

# KANSAS FARMER

CONTINUING MAIL & BREEZE

SEPTEMBER 20, 1947



Strip Mine Dumps Can Be Useful and Beautiful . . . See Page 6

# Keep your Cylinder Walls glistening, too!



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## 4-H Fat Show September 30

THE 15th annual Kansas National 4-H Club Fat Stock Show will be held at Wichita, September 30 thru October 4, according to Conlee Smith, general manager of the Kansas National Live Stock Show Association.

Exhibits at the show are restricted to market livestock projects of Kansas 4-H Club members. These projects include fat steers, fat swine and fat lambs, along with market poultry.

One of the outstanding activities is the sale of livestock held on the last day. These animals are the top fat 4-H animals of the state and, as such, always command premium prices.

Entries will be judged on Wednesday, October 1. The following day 4-H judges will compete in the state livestock and poultry judging, and in meat identification. Winners of these contests will represent Kansas in national competition at the International Live Stock Show in Chicago.

Other features of the event include an encampment of all exhibitors and adult leaders, the Kansas National Horse Show, a banquet, and a sheep-shearing contest.

On Friday, October 3, 4-H Club members will have an opportunity to buy feeder calves for next year's projects. These calves are selected by the Kansas National Live Stock Association and distributed among 4-H Club members at cost.

Organized in 1915, the Kansas National Live Stock Show was an open breeding show up to and including 1932. In 1933, the show was reorganized and since has been the State 4-H Fat Stock Show. From the time it was organized it has continued to grow until now it has outgrown its facilities. At present it is necessary to establish quotas for the various counties to hold down the number of exhibits.

It is believed, says Mr. Smith, that within the next few years it will be possible to obtain additional facilities for expansion. The show is financed by funds from the state, Sedgwick county, the city of Wichita, and from individuals and firms in Wichita.

### Pleased With Job

Ross Severns, Norton county farmer, is well pleased with progress of his project to reseed 18 to 25 acres of badly eroded land back to a mixture of buffalo and blue grama.

The acreage was seeded in 1946, using 2 pounds of buffalo and 6 pounds of blue grama an acre. Seeding was done in sorghum stubble, a good practice. Stock will be held off the grass another year to insure good root growth.

Land on both sides of the reseeded area has been terraced for cropping on the contour. Mr. Severns will strip-crop, seeding down the terraces. Many folks let their terraces grow up to weeds, Mr. Severns says, but there is no reason why they can't be farmed if properly constructed.

Cost of the grass reseeding, reports Mr. Severns, was about \$5 an acre. Government payments ran about \$3.50 an acre.

### Senator Capper on Radio

Every Sunday afternoon at 3:45 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

## KANSAS FARMER

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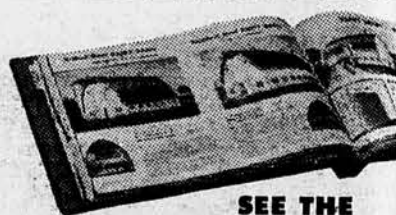
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## Safety Slogan Winners SEP 20 1947

### Stress Importance of Being Careful

IN CONNECTION with National Farm Safety Week, observed this year from July 20 to 26, Kansas farmer invited every person living on Kansas farm to send the editor a farm safety slogan. The idea was to select a slogan that will stick in our minds thruout the entire year, warning us to be careful, not take chances. As you can well imagine, a great many slogans were received by August 1, the date the contest closed. Then the board of editors selected what they thought were the best of the slogans, and printed them in the August 16 issue of Kansas Farmer. At that time farm folks over the state were invited to vote on these slogans, making first, second and third choices. Prizes offered in the contest are \$25 for first place, \$15 for second place, and \$10 for third place.

Votes are all in now and counted. The editors wish to thank all who sent in slogans, and all who voted in this contest. You did a good service, a thoughtful service to everyone on a Kansas farm by stressing the importance of being careful, avoiding accidents. You may have helped save a life in 1947. That would repay all of us for all of our efforts in farm safety work. Here are the winners:

First place and \$25 to B. Haynes, Hallowell, for the slogan, "Safety Always." It received the most votes from readers of Kansas Farmer, is easily remembered and is very good advice.

Second place and \$15 to Mrs. C. L. Dreibelbis, Pretty Prairie, for the slogan, "To Save Your Life You Can't Be Too Careful." This certainly is an unusually good slogan, well worth remembering.

Third place and \$10 to Mrs. Charles Gamble, Saint Marys, for the slogan, "Always Think Before You Act." This is exactly in keeping with safe farming.

Congratulations to the winners. You had stiff competition from Mae Coats, Elk City, with "No Accidents, No Sorrow"; Wilbur McCormick, Humboldt, "Careful Farming Keeps Farming Carefree"; Mrs. R. E. Edson, Altamont, "Better Safe Than Sorry"; Lawrence E. Meyers, Chanute, "If You Care to Keep Farming, Keep Farming With Care"; Lois Irene Meyers, Chanute, "Make Farming Pay the Safety Way"; H. A. Hall, Peyton, Colo., "Life Is Short, Don't Take a Chance"; Richard E. Tesche, Lenexa, "Let's Make the Safest Safer."

## Alfalfa Aids Eroded Fields

ALFALFA is easy to establish here and you can't beat it for badly eroded uplands," reports Fred Pfeieger, of Norton county.

He had one badly eroded upland field of 10 acres that he seeded to cane for 2 years. The second year he pastured 100 head of cattle on the 10 acres during the winter, thus building up the soil with manure. Alfalfa was seeded in the trashy field. The first year he got one cutting of hay and 12 bushels of seed. The second year he got a good cutting of hay and sold \$1,000 worth of seed off the 10 acres.

As a result of this experience he will seed 30 more acres of alfalfa next spring on cane stubble pastured this winter.

The entire farm has been getting an overhauling so Mr. Pfeieger can handle a large farming and cattle program with a minimum of help. One problem he has solved is that of a water supply. "For 7 years I hauled every ounce of water we used except drinking water

in the cistern," he says. "Now I have 8 ponds, 4 of them on 240 acres west of the house. These ponds not only have solved the stockwater problem but have raised the water level in my well at home until I now have all I want."

The beef cow herd on the farm has been built up to 125 head over a period of years and Mr. Pfeieger has worked out a neat system of handling them with a minimum of labor.

He has 35 acres of alfalfa for hay and will expand this to 100 acres shortly. Some of the steeper slopes he considers "not worth cropping any more" will be seeded to wheat and sweet clover to pasture. Native pastures are rotated and one pasture each year is held back all summer and reserved for winter grazing only. Winter barley and wheat are used for supplemental pasture, too.

Sudan and alfalfa are stacked where the cattle can run to them, which saves a lot of labor.

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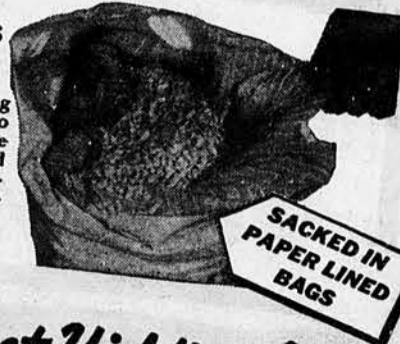
DeKalb dealers combine practical farming experience with scientific corn knowledge. They are well trained to help you solve your corn growing problems. Your local DeKalb dealer is probably one of your neighbors, so get acquainted with him today. He's a good man to know.

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## Party-Picnic Fun

These leaflets may be of interest to many when preparing for entertainment or parties this month. Suggestions for refreshments as well as games are given. Please address request to Farm Service Editor, Kansas Farmer, Topeka:

- Games for Outdoors ... price 3c.
- Tea Shower for Bride ... price 3c.
- Ideas for Club Programs price 3c.
- A School Days Party ... free.

# Good roughage cuts your feeding cost



## Save time and labor—

**STUDY CRITICALLY** what you do in moving about the barn, and its arrangement for feeding and milking. See if you are taking unnecessary steps and working yourself too hard, like carrying instead of carting things. A Minnesota dairyman with nine cows improved his milking routine, saved  $2\frac{1}{4}$  minutes per cow, 40 minutes a day, 27 working days a year!

As you probably know, cow population of the U.S. is down. But human population is growing rapidly. And nutrition authorities are urging people—men, women and children—to use more milk and dairy products for better health!

These basic facts spur us on in our efforts as co-workers of yours in the marketing of milk and other dairy products. They indicate the wisdom of adequate production to hold the present markets and point the

way to your future security through efficient milk production.

The County Agent and your dairy field service man are ready and anxious to help you plan for more uniform production of quality milk the year around.

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Any good roughage—such as timothy or Sudan hay and other non-legumes—will help cut feeding costs. But you'll need to buy less cottonseed or soybean meal or other high protein supplement if you feed such high-quality roughage as alfalfa, clover, or soybean hay and legume silage.

Your County Agent or dairy fieldman can advise you on grain mixtures for your kind of roughage.



## These Changes Save Labor

**T**O BETTER handle his combination livestock and grain program, H. G. F. Ehus, Decatur county farmer, is making major changes and improvements to his farmstead.

Last year he built a new 10,000-bushel capacity grain elevator with grain-turning facilities. "We never had to stop the combine once this year to wait on the trucks unloading," he states, "and the elevator paid for itself on this year's crop alone." The boxcar situation in Northwest Kansas was serious this year and all elevators had long waiting lines of trucks during harvest.

Also new is a 40- by 60-foot quonset hut for machinery storage. Most of the farm's heavy equipment now can be kept inside out of the weather. The entire farmstead is being rearranged back of a windbreak and Mr. Ehus is working on a unique feeding plan to cut down labor during winter months.

His feeding plan is to have 2 large pit silos in the feeding lots. Feed bunks and a concrete feeding floor will be put around the 2 silos to form an oval. An electric winch will haul silage up from the pits, and rails will be constructed for unloading at 4 points around the oval. "I believe I can cut feeding time on 75 head of cattle in half with this arrangement," he says.

## Gets 4 Cuttings

A 125-foot well makes it possible for H. G. F. Ehus, of Decatur county, to irrigate 80 acres of his farm. Usually, however, he irrigates an average of 12 acres of alfalfa and about 20 acres of sorghums to insure feed for his purebred Herefords.

"I started irrigating in 1936," says Mr. Ehus, "and never could have held my herd without it during the drouth years." As the result of irrigating his alfalfa he gets 4 cuttings each year totaling more than 4 tons of hay an acre. Without the water it would take several times the acreage to produce the needed hay.

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## Make Senator Capper Honorary Flying Farmer



George Galloway, Wakeeney, left, president of the Kansas Flying Farmers Club, presents Senator Arthur Capper with an honorary membership in the organization. Witnessing the presentation are Otis Hensley, center, Glasco, vice-president of the group; Ellis Dinsmore, second from right, Clay Center, director, and Ed Rupp, Topeka, Kansas Farmer staff member and secretary-treasurer of the Flying Farmers.

**M**OST recent addition to the Kansas Flying Farmers' Club is Senator Arthur Capper. The senior senator from Kansas was made an honorary member of the group because of his service to the club and its members. The presentation was made by George N. Galloway, Wakeeney, president of the Kansas Flying Farmers' Club, during a ceremony at the Topeka Municipal Airport, September 10.

Other representatives of the club taking part in the presentation were Otis Hensley, Glasco, vice-president of the Kansas Flying Farmers' Club; Ellis Dinsmore, Clay Center, one of the directors; and Ed Rupp, Kansas Farmer staff member and secretary-treasurer of the club.

In addition to members of Capper Publications, all 3 airlines which converge at Topeka were represented at the ceremony. Included were M. J. Chandler, TWA station manager; Robert Simonson, city traffic manager for Continental; and T. R. Farrington, city traffic manager for Braniff.

It was Kansas Farmer, one of Senator Capper's farm papers, that sponsored the Kansas Flying Farmers' Club when it was first organized in May, 1946. Since then Kansas Farmer has continued to help the club until it has grown to be the largest state flying organization in the U. S. Present membership has gone well beyond the 200-mark and it continues to grow.

### Luncheon Honors Flyers

At the luncheon for the Kansas Flying Farmers Senator Capper said:

"I want you to know I deeply appreciate the compliment of being made an honorary member of the Kansas Flying Farmers. I realize you folks are pretty busy out on the farm these days. So the fact you have taken time off to come here and take me into your very forward-looking organization is something I'll not forget.

"I really didn't intend to get into the pilot class so soon. But 3 of your members came down to Washington for some new airplanes and got me thoroughly interested in aviation and its relation to farming. Those 3 Kansas farm flyers as you know were George Galloway, of Wakeeney; William Janssen, of McPherson; and Ernest Schneider, also of Wakeeney. We had lunch together, and I took them over to the White House where they inducted President Truman into the Kansas Flying Farmer group. That was a good stunt and got a lot of favorable publicity for Kansas.

"But I want to add this word. President Truman wasn't the only person who got a lot of notice out of that event. If you don't know it already, I'm reporting to you now that our 3 airplane 'punchers' from Kansas farms

wore cowboy boots, and they certainly made an impression in the East. I expect folks back there are still talking about the 3 'cowpunchers' from Kansas who got in to see the President, and who herded their cattle in airplanes out home.

"While I can't promise to be as good a pilot as you farm men who flew your own planes in to Topeka today, I can tell you I am greatly interested in your advanced thinking and up-to-the-minute actions in taking on the airplane to see how it fits agriculture. You have found very fast transportation in them. You find flying good recreation—and quite safe if you don't take chances. I think maybe the airplane will help in a measure to keep some of our younger folks on the farms where they are so badly needed. I'm going to watch with keen interest to see what else the airplane can do on our farms.

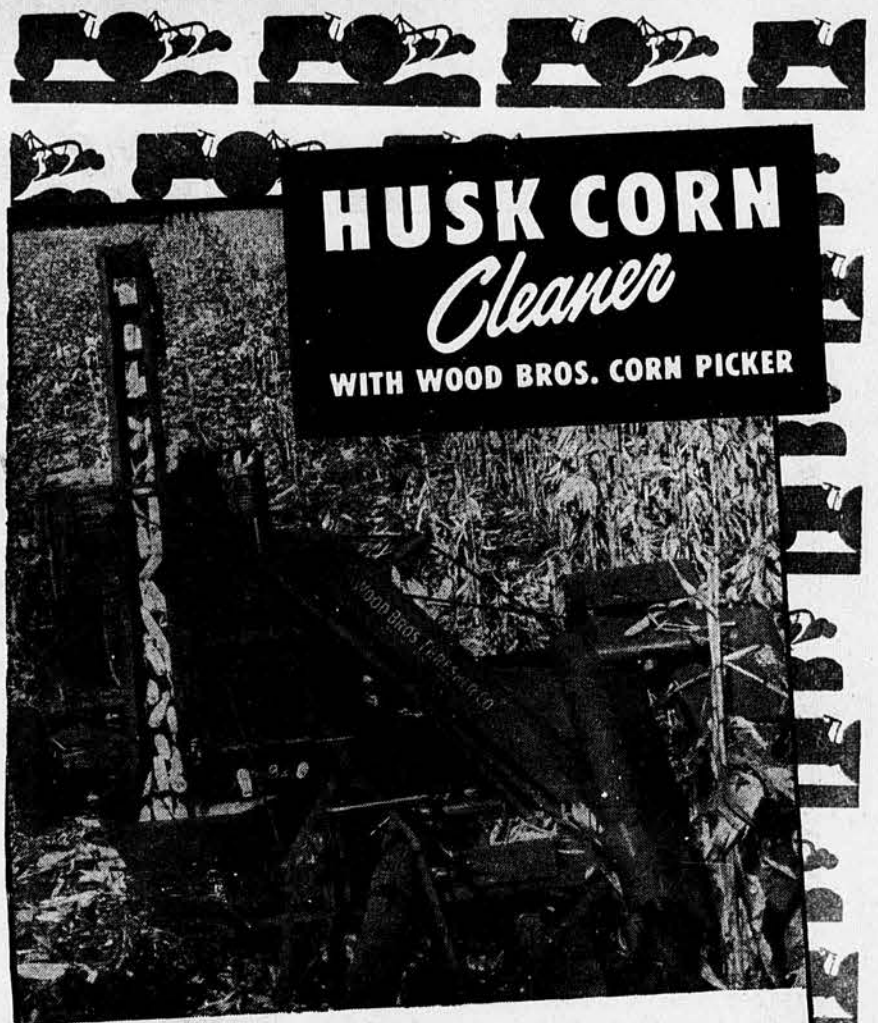
"You know I am interested in the Kansas Flying Farmers. I have been ever since this group was organized thru Kansas Farmer which is one of the farm papers I publish. I am sorry I couldn't be with you out there at Hutchinson on May 20, 1946, when you organized. I know it was a great day because of the reports I read in Kansas Farmer, and from what Henry Blake, our general manager, and Ray Gilkeson and Ed Rupp told me about it.

