.

½ pound prunes ½ pound figs
½ pound dried ½ pound raisins
apricots boiling water
½ pound dried ½ cup honey or
peaches orange juice
½ pound dates coconut

Soak the prunes, apricots and peaches in boiling water for about 5 minutes to soften, then put them thru the food chopper. Grind the remaining fruits and put the 2 mixtures together. Bind them together with either orange juice or honey and mix thoroly. Shape into rolls about 2 inches thick and roll in shredded coconut. Wrap in waxed paper and keep in a cool place. Slice and serve.

To Store Woolens

The 2 chief moth-prevention aids are mothproof boxes, chests, closets and chemicals in the form of crystals and sprays. Without the chemical treatment, eggs stored with the clothes will hatch and make moth holes no matter how tight the container. Without the airtight container new clothes moths will lay their eggs just as soon as the chemical wears off.

PLENTY OF TIME FOR
RICH RAISIN BREADFLEISCHMANN'S Dry Yeast—
no need to keep it in the ice box

Menfolks have a hankering for fancy bread? Now—with Fleischmann's Fast Rising Dry Yeast you can bake it in "hurry-up" time . . . any time! It's always there when you need it—stays fresh in the cupboard for weeks. IF YOU BAKE AT HOME—dissolve according to directions. Then use as fresh yeast. Get Fleischmann's Fast Rising Dry Yeast today. At your grocer's.

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This Home-Mixed
Cough Syrup Is
Most Effective

Easily Mixed. Needs No Cooking.

Cough medicines usually contain a large quantity of plain syrup—a good ingredient, but one which you can easily make at home. Take 2 cups of granulated sugar and 1 cup of water, and stir a few moments until dissolved. No cooking! No trouble at all. Oryou can use corn syrup or liquid honey, instead of sugar syrup.

Then get from your druggist 2½ ounces of Pinex, pour it into a pint bottle, and fill up with your syrup. This gives you a full pint of wonderful medicine for coughs due to colds. It makes a real saving because it gives you about four times as much for your money. It lasts a long time, never spoils, and children love it.

This is actually a surprisingly effective, quick-acting cough medicine. Swiftly, you feel it taking hold. It loosens the phlegm, soothes the irritated membranes and makes breathing easy. You've never seen anything better for prompt and pleasing results.

Pinex is a special compound of proven ingredients, in concentrated form, a most reliable, soothing agent for throat and bronchial irritations. Money refunded if it doesn't please you in every way.

"How to Save on
Farm Income Taxes"

There are up to 200 items which farmers usually forget to take off on their income tax reports, and which costs them from \$25 to \$500 more than they would actually need to pay.

These often-forgotten items are listed in one chapter of our "Farmers Income Tax Digest". Other chapters include money-saving, step-by-step, ways of figuring your taxes on either the Cash or Accrual Basis, Determining Capital Gains and Losses, Setting Up a Depreciation Schedule, and a Sample Tax Schedule correctly filled out.

It is written especially for farmers and applies to all methods of farming in all sections of the country.

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HOWARD RASMUSSEN, Tomah, Wis. KF.

Now She Shops
"Cash And Carry"

Without Painful Backache

Many sufferers relieve nagging backache quickly, once they discover that the real cause of their trouble may be tired kidneys.

The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 8 pints a day.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

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INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

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CHEST COLDS

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MUSTEROLE

Labette County Girl Wins Honor



Almeda Stevenson, 18, of Mound Valley, wears a well-fitting brown and white wool suit, bright green blouse and bag that she made for \$17. It's at least a \$50 value. These were made in her 4-H clothing project work and helped her win a trip to Chicago to the National 4-H Club Congress, and a college scholarship.

LABETTE county is proud of Almeda Stevenson, of Mound Valley. She won a trip to the National 4-H Club Congress at Chicago and a \$200 college scholarship to continue her college career. Right now Almeda is a freshman at Kansas State Teachers College, at Pittsburg, where she is majoring in home economics.

She was chosen as one of 12 girls from over the United States, and was given the trip and the scholarship by the Spool Cotton Company for outstanding work in clothing construction. She wore the soft brown and white wool suit on which she was awarded a blue ribbon both at the Topeka Free Fair and the Kansas State Fair. With it she modeled a circular shoulder handbag of Kelly green and a jersey blouse of the same color.

She is 18 years old now but has been sewing for herself and other members of her family for 6 years. She won her Chicago trip not for the suit alone, but on her complete clothing construction record. She has won a total of \$23 in prize money at fairs in the 6 years. In 1946 and 1947, at the county achievement banquets, she was chosen as the most outstanding 4-H girl. She is preparing to be a home economics teacher.

Winner's Recipe

VIVIAN WARNKEN, of Reno county, the champion bread baker of Kansas, appeared on the cover of Kansas Farmer in the October 18 issue. She received the Capper award for being the best bread baker at the Kansas Wheat Festival held during Kansas State Fair week.

We asked Vivian for her recipe and she sent it to us in her own words. She says she usually starts the bread about 10 o'clock in the forenoon so the family can have hot rolls for supper. Here is what she says:

Prize Bread Recipe

1 quart milk	5 tablespoons lard
1 cake compressed yeast	4 tablespoons sugar
½ cup lukewarm water	12 or 13 cups flour
	4 teaspoons salt

Scald the milk and put the 5 tablespoons of lard in the hot milk. Cool until lukewarm. Put 1 cake yeast in one-half cup lukewarm water and leave until the yeast is softened. Stir the yeast into the milk and lard mixture. Be certain, tho, that the milk is just warm to the touch. Add the sugar

and salt. Beat well together until smooth and then add enough flour to make a fairly-thick batter. Beat until all lumps are gone. Cover tightly and set in a warm but not hot place. Let it set until it bubbles and rises a little. This will take about 1 or 1½ hours.

Beat well, then add flour enough to make a soft but not sticky dough. The total amount of the flour in the whole recipe should be about 12 or 13 cups. In this step be sure not to add too much flour. The dough must be very soft, but still stiff enough to handle.

Take bread dough out of the bowl and knead 15 to 20 minutes, until the dough has a waxy appearance. This long kneading makes a very fine texture. Put dough back into bowl and cover tightly. Set in a warm place again until it rises double or more. Then punch dough down in a bowl and cover again. Let rise until double or more in size.

Take out of bowl and cut in 4 equal parts. Knead each part and make 4 loaves of bread or 3 loaves and 16 rolls. Grease the pans, make the loaves and rolls smooth on top and place in pans.

Set bread in warm place and let rise until double or more in size. Cover with a cloth while this process takes place. Bake in a hot oven (450° F.) for 15 minutes, then at a moderate temperature (350° F.) for 45 minutes for bread. The rolls should be done in about 30 minutes.

Sometimes I make cinnamon rolls or butterscotch rolls from this basic recipe.

Look on Kitchen Shelf

'Tis strange, but the kitchen shelf offers remedies for quite a number of accidental spills about the house. Cornstarch or corn meal are excellent for absorbing liquids spilled on rugs, upholstery or mattresses where washing or soaking is not possible. The trick is to absorb the liquid immediately to keep it from soaking in and spreading.

For blood, a thick paste of cornstarch and water is recommended by the textile chemists of the U. S. Department of Agriculture. Allow the paste to dry on, then brush off and repeat until all the stain disappears. For grease spots, make a similar paste of cornstarch and cleaning fluid.

To remove chewing gum, call on either ice or egg white from the kitchen. If the gum is on fabric which will not water spot, rub it with ice. This hardens the gum enough so that it can be scraped free. Egg white will soften gum, so it may be washed off with soapy water.

Baking soda from the kitchen shelf is first aid for acid stains that may discolor fabric. Prompt treatment with soda will neutralize the acid and prevent damage and stain.

County Agents Honored

Three Kansas county agents were given distinguished-service awards in Chicago at the annual banquet of the National Association of County Agricultural Agents, held concurrently with the 4-H Club Congress. They are J. A. Hendriks, Anderson county; Kimball L. Backus, Wyandotte county; R. W. McBurney, Graham county.

The distinguished-service awards are made to agents each year on the basis of their years of outstanding service to farm people in their counties. Not more than 2 per cent of the 3,000 agents can receive such awards each year.

Home Agent Honored

Grace Brill, home-demonstration agent, Harvey county, was given a certificate of award for distinguished service at a meeting of home agents held in Chicago concurrently with the National 4-H Club Congress. Home-demonstration agents from 26 states received these awards this year.

4-H Winners Do Some Serious Thinking



A typical discussion group in action at the National 4-H Club Congress. Here discussing world government are young representatives from Texas, Connecticut, Florida and New Mexico.

A Healthful New Year!

By CHARLES H. LERRIGO, M. D.

NEW YEAR resolutions for health are better than the ordinary line if only for one reason—the definite realization that better things are possible, and you are doing something about it. Such resolutions are indisputably profitable. Admitting the general rule that resolutions are of value only if rigidly observed, we yet see a difference in health resolutions, for the very making of them is a mental lift, and their operation, even in small degree is all to the good.



Dr. Lerrigo

The negative resolution is one in which you decide to quit something. Try a positive resolution instead. No cut and dried resolutions are likely to have health in them. Make your own. But perhaps you will permit me to offer one or two suggestions that may make for your peace of mind: "I will not heed advice about medicines or medical treatment from unqualified persons, nor will I heed tips from sources about remedies that are obviously given out as a line of sales talk, unless they are confirmed by our family doctor."

You may say: "But where do I find a family doctor nowadays? I'd like to have one."

So He Can Reach You

As I understand the term "family doctor," he is a competent, wise and honest physician with whom you have an agreement that he will give service to you and your family. Such doctors do exist and you will be met more than halfway if you seek out such a physician, tell him about your family, and where you live. Probably half of the recognized medical men in your county can qualify, and such a physician will be glad to have a conference with you and be glad to get acquainted with the family. Then if your first call comes to him in the dead of night, he will know you, know how to reach you, and know that you will pay your bill and follow

instructions. He will be a good friend. As a physician of 40 years of experience I have a keen knowledge of how much these things count with the doctor. Follow this New Year's resolution thru in word and in deed and it will result in better health for all of you thruout 1948.

Should Make Sure

I suffer from a queer numbness in my hands, arms and feet at night. I take care never to lie on them, but in no position do I escape the numb feeling. When I rub them they get cold and damp before the feeling returns. I also have at times a queer fluttering around my heart with shortness of breath.—B. S. A.

Symptoms of this kind are often due solely to nervousness, but a person who has them should make quite sure that nothing more serious is wrong. The blood pressure should be tested and the heart carefully examined. Sometimes lack of proper function of the thyroid gland is the cause. You should have a careful examination on these points.

A Special Letter

Except for constipation and headache I seem quite healthy. But I do have the headache very often and wonder if it is because I am constipated.—M. S. B.