"You had the biggest organization-day crowd of any of the 28 states now having Flying Farmer groups. You had the most charter members, and you now have the largest Flying Farmer organization among the 28 states with 215 or 220 members. Some of the officers predicts your membership will reach 300 before the end of the year.

### Proud of Kansas Farmers

"I am glad and proud to know that Alfred Ward, of Johnson in Stanton county, is a national vice-president of the Flying Farmers; and that Walter Frizzel, of Larned, is a national director. I can say the national organization knows how to pick good men. I hope soon the president of the national association will be from Kansas.

"In closing let me say I will do anything I can to help the Kansas Flying Farmers—and Kansas farmers generally. I will be here in Topeka and over Kansas until the next session of Congress, and will be glad to see any of you any time. When Congress again convenes, of course, I will be back in Washington. And there I promise to use my best efforts in keeping agricultural things from doing any tailspins or ground-loops. As chairman of the Senate Agricultural Committee, I will be glad to hear from you any time, with your ideas of what can be done for the good of agriculture."



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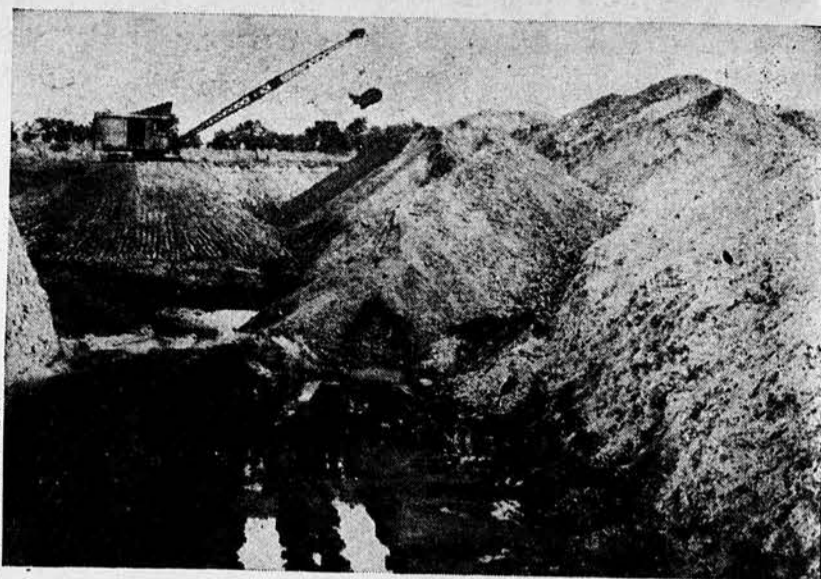


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IMPLEMENTS**

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# Strip mine dumps can be Farmed!

By DICK MANN



Coal strip mining eventually will tear up 100,000 acres of Southeast Kansas farm land. Shown here is a small stripping operation, illustrating what happens to the soil.



Grapes have commercial possibilities on the old mine dumps, as shown here. This grape arbor is part of an extensive experiment with fruits and nut-bearing trees.



Paul Phelps, farm manager for the Pittsburg & Midway Coal Mining Co., can barely be seen standing in rank sweet clover growing on spoils banks. These banks now are making wonderful pasture.

**D**ON'T be surprised if some of these days you hear a Southeastern Kansas farmer remark that his cattle are "down in the dumps." When he makes that remark he will be talking about the strip mine dumps that eventually will cover 100,000 acres in the southeastern corner of Kansas. And he won't mean that his cows are doing poorly, either. They will be out in those old mine dumps eating their heads off in the best grass that Southeast Kansas ever produced.

But, before you really can appreciate what's going on "down in the dumps," let's review the history of the strip mine area.

Most of the land is fairly flat but not too productive. Top soil is not very deep and is underlaid with hardpan, which prevents deep plant-root growth. All of it requires heavy applications of lime and fertilizers to produce well. Value of most of the land for agricultural use prior to the war was about \$35 an acre. Most of the farms have been too small to be highly profitable, and there is a shortage of pasture because practically all of the soil is tillable. Water supplies for both stock and farmstead use always have been a limiting factor.

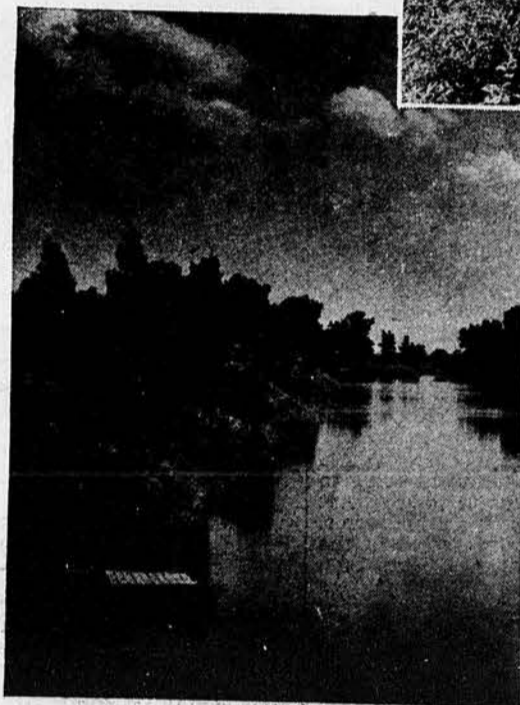
Advantages of the area include plenty of rainfall, a long growing season, and adaptability of a wide range of crops, grass and fruit and forest trees.

Approximately 26,000 acres of this land now have been torn up beyond recognition by strip mining. Imagine, if you can, your farm in one of these stripped areas. Say you have a section of farm land, most of it tillable. Actually, farm units average much smaller than this in the area. When stripping is completed on your farm you find that the 2 remaining quarters may be on opposite sides of the dumps, which often are uncrossable except on foot. Your farm no longer is large enough to make you a good living and your farming problems are increased many fold.

Because stripping for coal so often breaks up the farm as a unit, mining companies usually buy the entire farm, operate it on a tenant basis until stripped, and the remaining scattered fields after stripping.

According to Paul Phelps, farm manager for the Pittsburg & Midway Coal Mining Co., few sections have as much as 50 per cent of the land stripped but a lot of sections will run 30 to 40 per cent.

You easily can visualize what your farm would look like if giant shovels were to make a series of ditches, ranging from 8 to 28 feet deep and 10 to



As shown on the cover, this strip mine near Pittsburg has become a beautiful lake thru planting hybrid poplars around it. The water is stocked with fish. Thousands of such pits may make the area a fishing paradise.

50 feet wide, across your fields. Average depth of stripping operations is about 22 feet.

When the big shovels move on, the land is covered with these huge ditches, plus the giant piles of the spoils banks that rise alongside. "Why don't they put the dirt back in the ditches when they are thru?" This is a natural question. Company officials point out, however, that it would cost from \$100 to \$300 an acre to level the land, which was worth only \$35 an acre originally. On top of this



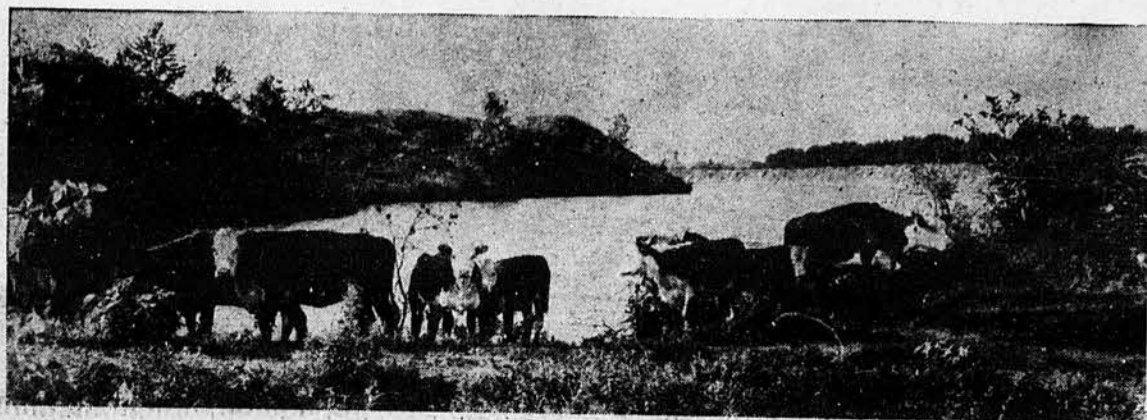
John Krajicek, of the U. S. Forest Service, examines Jack and Virginia pines planted on mine dumps in 1942 as part of an experiment to determine what commercial use can be made of the dumps.

the companies usually buy the land for \$100 an acre to get the coal rights, so they already have paid \$65 an acre above the surface value of the land.

Some persons believe that coal companies abandon the land after the coal is stripped from it. This is true of only a few small companies. All major companies continue to carry the stripped land on their tax rolls at a valuation of \$10 an acre. Taxes on the dump acres are 50 cents an acre a year.

Until recently everyone, including the mining companies, considered the dump acreage as a dead loss, with no possibilities for reclamation. Now, rather extensive experiments indicate that the stripped areas may be among the most valuable agricultural land in Southeast Kansas.

One of the first men to suspect the possibilities was H. A. Holzer, president of the Pittsburg Iron Company, and an amateur horticulturist. Mr. Holzer noticed that after the strip dumps had weathered a few years they gradually became covered with weeds, sweet clover and trees (mostly cottonwoods). "If things will [Continued on Page 24]



Fine cattle now graze sweet clover and grass on the spoils banks and get water from the old mine pits. The Pittsburg & Midway Coal Mining Co., is making extensive experiments on reclaiming the spoils banks for pasture.

# Farm Matters

## AS I SEE THEM

I WOULD like to believe that present prices for wheat, corn, cattle, hogs, sheep—most farm products—and a prospective national dollar income of 200 billion dollars spell prosperity. Especially when all this is accompanied by full employment, the highest wages, as well as nearly the highest prices in our history, according to the records.

But I am afraid that mixed in with these evidences of good times (prosperity) is a considerable inflation. And also severe economic dislocations at home and abroad; and unnatural and artificially stimulated export markets for American industrial as well as agricultural products. These latter factors add to the inflationary pressures.

I feel that most Kansas farmers, particularly those who went thru the high prices of World War I, and the subsequent deflations (one in 1920 and then the real post-World War I depression which started in 1929), also have serious doubts as the permanence of the current so-called "prosperity." Perhaps, like myself, you are inclined to believe there is a large element of inflation in the picture. And bitter experiences in the past have come to those who mistook currency inflation for prosperity.

It is easy for us to look back a quarter of a century and recognize that Germany, for instance, suffered from a disastrous inflation—that country had lots of money and high prices and high wages. But we know now it was inflation. It is easy for us to look over to China and realize the Chinese have a disastrous inflation, in the later stages; lots of dollars, stratospherically high prices, and ruin.

But here at home, our high prices, our high wages, our 200-billion-dollar national income (the highest in prewar years was around 85 billions; in the depression thirties it was below 50 billion dollars) some prefer to regard as prosperity. Just the same, I am warning that in this prosperity there is such a degree of inflation that I am disturbed by it. And I am again tempted to suggest that Kansas farmers take advantage of these high farm prices and incomes to get themselves out of debt, and lay by enough reserves to stand the shock that I am fearful will come, sooner or later.

Foregoing is partly responsible for my lack of enthusiasm for going into another huge spending-lending program for Europe, and logically then for the rest of the world. I am not a hard-hearted man. I am willing that the people of the United States should make every helpful sacrifice possible to reconstruct and rehabilitate the war-torn world.

I do not know, frankly, what the Marshall program, outgrowth of the original Marshall proposal (made last June by Secretary of State Marshall in a commencement address at Harvard) will be when it is presented to the Congress. I have been informed that the 16 European nations which held conferences recently in Paris, totaled up "needs" amounting to 28 or 30 billion dollars, to be supplied by the United States over the next 4 years.

Any such load as that, I am certain, is more than the people of the United States can afford to carry. Supplying that many dollars, then keeping the dollars and exporting that amount in foodstuffs, capital goods, and other materials and goods, would bring about an inflation and subsequent deflation in the United States that might wreck us entirely.

Our own State Department has let it be known—to us and presumably to the peoples of Europe—that any such scheme is out of the question; as unreasonable and unthinkable as the recent suggestion of Foreign Minister Bevin of Britain, that the United States "distribute" our Fort Knox monetary gold reserve among the other nations, so these would "have purchasing power." It seems to me I could almost hear the late Huey Long, of Louisi-

ana, trying to sell his "share the wealth" program to the late Will Rogers, one day when they two were my luncheon guests in the Senate restaurant. Will Rogers listened, shook his head, said simply, "It won't work, Huey."

I am not passing judgment on whatever proposal the Administration, thru the White House or thru the State Department, or both, puts up to Congress. I don't know whether it will be checked up at a special session or in the next regular session.

But I do say that whatever program is presented will have to provide plans and specifications for Europe to do its share in reconstruction, thru getting back to production and toward political and economic sanity, before I vote for any great number of billion dollars more aid for Europe. On the other hand, I am willing to continue reasonable assistance to nations which in good faith are attempting to get back on their feet. I hope that is the kind of a program that Secretary Marshall, thru President Truman presumably, will present.

Also, I want some assurance that our own Government is ready to put its own house in order, reduce Government expenditures to the limit within which it can operate properly, and stop this inflationary spiral for which Government spending and policies primarily are responsible.

### Fires Are Too Costly

I THINK you may be interested in some facts I have on how much fires cost us every year. This information is timely in connection with National Fire Prevention Week, which this year will be October 5 to 11. The President of the United States and the governors of all of our states, have joined in proclaiming this week as set aside to fight this great hazard. And I want to voice my hope that farmers thruout Kansas will make a special effort during these 7 days to eliminate all the firetraps on their farms.

Outside of war, I don't believe I can point out anything more destructive than fire. It certainly can put a farm out of operation in a hurry, perhaps permanently so far as the present occupant is concerned. A bad fire can put a farm family out of business, wipe out whole sections of crops, lay towns and cities low. Fire surely is a good friend when controlled, but a powerful enemy when it gets out of hand.

Fire prevention has a special meaning for farmers because in 1946, alone, almost 90 million dollars in farm buildings and property were damaged by fire. One fire protection authority says that if all the barns which burned last year—there were 16,600 of them—could be placed end to end, they would stretch out 450 miles.

Total farm fire loss in the U. S. is estimated at 85 million dollars annually over a period of years. So last year's 90-million-dollar loss was up 5 million dollars. It is hoped this will not be increased in 1947. But if it isn't it seems apparent that more than usual care must be exercised. Even worse than property loss, much worse, is the fact that farm fires cost the lives of 3,500 people every year. This is more than one third of the total U. S. loss of life by fire.

I know farm folks don't have a chance at fire-fighting equipment like they do in towns and cities. But something can be done during fire prevention week—and every week in the year—to reduce the farm fire hazards. Perhaps reviewing the causes of farm fires will help a person to know just where

to start. I find the principal causes of farm fires are lightning, defective chimneys, sparks on roofs, stoves and furnaces, gasoline and kerosene, hot ashes, spontaneous ignition of hay, misuse of electricity, and matches and smoking.

It seems to me if a farm family would take each one of these

items, study how dangerous they are to the farm and work out the best possible means to prevent fires from these sources, the problem would be largely solved. It is possible to do as good a job of cutting down farm fires as has been done in reducing farm accidents. I hope Kansas will have a very low figure in each case this year.

In town and country alike, fire strikes quite regularly. Here, for example, are the principal causes of fires for a one-year period: Smoking and matches, 93,000 fires causing a loss of 38 million dollars; misuse of electrical equipment and defective wiring, 47,000 fires with a loss of 36 million dollars; defective heating equipment, 45,000 fires costing 25 million dollars; defective or overheated chimneys and flues, 40,000 fires with a loss of 17½ million dollars; sparks on roofs, 39,000 fires doing 51½ million dollars of damage; careless handling of flammable liquids, 28,000 fires with a 16-million-dollar loss; children playing with matches, 26,000 fires costing 4½ million dollars. These are merely the principal causes of fires. Many, many more fires caused a lot of damage and loss of life but how those fires started was not determined.