Certainly the first thing is to get your constipation cured. Few people realize how important it is to go regularly to the toilet at a certain time every day, thus forming with the bowels a regular habit of evacuation. If you will send to this office a letter requesting my special Hints About Constipation, together with a stamped reply envelope to your address, I shall be glad to send you a copy of this special letter. Anyone else interested also may get a copy of these hints by sending a stamped, self-addressed envelope.

May Be Cured

What is pulmonary consumption? Is it dangerous? Should the patient stay at home or go to sanatorium?—Mrs. B.

It is tuberculosis of the lungs. If an early case, the chance for cure is good, but at a sanatorium.

A Farm Labor Change As New Year Opens

FARMERS will have to look to the Kansas Employment Service for farm labor in 1948, according to Frank Blecha, state supervisor of the emergency farm labor program which has been directed thru Kansas State College.

The farm labor program, so far as the extension division is concerned, will come to a close December 31, says Mr. Blecha. Starting January 1, all farm labor needs will be taken over by the State Employment Service, with headquarters at Topeka.

W. O. Stark, assistant farm labor supervisor under the extension division program, will be in charge of the program under Governor Frank Carlson. "Appointment of Mr. Stark to head the new program is a break for Kansas farmers," says Mr. Blecha, "because he is thoroly familiar with the needs and the procedure for getting farm help."

Apply to State Offices

After January 1, farmers wanting help must apply to the State Employment Service offices in the state. There are 31 of these offices located at various points. County agents will co-operate with the state agency.

Predicting that the demand for farm labor in 1948 will be the greatest in history, Robert C. Goodwin, director of the U. S. Employment Service, makes this announcement:

"It is anticipated that less labor will be available for agriculture in 1948 than at any time since the end of the war. The Federal Government will start a farm-labor recruiting service January 1, thru 48 state employment services." The director indicated that everything possible will be done to provide sufficient farm labor.

John Morrison, director of the Kansas Employment Security Division, of which KSES is a part, has this to say: "The employment offices will be able to offer farm jobs to all job-hunters fit to do farm work, and not merely to

the smaller number of men looking only for farm jobs. That means a better chance of getting farm labor when it is needed."

Full-time KSES offices, (which close at noon on Saturdays), are located in Arkansas City, Atchison, Chanute, Coffeyville, Concordia, Dodge City, El Dorado, Emporia, Fort Scott, Garden City, Goodland, Great Bend, Hays, Hutchinson, Independence, Kansas City, Lawrence, Leavenworth, McPherson, Manhattan, Marysville, Newton, Norton, Olathe, Ottawa, Parsons, Pittsburg, Pratt, Salina, Topeka and Wichita. Representatives from these district offices visit every county at regular periods. The schedule of visits to any county may be obtained from the nearest district office, or by writing John Morrison, Employment Security Division, 800 Kansas Avenue, Topeka.

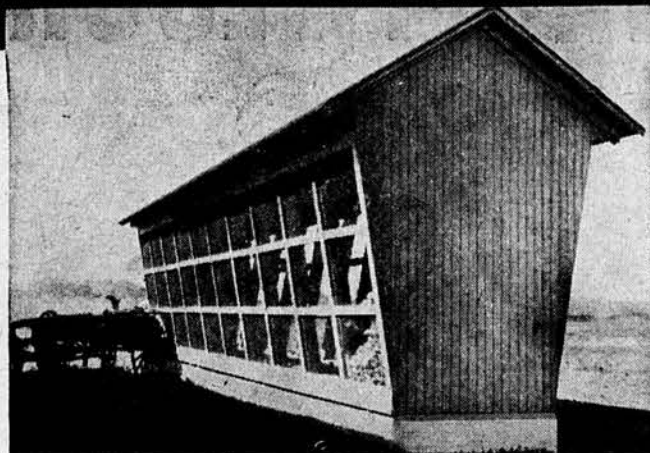
Under supervision of Mr. Blecha and Mr. Stark, the extension division placed 30,857 men on farms during 1947. At the beginning of the year 432 Mexican nationals were imported. Each of these worked for an average of 4 Kansas farmers harvesting sugar beets, fruits and sweet potatoes.

Made Good Showing

During wheat harvest there were 19,805 men placed on Kansas farms, and 7,800 combines were brought into the state. About 2,000 combines came from Canada. A total of 5,824 trucks was obtained for harvest.

"The will of every Kansan to win made possible the success of the Kansas labor program during and following the war," Mr. Blecha says. "They got the job done even though every county in the state sent an average of 11,000 boys to service. Most of these boys came from the farms. The people of Kansas managed to harvest the state's greatest crops during this period despite lack of help and lack of machinery. Only thru the greatest possible co-operation was this possible."

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4 cu. yds. sand and 4½ gravel . . . in 24 hours with a concrete mixer*

According to Dr. Harold Gunderson, of Iowa State College, one rat eats about 50 pounds of grain per year . . . and ruins 150 more. Other authorities estimate that the rat population of America annually eats and wastes 200 million bushels of corn alone.

Starve out the rats and you will save bushels of grain. Your first step towards permanent rat-proofing is to build with a concrete foundation and floor. You will save money too, for concrete will add years to the life of your corn crib.

Your Lehigh Dealer can give you sound advice on the construction of concrete foundations for corn cribs, barns, poultry houses, many others. See him the next time you're in town.

*If your dealer can supply you with a ready mixed concrete, you can do this work with less labor.

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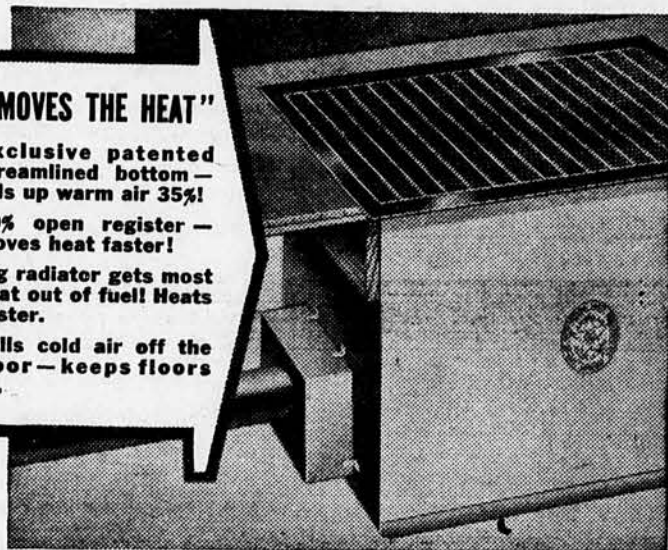
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Say, these floors are warm, now!"*

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Weeds Get a Going Over

By GENE SPRATT

THE most modern and effective weed-control methods known at present were discussed during the fourth annual North Central Weed Control Conference held in Topeka, December 10 to 12.

The Kansas State Board of Agriculture was host to the meeting with T. F. Yost, director of the noxious-weed division for the board, being in charge of the convention.

Those attending were leaders in weed-control work from 13 North Central states and 3 provinces of Canada. This group, according to Yost, represented weed divisions, experiment stations, government workers, and commercial concerns all vitally interested in reducing the toll of weeds on agriculture.

Wednesday morning, opening day, Governor Frank Carlson gave an address of welcome. Then after a few comments from Noel Hanson, University of Nebraska, president of the conference during 1947, the meeting was started by H. E. Wood, department of agriculture and immigration, Winnipeg, Canada. He led a panel discussion on control of herbaceous perennial weeds such as bindweed, Russian knapp weed and hoary cress. Yost stressed that altho the convention was interested in all types of weeds that are detrimental to agricultural crops, this discussion of perennial noxious weeds was the main reason for grouping the states into such an organization as the North Central Conference.

In a discussion of research developments in using 2,4-D as a control on bindweed, Lyle A. Derscheid, South Dakota State College, found that about 2 pounds of the material gave fairly satisfactory control. One interesting thing that Derscheid pointed out is that when growing conditions were favorable for bindweed, that is the most favorable time to attempt a kill with 2,4-D.

Yost mentioned that 2,4-D is proving of considerable value in killing bindweed and other perennial noxious weeds, but there are other methods of control that are highly satisfactory. In Kansas particularly, cultivation is being stressed as one of the most efficient means of combating bindweed on a field scale.

Woody plants also came under consideration. These often present a serious problem in pastures, along roadsides and similar locations. C. J. Willard, Ohio State University, reported on the effect of different chemicals on

these types of plants. He was particularly successful in controlling elderberry with repeated treatments, finally eradicating the plant entirely.

As another part of his experiments, Willard worked with poison ivy and obtained gratifying results, especially when treatments were applied in the fall. He pointed out that under field conditions, plants were never completely killed, but 2,4-D is one of the best and most efficient means of treating poison ivy that has yet been developed.

One of the most interesting reports at the convention was the possibilities of killing weeds under pre-emergence treatment. This was brought out in a panel discussion and the material used was 2,4-D. Noel Hanson, University of Nebraska, did considerable of this work using cockleburrs as the test weed. Under these conditions weeds are eliminated by treating the soil at the beginning of the season and are not a problem to the farmer for the rest of the growing period. As yet research information is too incomplete to give blank recommendation to this type of treatment, but nearly all research men attending the conference mentioned they are planning to continue experiments with the chemical.

The 3-day convention was filled with research information and discussions, with more than 550 persons in attendance. In the exhibit hall of the Topeka Municipal Auditorium, 47 commercial leaders in weed-control equipment and chemical manufacturing had displays pointing out their latest developments in this field. In many cases they are co-operating with research workers in attempting to provide farmers with inexpensive, practical equipment that will enable them to utilize chemicals on their crops in the most efficient manner possible.

One high light of the conference activities came on Thursday night when the annual banquet was held. J. C. Mohler, secretary of the Kansas State Board of Agriculture, served as toastmaster for the dinner. W. W. Allen, Dow Chemical Company, spoke on "Development Work in Agricultural Chemicals," and E. T. Winter, Mississippi Valley Association, summed up work of the conference with a talk on "A Broad Look at Future Agriculture in the North Central Area."

Plans were tentatively made to hold next year's meeting at Denver, Colo., in joint assembly with the Western Weed Conference.

From a Marketing Viewpoint

By C. P. Wilson, Livestock; Paul L. Kelley, Poultry, Eggs and Dairy.

I have some lambs on feed that are still a little light. Would it be better to go ahead and sell, or should I feed them a while longer?—M. D.

Lamb prices are in a strong position and there is little to indicate any weakness in prices during the next few months. In fact, with so few on feed and with the probability of smaller meat supplies after the current run of hogs is over, lamb prices would be expected to strengthen. So, if your lambs can take additional finish economically, there would appear to be no reason to hurry to market. Heavy weights have not been discounted so far this season and there is not likely to be much discount of heavy weights this year.