Apparently the home is a bad place for fires the same as for accidents. We have about 600,000 building fires every year. Out of that number, 276,000 are in homes. Farm homes and town homes alike. That would be a good place to start on the fire-prevention check-up. Schools are far down the list with only 2,200 fires a year, but that is far too many, and very dangerous to a lot of children. Church fires reach 2,100 a year, while hospitals end the list with only 1,000 fires a year. Good authorities tell us there are 1,650 fires every day in the United States—760 in homes, 140 in stores, 80 in factories, 6 in churches, 6 in schools, and 3 in hospitals. Apparently the whole country needs to take fire prevention week seriously.

It might be a good idea to have family fire drills, or perhaps neighborhood fire drills. I have known rather steady people to become highly excited when fire struck. One friend had some very valuable books which he said he would save first of all—aside from members of his family—if his house caught on fire. Well, the family was away when the house did catch on fire. Informed about it, he rushed home, ran into the front room, picked up a little rug and ran out again never once thinking about his books, all of which burned.

If the family has been trained in what to do in case of fire, or the neighbors have done a little practicing, there will be more chance of putting the fire out and holding damage to a minimum. All members of the family and the neighbors could very well know where to find fire-fighting equipment and the right method of using it. Fire extinguishers can be installed in the most convenient places. Many farms have been spared costly fire damage because a fire extinguisher was handy. The fire experts tell us that prompt use of the fire extinguisher is very important, because the first 5 minutes spent in fighting a fire can mean more than the next 5 hours.

I sincerely hope there will be very few farm fires in Kansas the balance of this year.

*Arthur Capper*  
Topeka, Kan.

## Dollars for Europe Is the Cry

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON this week is looking forward to a special session of Congress that nobody wants, but that an increasing number of those in touch with things believe will be necessary.

Time—Probably in November.

Purpose—Dollars for Europe.

Problems—Everything else from high prices to lower taxes—and the

1948 political campaign just around the corner, but not the corner that prosperity hung around 19 years ago.

President Truman can call a special session to consider foreign problems.

But after Congress meets, no one can confine Congress to that one issue.

What with corn, wheat and meat prices skyrocketing; coal prices pressing up steel prices; steel prices pressing up costs of things made from steel,

or using steel products in processing; wage pressures all working upward; state and local taxes pushing upward; unnumbered groups demanding they be given access to the Federal Treasury for ever-growing amounts—there is a growing feeling that instead of an era of prosperity what the country really is riding is an era of inflation  
(Continued on Page 21)

*NOW—you can have*

# Power Line Voltage



**WITH THE NEW**

## 110-VOLT D.C. WINCHARGER

And—you can use "STANDARD" appliances!

Those "standard," "city-type" appliances that operate on universal current—that is, on either 110 volt A.C. or 110 volt D.C. electricity, such as radios, vacuum cleaners, toasters, food mixers, coffee makers, for example—can be operated on the new 110 volt Winco Power Wincharger.

Also, most motor-driven appliances, such as washing machines, water pumps, milkers, separators, drills, grinders, etc., can be bought for 110 volt D.C. operation. No longer do you have to buy special, "farm-type," appliances, except for hermetically sealed refrigerators and automatic, thermostatically-controlled heating appliances. And even in the case of these appliances, refrigerators with "open-type" compressors and non-thermostatically-controlled irons are available. Simple provision can be readily made for operation of radio-phonograph combinations.

Furthermore, you can use standard 110 volt house-wiring with the new 110 volt Winco Power Wincharger. Same wire, at the same cost, as in town.

The 110 volt Winco Power Wincharger provides sufficient electricity for a well electrified farming operation—much more electricity than the average R.E.A. customer uses (based on latest R.E.A. annual statistical report).

And—economical—no monthly "electric bills"—power from the free wind.

(1) "Standard" appliances. (2) Standard wiring. (3) Plenty of electricity. (4) Economical. (5) Available now!

SO—WHY WAIT?

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### WINCHARGER CORPORATION

Dept. FP 147, Sioux City 8, Iowa

Gentlemen: I would like to know more about your 110-volt D.C. Wincharger and how I can save 30% on the 110-volt Wincharger battery, W-411-GR.

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For a limited time only—while this new 110-volt Wincharger is being introduced—you can save 30% on the 110 volt W-411-GR Wincharger battery when buying your 110-volt Winco Power Wincharger. Just mail in this coupon at the left, to the address listed below, and a representative of your Wincharger distributor will call on you to tell you about the new 110-volt Winco Power Wincharger and show you how you can save 30% on the 110-volt battery.

## Hits New Peak With Wide-Spaced Oats

**W**IDE-SPACED oats with sweet clover growing between the rows is not new for Paul Danielson, McPherson county. He first tried it in 1944 and now has completed 4 crop seasons using the plan. He tried it even before it was recommended as a general practice, he recalls with a smile.

He has had good clover stands as well as oats yields, but this year topped them all. His certified osage made 79 bushels an acre from a 28-acre field. At the same time a good stand of Madrid sweet clover was established, altho kept back temporarily by the heavy oats.

Last year dry weather took the corn early. It was put in the silo in August. That was his oats ground. Mr. Daniel-

son plowed the field during winter and applied 100 pounds of 32 per cent nitrate before seeding oats in 14-inch rows early in spring. When seeding he also applied 30 pounds of available phosphate an acre.

Clover itself makes a good cash return. Two years ago he harvested 4½ bushels of Madrid seed an acre. This year it made between 3 and 4. In addition he gains valuable pasture. Mr. Danielson had 130 ewes grazing on 20 acres of brome and 12 acres of sweet clover last fall for 2 months. The brome was seeded into ground where he grew his first Madrid clover.

He will have the same number of ewes on his farm this fall and again will utilize the sweet clover pasture.

## Wheat Needs Both Nitrogen and Phosphate

**I**T DOESN'T pay to use nitrogen on wheat unless you use phosphate, too, believes Earl Benjamin, Anderson county. There also is a correct time to apply the nitrogen for best results, he finds.

Last fall Mr. Benjamin drilled 100 pounds of 20 per cent phosphate in with the wheat. Then, during the middle of March, this year, he drilled in 100 pounds of 32 per cent ammonium nitrate an acre as a top dressing on part of the field. Two weeks later he finished the rest of the field with the top dressing. His yield on wheat that was top dressed first was double that of untreated wheat. The increase for the later application of nitrogen was only about 4 bushels an acre. "I could see the difference in the wheat 10 days after the first application about March 15," he reports.

Yield of brome pasture and hay also was about doubled for Mr. Benjamin by top dressing with 100 pounds of 32 per cent nitrate about March 15.

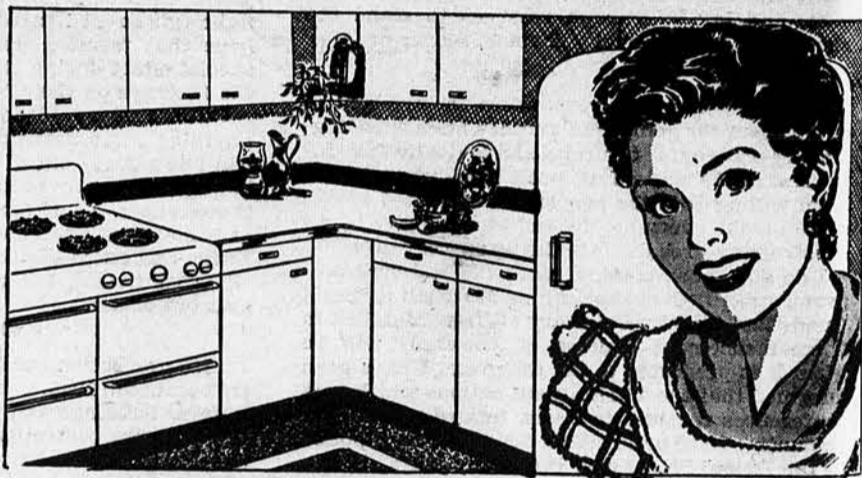
On his brome-grass waterways, part were top dressed with 100 pounds of 32 per cent nitrate and part were not.

Where nitrate was used the brome headed out well and produced a good seed crop. Little seed was produced where nitrate was not applied.

## How to Save Corn

A bushel of corn will put more fat on a steer in summer than it will in winter, according to O. W. Holmes, Linn county. For that reason he no longer feeds large quantities of grain to cattle in winter. Instead he roughs them thru with hay and ensilage and small quantities of grain. After cheap gains on spring pasture, he begins to feed grain in July or August. His cattle then are ready for a favorable fall market.

Mr. Holmes says he has been feeding hundreds of cattle each season for some years. Much of it has been winter feeding, he says. But his summer feeding trials have produced good results. It saves a lot of heavy work in winter mud, he reports, and it reduces manure hauling. Much of the fertilizer is applied directly to the fields while the cattle are on pasture.



## "Gives me a lift!" ... A SKELGAS KITCHEN

Yes, a bright, modern SKELGAS kitchen lifts you out of old-fashioned homemaking drudgery—makes work go faster and easier, gives you more leisure hours, better living all around.

Think of it—with SKELGAS and SKELGAS APPLIANCES you get a round-the-clock hot water supply . . . safe, sure, automatic refrigeration . . . cool, fast, carefree cooking. Find out NOW how you can have a SKELGAS kitchen!

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Lloyd Burlingham

With farm news and weekly winners in the Skelly Agricultural Achievement Award, every Saturday.



Alex Dreier  
With the first network news commentary of the day, Monday through Friday.



# SKELGAS

DIVISION OF SKELLY OIL COMPANY, BOX 436, KANSAS CITY, MISSOURI

## Free Fair at Its Best!

Osage County Earned Place in Spotlight

THE best beef and dairy shows in years" would be an apt description of this year's Kansas Free Fair, at Topeka.

Both in numbers and quality, the cattle shows in open and 4-H Club competition were tops. Many outstanding herds from other states made the going tough for Kansas breeders, but, as one Kansas dairyman remarked, "It's a fine thing for all of us to run up against the best animals in our breed."

Over in the 4-H Club baby beef show something happened that hadn't occurred previously in 21 years of Free Fair competition. One county, Osage, swept top honors in all 3 breeds, and

all but one of the animals were shown by members of a single club, the North Osage Livestock Club. It was a grand climax for B. N. Cooper, leader of the club for all 21 years of competition at Topeka.

A very fine poultry show was held again this year after having been cancelled last year because of the threat of Newcastle disease. There was a fine 4-H poultry division in the poultry show.

More machinery and manufactured articles than farmers had seen in years were on display all over the fair grounds. Agricultural and home economics displays were up to their usual quality, too.

Suffolk sheep were shown at Topeka for the first time this year. Competition in both 4-H and open classes of sheep and swine was good.

Weather was ideal thruout most of the week and crowds broke all previous records. All in all, the Kansas Free Fair lived up to advance publicity of being "bigger and better than ever."

Following are the results of the 4-H Club livestock show:

### Baby Beef

Grand champion, an Angus, Dean Cooper, Osage county; reserve champion, an Angus, Roland Bond, Osage; champion Angus, Dean Cooper; reserve champion, Roland Bond; champion Shorthorn, Dean Cooper; reserve, Jim Phillips, Wabaunsee; champion Hereford, Leland Jensen, Osage; reserve, Robert Reid, Shawnee.

### Dairy

Champion Holstein, Leonard Chamberlain, Lyon county; reserve, David Palmer, Shawnee; champion Ayrshire, Charles Rogers, Brown; reserve, Eldon Shafer, Jackson; champion Jersey, Beryl Ellen Smith, Doniphan; reserve, Dwight Reece, Atchison; champion Guernsey, William K. Schilling, Brown; reserve, Stanley Hastings, Brown; champion Milking Shorthorn, Anita Dalquest, Morris; reserve, Gary Dalquest, Morris; champion Brown Swiss, Calvin George Weeks, Douglas. No reserve champion.

### Swine

(Fat, or market pigs)  
Spotted Poland China (blue ribbons): Nancy Perry and Lois Perry, Shawnee;  
(Continued on Page 10)



Unable to find any competition in the 4-H Club show at the Kansas Free Fair, Calvin Weeks, of Douglas county, took his senior yearling Brown Swiss heifer, H. B. F. Trixie, into the open class and won first place. Calvin is a member of the Meadow Lark 4-H Club.



Audrey Golden, left, and Georgia Lundberg, members of the Southeast Scott County 4-H Club, demonstrate home pasteurization of milk at the Free Fair.



For the first time in 21 years of 4-H Club competition at the Kansas Free Fair champions in all 3 breeds of the baby beef show went to one county. Shown here, left to right, are Dean Cooper with his grand champion Angus and champion Shorthorn; Roland Bond with the reserve champion Angus; Leland Jensen with the champion Hereford. In the background is B. N. Cooper, father of Dean and leader of the North Osage Livestock Club.



# PIONEER Hybrids

**P**lease remember—that small kernels come off the same ear as large kernels.

They have exactly the same parentage and the same characteristics—they will produce just as good and PROFITABLE Yields.

### SMALL KERNELS OFFER DOUBLE ECONOMY

A bushel of small kernels will plant a greater acreage.

A bushel of small kernels costs less to buy.

Ask your local PIONEER Sales Representative for the complete facts about PIONEER—the Peer of all Hybrids.

# Get the *Extra Beef* that's in Your Feed

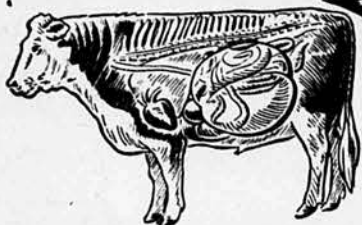
## Feed Morton's Free Choice Salt

Feed is the expensive part of producing beef. It accounts for 85 per cent of the cost. Often that cost can be cut. Shortchanging the animal won't do it . . . that only means higher costs. The secret is helping the animal to digest and assimilate its feed more completely, more efficiently. And often, all it takes is Free Choice Salt.

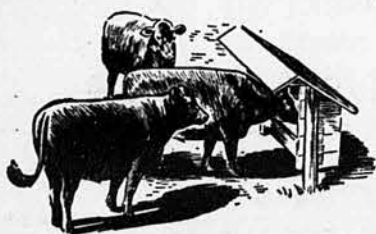
This is true of hogs . . . of dairy cows . . . of sheep. It's equally true of beef animals. With plenty of salt they look better . . . make faster gains . . . get more good out of their feed . . . The FREE Book below shows how and why. Write for your copy.



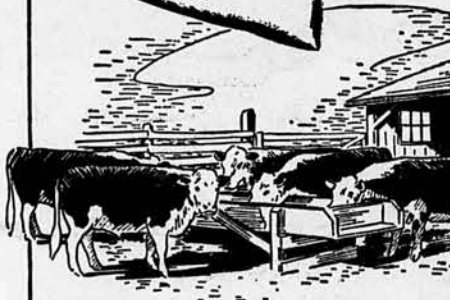
**SALT IS THE MOST ESSENTIAL MINERAL.** It's more than an appetizer. It's actually needed for the proper digestion and assimilation of protein, fats, and carbohydrates. Helps livestock put on weight rapidly . . . eat less per pound of gain . . . reach market weight earlier.



**SALT STIMULATES DIGESTION.** It supplies chlorine for hydrochloric acid needed in the digestion of protein. It also supplies sodium which is vital for the assimilation and use of fats and carbohydrates in feed.



**FEED SALT FREE CHOICE.** For best results, salt should be fed Free Choice. In that way, each animal can take all it wants and needs for health and thrift, low feeding costs, most efficient use of its feed.



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Every farmer and feeder should have this practical, well illustrated 40-page book which tells, in detail, how to feed salt for the greatest gain. Not only tells how to feed salt free choice, but also provides plans for making practical, economical feeders. Only book of its kind — and it's free for the asking. A penny postcard will bring your copy by return mail, postpaid. Morton Salt Company, 310 S. Michigan Ave., Chicago 4, Ill.

## Free Fair at Its Best

(Continued from Page 9)



Locust Lea Nick, shown by Richard and Raymond Scholz, Lancaster, and Locust Lea Prize Tillie, shown by John Keas, Effingham, were judged grand champion male and female in the Ayrshire show at the Kansas Free Fair. Shown here with the champions are Richard Scholz, left, and Mr. Keas.