I have some late May pigs that have been on alfalfa pasture and a partial feed of grain. They now weigh about 200 pounds but are not fat. Corn costs \$2.25 laid in and supplement mixed at home would run \$5.50. They have good rye pasture. I figure it would cost us \$18 to \$20 a hundred to put on additional weight. Would it pay to feed these hogs to heavier weights and sell on a late winter market?—G. M.

Hog prices appear to have passed their seasonal low during the last week of November. From now until March, prices are expected to be seasonally strong. If you can put on additional gains for \$18 to \$20, it would appear to be profitable to feed to heavier weights. You probably would be getting a higher market price for the present 200 pounds, plus the advantage of putting on additional weight

at less cost than the probable market price and the advantage of a higher degree of finish. However, it should be recognized that as hogs reach heavier weights, gains become less efficient. The problem of when to sell is that of weighing the advantage of probable seasonal price strength and a higher degree of finish against the high cost of feed and the less efficient gains as the hogs reach heavier weights.

Are prices of dairy products going higher?—P. K.

Butter prices have been strong recently and milk markets continued to have a firm undertone with price increases reported in some eastern markets. However, it seems probable that prices have reached a peak, at least temporarily. Further advances are likely to be met with curtailed consumption. Evidence of this resistance at the consumer level has been reported in some markets. Also, in the case of butter, further advances in prices probably would result in the diversion of cream from storage and other uses to butter production. This would act as a partial balance wheel between butter supplies and prices.

Right for Alfalfa

Altho a large acreage of ground prepared for alfalfa seeding last fall was not seeded, farmers can still look forward to seeding it next spring, says C. O. Grandfield, Kansas State College agronomist.

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World Food Needs to Last

Twenty-five Counties Honored for Good Work

FIVE Kansas counties received recognition December 10, for outstanding soil-conservation work during 1947. The awards were made at the annual meeting of the district boards of supervisors, Pratt, by L. L. Kahler, Kingman, chairman of the Kansas Bankers' Association agricultural committee. The 5 winning counties are Decatur, Pawnee, Sedgwick, Marshall and Coffey.

Honorable mention goes to 20 additional counties. They are Ellis, Osborne, Rawlins, Scott, Finney, Ford, Rush, Saline, Reno, Jewell, Rice, Pratt, Brown, Miami, Douglas, Morris, Bourbon, Labette, Lyon and Cherokee. Awards are sponsored by the Kansas Bankers' Association.

World food needs will force continued heavy cropping for several more years, those at the convention were told by A. E. McClymonds, regional conservator, Soil Conservation Service, Lincoln, Neb. "Probably the only way these production goals for the years ahead can be reached is thru soil conservation," he said.

Mr. McClymonds pointed out that in 1900, the U. S. had 76 million people and well over 500 million acres of productive cultivated farm land. Today there are 145 million people but productive farm land has shrunk to 460 million acres. "With population on the increase all over the world and productive land on the downhill road, we must conserve what we have," he warned.

Big Flood-Control Job

The importance of Missouri river basin development was outlined by Lachlan Macleay, president of the Mississippi Valley Association, St. Louis, Mo. A total of about 2 billion dollars will be spent, he said, on 105 flood-control, power-generating and irrigation reservoirs. On completion of the program, there will be new business opportunity in the area for 636,000 new persons, and thousands of acres of good land will be reclaimed from devastating floods.

"Freedom to use land as he sees fit places a large responsibility upon the individual," according to Norris J. Anders, Kansas State College economist. He told those at the convention that land, labor and capital are the 3 basic factors for production. Labor and capital have increased in quantity thru the years. Land, alone, is fixed in quantity. Land resources, therefore, must be conserved.

Nine tenths of the best land abandoned in Hamilton, Morton, Stevens and Seward counties during the 1930's has been successfully brought back into production, stated H. H. Finnell, Soil Conservation Service research specialist, Amarillo, Tex. However, as high as 80 per cent of certain kinds of poor land in the area is still idle, he reported. To avoid future abandonment of land in the former dustbowl area, Mr. Finnell urged farmers to get a common-sense scientific appraisal of land-use capabilities. Then, he said, they should set aside poor soils that don't have a chance during drouths and low prices. Sow them back to native pasture while they still are stable and while farmers can afford it. Allowing such lands to go thru a period of abandonment may result in permanent lowering of its productive capacity, plus a long period of idleness. It is always more expensive to restore land than to maintain it.

Heavy Drain on Fertility

"Soil erosion is taking 21 times as much soil fertility every year as production," stated Everett T. Winter, secretary of the Land Resources Council of the Mississippi Valley Association. "The obvious place to attack the problem is where erosion is taking place, rather than where good crops are being produced on a sound basis. No nation in history has remained great for long after it started to neglect its soil and water resources."

"Flood control is a job that starts where run-off begins," the convention was told by L. L. Kelly, of the regional SCS office, Lincoln, Neb. He made this statement in explaining the work of flood control at the headwaters of streams. Surveys prove that about 75 per cent of all flood damages occurring within a watershed occur in the headwater areas, he explained.

"A 3-phase program to deal with headwater damage is being carried out by the SCS," he said. "It is assisting farmers, ranchers and small groups to plan a conservation program for individual farms and ranches. It is making watershed surveys to determine what is needed in addition to that which individuals can afford to do. It is rendering technical assistance in establishment and maintenance of conservation works."

Talking on postwar farm finance, P. H. Stephens, director of research, Farm Credit Administration, Wichita, said: "The prospects for large farm profits during the next year or 2 are not worth risking all of one's present equity. Moderate use of credit is sensible and can be profitable. Do something constructive with the farm, the home, the money, and credit you now have. Don't wait until everything is favorable to build a better farm, a more comfortable home, or to terrace the south 40. Energetic pursuit of a sound soil-conservation program can be an important farm asset."

"We can't stop the loss of soil organic matter, but we can see to it that an adequate amount of fresh organic matter is returned to the soil to help replenish the depleting supply," stated Harold E. Myers, head, department of agronomy, Kansas State College. "We should use the organic matter in the soil to produce larger crops to give us more crop residue and manure to return to the soil. This means soil organic matter turnover rather than the old philosophy of soil organic matter maintenance and build-up."

"Chemical fertilizers have an important role in establishment of a sound conservation program on most farms of Eastern Kansas," said F. W. Smith, Kansas State College Department of Agronomy. "Use of fertilizers in this area not only is profitable but also mandatory for proper establishment of our best soil-conserving crops."

More Land to Grass

"If sound conservation practices were to be followed thruout the state, from 3 to 4 million acres now under cultivation probably would be put under permanent vegetative cover," said A. D. Weber, head, department of animal husbandry, Kansas State College. "Unless grains and roughage are utilized as livestock feed, sufficient monetary returns cannot be obtained to pay the cost of better farming practices," he pointed out.

"Individuals, the state, and the nation cannot afford to permit soil destruction to continue at the present rate," stated R. I. Throckmorton, dean of the school of agriculture, Kansas State College. "To obtain conservation more rapidly we must all co-operate fully," said Dean Throckmorton, "in an extensive educational program to obtain: More interest in soil conservation; enthusiasm on the part of the land owner for conservation; more action on the part of the farmer or land owner in doing his utmost to save his soil; a better understanding of the duties and responsibilities of county, state, and national agencies working in the field of soil conservation."

Summing up the engineering problem of soil conservation in Kansas, William H. Teas, of the state SCS office, Salina, said: "There are 11,500,000 acres of land in Kansas which must be terraced. Of this total there now are 266,960 acres terraced. To provide for safe conduct of surplus water down outlets and natural watercourses we need to shape and seed 500,000 acres. There are at present 14,818 acres established. Present irrigable land in Kansas can be expanded from about 120,000 acres now to 400,000 or 500,000 acres. Proper planning of this acreage to provide for the safe and best use of water and soil requires intensive research and technical assistance. There are about 250,000 acres requiring drainage. Detailed plans are needed to prevent serious erosion and lowered water table problems."

The worst single thing that has happened in the last generation is the belief instilled in the American people that, if they do not do their part, the government will take care of them.—Dr. W. A.

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Try New Foot-and-Mouth Agreement

(Continued from Page 6)

of a few years to extend the eradication program by slaughter southward until the disease finally is wiped out.

Not "Just a few sick cows," but a positive and very serious threat to the livestock and dairy industries of the United States—and to the food supply of 140-some-odd-million consumers in the United States.

That is what the prevalent epizootic of hoof-and-mouth (hereafter called foot-and-mouth disease, because that is what the Department of Agriculture calls it in official bulletins) really is. A year ago next week the U. S. Department of Agriculture officially recognized there was an outbreak of the foot-and-mouth disease in the Republic to the South, and slapped on a quarantine at the U. S.-Mexican border.

The outbreak of the disease came on a ranch near Vera Cruz where a second shipment of Brazilian Brahma bulls had been delivered. The disease so far apparently has been in a mild form, and is prevalent south of a line westward to the Pacific from Tampico on the Gulf of Mexico. Closest infected area to the United States so far is nearly 300 miles from the Texas border.

After the prevalence of the disease was reported to Congress in early January this year, action was fairly prompt. In a little more than 2 months, following extensive hearings, Congress had authorized and appropriated for a vigorous eradication campaign, to be carried out by a joint commission of the two Republics. The first appropriation was for \$9,000,000 to get the campaign started. By June 30, three other appropriations had been made, including the transfer of an advance of \$21,000,000 from the funds of the Commodity Credit Corporation, for a total of \$36,600,000 with the understanding that whatever more funds were needed would be provided. Estimates as to possible costs ran to a quarter-million dollars. The Mexican government was to provide troops for patrol and police duties, and what money it felt it could afford—so far some \$1,237,000.

The program adopted was along the lines used successfully in the United States in preceding outbreaks here. Infected and exposed animals were to be slaughtered, the carcasses burned and buried. All wild cloven-hoofed animals were to be killed, also.

First variation of the rigid slaughter program came when exposed, but not infected animals, after being paid for, were allowed to be sent to Mexico City to be slaughtered and consumed as food.

The "slaughter" program ran into early difficulties and these multiplied as it went ahead. However, up until last November 26, the reports to Congress and releases to the press from the Department of Agriculture were to the effect that the program was working well and getting results, altho there were difficulties, as the killing of 5 soldiers and a Mexican veterinarian.

One source of trouble Department officials had not counted on at all was the ox. The patient ox is the farmers' work animal in Mexico, sometimes as highly regarded as the members of the family. When the ox was slaughtered, the farmer in many instances was not able to continue tilling the soil. We tried to send them mules, but red-tape interfered with their deliveries. Also, the Mexican peon understood the ox, or rather the ox understood the Mexican peon. The peon and the mule generally were unable to reach any understanding at all.

Actually, the peons are largely Indians. Many of them don't understand Spanish. When the Mexican government put on educational campaigns—bulletins, newspapers, radio, lectures—the peons didn't understand what it was all about. There was some effective counter-propaganda—Yankees trying to run Mexico at the bayonet-point—that apparently was more effective. Following the killing September 1, the use of American veterinarians was practically abandoned. The campaign in the infected area (south of the Tampico line referred to) was given up by October.

The Mexican government finally informed the joint commission that it could not continue the eradication pro-

gram. The joint commission agreed to a compromise plan, by which instead of slaughtering and burying the carcasses, animals would be vaccinated. The educational campaign would be carried on. Eradication by slaughter would be attempted only north of the Northern Quarantine Line (Tampico west), but the Mexican government was doubtful about that.

On November 26, the Department of Agriculture issued a brief press release, stating the adoption of the vaccination program, and that the slaughter and burying program for infected and exposed animals had been abandoned.

Hearings were started the following week by the foot-and-mouth subcommittee of the House Agriculture Committee (Representative Gillie, of Indiana, chairman), with the opposite Senate subcommittee represented by Senator Thyne, of Minnesota.

This subcommittee has recommended, in substance, that the Northern Quarantine Line be maintained; that the eradication program be continued north of the line, and pushed south by sectors as rapidly as possible (it will be a slow process, all admit); vaccination to be employed as an adjunct to what is still hoped finally will be an all-out slaughter program.

What that means—providing the Mexican government and the U. S. Congress agree—is that the United States will be protected by two quarantine lines (1) the Northern Quarantine Line across Mexico, 800 miles from Tampico to the Pacific, and (2) the 2,000-mile border quarantine line along the Mexican-U. S. border. It is planned, also, to construct a double row of barbed wire fencing along both quarantine lines. Specifically, the subcommittee recommended:

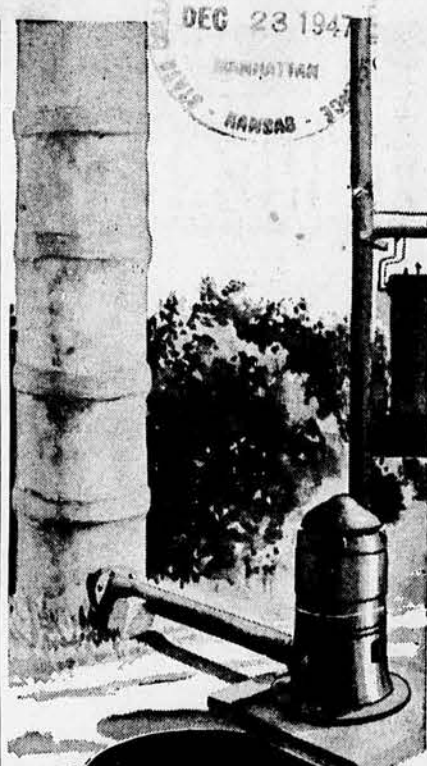
1. That the campaign against foot-and-mouth disease in Mexico shall be conducted on the following basis: First, an all-out effort by both countries to hold a quarantine line immediately north of the present infected area, including a sterile zone as wide as possible south of such line in which all infected and exposed animals will be subject to immediate slaughter and burial, in order to prevent the spread of the disease into Northern Mexico and the United States; second, extension and enlargement southward as rapidly as circumstances permit, with vaccination being employed by the commission only as an adjunct to quarantine.
2. That it shall be understood definitely by all participants that the program now undertaken is not an abandonment of the effort to eradicate foot-and-mouth disease from this continent, but is merely a postponement of that effort until it can be undertaken and accomplished in a manner which is more acceptable to the Mexican people and tolerable to the Mexican economy.
3. That the best available scientists and economists be assigned immediately to research and study in Mexico and elsewhere on the disease itself, its prevention and control, and the effect of the disease and the proposed eradication methods on the economy of Mexico and the United States.
4. That there be created forthwith the office of executive director of this campaign... who shall have sole and complete authority so far as the United States is concerned, and shall be responsible only and directly to the Secretary of Agriculture.
5. That there shall be a Congressional observer... report to Congress... with authority to see all books, records and documents of the joint commission and of the Department of Agriculture pertaining to the campaign against the disease.
6. That the cost of the program hereafter shall be shared by the two governments on substantially the basis which the campaign was being operated immediately prior to November 26, 1947.
7. That the program substantially as outlined herein shall be made the basis of a new agreement between the governments of the United States and Mexico.

Summing up: The program to date has cost the U. S. Government almost 36 million dollars.

So far as getting the Mexicans to cooperate on a complete eradication program, that program has failed.

On the other hand, the disease has been held south of the Northern Quarantine Line. And officials of the Mexican government are sold on eradication, but cannot carry on until the peons are educated.

The United States Congress is sold on the idea that the United States cannot afford to "live with the foot-and-mouth disease" but must spare no efforts and no expense to keep the North American continent free of the disease. This Continent is the only one free of the disease.



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 Kansas Milking Shorthorn Society, Hutchinson
 Knackstedt Bros., Conway
 Lewis, C. C., Cullison
 Lindholm, Raymond, Windom
 Lorenz, D. P., Salina
 Lucas, H. R., Macksville
 McFarland, J. W., Sterling
 McPherson-Rice County Milking Shorthorn Breeders' Assn., McPherson
 Madry, M. S., Little River
 Milking Shorthorn Breeders' Sale, Chase
 Mischler, W. S. & Son, Bloomington
 Neb. Milking Shorthorn Br. Assn., Jansen, Neb.
 Reeves, Harry H., Hutchinson
 Reno Co. Milking Shorthorn Society, Hutchinson
 Robertson, E. E., Topeka
 Rohrer, H. E., Junction City
 Shoberg, A. W., Lawrence
 Stallard, Minor, Emporia
 Stucky, H. E., Moundridge
 Vanderlip, Wm. H., Woodston
 Vassenberg, Ben, Maryville, Mo.
 Wassenberg, Bernard, Maryville, Mo.

Mo. Guernsey Breeders' Assn., Columbia, Mo.
 Pugh, C. H., Wichita
 Ransom Farm, Homewood
 Reichard, Wayne E., Homewood
 Robinet, Ernest, Keats
 Schultz, W. L., Hillsboro
 Wofford, J. W., Junction City
 Yost, Frank B., Salina

Holstein Cattle

Arabes Farms, Topeka
 Bechtelmeier, Harry, Alta Vista
 Beckner, Wallace J., Sabetha
 Benedict, Kenneth, B. E. Plaine
 Bircher, W. G. & Sons, Louisville
 Bethel College Farm, Ellsworth
 Bigam, Newton F., Newton
 Bollman, Raymond W., Kansas City, Kan.
 Burg, Harry, Edna
 Cen. Kan. Holstein Breeders' Assn., Hutchinson
 Dawdy, E. A., Salina
 DeWitt, Chester, Ellinwood
 DeVey, Harold, Ellinwood
 Dressler, H. A., Lebo
 Edwards, C. L. E., Topeka
 Ehrhart, J. A., Topeka
 Gibson, James, Wheat Ridge, Colo.
 Gudenkauf, L. C., Sabetha
 Hiebert, Alvin, Hillsboro
 Holstein-Friesian Assn., Brattleboro, Vt.
 Hostetler, Leo H., Harper
 Iowa-Nebraska Holstein Breeders' Sale, Omaha
 Johnston, Howard, Wamego
 Kagarice, C. C., Hutchinson
 Kansas Holstein-Friesian Assn., Abilene
 Kubin, Dale, McPherson
 Kubin, Quintin J., McPherson
 Lamaster, E. C., Halliwell
 McVay, T. Hobart, Nickerson
 Mayberry, Ed, Enid, Okla.
 J. C. Meers-St. Joseph Home, Abilene
 Holstein Sale, Topeka
 Meier, Frank, Topeka
 Meyer, Grover G. & Sons, Basehor
 Mueller, Dairy, Hugoton
 Neale Farms, Waco, Texas
 Nebraska Holstein Br. Assn., Lincoln, Neb.
 Nebraska State Reformatory, Lincoln, Neb.
 Nelson, Waldo E., Waterville
 North Cen. Kansas Holstein Br. Assn., Salina
 Pierlow, Jules, St. Louis, Mo.
 Phillips, K. W. & Son, Manhattan
 Reed, Ernest A. & Sons, Lyons
 Saner, Jake, Kingman
 Sand Springs Dairy, Sand Springs, Okla.
 Security Benefit Dairy, Topeka
 Stanford, C. H. & Son, Admire
 Stelter, Otto, Lenexa
 Stevens, R. A., Lenexa
 Stucky, Phil J., Pretty Prairie

Berkshire Hogs

Bohnenblust, Dan, Bala
 Bohnenblust, Kenneth, Bala
 Gilliland, Roy Jr., Horton
 Kansas Berkshire Breeders' Assn., Salina
 Luttrell, Fred M., Paris, Mo.
 Missouri Berkshire Br. Assn., St. Joseph, Mo.
 Steller, O. O., Haven
 Wall, Arnold, Buhler
 Wall, Harold, Buhler

Poland China Hogs

Bauer Bros., Gladstone, Neb.
 Hain, Henry J. & Son, Spearville
 Hartman, J. J. & Son, Elm
 Kansas Poland China Breeders' Sale, Hutchinson
 McLin, Gordon, Silver Lake
 Malone Bros., Raymond
 O'Hara, Elmer, Mankato
 Rindt, Herbert, Herington
 Rowe, C. R. & Son, Manhattan
 Saylor, Ray, & Son, Manhattan
 Turner, Harry L., Harper
 Wittum, F. W. & Son, Caldwell
 Wiswell, Glenn F., Spring Hill
 Wiswell, Glenn F., Spring Hill

Hereford Hogs

Bar-A L Ranch, Rolla
 Gideon, Garland R., Paxico
 Jones Hereford Farm, Paxico
 Missouri Hereford Hog Br. Assn., Savannah, Mo.
 Osborne County Breeders' Assn., Osborn
 Yalehurst Farms, Peoria, Ill.
 Kansas Hereford Hog Br. Assn., Junction City

O I C Hogs

Hostetler, Marvin J., McPherson
 Hugenot, J. E., Moline
 Kansas O I C Breeders' Assn., Wichita
 Peterson & Sons, Osage City
 Sea-Par Farms, Wichita

Spotted Poland China Hogs

Billman, Carl, Holton
 Blanke, D. F., Bremen
 Bletscher, Henry, Mound City, Mo.
 Buckles, J. A., Mankato
 Davis, Wayne L., Mankato
 Eubank, C., Cullison
 Fieser, Earl, Norwich
 Fieser, Everett, Norwich
 Goldberg, Luther, Essex, Iowa
 Holliday, H. E. & Son, Richmond
 Ideker, Herman, Mound City, Mo.
 Johannes, Albert, Marysville
 Keller, R. G., Berryton
 Konkel, Dale, Haviland
 Love, Harry, Rago
 Mitchell, H. F., Berryton
 Saylor, J. H., Lyndon
 Thompson, Billy, Valley Center
 Tucker, Randall, Codell
 Walters, Virgil, & Son, Rock Port, Mo.
 Weller, W. F., Dunlap

Hampshire Hogs

Bergsten, R. E., & Sons, Randolph
 Carlson, A. A. & Sons, Gypsum
 Earnest, W. D. & Son, Avilla, Mo.
 F. F. A. Hampshire Hog Sale, Avilla, Mo.
 Bill Glovers Acres, Raytown, Mo.
 Jones, Guy, Bigelow, Mo.
 Kansas Hampshire Hog Br. Assn., Emporia
 Moss, Finis, Nevada, Mo.
 O'Brien Ranch, Hartsville, Mo.
 Ploeger, Warren, Morrill
 Scheel, Dale, Emporia
 Sperry, P. Everett, Lawrence

Chester White Hogs

Chester White Swine Rec. Assn., Rochester, Ind.
 Hegle, W. A., Lost Springs
 Petrack, Julius, & Son, Oberlin

Minnesota Hogs

Lusk, Joel C., Highland

Yorkshire Hogs

Eaman, A. L., Lunenburg, Ont., Canada
 Yalehurst Yorkshire Farms, Peoria, Ill.