Chester White; Phyllis Cole, Shawnee; Duroc Jersey: Herman Popp, Reno; James Brandley, Jackson (2); Poland China: Arthur Hammarlund, Wabunsee; Hampshires: Gerald Healer, Reno.

(Purebred Gilts)  
Spotted Poland China: Kenneth Del Felder, Shawnee; Duroc Jersey: Herman Popp, Reno; James Brandley, Jackson (2); Poland China: Ruth Saylor, Osage; Hampshire: Harold E. Williams, Jackson, and George Stanwix, Jefferson. Grand champion barrow, Arthur Hammarlund, Wabunsee. Purple ribbon group, Arthur Hammarlund, Wabunsee; Nancy Perry, Shawnee, and Herman Popp, Reno.

### Sheep

Fat market lambs (less than 90 lbs.): Robert Clarke, Jefferson. Fat market lambs (90 lbs. or more): Janice Phillips, Wabunsee; Arlos Rusk, Sumner, and Herman Popp, Reno.

Purebred lambs: Shropshire: Pauline Bundy, Shawnee, and Janice Phillips, Wabunsee; Hampshire: Merlin Duane Wilson, Shawnee.

Top placings in adult or open divisions of the fair are as follows:

### Beef Cattle

**HEREFORDS:** Champion bull, CK Ranch, Brookville, on Creator 13. Reserve, Turner Ranch, Sulphur, Okla., on T Royal Rupert 190. Champion female, John E. Taylor, Great Bend, on Walnut Hill Bonny. Reserve, Jim Hering, McGregor, Tex., on Miss S H Publican 1st.

**SHORTHORNS:** Champion bull, J. A. Collier, Fletcher, Okla., on Hallwood Roths. Reserve, Hal Williams, Madison, Calif., on Golden Bull Royal Leader. Champion female, J. A. Collier on Rosemond 131. Reserve, J. A. Collier on Rosemond 132.

**ANGUS:** Grand champion bull, Sunflower Farm, Everest, on Sunflower's Prince 13; reserve, Sunflower Farm on Sunflower's Revolt.

Grand champion female, Camp & Sheets, Charlotte, Iowa, on Elbina of Goose Creek; reserve, Sunflower Farm on Sunflower Blackbird 35.

### Dairy

**MILKING SHORTHORNS:** Junior champion bull, Nels T. Torkelson, Everest, on Olwood Grand; senior and grand champion bull, Weidner Prairie Farm, Dalton City, Ill., on Prairie King; junior champion female, Weidner on Prairie Peggy 3rd; senior and grand champion female, Weidner on Adbeth Baby Snooks.

**BROWN SWISS:** Junior champion bull, G. D. Sluss, El Dorado, on ElDorado Happy; senior and grand champion bull, G. D. Sluss on ElDorado Gronyer Forest; junior champion and grand champion female, Dick Burch, El Dorado, on LaDonna Gal; senior champion female, Carleton D. Beh Farm, Des Moines, Iowa, on Yodler Charming June.

**JERSEY:** Junior champion bull, James E. Berry and A. Knoepper, Ottawa, on Geonnals Black King; senior and grand champion bull, Smith Brothers, Highland, on Applecone Design; junior and grand champion female, Hallmark Farm, K. C., Mo., on Highfield Advancer May; senior champion female, East Central Jersey Parish, on Jean Spotted Beauty.

**AYRSHIRE:** Junior champion bull, Bryan Unruh, Marion, on Neshaming VJ; senior and grand champion bull, Richard and Raymond Scholz, Lancaster, on Locust Lea Prize Nick; junior and grand champion female, John Keas, Effingham, on Locust Lea Prize Tillie; senior champion female, Chester O. Unruh, Hillsboro, on Fair Meadow Bildo Laretta.

**GUERNSEY:** Junior champion bull, Meadow Lodge Farms, Oklahoma City, on Meadow Lodge Climax Select; senior and grand champion bull, Curtiss Candy Company, Chicago, on Curtiss Candy Levity Maestro; junior champion female, Curtiss Candy on Curtiss Candy Levity Dot; senior and grand champion female, Meadow Lodge Farms on Meadow Lodge Charming Patricia.

**HOLSTEINS:** Junior champion bull, Edwin and E. A. Ohlde, Palmer, on Texas Burke Starlight Pride; senior and grand

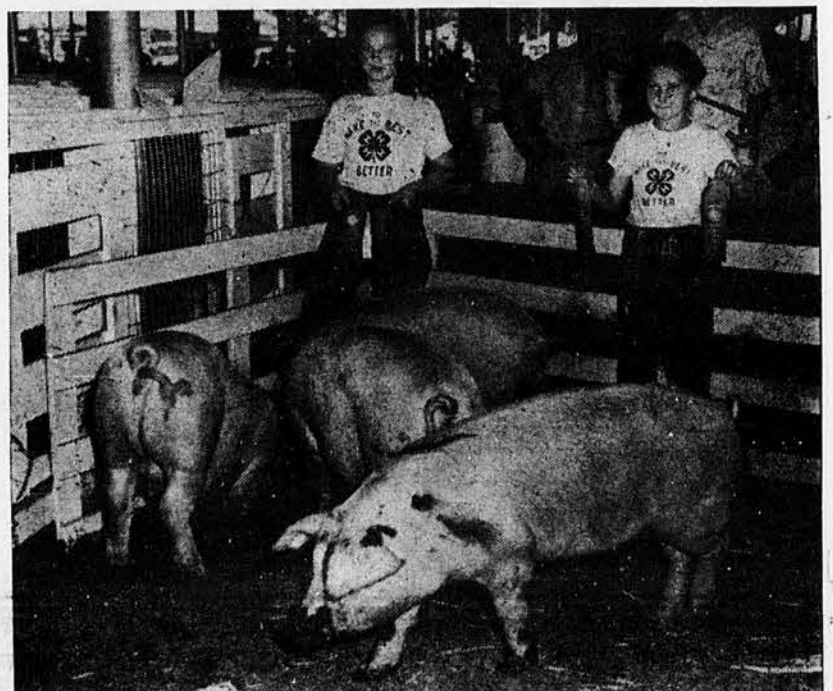
(Continued on Page 23)



## MORTON'S Free Choice SALT

Morton's Free Choice Salt is especially developed for more profitable livestock feeding. It's easy to use for mixing. Be sure to ask your dealer for it by NAME . . . MORTON'S FREE CHOICE SALT.

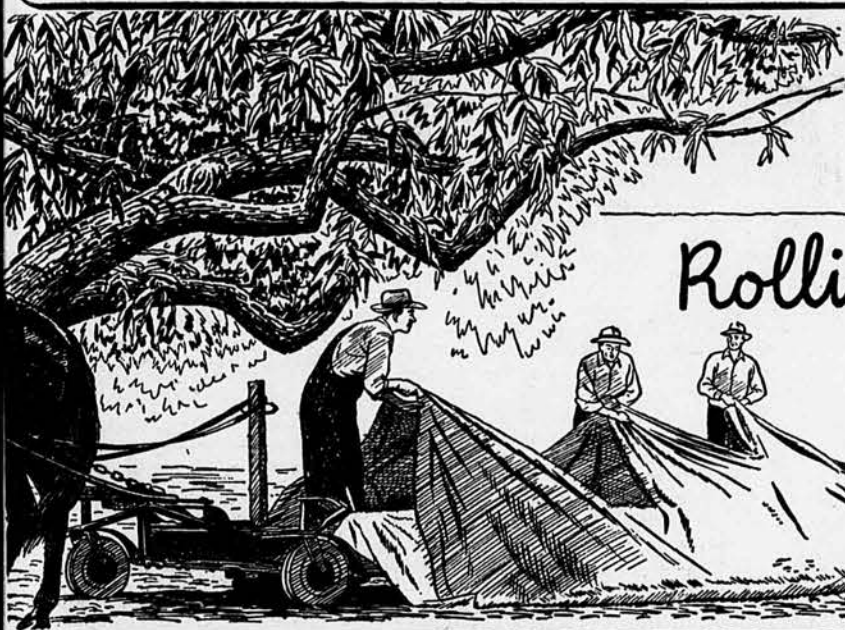
EASY TO FEED . . . EASY TO MIX  
**MORTON'S Free Choice SALT**



Phyllis Cole, left, and Norma Cole, members of the Sunbeam 4-H Club, Shawnee county, won top honors in both 4-H and open competition with these fine Chester White gilts.

## IDEAS from a neighbor's farm

Safeway's Farm Reporter keeps tab on how farmers make work easier, cut operating costs, improve crop quality. Safeway reports (not necessarily endorses) his findings because we Safeway people know that exchanging good ideas helps everybody, including us. After all, almost a fourth of our customers are farm folks.



## Rolling those almonds home

ON FARM of E. W. Armfield, near Madison, California, almonds are harvested with this low, horse-drawn wagon on air tires; a big spread of canvas; and men with rubber mallets to knock the nuts off trees. Canvas is spread on ground beneath trees from both sides of wagon. After nuts fall, the crew picks up edges of canvas and rolls nuts into wagon. One horse pulls wagon at less than cost of hauling by tractor.

## Eggs kept "nest fresh" on the farm

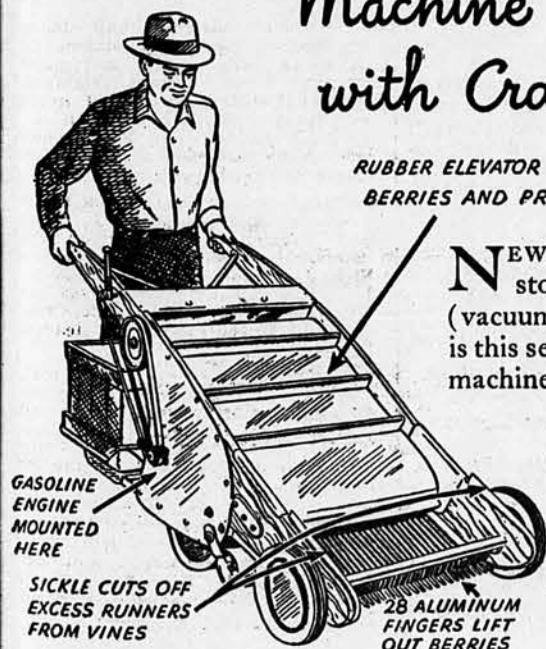
A SIMPLE DIP METHOD by which small egg producers can seal fresh-laid quality in eggs has been developed by the Agricultural Experiment Station at Oklahoma A. & M. College. Method is inexpensive and easy to use, and it can increase income from eggs sold on grade. Sealing solution is made from prepared paste mixed with water. Protective film on eggs is so thin normal appearance of eggs is unchanged. Eggs may be cased immediately after dipping without soiling fillers or flats.



## Machine "walks off" with Cranberry crop

RUBBER ELEVATOR WITH CROSS CLEATS CONVEYS BERRIES AND PRUNED VINES TO BOX AT REAR

NEWEST IDEA for eliminating stoop labor in cranberry picking (vacuum devices are now widely used) is this self-propelled, 150-lb. stripping machine which also prunes the vines and cleans up bog. Developed by the three Stankavitch brothers, practical cranberry growers of Bandon, Oregon, the machine is said to be capable of picking 60 bushel boxes per hour in good berries. Operator simply guides machine—like garden tractor. Berries stripped from vines are conveyed into box at rear.



## Why fresh corn at Safeway is cool-of-the-morning sweet

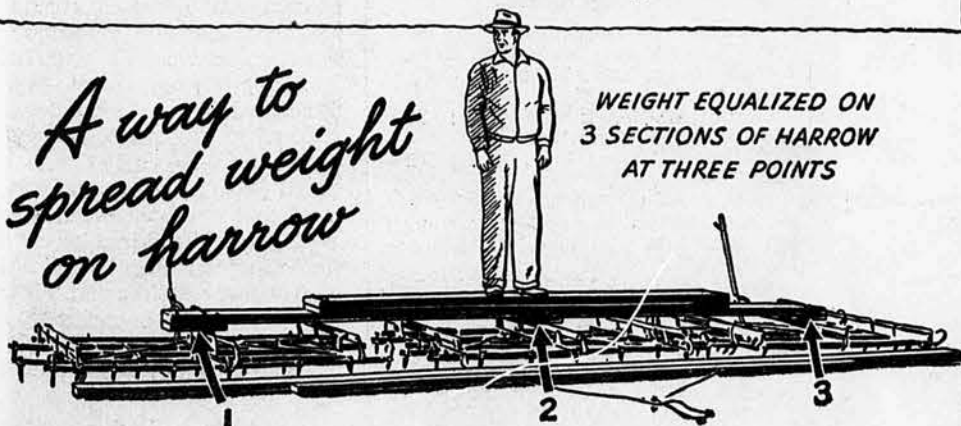


AS CORN GROWERS and Safeway buyers know . . . warmth can steal flavor and sweetness from fresh-picked corn. (Example: Corn loses sugar four times as fast at 78 degrees as it does at 32 degrees!) So Safeway buyers take care to protect the natural sweetness of tender, milky corn while it's enroute to Safeway stores.

Our buyers specify corn harvested in the cool of the morning, and then arrange for the ears to be quick-cooled in ice water. Packed in ventilated crates or sacks, the corn is placed immediately in refrigerated cars, with extra snow-ice packed around the corn. Because Safeway customers enjoy better-eating, sweeter corn they naturally eat corn often . . . and growers benefit by a larger, steadier market.

## A way to spread weight on harrow

WEIGHT EQUALIZED ON 3 SECTIONS OF HARROW AT THREE POINTS



USE OF A SINGLE PLANK as the driver's platform on a 3-section, horse-pulled harrow tends to concentrate weight on middle section where driver stands. Improved platform arrangement shown here equalizes

weight on all 3 sections of harrow, Colorado A. & M. College points out. Platform is held at ends by rods fastened to harrow. Cleats on bottom prevent it from working endwise. There's no trouble with binding.

- Safeway buys direct, sells direct . . . to cut "in-between" costs
- Safeway buys regularly, offering producers a steady market; when purchasing from farmers Safeway accepts no brokerage, directly or indirectly
- Safeway pays going prices or better, never offers a price lower than producer quotes
- Safeway stands ready to help move surpluses
- Safeway sells at lower prices, made possible by direct, less costly distribution . . . so consumers can afford to increase their consumption

**SAFEWAY**—the neighborhood grocery stores

## Awards Made at Free Fair

### Good Competition in Women's Departments

**T**HE blue ribbon for the best home demonstration booth at the Kansas Free Fair, Topeka, was won by the Leavenworth county home demonstration units. Under the guidance of Mrs. Carmen Kaaz, home demonstration agent, the women placed an exhibit of homemade leather gloves in the various stages of completion, from the pieces of uncut leather to the modeled glove. The booth was labeled, "Gloves Go Places."

The red ribbon in this contest went to Greenwood county, Alice Jennings, home demonstration agent. The booth displayed children's toys and books, all instructive, lovable, sanitary and right for each age. This booth attracted the attention of the tiny tots and had at the back a placard saying: "As the twig is bent, so grows the tree. How are you training your child? Play is his work and toys are his tools."

Third prize went to Morris county, Margaret Rees, home demonstration agent. Here was a reading center, a bookcase of books, an easy chair, a reading lamp. In 1947, unit members in the county have read 954 books of fiction and 336 non-fiction. Favorite books are, Gentlemen's Agreement, Kingsblood Royal, Eve Curie, The Gauntlet, Pavilion of Women, Color Blind.

Fourth prize was awarded to a booth set up by the Franklin county women called, "The Family That Plays Together, Stays Together." Here was a display of dozens of games, to fit all, from the youngest to the oldest. Mildred Shannon is the home agent.

Bourbon county home demonstration units won fifth prize on a booth showing the various farm-produced foods which supply the necessary food elements needed by the human body. It was entitled "Red Hot Food News." Oda Harlow of Ft. Scott, assisted with the assembling of the booth.

#### Textile Awards

In the majority of classes in the textile department the exhibitors were not farm women. This was also true in the floral department and culinary departments. As might be expected, the extremely hot weather undoubtedly dwarfed the display in the floral department.

The following rural women won blue ribbons in the textile department:

Braided rug: Mrs. Charles Baecker, Eudora.

Quilt from feed sacks: Mrs. William Craig, Silver Lake.

Stuffed toy: Mrs. Anna Conwell, Topeka.

Hooked rug: Mrs. Harry Hummer, Topeka.

Tea towels: Zella G. Roller, Topeka. Handmade baby dress: Edith Scott, Oak Hill.