Hogs—All Breeds

F. F. A. Boar and Gilt Sale, St. Joseph, Mo.

Hampshire Sheep

Carson, Cleveland, Mound Valley
 Cox, Edwin, Fayette, Mo.
 Davis, Clifton H., Arden, Mo.
 Greystone Farm, Fayette, Mo.
 Mo. Hamp. Sheep Br. Assn., Jefferson City, Mo.
 Northern Mo. Hamp. Sheep Sale, Greeley, Colo.
 Ohlde, Raymond, Palmer
 Reno County Ram Sale, Hutchinson
 Southwest Missouri Hampshire Sheep Breeders' Assn., Jefferson City, Mo.
 Walker, Wesley, & Son, Fowler

Oxford Sheep

Luttrell, Fred M., Paris, Mo.

Shropshire Sheep

Brown, J. L., Wichita
 Chappell, H. H. & Son, Green Castle, Mo.
 Lacey, Clarence, Meriden
 Lytle, W. A., Wellsville
 Petri, S. D., Pratt
 Reno County Ram Sale, Hutchinson
 Spohn, D. V., Superior, Neb.

Sheep—All Breeds

Kan. Purebred Sheep Br. Assn., Hutchinson
 Mid-West Stud Ram Sale, Sedalia, Mo.
 Nebraska Sheep Breeders' Assn., Lincoln, Mo.

Horses and Jacks

Eylar Farm, Olathe
 Johnstone, Howard, Wamego
 Kuntz, Nathan, Abilene
 Switzer, G. F., Beatrice, Neb.
 Watts Bros., Leocompton

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 Heldenbrand, W. H., Oklahoma City, Okla.
 Hughes, Ted, Junction City
 Mills, Frank C., Alden
 Powell, Bert, Topeka
 Schaulis, Ross B., Clay Center
 Tonn, Harold, Hays
 Veon, Kenneth, Topeka



JESSE JOHNSON
Livestock Editor

Season's Greetings

To all of you who have been
 co-operating with Kansas
 Farmer in bettering the state's
 livestock industry, we extend
 our sincere appreciation as well
 as best wishes for another year.

MIKE WILSON
Fieldman

Polled Milking Shorthorn Cattle

Capps, Leo R., Kinsley
 Hegle, W. A., Lost Springs
 Polster, Emmett, Enterprise

Red Polled Cattle

Dutton, Ira V., Belpre
 Locke, O. W., El Dorado
 Red Poll Cattle Club, Lincoln, Neb.
 Ross, W. E. & Son, Smith
 Wiese, Wm., Haven

Jersey Cattle

Artman, Marvin, Holton
 Beery, Raymond, Stockton
 Bloss, Burton W., Pawnee City, Neb.
 Carey & Gould, Hutchinson
 Crowl, Alex., Manhattan
 Davidson, Earl S., Kansas City
 Gamelager Dairy, Newkirk, Okla.
 Hunzeker, Arthur, Humboldt, Neb.
 Hunzeker, Jake, Humboldt, Neb.
 Kansas Jersey Cattle Club, Hutchinson
 Livingston, Edwin M., Junction City
 McDaniel, H. B., Carthage, Mo.
 McQueen, V. A., Stockton
 Marshall Bros., Sylvia
 Oswald, A. Lewis, Hutchinson
 Ploeger, Warren, Morrill
 Ridge Run Farms, Aurora, Mo.
 Schurle, Geo., Manhattan
 Smith, Walter, Joplin, Mo.
 Stone, Jon, Sharon
 Weir, John Jr., Geuda Springs
 Young, Elton W., Cheney
 Young, Frank L., Cheney
 Orear, John O., Kansas City, Mo.

Guernsey Cattle

Am. Guernsey Cattle Club, Peterborough, N. H.
 Babbitt, Walter, Powhattan
 Beachy, M. M., Hutchinson
 Bloss, Burton W., Pawnee City, Neb.
 Brown, Lawrence, Great Bend
 Chestnut, Pat, Wichita
 Fryhofer, A. W., McLouth
 Herschberger, E. D., Newton
 Hiett, Maurice W., Haven
 Hunzeker, Arthur, Humboldt, Neb.
 Hunzeker, Jake, Humboldt, Neb.
 Iowa and Neb. Guernsey Br. Sale, Omaha, Neb.
 Jackson, Lester, Lubbock, Texas
 Kansas Guernsey Breeders' Assn., Topeka
 Kay County Breeders' Assn., Newkirk, Okla.
 Leigh, Edw. M., Hardy, Neb.
 Littlefield, Jesse, Benkelman, Neb.
 Lynn, Ned, Guernsey Farm, Hillsboro
 Melby, E. J., Scandia

Brown Swiss Cattle

Stuewe, R. E., Alma
 Teaford, Perry, Ozarkie
 Torkelson Bros., Everest
 Watson, F. L., Peck
 Willow Springs Ranch, Overland Park
 Wilson, Don E., Mt. Morrison, Colo.
 Win-View Farm, El Dorado

Ayrshire Cattle

Alford, Donald, Lawrence
 Ayrshire Breeders' Association, Brandon, Vt.
 Cam, Homer S. & Son, Cedar Vale
 Central Kansas District Sale, Hutchinson
 Dusenbury, M. B., Corbin
 Fisher, Bryan, Meade
 Hoffman Bros., Abilene
 Hull, Dwight E., El Dorado
 Keat, John C., Effingham
 Mid-Kansas Ayrshire Sale, Newton
 Neufeldt, A. F. & Sons, Inman
 Northeast Kansas Ayrshire Sale, Horton
 Schmidt, Elmer, Peabody
 Stark, E. E. & Son, Abilene
 Unruh, Chester O., Elmo
 Williams, G. Fred, Hutchinson

Duroc Hogs

Albrecht, Vern V., Smith Center
 Alexander, Frank, Corning
 Anderson Bros., Concordia
 Bohlen, Wm., Downs
 Bolt, W. Fred, Isabel
 Brown, J. L., Wichita
 Cox, Tom, Odessa, Mo.
 Crosson, Lon D., Minneapolis
 Danner Easthills Farm, St. Joseph, Mo.
 Dickinson County Swine Br. Assn., Abilene
 Dieter, Karl, Mayville, Mo.
 Durnell, Glen, Odessa, Mo.
 Eberger, C. F., Odessa, Mo.
 Flett, Ben A., Clarksdale, Mo.
 Gernann, G. F. & Son, Manhattan
 Giefer Bros., Kingman
 Givens, Harry, Manhattan

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Maize, Kansas			
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Coombs Chicks. High quality from real ROP trapnest farm. White Leghorns, Austral Whites, White Rocks, Hy-Lines, Coombs Leghorn Chicks 250-322 egg sired for 28 years. Now at all-time peak in egg production. Kind you need for heavy layers. Coombs' Austral-White Chicks, Top quality ROP egg breeding. Hardy as Missouri rules. Wonderful farm layers. Dr. Warren's Kansas State College White Rocks, 200-275 egg sired. 100% fast feathering. Rapid growth. Great layers. Hy-Line chicks, bred like hybrid corn. Averages 200 eggs per bird are common. Free circular. Early order discount. Write: Coombs & Son, Box 6, Sedgwick, Kan.

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K-2234 — K-1784 — U. S. 13
K.I.H. 38 — K-1583 — K-1585

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Certified Neosho and Osage Oats
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MISCELLANEOUS

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Plastic Gravemarkers. Something different. Beautiful beyond description. Nothing like it on earth. Inexpensive. Illustrated folder free. Hood Memorials, Kannapolis 12, N. C.

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Wanted: Produce dealers in walnut-bearing sections of Kansas to buy walnuts from producers. We provide unlimited dealer outlet at guaranteed prices. Warehouses at St. Joe, Kansas City and Ft. Scott where you deliver for extra margin. Write for dealer prices and window cards. Merrill V. Nipps, Mt. Vernon, Missouri.

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

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas
Livestock Editor

and **MIKE WILSON**, Livestock Fieldman, Muscotah, Kansas.

J. H. BANKER, of Salina, held his third annual auction of Hereford cattle. The top bull of the sale was purchased by Harry Long, Ellsworth, for \$365. Wilbur Elliott, Enterprise, purchased the top female of the auction. The 49 lots offered made a general average of \$166. These cattle were all young animals presented in their everyday farm flesh and condition. Freddie Chandler was the auctioneer.

The KANSAS STATE POLLED SHORTHORN SALE averaged \$327 on 46 lots sold. The grand champion bull of the sale was consigned by W. A. Rosenberger, of Greensburg, and was sold for \$500 to R. P. Pendergraft, Bristol, Colo. The champion female of the show was consigned by Clyde Miller, Mahaska, and sold at \$575 to Wayne K. Bolt, Raymond. Col. Jack Halsey was the auctioneer. Lot Taylor, of K. S. C., managed the sale.

KANSAS STATE SHORTHORN BREEDERS SALE, held in Hutchinson, November 19, made a general average of \$351 on the 76 lots consigned. The grand champion bull of the show was Royal Broadhorns, consigned by Tomson Bros., of Wakarusa. He sold to T. R. Cantwell, of Sterling, for \$800. The grand champion female was consigned by Kansas State College. J. M. Ruesser, of Wellington, paid the top price of \$535 for this female.

OSCAR GIDEON, Emmett, held his reduction sale at the farm, November 13. The good offering of strongly bred Mousel cattle sold at uniformly good prices. A top of \$990 was reached on a Domestic Domino, December, '46 calf purchased by Garland Gideon, of Paxico. The top heifer of the auction was Anxiety Mixer, also purchased by Garland Gideon. Cattle were sold to Kansas and Nebraska buyers. The entire offering made an average of \$304. Charles Corkle was the auctioneer.