Lunch cloth: Mrs. H. C. Sweet, Stockton.

Infant's cap: Mrs. Blanche Moffett, Garnett.

Pillow slips: Mrs. M. D. Kelley, Greensburg.

Club exhibit by Northside home demonstration unit, Topeka.

Braided rug: Mrs. W. A. Davidson, Simpson.

#### Culinary Awards

Oatmeal cookies, white butter cake, grape jelly: Elaine M. Bailey, Lebo.

Plum jelly: Mrs. Helen L. Cooper, Route 2, Kansas City.

Cornbread, dark fruitcake: Mrs. John Detman, Scranton.

Cottage cheese: Mrs. Obed Firestone, Wakarusa.

Raisin bread, baking powder biscuits, soda biscuits, apple pie, pumpkin pie, chocolate pie: Mrs. Edward Ice, Richland.

Fried chicken: Mrs. H. R. McClelland, Topeka.

Burnt-sugar cake, pickles, catsup, corn: Mrs. G. T. Oldham, Topeka.

Canned peaches: Mrs. Lester Pence, Topeka.

Frosted cup cakes: Norma C. Sanford, Meriden.

Ham, bacon, apple pie, mincemeat: Mrs. Iva Deeringer, Topeka.

Canned beets, canned apricots, pork sausage: Mrs. W. P. Worthington, Tecumseh.

Canned cherries: Mrs. Lou Wood, Scranton.

Canned corn: Bobbie Zorn, Topeka.

Canned chicken: Mrs. Lester Pence, Topeka.

Canned tomatoes: Gladys David, Topeka.

Canned greens, canned small fruit: Mrs. H. R. McClelland.

Canned pork: Georgia Pedicor, Rossville.

Large fruit, canned: Mrs. Lila LaFromboise, Silver Lake.

Best jar of preserves, marmalade, jam or conserve: Grace Bramlett, Silver Lake.

Canned beef: Mrs. Dana Priddy, Topeka.

Pickles: Mrs. Lawrence Priddy, Topeka.

Collection of any 4 fruits, canning plums, canned blackberries: Mrs. Lillian Mongold, Silver Lake.

Club exhibit: Bethel home demonstration unit, Topeka.

#### Cheese Potato Patties

By MONETTE

Most folks dislike eating leftover and mashed potatoes probably are least liked of them all. Here's a new way to utilize this uninspiring staple. Add one egg, two if the quantity potatoes is large, then cut cheese into very small pieces. Mix together well, then shape into patties or drop by spoonfuls into hot fat and fry until golden brown. Serve piping hot to really enjoy the half-melting creamy cheese bits you will bite in hit-and-miss fashion thruout.

★★★★★★★★★★★★

#### REDUCE PRICES?

##### See the boss!

The consumer is the boss when it comes to meat prices. When the Administration says in effect, "Advocates of free enterprise brought about the end of price control—it's up to them to reduce prices so there will be no inflation," it ignores the fact that it is the consumer who must act to bring down the price of meat.

The money the consumer spends for meat — even though he complains about prices — determines the value of meat and livestock on the markets. That is the law of supply and demand. Price levels move up and down as demand increases or decreases. Only the consumer has it in his power to control demand.

With meat, there's no escaping the law of supply and demand as you might with some non-perishable products. The price of meat is not based on the cost of livestock. Instead, it is the selling price of meat that sets the value of livestock. And, livestock prices are kept as high as they possibly can be in relation to meat prices because of competition among some 4,000 meat packers and the 20,000, or more, commercial slaughterers. No man, or group of men has the power to control these prices.

So when Washington demands a cut in prices — right across the board (with no decreases in wages) meat and livestock producers will have to say, "See Mrs. Consumer — she's the boss!" For the middle men — packers, retailers and wholesalers — are just agencies through which the prices consumers pay are translated into livestock prices.

*Albert J. ...*  
Chairman of the Board

**ARMOUR**  
and Company

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Get Free 12 OZ. PACKAGE OF  
TEA TABLE MACARONI  
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TEA TABLE PURE EGG NOODLES**

THIS OFFER EXPIRES ON SEPTEMBER 30

Buy KANSAS STAR "Better by Far" FLOUR and get this free gift. If your grocer cannot supply you with this gift, write The Western Star Mill Co., Salina, Kansas, giving his name and we will make it available to him. Try all your baking with this smooth, white all-purpose flour. From cakes and pies to bread and rolls . . . KANSAS STAR "Better by Far" FLOUR gives better baking . . . baking that tastes as good as it looks!

**KANSAS  
STAR  
FLOUR**  
"Better by Far"



# Neighborhood Social Life Built Around Community Center

By FLORENCE McKINNEY

THE De Soto Community Center fills a need of long standing. But it was not until the war disjointed family and community life that anything was done. De Soto, like some other Kansas towns, had an enormous mushroom growth during the war, this one due to the establishment nearby of the Sunflower Ordnance Plant. Veritably countless people moved in among the old-time residents, throwing their established way of life entirely out of kilter.

Suitable recreation was so badly needed in this rural section of Johnson county, that the USO set up a temporary center in a De Soto church. Later, when the transient population became better established, the USO withdrew to Sunflower Village. This left De Soto without any community center for their many young people. They took action. All organizations together with the city council have co-operated and today the center is something the entire community, townspeople as well as rural people, look upon with pride. And well they might, for it is firmly established and is well maintained. It's the hub around which most of the recreation revolves.

The city built a good-looking modern building which downstairs houses the fire department, the mayor's and the city clerk's offices. Upstairs all the space is used for the community center. And when we say "used" we mean just that.

The number of organizations that use it and the frequency with which they use it, every day and night, is almost unbelievable. Every organization in the town and countryside uses it for regular meetings and parties, and swarms of high school and grade school young folks drop in for dancing and hot dogs and ice cold pop after the basketball games. Naturally, their parents prefer this kind of supervised entertainment to road-houses.

And the young people like it fine, too. After every evening activity at the high school, the young folks go to the center. Women on the governing council serve the refreshments at cost. It is so attractive that the young folks prefer it to other forms of amusement. The women's council has served as many as 135 people at dinner.

For entertainment there is a piano, nickelodeon, soft overstuffed chairs and plenty of phonograph records. The floor is hard and smooth for dancing, there are Venetian blinds, pretty lamps and attractive draperies. Many townspeople and rural families use it for family reunions. It's large enough for the biggest reunion.

The women's council served lunch for the men who took part in a wolf hunt and they served meals to those working on paper drives. On these occasions the women charged for the meals, with a profit in view and are buying 2 davenport with the proceeds.



Officers of the council: Left to right, Mrs. Ernest Sigman, chairman of recreation council; Mrs. Fred Gordon, secretary-treasurer of council and chairman of nominating committee; Mrs. W. L. Blaylock, member of original USO council and chairman of welfare committee; Mrs. Harry Dicken, chairman memorial flower fund committee and chairman of activity committee; Mrs. Paul Earnhart, supervisor of snack bar and chairman of membership committee; Mrs. Carl Koehler, representative of Willow Springs home demonstration unit and member of nominating committee.



Upstairs in the De Soto memorial hall is the community center where young and old from the whole countryside gather for meetings and fun.

One reason for the center's whole-hearted support by the community is the fact that the building was built as a memorial for the World War II veterans who lost their lives. On Decoration Day, 1946, dedication services were held and the council's flower fund is used only for flowers on the memorial monument which stands in front of the building. Voluntary contributions keep this fund maintained.

The Willow Springs home demonstration unit, one of the co-operating member organizations together with Herbert Linden, city clerk, is landscaping the grounds on which the building stands. All the money for this project is provided by the unit.

This enterprising, ambitious project has a governing board called the Community Center Council. This council is composed of all the USO council members and 2 members from each club and organization in De Soto. At present these organizations are: Women's Society of Christian Service, the Rebeccas, Eastern Star, the Athenium Club, the Merry Makers, a young women's social club, the Pleasant Hour club, the Y. W. club, the Sixteen and One Bridge club, and the Willow Springs home demonstration unit. Each club has contributed to the expenses of the center by giving the amount it feels able. The governing council then votes to buy certain needed furnishings and for the usual upkeep.

When the city was laying the plans for the community center, they found surplus materials available at the Sunflower Ordnance Plant. Town people donated their time and equipment in getting the building under way. Much credit is due Paul Earnhart, mayor of De Soto, and Herbert Linden, city clerk, the men whose hearts have been in the project since its earliest beginning.



At the snack bar Mrs. W. L. Blaylock is being served by Mrs. Ray Paxton, Mrs. Jack Horn, Mrs. Earl Lehman.

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**VENTILATE HAY AND GRAIN**  
 Reduce loss from weather—fire—mold.  
 Green high protein hay increases milk production, makes fast gains.  
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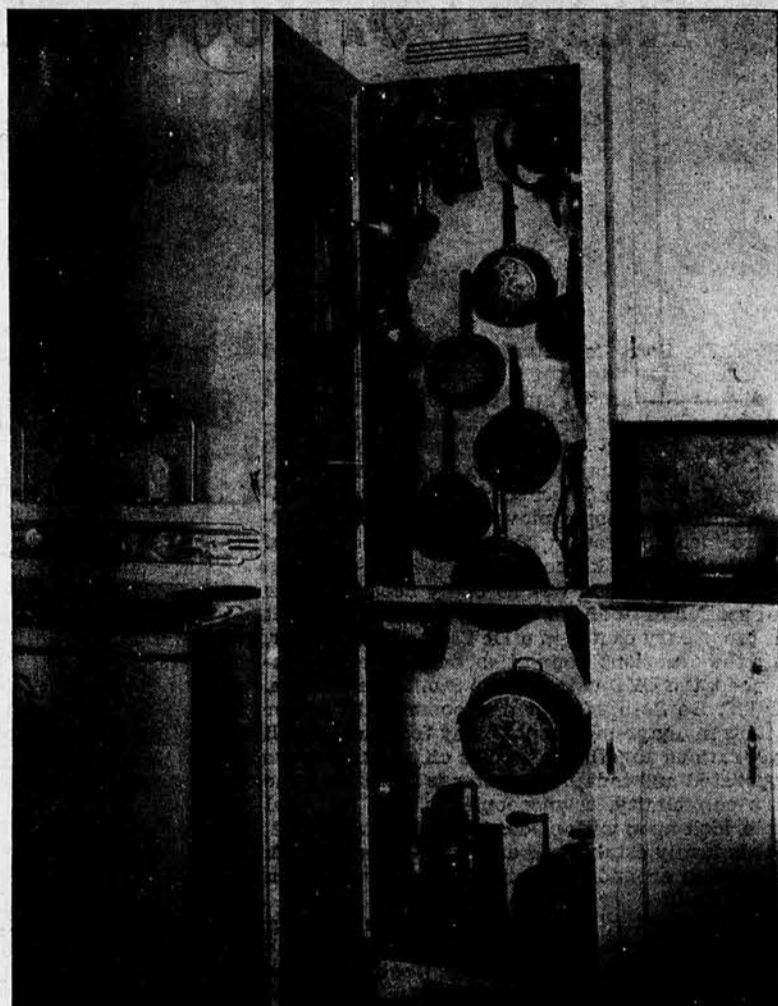
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THE "hanging cupboard" built in just at the right of the stove answers the age-old problem of arranging cooking utensils conveniently. By hanging each pot and pan by the handle, there is no moving one article to get another. Here the homemaker places only those utensils that she uses at the stove—skillets, kettles, measuring cups, small saucepans, preserving kettles, colanders, graters and strainers. Small articles such as the pancake turner, spoons, ladles, pastry brush, the knife rack, the rotary beater, the potato masher and the pie-cooling rack all have their individual hooks.

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EASY PICKING

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RESISTANCE TO UNFAVORABLE CONDITIONS

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NO WASTE  
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600 TO 1100  
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Bazooka Rainbow Unit is available in 11, 16, 21 and 26-foot lengths. Moves grain at any angle from vertical to horizontal. Optional Salisbury gasoline engine develops 6 1/2 HP, weighs only 56 lbs. Loader can be supplied with or without motor or rubber-tired carrier. Bazooka is sturdily constructed and will last for years.

If your dealer doesn't stock it order Direct

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This great medicine is famous to relieve pain, nervous distress and weak, 'dragged out' restless feelings, of 'certain days'—when due to functional monthly disturbances.

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It costs less to own a busy machine... and CUNNINGHAM tools are built to keep busy. They are rugged, too, for heavy schedules in custom work. They can earn for you and work for you.

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3-foot variable speed sickle bar type... ideal for weed control, yard trimming, fence rows, many other jobs. A boy can mow up to 2000 rods a day.

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## News to You?

A bed patient sometimes has trouble eating in bed. Try cutting the toast into small squares but leave the slice in its original shape. It saves crumbs in bed and is easier to handle.

When scouring glass skillets or kettles, use only the very finest steel wool. Coarse scouring pads will permanently injure the surface.

Ever see the fat globules appear when mixing a cake? That's because the milk was added when too cold. Warm it to room temperature.

Store butter in a covered container; otherwise it picks up odors from other foods in the refrigerator. A small quantity may be kept out at room temperature for easy spreading of toast and bread.

When hanging curtains or reaching the top shelf in the cupboard, always use the stepstool. A chair or other makeshift may cause a major disaster.

Summer butter is usually higher in vitamin A than that produced in winter, unless the cow's feed is reinforced with certain supplements.

Don't store too much flour. Experienced homemakers know that flour cannot be kept long in the ordinary warm kitchen. Flour kept at usual summer temperatures may become infested with weevils. Commercial bakers who keep a 45-day supply on hand, keep it in a specially built room which is air conditioned.

A flat bottom pan helps keep a pan steady and means quicker heating and more economical use of fuel. Straight sides are more economical, too.

When you store bread in the refrigerator, wrap it well in moistureproof paper. When ready to serve, let it reach room temperature before putting it on the table. Bread will stay fresh a little longer if stored in the refrigerator.

For an ink stain on white material, soak in pure ammonia for a few minutes. Then rinse in cold water.

### For Junior-Miss



4865  
SIZES  
11 12

This dress may be made in either one- or two-piece design; has dolman sleeves and unpressed pleats. Fashionable for the Junior-Miss. Comes in sizes 11 to 17. Size 13 in 1-piece model requires 3 1/4 yards of 39-inch material.

Pattern 4865 may be obtained by sending 25 cents to the Fashion Editor, Kansas Farmer, Topeka.

# TAKE MARY'S ADVICE...

## SAVE TIME WITH THIS NEW RED STAR RECIPE

COUNT ME OUT, MARY, I WON'T HAVE MY BAKING FINISHED IN TIME TO GO

IT WON'T TAKE LONG IF YOU USE RED STAR QUICK RISING DRY YEAST

DOES RED STAR REALLY SAVE TIME?

RED STAR STARTS WORKING—THE INSTANT YOU ADD WARM WATER, GIVES YOU TASTIER BAKED GOODS TOO

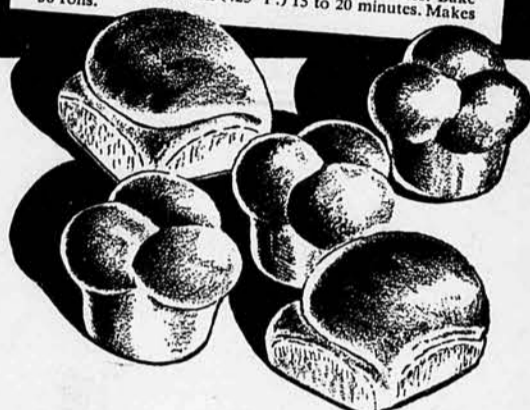


### QUICK METHOD ROLLS

2 teaspoons sugar  
1/2 cup warm water  
2 packages Red Star Dry Yeast  
1/2 cup sugar

2 1/2 teaspoons salt  
1 cup lukewarm water  
2 eggs, beaten  
5 1/2 cups sifted flour  
4 1/2 tablespoons shortening

Dissolve 2 teaspoons sugar in 1/2 cup water. Add 2 packages Red Star Dry Yeast. Let stand 10 minutes. Place bowl. Stir yeast solution thoroughly and add to this mixture. Add beaten eggs and half the flour, mixing well. Add melted and cooled shortening, stirring vigorously. Place dough on lightly floured board and knead for 3 minutes. Shape into smooth ball and place in greased bowl. Brush top lightly with shortening. Cover and let rise in warm place for 30 minutes. Punch dough down, a 2 1/2 inch floured biscuit cutter. Make crease through middle of each piece with floured knife handle. Brush together and let rise in warm place for 45 minutes. Bake in moderately hot oven (425° F.) 15 to 20 minutes. Makes 30 rolls.