The first COWLEY COUNTY HEREFORD BREEDERS sale averaged \$298. The cattle were presented in their everyday breeding condition. A top of \$550 was paid by Carl Knutson, Leon, for WVHR Flashy Domino 20th. This bull was consigned by Charles Wright, of Arkansas City. A heifer consigned by E. B. Shawyer, Douglass, was the top-selling animal of the auction. She was purchased by Kenneth Waite, Winfield, for \$775. Col. W. H. Heidenbrand conducted the auction.

NORTH CENTRAL KANSAS HEREFORD BREEDERS ASSOCIATION held their sale on November 4th, at Concordia. The offering was the best ever assembled by this association. The champion bull of the show was consigned by CK Ranch, Brookville. A \$700 top was reached on him, the price being paid by Otto Buresh, Oak, Neb. OK also showed the champion female of the show. She was sold to D. A. Cramer, of Chester, Neb., for \$800. Fifty-nine lots sold for a general average of \$305.

A. D. RAYL, of Hutchinson, has recently disposed of his Colorado Turkey Creek Ranch. W. C. WEISENSEE, former partner of Mr. Rayl, now becomes sole owner of the ranch. In the transaction, Mr. Rayl retained all of the cattle and they have been moved to Raylford Farms, in Reno county. There were 130 head of the above cattle. This transaction increases the present foundation herd by more than 100 females, and the greater portion of the 1947 calf crop are by WHR sires.

SAM GIBBS, of Manchester, held his 10th annual Hereford calf sale at Clay Center, November 20. Twenty-seven head were sold, all of them under 1 year old. Nineteen bulls sold for an average price of \$227, with a top of \$340 paid by Garland Quantie, of Riley. Eight heifers averaged \$170, with a top of \$220 paid by Paul K. Rau & Sons, of Wakefield. E. H. Erickson, of Olsburg, took the second-top bull at \$325. Mr. Gibbs, one of the oldest and most successful Hereford breeders in his part of the state, has contributed more than most breeders to the betterment of cattle in his immediate locality. He has always taken especial delight in breeding good Herefords for his neighbors, and what he has done over the years in adding to better cattle can hardly be estimated in dollars and cents. Mr. Dale Newell, of Wakefield, also sold 7 head at very satisfactory prices. Ross B. Schaulis conducted the sale in a highly satisfactory manner.

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IF IT'S CONCRETE WE MAKE IT
Let us tell you about the Silo that is built to last a lifetime. The very latest in design and construction. See the new large free-swinging doors and many other exclusive features. The Salina Silo has been giving farmers perfect service for 35 years. Get the Facts—Write TODAY.
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ARTHUR ROEPKE, of Waterville, one of the successful Duroc breeders of Kansas, writes that all is well with the Durocs to date. He has over 100 spring pigs already farrowed and doing well. He says the demand for bred gilts was unusually good and that he has been entirely sold out for over a month. Mr. Roepke makes the breeding and developing of Durocs his chief business. He selects breeding stock carefully and practices the most approved methods in growing animals for good future results.

BRETHOUR BROTHERS HEREFORD auction, held in Marysville, November 15, attracted buyers from Kansas, Nebraska and Arkansas. C. E. McCrife, Benton, Ark., paid the top price of \$550 for the top bull of the auction. He was lot 16, a September, '46, calf. A three-quarter brother to the top-selling bull was sold to Earl Mitchell, of Delta, for \$535. George Brown and Son, of Axtell, purchased the top female for \$440. The 78 lots sold for a general average of \$299. Colonel Guy Pettit did the selling.

The **WABAUNSEE COUNTY HEREFORD BREEDERS ASSOCIATION** held their sale on November 18. A number of bargains passed thru the auction, as the cattle were presented in their pasture condition. The 18 bulls offered averaged \$317. The top-selling bull was consigned by Richard Ziegler, Junction City, and was purchased by Allen Engler for \$900. The 28 females sold for an average of \$228. The champion heifer brought \$490, selling to Roland Johnson, Oketo. The entire offering made a general average of \$263 on the 46 lots consigned.

The **SOUTHEAST KANSAS HEREFORD BREEDERS ASSOCIATION** sale at Iola, November 4, was most successful. In a presale show, a junior-yearling bull shown by Dr. T. E. Smith, of Independence, was named champion. He was sold during the auction to Rainbow Ranch, of Neodesha, for the top of \$550. Both champion and reserve champion female were consigned by G. F. Robinson, of Fort Scott. Leon Ele, of Independence, was the final bidder on the champion female at \$460. The 49 head sold in the auction made a general average of \$285.

The **JAY L. CARSWELL & SONS HEREFORD** sale, held at Osborne, fell on a threatening day from the standpoint of weather and probably cut the attendance some. The offering was presented in just good breeding condition without fitting and local demand was only fair. Fifty-seven head were sold, all of them going to Kansas buyers. The general average was \$262, the bulls made an average of \$324, with a top of \$485 paid by D. K. Lindsley, of Morrowville. The high female sold for \$350. John C. Vetter, Beloit, was the buyer. The female average was \$240. Fred Chandler was the auctioneer.

An interesting letter from the **CARL BILLMAN SPOTTED POLAND CHINA** farm, at Holton, tells of much activity where quality spots are grown. The finest lot of gilts ever produced on the farm are being bred for farrowing on the farm and for customers who will attend the annual spring bred sow and gilt sale. The choice young boar, Kansas Chief, now heads the herd. He is a son of Big Chief, the \$3,000 boar. Lawrence Alwin, for 10 years a successful vocational teacher, is now herdsman and assistant to Mr. Billman in the matter of producing and developing the best in Spotted Poland Chinas.

KANSAS GREAT PLAINS HEREFORD ASSOCIATION sale, November 5th, at Oakley, averaged \$310 on the 54 lots consigned. An \$850 top was reached on a female consigned by Foster Farms, Alma Domino 28th. She was picked as champion of the females. B. F. Hughes, of Rexford, purchased the top female and also the second-top female of the sale. The bull top was reached twice for \$600, being paid by R. R. Shockey, Derby, on Foster Farm's consignment. Duttlinger Brothers, of Monument, consigned a bull, Prince Tredway 10th, which brought the second \$600 bull top from Sylvester Mader, Grainfield. L. C. Aicher, of Hays, judged the cattle.

The **SIMON ANGUS** dispersal, held at Emporia late in November, was attended by about 1,000 buyers, visitors and bidders. Altho it was a cloudy and cold day, 94 head were sold, the larger part going to Kansas buyers. The bull average was \$684, with a top price of \$2,400 paid by Earnest Smith, of Raymond. The females averaged \$420, with a top of \$2,000 paid by J. A. McGill, of Paris, Tex. The entire offering sold for an average of \$476. The local demand was exceptionally good and the offering sold in nice breeding form without heavy fitting. Buyers were present from 8 states: Kansas, Nebraska, Iowa, Arkansas, Missouri, Oklahoma, Texas and Colorado.

The sale of Polled Herefords in the **JESSE RIFFEL & SONS** auction at Plain View Farms, Enterprise, November 14, averaged \$832 for the second highest averaging auction of purebred livestock in the state in recent times. Seven states were represented at the auction. The 2 top-selling animals were purchased by California and Ohio buyers. George H. Wilking, Zanesville, O., purchased the top bull at \$3,000. The bull was PVF Prince W. Foley Farm, Santa Barbara, Calif., purchased Bonny Edith for the top female price at \$2,000. The 12 bulls in the auction averaged \$1,463. Thirty-five females sold for an average of \$617. The entire offering of 47 lots sold for a general average of \$832.

The **HARVEY COUNTY HEREFORD BREEDERS ASSOCIATION** held its annual sale at Newton, November 17. The day was cold and rainy and a rather small crowd was the result. The offering was of good quality and presented in good breeding condition but with no special fitting. However, the local demand was very satisfactory, indicating the satisfaction of past buyers at the association sales. Forty-two head of horned Herefords were sold, including cattle of various ages. The general average was \$191.66. The bulls averaged \$249.06, with a top of \$400 paid by S. Blair Adams, Dexter. The top female went to John Harp, of Castleton, at \$335. The female average was \$177.86. Harold Tonn was the auctioneer.

The **SAND SPRINGS HOLSTEIN DISPERSION SALE**, held at Sand Springs, Okla., was, everything considered, one of the most successful Holstein sales of the year. Conditions that make good auctions were present. Namely, good cattle from the standpoint of type and production, and an audience capable of proper appraisal and with available information calculated to assist the buyer as well as the seller. No high-pressure methods and with no attempt to mislead anyone. The offering of 68 head, including some calves selling with their mothers,

brought a general average of \$414, with the moderate top of \$1,000 for a 4-year-old cow going to Robert W. Adams, of Tulsa, Okla. The buyers were largely breeders and others who knew of the high standard of quality maintained by the organization responsible for building of this great herd. The herd was dispersed because the land where the herd was located had been sold. E. A. Dawdy managed the sale in a highly capable manner and Roy Paul was the auctioneer.

I am in receipt of a letter from **CLAUDE McKELVIE**, manager of the big Nebraska Holstein sale, held at Omaha, November 25. Mr. McKelvie commends very highly the excellent judgment of Kansas buyers in the above sale. Martin C. Ohlde, Linn, purchased an unusually high-quality first-calf springer consigned by Henry Stubbe, of Central City, Neb., for which he paid \$650. This heifer was the second top in the sale. Edwin H. Ohlde, also of Linn, bought 3 head at \$345, \$320, and \$315; all of them bred heifers. The 41 head sold in this sale brought a general average of \$385. This included 10 open heifers and 6 bull calves. The top bull sold for \$450 and the top female brought \$800. Buyers were from Nebraska, Iowa, Kansas and Oklahoma. Krashel & Hexome were the auctioneers.

KANSAS STATE ANGUS BREEDERS SHOW AND SALE, held in Hutchinson, November 6, was a much more pleasant day than their January sale of this year. The weather reached the all-time low temperature of the year for the January show and sale. George Freeman, of Perry, Okla., judged the show, placing the championship in the bull section on the consignment of Marvin Poland, of Junction City. Highland Bandoller Laddie 2nd was purchased by Henry Glenn, Meadow Lawn Farm, Newton, for \$1,050. Polands also showed the reserve champion of the show. He was purchased by Clyde Collins, Sedgewick, for \$525. H. E. Thalmann & Son, Haven, showed the female champion. She was purchased by Henry Gardiner, Ashland, for \$630. The 54 lots sold in the auction brought a general average of \$331.

The **KANSAS HEREFORD FUTURITY** broke all records at Hutchinson, November 21, for averages and top prices for their sale. The 55 lots consigned were sold for an average of \$733. CK Cascade 6th, consigned by CK Ranch, of Brookville, brought the unusually high top of \$8,000 from the Walnut Hill Hereford Ranch, of Great Bend. He was the first-prize junior-yearling of the show. Lady Tredway 52nd, consigned by J. J. Moxley, Council Grove, was the top-selling female of the auction. I. K. Lygrisse, Benton, purchased her for the sum of \$1,625. Grand champion bull of the show was consigned by Hays Hereford Farms, Cedarvale, selling at \$2,675 to Gregg Bros., Wilmore. The female champion was consigned by John Luft, Bison, going to C. W. LeForce, Bond Creek, Okla. John Blenkins, Sulphur, Okla., judged the show.

The **DUTTlinger Bros. HEREFORD** sale, held on the ranch at Monument, November 28, was attended by a crowd that indicates the popularity of this progressive firm and the high individual quality of their herd. The day was fine and sunny and more than 500 interested visitors and buyers made up the audience. Colorado buyers were in the spotlight from the standpoint of top prices. Lee Toadvine, of Ft. Collins, paid \$3,150 for the top bull and J. A. Roberson, of Gunnison, topped the female division at \$2,500. Fifty-four of the 58 head; however, went back to Kansas farms and ranches. The bull average was \$1,145 and the female average was \$724. The general average on the entire offering was \$797. The local demand was especially good. The brothers' comment is "above expectations." Freddie Chandler was the auctioneer.

Public Sales of Livestock

Aberdeen-Angus Cattle
December 29—J. Frank McKenny, King City, Mo. Sale held at Maryville, Mo.
March 1—Johnston Brothers, Belton, Mo.
March 2—Penney & James, Hamilton, Mo.
March 13—Reed Stock Farm, Wichita, Kan.
April 17—Mid-Kansas Aberdeen-Angus Association, Hutchinson, Kan. Locke Hersherberger, Sale Manager, Little River, Kan.

Ayrshire Cattle
January 10—Amanda Farms, Dispersal, Lima, Ohio. Frank Lille, Sale Manager, Bellefontaine, Ohio.
January 20—Fred Williams, Hutchinson, Kan.

Guernsey Cattle
April 30—Missouri Guernsey Breeders' Association, Columbia, Mo. H. A. Herman, Secretary, University of Missouri, Columbia, Mo.

Hereford Cattle
February 2—Walte Bros., Winfield, Kan.
February 7—Northeast Kansas Hereford Breeders' Assn., Topeka, Kan.
February 16—Kansas Hereford Association, Topeka, Kan. A. G. Pickett, Sale Manager, Manhattan, Kan.
March 1—Marshall County Hereford Assn., Maryville, Kan.
March 16—Northwest Kansas Hereford Association, Atwood, Kan. J. M. Rogers, Sales Manager.

Duroc Hogs
February 2—Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.
February 11—Clarence Miller, Alma, Kan.
February 14—Kansas Breeders' Association (Fair Grounds), Topeka, Kan.
February 24—NCK Duroc Sale, Belleville, Kan. Morley & Wreath, Sale Managers.
March 2—Wreath Farm and Germann & Son, Manhattan, Kan.

Spotted Poland China Hogs
March 2—Carl Billman, Holton, Kan.

SHEEP

Reg. Hampshire Bred Ewes
For Sale. Yearling to 5 years old.
ROY F. GILLMORE, Rt. 3, Peabody, Kan.

Dairy CATTLE

BROWN SWISS BULLS

For sale. Good, registered bulls ready for service and younger. **THEO A. KAPKE**, 6 miles north and 3 east of Fairbury, Neb., Rt. 1.

REG. BROWN SWISS

The farmer cow. Offering 2 cows and 2 heifers. **LLOYD SPESARD**, Arlington, Kan.

HOGS



Good Selection of Poland Chinas

Boars ready for service. Also fall boars and sows pigs.

BAUER BROS., Gladstone, Nebr.
(Just over the line from Kansas.)

Spotted Poland China Boars

Late spring boars—the right quality and type for profitable pig production. Reserving our spring gilts for March 2 bred sow sale.

CARL BILLMAN, Holton, Kan.

SPOTTED POLAND CHINA BOARS

Ready for service. Sows and gilts sired by or bred to Buster Boy and his helper, Advancer Grandview Supreme. Weanling pigs champion breeding. **DALE KONKEL, Haviland, Kansas.**

Spotted Poland China Hogs

Choice bred gilts and good bunch of fall pigs. Lots of quality and champion breeding. Registered and vaccinated.
EARL J. and EVERETT FIESER, Norwich, Kan.
Location 1 mile east and 1½ south and 1 east and 4¼ north of Norwich.

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Herd Sires
BRIGHT GLORY
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Spring boars and gilts, ready for new homes.
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O'BRYAN RANCH, HIATTVILLE, KANSAS

Bergstens' Improved Hampshires

Now offering outstanding spring boars, ready for service, immuned and registered. New breeding for old customers. Reserving our open gilts for our February bred gilt sale.
R. E. BERGSTEN & SONS
Randolph, Kansas

Tops of Later Spring Boars

For sale now. Sired by Crown Prince 1st and Broadacre, Registered, Immune. Shipped on approval. Come or write.
WILLIS HUSTON, Americus, Kansas

CHOICE DUROC GILTS

Sired by Top Crown, Bred to real herd sires for fall litters. Best type conformation and color. Fancy Spring Boars and Open Gilts by Top Crown. One fall boar.
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Shepherd's Superior Spring Boars

Sired by Lo Thick Master and Super Spot Light (top boars coming to Kansas in '48). These are growthy, real red, very thick, deep, smooth bodies, great hams, low set, none better. Immunized and guaranteed to please. See them or write us before buying your boar. Kansas' oldest herd. G. M. SHEPHERD, Lyons, Kan.

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The lean-meant, post-war bred. Bred gilts, unrelated pigs. Write for illustrated circular.
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PETERSON & SONS
Osage City, Kansas

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In service at
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PABST BURKE LAD STAR
Senior Sire
PABST BURKE NED
Junior Sire
Sons of these sires now available. Herd on 17th consecutive year of Holstein-Friesian Improvement Test.
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Carnation Countryman in Service. Bull calves for sale.
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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.
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Since 1906 High Production. Correct Type. Popular Bloodlines.
Ransom Farm, Homewood (Franklin Co.), Kan.

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W.H.R. Royal Domino C—3637427
Grandsires—Prince Domino C and
Super Superior 3rd. Register of
Merit animals.

Regulator Anxiety 162d—3683636
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Real Domino—4040079. Large,
Smooth Fleshed, Straight Domino
Breeding.

We invite you to inspect our herd. If you
need Registered Herefords that satisfy,
choose a bull, cow, heifer or calf. Buy at
private treaty from

MOWRY and WHITE
Milford, Kansas

Offering a HEREFORD HERD



Four good young registered Here-
ford Cows with calves by side. 3
calves sired by Martin's Beau and 1
sired by B.T.R. Major Domino.
\$1,400 for the 8 head. The cows are
rebred to B. T. R. Major Domino.

Also Martin's Beau, good 3-year-
old Polled Hereford herd bull, calves
to show. \$400.00. Would take \$1,700
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Milton F. Hettenbach
Blue Top Ranch, Chapman, Kan.

OFFERING REGISTERED POLLED HEREFORDS

bulls 7 to 10 months old. Heifers 8 to 10
months old. Also cows and bred heifers.
GRAND VIEW STOCK FARM
Polled Herefords since 1908
D. J. Shields Lost Springs, Kan.

TRY PLAIN VIEW FARMS POLLED HEREFORDS

For sale now Young Herd Bulls
and Heifers, the same breeding
and quality as sold in our sale
November 14, 1947, which was
the highest average beef cattle
sale in the state this year.
Farms on highway K-43, eight
miles north of Hope and 6 miles
south and 2 1/2 miles east of Enterprise, Kansas.
JESSE RIFFEL & SONS, Enterprise, Kan.

Registered Shorthorn Bull

Nice, roan Durham bull. A dandy, fine disposition.
Sacrifice at \$250.
W. L. GOODING, Modoc, Kansas
Farm 14 miles west and 4 miles north of
Scott City, Kansas

Reg. Beef Type Shorthorns

Several young cows and heifers. Bulls 6 to 22
months old.
ROY E. DICKSON, Calhan, Colorado

BEEFMAKER BULLS (Aberdeen-Angus)

Have become a fixed type in the opinion of
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Now For Sale Our Senior Milking Shorthorn Bull Hollandale Keystone

"Very Good" dark red, 8 years old and a
sure breeder. He has 6 RM daughters that
have made a marked average production
over their dams. First check for \$500 gets
him. Also bull calves.

GARY C. BROWN & SON
Great Bend, Kan.

Reg. Red Polled Bulls

Age 2 years. Also yearling heifers.
WM. WEISE, Haven, Kansas

The KANSAS BERKSHIRE SWINE ASSO-
CIATION sale, held in October, at Salina, was a
success from the standpoint of high quality and
rich breeding. But prices were not what they
should have been. High-priced feeds and a trifle
early for the local trade was partly responsible.
The show held in the forenoon brought out some
interesting qualities of the Berkshire as a breed.
Cliff Aubel was the judge. Both reserve cham-
pion boar and sow went to Otto Stelter, of
Haven. Grand champion sow was exhibited by
George Carpenter, of Clay Center, and the grand
champion boar by Kenneth Bohnenblust, of Bala.
The 42 head sold for a general average of \$68.
Females averaged \$72 and males averaged \$57.
The top boar sold for \$100 to Roland Patterson,
of Clifton, Tex. Top female went to J. C. Mur-
dick, of Tescott, at \$142.50. Harold Tonn was
the auctioneer and the sale was managed by
Kenneth Bohnenblust.

The seventh annual Armistice Day sale of
VALLEY VIEW RANCH, owned by W. H. Tonn
& Son, Haven, was well attended. The sale in-
cluded consignments from Ralph Cain & Son,
Orin Chain & Son, and O. W. Fishburn & Son.
Earl White, of Elkhart, bought the top bull of
the auction. Mr. White also bought the top cow
of the sale. These 2 animals were consigned by
Fishburn & Son and Ralph Cain & Son. The
sale was conducted by Col. Harold Tonn, Haven.

Trend of the Markets

Please remember that prices given
here are Kansas City tops for best qual-
ity offered:

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$30.00	\$31.00	\$31.25
Hogs	26.25	25.35	23.75
Lambs	24.25	23.00	23.35
Hens, 4 to 5 lbs.18	.17	.20 1/2
Eggs, Standards56	.47	.40 1/2
Butterfat, No. 182	.75	.85
Wheat, No. 2, Hard ..	3.19 1/2	3.03 1/2	2.21
Corn, No. 2, Yellow ..	2.78	2.61	1.36
Oats, No. 2, White ..	1.33	1.28 1/2	.90
Barley, No. 2	2.05	1.92	1.36
Alfalfa, No. 1	39.00	37.00	35.00
Prairie, No. 1	20.00	20.00	25.00

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DUALYN Milking Shorthorns

Bull calves, including a son of the National
Grand Champion Cow, Bluejacket Roan Lou,
for sale at reasonable prices. Two calves
closely related to our other National Grand
Champion, Dualyn Juniper. Herd sires:
Queenston Babraham, R.M.; Imported Ford
Earl Gwynne 11th; Neralcam Admiral and
Count Perfection. Write for prices and
descriptions.