KAY ROGERS SAYS: 'Take Mary's advice, and learn how really delicious baked things can be. Start today with this RED STAR Quick Method recipe for rolls.'



# RED STAR DRY YEAST

SEPTEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER						
MON	TUE	WED	THU	FRI	SAT	SUN
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Now I can take MY Vacation!

"My work doesn't permit a mid-summer vacation, but I'm in luck. I know that early fall is the best of all for a pleasant, relaxing trip. While my family is seeing the sights, I'm going to check farming methods in other states. We'll all have fun, because we plan to go by Greyhound."

### EXPENSE-PAID TOURS OF "AMAZING AMERICA"

Greyhound does all the planning—you have all the fun! It's "good time" assurance with your ticket, hotel and sightseeing all planned and paid for in advance.



#### FREE FOLDER

Paste this coupon on a penny postal card and mail to Greyhound Travel and Tour Dept., 917 McGee St., Kansas City, Mo., for FREE tour folder.

I may go to \_\_\_\_\_ (name destination)  
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Ask your local agent for low-cost, round-trip fares and frequent schedules to anywhere in America.

OVERLAND  
**GREYHOUND**  
LINES  
OPERATED BY INTERSTATE TRANSIT LINES

## Big Alfalfa Seed Boost

Full Bloom and Dusting Are Responsible

ALFALFA seed production in Kansas can be increased considerably by following 2 practices proved at the Kansas Experiment Station, Manhattan. This information was given farmers September 4, at the fall agronomy field day tour.

Production of alfalfa seed can be increased 30 pounds an acre merely by letting the preceding hay crop come to full bloom before cutting, agronomists explained. Experiments this year in dusting alfalfa with DDT, BHC and combinations of the 2 chemicals, indicate that an additional large increase in seed can be obtained by this practice.

Here are some results of the dusting experiments. A combination of 5 per cent DDT and BHC diluted in sulfur and spread at the rate of 20 pounds an acre, gave 75 to 80 per cent control of web worms. Complete kill of leaf hoppers for a 2 weeks period resulted in use of 3 per cent DDT. Infestation had been extremely high before the dusting. Five per cent BHC and DDT mixed killed numerous grasshoppers and 1 per cent BHC made blister beetles leave the area altho no kill was noticeable. All dustings, which included mixtures ranging from 1 to 10 per cent of the chemicals, were done when alfalfa was in the bud stage.

Where alfalfa was dusted the forage was greener and had more leaves, agronomists said, and more blooms were visible.

Farmers were warned not to feed treated alfalfa to cattle, especially milk cows.

### New Strains Show Promise

Two improved lines of Sudan grass were viewed by the visitors. Efforts are being made at the station to breed strains of Sudan that will be resistant to chinch bugs and leaf diseases. Several strains show promise but are not ready for release.

Selection and breeding of bluestem grasses for additional forage and seed production were observed during the tour. Agronomists are worried this year over seed prospects on the first increased field at the station as weather has been very unfavorable.

At present 2 fairly uniform strains of big and little bluestem are being increased. Both are composite strains of superior lines selected over a period of years. Further improvement in them is being made thru continued inbreeding and selection.

Farmers making the tour seemed interested in how to reseed eroded areas back to bluestem and what nurse crops, if any, to seed with it. Agronomists explained that there are 2 successful methods of seeding. On clean ground, the seedbed should be of the same type as prepared for alfalfa but seeding should be done in the spring rather than in the fall, and at shallow depth. On washy land agronomists recommend seeding a cover crop such as cane late in the summer preceding the grass seeding. The cover crop should be planted too late to produce seed. Next spring the bluestem can be seeded in the stubble.

Bluestem grass does not do well if seeded with any of the cool weather grasses or with lespedeza, agronomists explained. If any companion crop is used it may be sweet clover, as sweet clover will help build up the nitrogen needed by the grass. No method has been found to fertilize bluestem grass when it becomes sod-bound, farmers were told.

### Work With Soybeans

Hay and silage-type soybeans are out of the picture at the Manhattan station. Varieties being tested now are being grown for yield, color, oil content and general quality of seed, uniform maturity, erectness of plants, resistance to lodging and freedom from tendency to shatter. Branches should start high enough from the ground to avoid loss of seed in harvesting with a combine. Of the 47 varieties and more than 40 hybrids tested at Manhattan during the last 4 years only 3 were grown there 10 years ago.

One of the new hybrid soybeans that looks very promising is C 463. Another good one is C 161. Both are medium late. C 463, which has a maturing date between Gibson and Chief, shows promise of giving a high yield over a large area.

A common fault in growing soy-

beans, agronomists said, is to grow them in a ridge. Soybeans should be cultivated level for combining or the ridge will interfere. At the station soybeans are planted with a furrow opener. When all the plants are up and the first true leaves are forming, a harrow is used to level the field and kill weeds. A harrow will do a better job of weed killing than a rotary hoe, agronomists claimed, and the soybean plants can take a lot of mauling from the harrow if harrowing is done during the warmest part of the day.

Soybean varieties giving the highest yields for the 3-year period 1944-46, at Manhattan, are Hongkong, 20.4 bushels; Chief, 22.3 bushels; Lincoln, 18.8

bushels; Gibson, 22.6 bushels, and S100, 22.7 bushels.

Atlas is still the best forage sorghum to grow in the Manhattan area, farmers were told. Axtell promises to be superior for planting on thinner upland soils and in the north part of the state. It is earlier than atlas but yields less total forage. Kafir continues to be the outstanding grain producer for the Manhattan area. Work is continuing at Manhattan to develop a combine sorghum more resistant to chinch bugs. This year preliminary tests are being made on selections developed for this purpose. Of available varieties, Martin has proved most resistant to chinch bugs. More kafir blood is being bred into the combine sorghums to increase resistance to chinch bug infestation, farmers were told.

Fifty per cent more grain yield and much better control of weeds has been obtained at the station by seeding

combine sorghums in 21-inch rows instead of 42-inch rows. A corn planter with furrow openers is used but the field is double planted at the rate of 6 pounds an acre instead of 4 pounds as in 42-inch rows. Weeds are killed before planting and the sorghums planted when the soil is in the best condition for quick growth. The field is harrowed twice after planting.

In the corn plots farmers had an opportunity to see most of the inbreds being used for hybrid corn production. These inbreds were planted so visitors could see the various characteristics of the parent stock being used in hybrid development.

Farmers were told that efforts are being made to improve K2284 by crossing 2 parents of the same planting date. At present this hybrid is produced by parents having different planting dates in order to get synchronization of pollination.

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43.2¢  
Profit over grain feed cost per cow per day 66.2¢

# Learn to Operate Farms

By JAMES SENTER BRAZELTON

AFTER every war our Government has done well by the boys coming out of those wars with a desire to farm. "Forty acres and a mule," was a familiar slogan of post-Civil War days. But for agricultural-minded veterans of World War II, good old Uncle Sam proposes to do far more than provide him with 40 acres and a mule. All over the United States classes are now being organized for the purpose of giving practical on-the-farm training to ex-servicemen who desire it.

The G. I. Bill of Rights provides an opportunity for these veterans to take training in agriculture, which is designed to help them become proficient in the operational and managerial skills of farming. The program is

planned to guide the veteran in establishing a productive farming program whose earnings will permit him to accumulate the livestock and equipment necessary for the operation of a farm.

Any veteran who has had 90 days of service on or after September 16, 1940, and prior to the termination of World War II emergency, and has received an honorable discharge, is eligible for institutional on-the-farm training. His period of entitlement is equal to the time actually spent in service plus one year. The maximum period of training is 8 years. The period of entitlement must be used up within 9 years after the date of the veteran's discharge or termination of the emergency, whichever date is the latest.

The Kansas State Board for Vocational Education has determined that full-time courses of training shall consist of 2 types of instruction—off-farm instruction and on-farm instruction. Not less than 200 hours a year of off-farm instruction will be required. Under this phase of the program the instructor will be expected to co-ordinate his instruction with other agencies, such as making maximum use of extension specialists on their scheduled meetings in the county. Visits will be made to other farms where outstanding success has been attained in any particular line of farming.

On-farm instruction will consist of not less than 100 hours a year, at least 50 per cent of which must be made applicable specifically to the veteran's individual farm by visits of not less than twice a month. On-the-farm training shall consist of teaching those jobs that can be taught by actual do-

ing or demonstrations such as castrating, pruning, terracing and vaccinating, and the discussion of farm management problems.

No finer example of co-operative effort exists than that by means of which institutional training in agriculture has been established and conducted in Kansas. The Veteran's Administration is charged with administering Public Law 346, G. I. Bill of Rights and under its provisions has charge of the supervision of trainees and the making of subsistence payments to them. The State Board for Vocational Agriculture was called upon to provide a program of instruction and put it into operation.

The local high school is charged with the responsibility of employing a special agricultural teacher whose qualifications must include a bachelor of science degree, a certain amount of teaching experience, and likewise some experience in actual farm management. The local high school also provides for a classroom and shop facilities if possible. Part-time office assistance in keeping the veteran's records and making the required monthly reports is assumed by the local high school.

The college extension department comes into the co-operative picture thru the county farm agents who set the machinery in motion for organizing the classes, and make all provision with extension specialists for instruction. The already-existing U. S. D. A. council or county advisory committee is supposed to assist in developing individual training programs, and to give some advice in establishing the length of training periods.

## Will Get Pay and Tools

Each trainee will receive a subsistence payment of \$90 a month if he is married; \$65 a month if single. In addition to this, Uncle Sam allows each trainee \$100 worth of tools which will consist of such articles as blow-torches, tool grinders, vises, saws, hammers, planes, wrenches, chisels, screwdrivers, braces and bits, tin snips and pliers. Each trainee will also receive \$40 worth of books.

In following the course of instruction trainees will be encouraged to put into practice on their farms all the modern, up-to-date methods possible. As for example, the veteran will be shown the advantages of using an approved hybrid variety of seed corn. He will be advised to plow his corn ground in the fall if it is not subject to erosion.

The necessity for soil conservation will be emphasized. The G. I. farmers will be encouraged to use a crop rotation that tends to keep up soil organic matter. They will be shown the advantages of strip-cropping where warranted. The importance of returning all crop residue and manure to the soil will be pointed out. Trainees will be shown how to protect natural waterway gullies by vegetation, dams and tree planting.

The farm garden will come in for its share of attention as will outside home beautification. Such crops as oats, red clover, alfalfa, soybeans and wheat will be studied with a view to getting larger returns from them. Beef cattle, dairy cattle, hogs, sheep and poultry all have a place in the institutional training program. G. I.'s will be given aid in setting up for themselves an adequate farm shop. The proper care and use of farm machinery will be emphasized. A great deal of attention will be paid to farm bookkeeping.

## Eggs Roll Out

Poultry nests without straw, and sawdust for walls and ceiling insulation of the laying house, are 2 ideas that are working well for Harold Lohofener, of Decatur county.

Nests in the Lohofener poultry house are wire mesh trays tilted slightly to the outside. Eggs laid on these trays roll out onto wire mesh trays along the front of the nests. Trays inside the nests and the long trays along the front are removable for easy cleaning. Eggs are kept cleaner by this method, says Mr. Lohofener, and hens apparently have no objections to using the nests without straw.

Five inches of sawdust insulation were put in the walls and ceilings. Mr. Lohofener said one day last winter temperature in the house read 40 degrees above when it was 24 degrees below outside.

His only objection to sawdust insulation is that the walls and ceilings must be made mouseproof.

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Cedarvale, L. C. Adam Mercantile Co.  
Chetopa, Karns Gr. Prod. Co.  
Cherryvale, Cherryvale Gr. Co.  
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Denison, Farmers Union Co-op. Ass'n.  
Edna, Edna Produce  
El Dorado, C. E. Powell Gr. Co.  
Elkhart, Elkhart Co-op. Equity  
Emporia, Kansas Soybean Mills, Inc.  
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Humboldt, Farm Service Stores Inc.  
Hutchinson, Orth's Feed & Seed Co.  
Hutchinson, Salt City Hat'y  
Independence, Andrew Johnson Feed  
Jola, Farm Service Stores, Inc.  
Junction City, Hart-Barlett Sturtevant Grain  
Kansas City, Crawford Hat'y  
Kansas City, Dyer & Co.  
Kingman, The Goenner Hat'y  
Kiowa, Circle Hatchery  
Lane, Gerths Breeder Hat'y  
Larned, The Pawnee County Co-op. Ass'n.  
Lawrence, Douglas Co. Hat'y  
Leavenworth, Hibbs Farm Service  
Liberal, Security Elev. Co.  
Louisburg, Owens Fd. & Prod.  
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Peabody, Peabody Co-op. Exchange  
Pittsburg, The Potter Hatch'ys  
Pratt, Pratt Equity Exchange  
Richmond, Farmers Home Co-op. Merc. Society  
Salina, McMinn Feed & Prod.  
Sedan, Sedan Seed House  
Sedgwick, J. O. Coombs & Son  
Sedgwick, Sedgwick Alfalfa Mills  
Sobetha, Farmers Elevator  
St. John, St. John Mill  
St. Marys, Farmers Union Co-op. Business  
Stockton, Bauchey Grain Co.  
Topeka, Emery Shimer Feeds & Seeds  
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Valley Center, Valley Center Farmers Union  
Valley Falls, Reichart Elev.  
Waverly, J. R. Baxter Produce  
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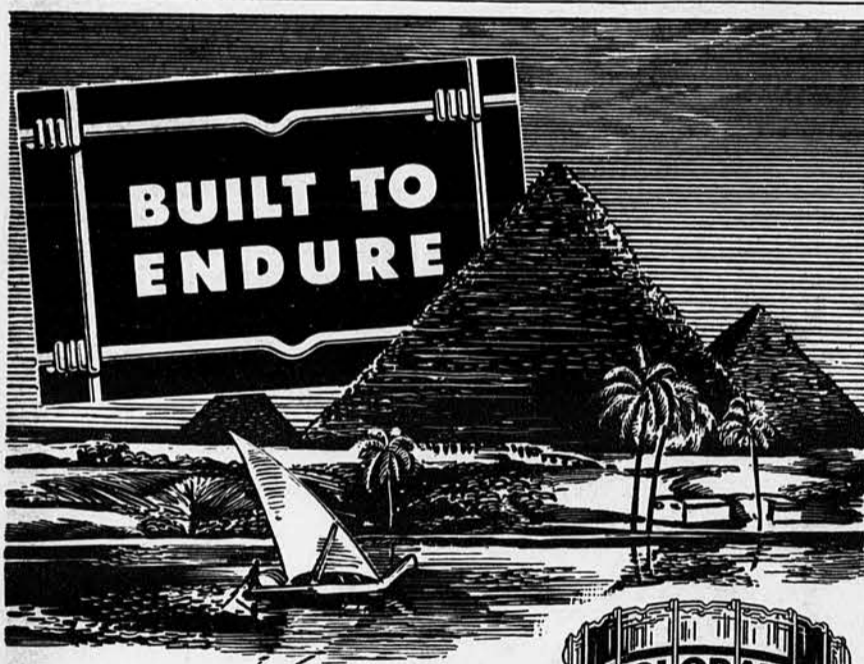
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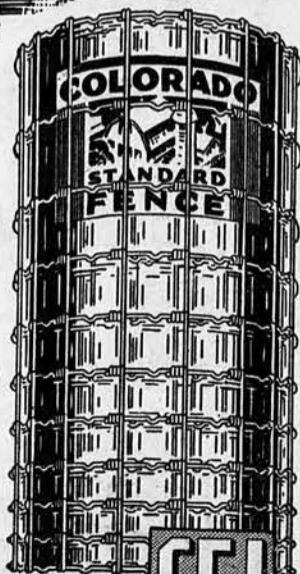
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## Range Bulls A Specialty

AN UNUSUAL type of cattle business for Kansas has been carried on successfully for many years by Marvin Mills and Cris Ferguson, of Cheyenne county. They specialize in production of range bulls.

"When we came to this county," says Mr. Mills, "we realized we had to do one of 2 things—produce a large number of cattle, or go in for quality and specialization. We chose the latter course."

Over a period of years these 2 men have developed a herd of 300 registered Hereford cows. "We try to sell as many bulls locally as possible, but the local demand is not heavy," explains Mr. Mills.