JOHN B. GAGE, Eudora, Kansas

MILKING SHORTHORNS

Let us help you locate the cattle you need and
want. For particulars write Kan. Milking Short-
horn Soc., C. O. Heldebrecht, Sec., Inman, Kan.

OFFERING MILKING SHORTHORN
Roan herd sire, 3 years old. Sired by Maid's Duke,
second at the American Royal and out of a R.M.
dam, 254 B.F. in 259 days, Jr. 2-year-old. Come
and see his calves. N. J. MEYERS, Chase, Kan.

• AUCTIONEERS •

We Wish to Thank



each and every live-
stock breeder in Kan-
sas who have helped us
make 1947 a very suc-
cessful year. We also
look forward to serv-
ing you in the future.

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BAR PRINCE 2ND OF SUNBEAM
His get sell in this auction.

ANNOUNCEMENT:

"It is not easy to part with, in
one day, the cattle one has spent
35 years in getting together, but
—as my boys have other inter-
ests and it is time for me to let up
from the pressure of the cattle
business—I think it best that the
entire herd be dispersed."

J. FRANK McKENNY

COMPLETE DISPERSION 198 Registered Aberdeen-Angus

Sale Starts Promptly at 12 o'clock Noon—Sale Pavilion

Maryville, Mo. — Monday, December 29

Selling 129 Adult Lots and 69 Head of 1947 Calves

This is an exceptionally well-bred offering of:

96 COWS including 9 Missouri Barbaras, including heifer calves; 5 McHenry Barbaras, in-
cluding heifer calves; 20 Bandy Maid Miss Burgess, including heifer calves; 1 Witch of Endor
cow with a toppy heifer calf; 4 Juana Erica females; 2 Georgina females; 10 Elmaretta Elbas
including heifer calves; 1 5-year-old Maid of Bummars Miss Burgess cow, and other popular
families.

24 YEARLING HEIFERS including several outstanding heifers sired by Bar Prince 2nd
of Sunbeam and Blendmere Woodlawn.

15 BULLS mostly July and August, 1946, calves.

28 HEIFER CALVES

41 BULL CALVES including some excellent club calf prospects. The 1947 calves are sired
largely by sons of Bar Prince 2nd of Sunbeam and Ennobel Elba.

This offering includes the get of **BAR PRINCE 2ND OF SUNBEAM** and **BLENDEMERE
WOODLAWN**, 7 times grand champion at major shows in 1941 and top bull at International
in 1944.

This sale affords you an opportunity to secure the foundation stock that has been producing
the popular McKenny type and quality. All cattle will be moved to sale pavilion, Maryville,
Mo., on Christmas day and will be there for your convenient inspection until the sale.

Send now for your free catalog and attend

J. FRANK McKENNY, King, City, Missouri

Cols. Roy Johnston and Ray Sims, Auctioneers

Bert Powell for Kansas Farmer

AMANDA FARMS

Complete Registered Ayrshire Cattle Dispersal Sale

Lima, Ohio — Saturday, January 10 — 11 A. M.

130—Registered Ayrshire Cattle—130



This is a complete dispersal of one of the breed's
best herds, including the 6 famous herd sires, all popu-
lar proven dependable bloodlines. 50 Cows in milk or
near by to calving. Every animal is pledged to absolute
sale. Beautiful Amanda Farms will be offered if not
sold before day of sale.

TIMMERMEISTER & MULLHOLLAND, Owners

Write for catalog to Frank V. Lille, Sale Manager, Bellefontaine, Ohio.

Auctioneer: Col. Geo. Roberts, Meade, Kansas

NOTE: Arrange to attend this sale and stay over for Spot Farms, Scottish Importation Sale
on Monday, January 13 at Bellefontaine, Ohio.



AYRSHIRE AUCTION

At the Fair Grounds—Time 1 P. M.

Hutchinson, Kan., Tuesday, Jan. 20



70 HEAD OF FEMALES: They were selected in Canada and New York
by W. S. Watson. Selling 29 Bred Heifers, 12 Second Calf Heifers and
Young Cows, 24 of these will calve before March 1. Also 30 Heifer Calves of
the right ages for 4-H projects. A preferred pedigree Bull Calf from an ex-
cellent dam with 554-lb. fat record. Two other well bred bull calves.

For catalog write to

G. FRED WILLIAMS, Rt. 2, Hutchinson, Kan.

Auctioneer: Bert Powell

Mike Wilson with Kansas Farmer



Cedar Drive Farms Reg. Guernseys

Large type, very high production.
Several state champion records.

	Milk	Fat	Da.	TM	
Velvet Veda	10,700	560	305	610	Sr. 2
Lila's Lady	8,470	451	305	610	Jr. 2
Lilly's Goldie	12,105	536	305	730	Sr. 2
Happiness	11,399	598	365	730	Jr. 4
Katrina	10,206	502	305	610	Jr. 4
Beta	10,075	494	305	610	Jr. 4
Pearl	8,463	470	305	580	Jr. 4

Can spare a few good cows and heifers

J. L. NELSON
1224 N. West Street
Wichita, Kansas



Polled (Hornless) Shorthorns

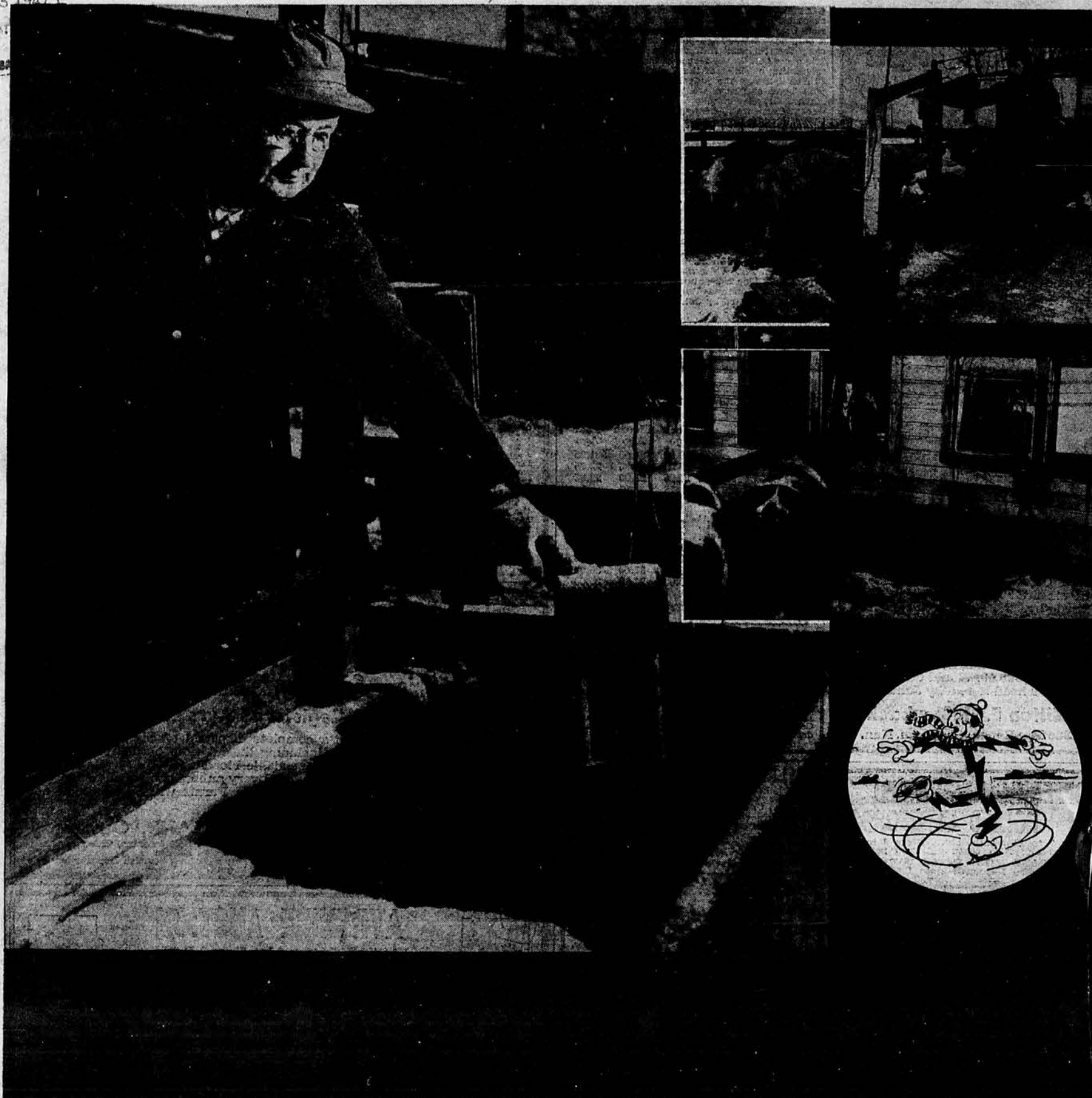
Cherry Hill Hallmark sired by the \$5,700
Gosshall Zimenes and bred by Oakwood
Farm, Ashville, Ohio. (his dam was good
enough for Cherry Hill Farms to own) and
Red Coronet 2nd sired by the International
Champion and bred by the Thiemans, Con-
cordia, Mo., are producing the most perfect
calves in the history of the herd (established
1907).

BULLS FOR SALE: We offer 10 sons by
"Cherry Hill Hallmark" and 10 sons by "Red
Coronet 2nd."

Farm Location: 22 miles west and 6 miles
south of Hutchinson.

J. C. BANBURY & SONS, Phone 13F2, Plevna, Kansas

23 1947



COLD nights and frigid mornings hold no fears for the modern Jayhawker farmer who relies on his automatic electric stock tank heater to provide his stock with plenty of water, free from ice—which means more profit.

Reddy Kilowatt will see to it that the tanks are kept in that condition just as he sees to it that there is always

power for the pumping, the milking, the refrigeration and countless other every day tasks on the farm.

Each month hundreds of additional farms are being connected to highlines and farmers all over Kansas find that they can always depend on the prompt service of the friendly electric companies listed below.

A TIMELY MESSAGE FROM THE

PIONEERS IN RURAL ELECTRIFICATION

CENTRAL KANSAS POWER CO.
EASTERN KANSAS UTILITIES, INC.
EMPIRE DISTRICT ELECTRIC CO.
THE INLAND UTILITIES COMPANY

KANSAS CITY POWER & LIGHT COMPANY
THE KANSAS ELECTRIC POWER COMPANY
KANSAS GAS AND ELECTRIC CO.

THE KANSAS POWER AND LIGHT COMPANY
WESTERN LIGHT & TELEPHONE COMPANY, INC.

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