"Most of our bulls are sold at the National Western Livestock Show and Sale at Denver each year. We sold 86 bulls at the show and sale last year and have 110 ready for this year." Normally, the bulls are not fitted for the show but one carload will be fitted this year.

Bulls that appear to be of poor quality are steered and sold as beef. Heifers are kept back for replacements, sold locally or at private treaty.

The bulls usually are marketed as coming 2-year-olds and the 2 men have built up a trade with steady customers who watch for their offerings each year at the big Denver show and sale. One customer has bought Mills and Ferguson bulls exclusively for the last 6 years. Customers live in several range states, which means a wide distribution of bulls from the farm.

Starting in 1919 with 4 cows, these 2 men have continued to expand their operations until they now have probably the largest ranch in Kansas specializing in the production of range bulls.

## Wheat Champions

The land of riches is descriptive of present-day farmers in Western Kansas who had faith in the state and patience enough to last out periods of less advantageous conditions of a few years ago.

J. C. Mohler, secretary of the Kansas State Board of Agriculture, pointed out recently that during 1947, when the state enjoyed its greatest wheat crop in history, 14 counties in the southwestern part of the state harvested 21.7 per cent of the entire Kansas production. A total of 63,935,000 bushels out of the 294,360,000 bushels that the state produced were raised in this area. This 14-county production was only 18,519,410 bushels shy of the entire Kansas wheat crop of 1935 when growing conditions were unfavorable.

Yields, too, were high for these "Wheat Kings" of the nation, with an average of 22.4 bushels an acre for the 14 counties of the southwest. Located in this group was Ford that produced more wheat than any other county in the state.

Mohler went on to point out that although favorable growing conditions did

much to create this great production record, improved wheat varieties, better farming practices and more know-how on the part of the agriculturalists have also helped Kansans to master their environment.

Counties in the area other than Ford are Clark, Finney, Grant, Gray, Hamilton, Haskell, Hodgeman, Kearny, Meade, Morton, Seward, Stanton and Stevens.

## Move Cornfield

Because of severe rootworm infestation, farmers in North Central and Northwest Kansas should not seed corn following corn next year, says Beverly Stagg, Norton county agent.

"The corn rootworm has been very bad in this area this year," Mr. Stagg reports. Remedy for the worm is a good crop rotation such as summer-fallow wheat, followed by corn or sorghums every third year, says Mr. Stagg.

## More Proved Bulls

Dairymen in Kansas are speeding up their program of proving bulls, according to a recent report. During all of last year there were 28 bulls proved in the state. This year, up to July 28, there already were 44 proved.

These results are due to better reporting by dairymen, and to the fact that the Bureau of Dairy Industry is catching up on its part of the program, it is claimed.

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## Double Crops For More Pasture

**H**OW would you handle 25 to 35 dairy cows on 70 acres of land? Caryl Pults, Brown county, would like to have more room for his herd, but seems to do right well with what he has. His herd average in 1945 was 429 pounds of butterfat, last year it was 409. His top cow produced 556 pounds of butterfat in 1946.

Mr. Pults does have some bluegrass, about 22 acres in 2 fields. Besides that he usually has 6 acres of Sudan in summer, 4 acres of brome for fall and winter. A 12-acre field of alfalfa supplies some of his hay requirement, the rest he buys. He usually raises about 18 acres of corn, too, but must buy much of the grain he feeds.

Besides that he will have up to 18 acres of rye for fall and spring grazing. Add that up and the answer is more than 70. He does it by raising 2 crops on the same field the same year. He seeds rye between the rows of corn. Here is how it works out: Late in

August he seeds cereal rye in the corn with a small 1-horse drill. He puts in more than a bushel an acre. Rye keeps weeds down, he points out, then after the corn has been husked, it makes good pasture. This combination makes pasture thru most of the winter. By spring you can hardly tell it was a cornfield, Mr. Pults says. The cows clean up the corn along with the rye. To make this possible, of course, the soil gets liberal applications of manure each year.

There is another advantage. When wet weather comes in fall he has little worry about getting his corn out. With the heavy stand of rye he is able to get in his cornfields when others must stay out.

To put some pep in his bluegrass, Mr. Pults applied 140 pounds of 32 per cent ammonium nitrate an acre. The grass made an excellent growth, he says, but he believes he can get more pasture for his cows with a mixture of brome and alfalfa.

### Terrace Success

With no previous experience and no help except an extension service bulletin from Kansas State College, Robert Schulze, of Norton county, this year built 9 miles of plow terraces on a half-section field.

He used three 16-inch plows and a model-M tractor. He reported having trouble with the middle plow not scouring too well and believes he could have done better with a 2-bottom plow. However, his terraces were pronounced very good by soil-conservation leaders.

### Corn Every Year

"I wouldn't have had any corn last year except for my irrigation plant," reports Harold Lohofener, of Decatur county. He started irrigating in 1937 on a small scale and now has 30 to 35 acres he can water. This eventually will be increased to 87 acres.

His main ditches are on the contour lines and the cornfield is ditched at the same time the corn is laid by. Plastic siphon tubes are used to transport water from the main ditches to the lateral lines.

Mr. Lohofener has never had a crop failure on his irrigated land.

### A New Barn

Faye Leichter, of Norton county, is planning a new barn in order to better handle his herd of Hereford cows. The new barn will be 38- by 60-feet and will have 2 maternity stalls, a calf pen, bull pen, and stalls with chain ties. It is well planned.

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The kidneys are Nature's chief way of taking excess acids and poisonous waste out of the blood. They help most people pass about 3 pints a day.


If the 15 miles of kidney tubes and filters don't work well, poisonous waste matter stays in the blood. These poisons may start nagging backaches, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

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## From a Marketing Viewpoint

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

*What is the hog outlook at this time?*  
—W. B.

The big question in the outlook for hog prices is whether demand will continue strong during the coming year. If it does, the level of prices should continue high. If not, prices could be lower despite the fact that market supplies of hogs will not increase.

Hog prices are expected to ease off from seasonal peaks in the near future. The major share of the seasonal price decline is not expected until November and early December. A rather sharp seasonal decline is expected at that time. The winter low is not expected to be as low as that of last year, which was \$20.75 at Kansas City on December 19. Some seasonal strength in prices seems probable during late January and February. Prices are not expected to equal the all-time high of \$30 of last February and March. If demand continues strong into 1948, the hog market should hold up well from February until August of next year. While this appears to be a fairly favorable price outlook, the profit situation is not so favorable because of high feed prices.

*Would it be profitable to buy 70-pound pigs for \$20 a head to feed out? We would have to buy corn.*—G. J.

Seventy-pound pigs at \$20 a head would cost about \$28.50 a hundred pounds, which would be no bargain. If you have to buy corn at present prices or even at prospective new crop prices, your costs will be extremely high. Although hog prices for the coming year may compare favorably with prices during the past year, which were by far the highest on record, there probably would be very little chance of profits because of the high costs on this type of a proposition.

*What is the turkey support price to be in Kansas this year?*—B. L.

The schedule of prices at which 1947 crop turkeys will be supported for the period September 1, 1947, thru January 31, 1948, has been announced by the U. S. Department of Agriculture.

Included are the live weight support prices which will reflect to producers 90 per cent of the August 15 parity, and the prices for frozen New York dressed turkeys at which the department will buy from vendors and processors.

The support prices for Kansas, given in cents per pound, are as follows: young turkeys under 18 pounds, live weight, 35½ cents; grade-A young turkeys, New York dressed, under 16 pounds, 45 cents; young turkeys 18 to 22 pounds, live weight, 31½ cents; grade-A young turkeys, New York dressed, 16 to 20 pounds, 40½ cents; young turkeys, 22 pounds and over, live weight, 25½ cents; grade-A young turkeys, New York dressed, 20 pounds and over, 33½ cents.

Prices of grade-B turkeys will be 3 cents a pound less on all classes, live and dressed. No purchases will be made of turkeys lower than grade-B, the department states.

*What will be the trend of butterfat prices during the next few weeks?*—J. C.

Milk production has decreased sharply in the last few weeks due to the drying up of pastures. This has been reflected in less cream for manufacturing purposes, as nearly all the milk at plants is being used for bottling at present. The diversion of cream from butter production with present small storage holdings of butter will tend to exert upward pressure on butter prices. This in turn will be reflected in higher butterfat prices.

*What is likely to be the level of egg prices during September?*—E. F.

Egg prices are expected to increase seasonally during September. At present, most terminal markets are receiving few high-quality eggs. As the weather becomes cooler, there should be a noticeable improvement in egg quality which will allow buyers to bid up egg prices.



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You'd be surprised at the number of farm operations in which your Army is conducting scientific experiments. Above you see a modern method of dusting. In this case, an Army helicopter is hovering over an insect-infested swamp, releasing DDT and forcing it earthward with the downdraft of its rotor blades.

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Capper Building : Topeka, Kansas

## Dollars for Europe

(Continued from Page 7)

rapidly getting entirely out of bounds. Of course, not all the high prices are the direct result of inflationary governmental policies. There is a world shortage of foodstuffs. In Europe and over much of the world outside the Western Hemisphere, there is not enough food to meet actual needs. In the United States there is not enough, apparently, to meet what people want to consume. It is a combination of world requirements and American purchasing power—and reduced corn production and prospects for reduced grain production generally next year—that is pushing food prices to such dizzy heights.

President Truman is due back from his South American trip today (September 20). The latest from the White House was that the President could see no need of a special session of Congress. Republican leaders in Congress say they see no need of a special session.

But Secretary of State Marshall and his State Department feel that the need is imperative. And from the State Department and from a stream of statesmen and journalists who have been abroad, has come in the last few weeks a flood of information—including perhaps some propaganda—to the effect that only a liberal contribution of American dollars with which Europe can buy needed American goods (especially food), can save Western Europe from economic chaos and political revolutions this winter.

Secretary Marshall considers a special session necessary because the need is for foods and fuel to carry thru the winter. And the winter starts before Congress meets in regular session, or words to that effect.

Not all the suggestions from Europe are in the nature of pleas for help, altho the conference of 16 nations did report to Secretary Marshall (informally) that needs are for 30 billion American dollars over the coming 4 years. There also are actions. Britain is cutting down heavily on imports from the United States—tobacco, grains, movie films, a long list of items. Other European countries, and many Latin-American nations, also are limiting or prohibiting imports from the United States.

The first 6 months of this year we were exporting to Europe at the rate of \$20,000,000,000 a year, some 6 billion dollars of it being paid for directly by grants, loans, and advances from the United States Government. Exports are dropping noticeably since July 1. European governments apparently are convinced that the United States will provide loans or grants or something like Lend-Lease by the billions, rather than lose half our export trade.

That theory has strong support in this country. Washington correspondents for papers in the Farm Belt are being tipped off that unless Congress provides adequately in the matter of dollar grants to Europe, the export market for farm products will be severely reduced, with corresponding burdensome surpluses of major farm commodities in the United States.

The metropolitan papers in industrial districts are being provided with an equally appalling picture of what will happen in the way of industrial unemployment if exports are reduced materially. And the refrain all the way along is that the only way to keep up export volume is for the United States Treasury to supply Europe with American dollars so Europe can buy American goods.

And there is, of course, the apparently indubitable fact that Europe is not, and will not in the near future, be able to produce foodstuffs and industrial goods to anywhere near meet her needs. Western Europe is coming apart at the seams, we are being told, and only an infusion of American dollars can help the situation for the immediate future.

Of course, there also is some power politics involved. Last March 12, President Truman enunciated the so-called Truman Doctrine when he asked Congress for \$400,000,000 for economic and military assistance to Greece and Turkey. He got the money. But the Truman Doctrine (the United States

(Continued on Page 30)

**Announcing THE NEW "SKYLINE" LOADER**

**SKYLINE PRODUCTS**

## With HYDRAULIC CONTROLS

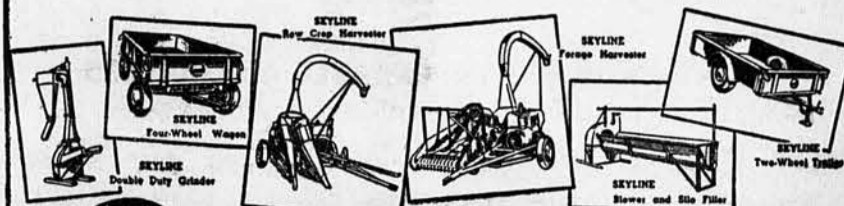
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**new ECONOMY "40" LOADER**

The new Economy "40", low-priced companion to the Model "90", is a full-sized, sturdy hydraulic loader equipped with scoop-fork attachment. Also available for the "40" is a buckrake attachment.

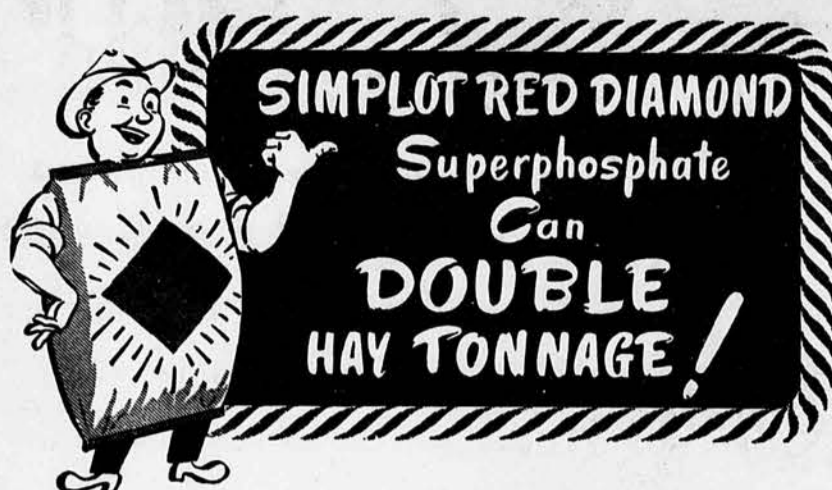
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## Ideal Place for Livestock

### And Just What the Area Needs

A YOUNG Smith county war veteran, Oliver Hipple, is laying the groundwork for a successful farming career in the poorest section of his county.

Thru the FHA, he has purchased 295 acres in the northwest corner of the county in a very hilly area. It is so badly eroded that farmers haven't been making any money even during the last few good years.

That his program is sound is indicated by the fact he showed a profit on his first year's operations.

"The way I see it," says Mr. Hipple, "this area is ideal for getting started in the livestock business, and livestock is what the area needs to bring it back."

There are only 135 acres of tillable ground on the farm so Mr. Hipple has received special permission from the FHA to lease another 80 acres to supplement his unit until more land is available for purchase.

A mixture of brome grass and alfalfa will be used to seed down the roughest spots on the farm and Mr. Hipple hopes eventually to have 40 acres of this mixture. Some of his land was left idle this year to go back to sweet clover and 15 acres of sweet clover were seeded. Another 10 acres will be seeded next year. "Sweet clover is easy to establish on these hills," says Mr. Hipple, "because no lime is needed. The stuff will grow anywhere." He has some corn this year on former sweet clover ground and it looks very good while most corn in the area will not make a crop.

Mr. Hipple plans for 8 head of dairy cattle but will major in a beef program. His plan is to buy short year-

lings in the fall, feed lightly thru the winter, pasture during early summer with possibly a little grain, then sell on the high summer market sometime in July. A few hogs will be kept to utilize the skim milk from his dairy herd and he plans an irrigated garden. "My wife and I figure we can practically make a living from a large irrigated garden," says Mr. Hipple. "That will give us more funds with which to carry on our regular farming operations." The garden and a small orchard will be irrigated from a proposed stock pond.

Most of the tilled land is being farmed on the contour and terracing will be done as soon as the deeper ditches can be repaired. Twenty head of beef cattle will start the main livestock program and will be expanded from there.

Remodeling the house is being done now. Rooms are being rearranged and closets and built-ins being provided.

Mr. Hipple is operating under limited financing. His total FHA loan was \$7,184. Purchase price of the farm was \$6,500 and the balance was for building repairs, remodeling and fence repair. He can borrow more later for additional remodeling. He will borrow, too, for his livestock purchases, either from Production Credit or the Farmers Home Administration in the county.

According to FHA officials, the Hipple farm is not large enough for the area, but size of the farm was limited to available land and a limit for the county on FHA loans. Mr. Hipple needs another half section for a balanced farm unit, FHA officials point out. This additional land will be added as soon as possible.

## Will Raise Less Wheat More Feed and Legumes

THE price of wheat still is high. But some farmers are looking to the future when it may not be so favorable. They are beginning now to adjust their crop plans. Walter O. Curtis, Clay county, had 600 acres of wheat this year. Before recent demands by the department of agriculture for more wheat from the nation, Mr. Curtis planned to reduce his acreage 20 per cent.

He is looking to increased production of feeds and feed grains. This fall he expects to seed 50 acres of winter barley. If it is no good, he says, the ground will be summer fallowed and returned to wheat next year. Prices may be lower in the future, he says, but it is the possibility of less favorable moisture conditions that concerns him most. For that reason he is looking to production of sorghos and milos in greater quantities.

A long-time advocate of legumes in rotation, alfalfa and sweet clover will figure in his plans. This year he had approximately 100 acres in legumes, 45 in alfalfa and 55 in sweet clover.

He retains a stand of alfalfa 6 or 7 years, and uses sweet clover in more rapid rotation. Altho most sweet clover is seeded in spring, he has had

good luck with fall seeding. The clover is pastured the following spring and harvested for seed later in summer.

It will work wonders for soil, according to Mr. Curtis. He tells about one 320-acre farm that would produce no more than 7 or 8 bushels of wheat an acre 20 years ago. It was rolling land with a sandy loam soil. It was regarded as poor property. About as poor as you could find, he says. Last year the field averaged 18 bushels, this year 25 bushels. He uses a 5-to-2 rotation, 5 years of wheat and 2 years of sweet clover.

After sweet clover it plows better and the soil will absorb greater quantities of moisture, Mr. Curtis adds. Sweet clover certainly worked for him. It helped him produce a crop this year that was worth as much as the land.

### On Wrong Plant

Farmers are being warned by the U. S. Department of Agriculture not to spray 2,4-D by plane in areas where broad-leaved crops are growing. Extensive damage has been reported in Texas and Louisiana from 2,4-D falling on cotton plants near rice fields being sprayed.

## Grand Champion Hereford Bull



CK Creator 13th, shown by CK Ranch, Brookville, was judged grand champion Hereford bull at the Kansas Free Fair. He also was reserve grand champion at the National Hereford Show, at Lincoln, Nebr., this year. Behind Creator is Gene Lundgren, manager of CK Ranch.

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Built and tested for rugged western conditions, this Earthmaster is making friends everywhere. Its easy automatic lift assures positive depth control — ingenious design allows right turns to be made as easily as left — three way axle keeps corners from gouging. To set depth you make a simple screw adjustment, shifting two bolts alters pitch of discs up to 2° either way. Rugged all welded steel construction is used throughout. Equipment includes either 22" or 24" blades. The Earthmaster runs level, pulls lighter, gives you uniform turning of ground at all cutting depths.

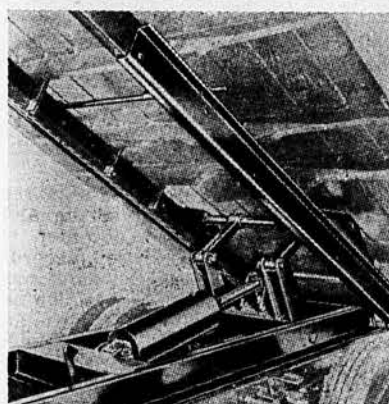
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Hydraulic Grain Hoist  
Raises Bed only  
three-fourths of an inch  
NOW AVAILABLE**

**TRUCK PARTS CO.**  
LD 108 Wichita

## Free Fair

(Continued from Page 10)

champion bull, Oscar Ohlde, Palmer, on Sir Homestead Mabel Posch; junior champion female, David Palmer, Topeka, on DeKol Corrector; senior and grand champion female, Kansas State Penitentiary, Lansing, on Kansas Pan Walker Sunbeam.

### Swine

**DUROC-JERSEYS:** Senior and grand champion boar, Karl I. Dieter, Maryville, Mo., on Okla Tops; junior champion boar, Marvin Buchner, Cameron, Mo., on Bright Tin Gold; senior and grand champion female, Rathers Purebred Stock Farm, Ponca City, Okla., on Rockets Queen 2nd; junior champion female, James Bradley, Holton, on Cherry Sensation.

**CHESTER WHITES:** Senior and grand champion boar, Williams Farms, Ravena, Nebr., on Williams Jubilee; junior champion boar, Williams on Jubilee Attraction; senior and grand champion sow, Williams on Miss Chester II; junior champion sow, Eldon Mosler, Oswego, on Mosler's Pride.

**HAMPSHIRE:** Senior and grand champion boar, W. J. Stewart, Waterville, on Grand Fashion; junior champion boar, O'Bryan Ranch, Hiattville, on Clipper Ace; Senior and grand champion sow, O'Bryan on Miss Glory Model 1st; junior champion sow, Theodore Binderup, Gibbon, Nebr., on Beauty Show.

**SPOTTED POLAND CHINAS:** Senior and grand champion boar, Wayne L. Davis, Mahaska, on Silver Model; junior champion boar, Wayne Davis on Wide Name-sake; senior and grand champion sow, Davis on Lady Security; junior champion sow, Davis on Namesake Lady 1.

**POLAND CHINAS:** Senior and grand champion boar, Wayne Williams & Son, Grandview, Mo., on Wonder Buster; junior champion boar, N. L. Farmer, Platte City, Mo., on an unnamed entry; senior and grand champion sow, Gordon McLin, Silver Lake, on Style Fashion; junior champion female, Wayne Williams on Busters Lavender.

### Sheep

**SHROPSHIRE:** Champion ram, Eldred Mohn, Norborne, Mo. Champion ewe, H. E. Heiser, Ramona.

**SUFFOLKS:** Champion ram, Herman Popp, Haven. Champion ewe, Ed Stone & Son, Chariton, Iowa.

**SOUTHDOWNS:** Champion ram, Doak Brothers, Hillsville, Mo.; reserve, Tonn Brothers, Haven. Champion ewe, Doak Brothers; reserve, Doak Brothers.

**HAMPSHIRE:** Champion ram, Charles Armentrout, Norborne, Mo. Champion ewe, Armentrout.

### Horses

**BELGIANS:** Junior champion stallion, J. F. Begert, Topeka, on Leander; senior and grand champion stallion, Begert on Gandhi d' Oost Hof; junior champion mare, S. H. Hays, Warrensburg, Mo., on Sugar Laura; senior and grand champion mare, Hays on Constance Farceur.

**PERCHERONS:** All awards went to single exhibitor, McElwain Brothers, Burrton.

### Corn

Champion 10 ears hybrid corn, Henry Bunch, Everest.

Champion 10 ears open pollinated yellow corn, Rolly Freeland, Effingham.

Champion 100 ears white hybrid, Norris Rice, Meriden.

Champion 100 ears yellow hybrid, William P. Habiger, Parsons.

### Huge Grain Export

An estimated 1,847,587 long tons (72,019,948 bushels) of grain and grain products were exported in July this year, states the U. S. Department of Agriculture.



# "Cool and Mild"

— that's the forecast when you pack your pipe with tongue-gentle **PRINCE ALBERT**—America's largest-selling tobacco!

*Henry Carver*

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"YESSIR! I've smoked Prince Albert in my pipe for years," says Henry Carver. "P.A. is rich tasting and easy on the tongue—makes smoking a pleasure. P.A. packs right and burns right and gives me a smooth, tasty smoke right down to the bottom of the bowl."

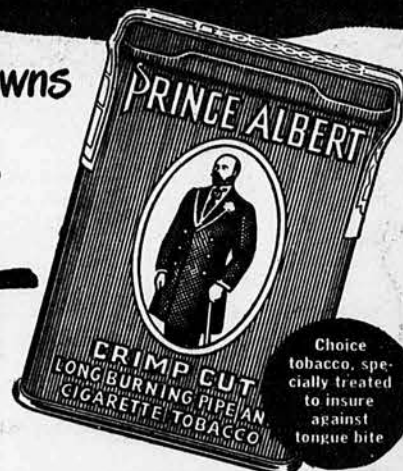
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### THE EASIER METHOD FOR WORKING SOIL

Here you have a new idea for preparing the soil. Four foot square sections of heavy steel, with row on row of diamond shaped cutting edges, provide a method of working the soil to make seed germination easier without disturbing the more solid, moisture retaining soil underneath. The Stahmer Diamondrah Harrow, properly weighted with field stone or other weights, slices through, pulverizes and levels... leaving behind it a garden-like seed bed. As the sliced lumps drop in and out of the rows of cutting edged steel, they are reduced to fine soil and distributed evenly over the ground. Clods cannot be pushed aside but are sliced into loose soil.

In addition to preparing an ideal seed bed, the Stahmer Diamondrah Harrow will cover and secure the planted seeds by simply reversing the sections. A good dirt farmer, in less than a minute, understands the advantages of this new type of modern drag harrow which has been tested and proved by many agricultural colleges and hundreds of farmers. It makes farming easier, faster and more profitable. The Stahmer Diamondrah Harrow is available in either 3 or 5 section units. Quickly assembled, the sections can be joined in a number of ways to meet varying field requirements. Every farmer will want a Stahmer Diamondrah Harrow. Immediate Delivery!

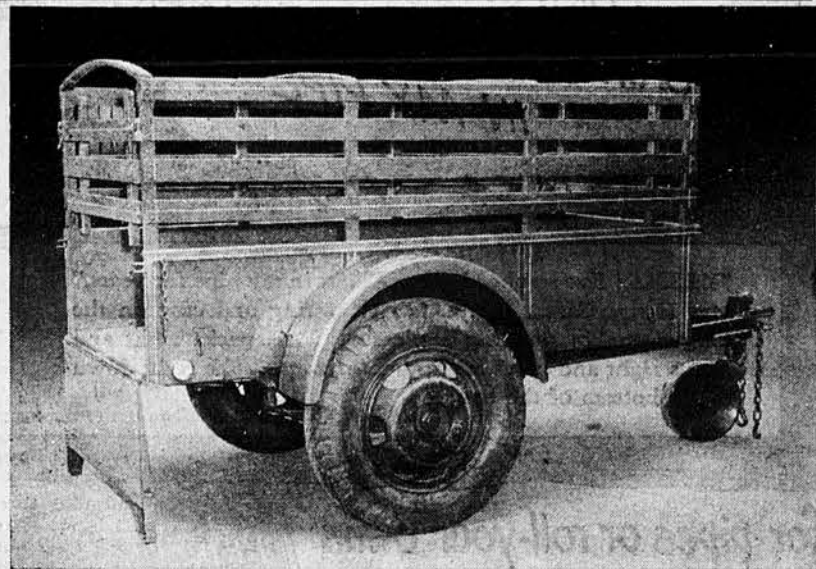
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## Strip Dumps Can Be Farmed

(Continued from Page 6)

grow wild on the dumps, why not try planting something on them," reasoned Mr. Holzer.

As a member of the Pittsburg Chamber of Commerce agriculture committee, Mr. Holzer interested that group in an experimental project. The Chamber of Commerce, co-operating with county commissioners and the State Forestry, Fish and Game Department, set up an NYA project with the work being financed by the Coal Mining Operators' Association.

Known as the Fleming Project, this experiment was entirely with bush and tree fruits, grapes, nut-bearing trees, and hybrid poplars. More than 100 varieties of bush and tree fruits and nut-bearing trees were set out in the spring of 1940.

This project now is badly run down but the experiment did show some definite results. Grapes appear to be the surest crop that can be produced on the dumps and these grapes have an unusually fine flavor. Two of 6 varieties of gooseberries tested show promise of being commercially important. Hybrid poplars have done very well, growing 2 or 3 times as rapidly as on unstripped land. Many of the fruit trees planted are still there, appear hardy and are bearing, altho getting very little care.

#### Ideas Don't All Agree

There is wide difference of opinion locally as to what the experiment proved. Some believe it was a failure. Others, like Mr. Holzer, feel that some sections of the dumps could be farmed intensively with fruit and bring annual returns of several hundred dollars an acre. In some cases the dumps would have to be partially leveled. In others they could be worked as they stand. Not until someone risks private capital will the possibilities be fully realized.

On a long-range basis black walnuts appear to have good possibilities. The state owns one 800-acre grove of walnuts planted in 1935 by the CCC on leveled dump land. These trees are doing exceptionally well. Some local observers say the tract will be worth several hundred dollars an acre within 25 years for commercial timber.

The Federal Government also is taking an interest in the area and is doing some experimenting. A branch station of the Central States Forest Experiment Station has been established at Pittsburg, with Nelson Rogers, a forester, in charge.

Mr. Nelson and his staff have made 5 experimental tree plantings on dumps scattered over Southeast Kansas. These plantings consist of 14 species or age classes of shortleaf pine, loblolly pine, ponderosa pine, jack pine, pitch pine, virginia pine, eastern red cedar, black locust, black cherry, green ash and burr oak. Black walnut seeds also were planted. All of the plantings

were made in March and April of this year on land owned by coal mining companies and at the expense of the mining companies.

Two things Mr. Nelson hopes to discover are which trees can be profitably grown on a commercial scale; and how old must the dumps be before they can be revegetated. The plantings were done on dumps ranging in age from 1 to 7 years.

Mr. Nelson doesn't intend just to sit back and watch the trees grow. One thing he plans is a comparative survey of available moisture during the critical growing period for trees planted on the dumps and for trees planted on level farm land adjacent.

Another project is taking and studying samples of the soils and other materials found in the dumps. He already knows that the dumps vary considerably in their soil makeup thruout the stripped area. What he hopes to do is to classify these soil samples into definite groups. "Some day," says Mr. Nelson, "a farmer buying a stripped area can come into this office and get complete information on the soil formation of dumps on his land. From this information he will know exactly what will grow on them and how to develop the land for greatest returns."

Personally, Mr. Nelson isn't as enthusiastic over future returns as are some local residents. However, he believes if there is any future development possible it will be in managed wood lots for pulpwood production. He points to the fact that trees planted on the dumps do grow 2 or 3 times as rapidly as those on undisturbed soil. By planting some of the new hybrid trees which grow quicker than straight varieties, on the dumps, where they would gain additional speed of growth, pulpwood could be produced years sooner than formerly possible.

#### Good Place to Fish

Strip mining already has revolutionized recreation in the area. Most of the pits become partially filled with rainwater, some to considerable depth. Many of these pits have been stocked with fish and sportsmen are swarming in to reap the benefits.

The Federal Government was establishing a large fish hatchery at Farlington lake, in Crawford county, before the war. This project, dropped during the war, no doubt will be resumed. Farlington lake covers 150 acres and has an irregular wooded shore line. The lake and surrounding park cover 615 acres. Since there are thousands of mine pits, nearly all of which are potential fishing holes, the possibilities for expansion of fishing are just about unlimited.

Beaver colonies have been established in 2 of the mined over areas and are thriving. Muskrat have become so

(Continued on Page 26)


## Will Go to American Royal



The Beloit F. F. A. livestock judging team, which won the state Vocational Agriculture judging contest last spring at Manhattan, will represent Kansas at the National F. F. A. Livestock Judging Contest, October 21, at the American Royal Livestock Show, in Kansas City. Back row: Howard Bradley, coach, and Ray VanPelt. Front row: Carleton Broadbent and Jim Adams.

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

## Seeds Less Wheat In Fertile Soil

HOW much wheat do you seed an acre? Rex Curtis, McPherson county, has contended for years it is a waste of seed to sow a bushel or a bushel and a peck on each acre. Out West, he says, they seed less and do all right with it. Maybe, he reasons, they have stuff left in the soil that has been taken out here.

He started farming for himself in 1942, but he had thought about smaller seeding longer than that. When he went on the farm an equation was in the back of his mind: High soil fertility plus 40 pounds of wheat an acre equals good yield.

His first opportunity to prove his point came when he received a quart of Pawnee wheat seed. That was a few years ago when a quart of Pawnee was something. He seeded it very thin on a small patch of ground that had been summer fallowed 2 years before. The return was 48 quarts of Pawnee from one. It stood well.

From there he started on a program of soil building. He increased organic matter with sweet clover and used applications of phosphate. The results speak for themselves. This year 56 acres of wheat averaged 39 bushels an acre. Thirty acres of this was sweet clover ground where he seeded 40 pounds of wheat an acre. The remainder was atlas ground, he seeded 45 pounds. With it he used 50 pounds of 45 per cent phosphate or 100 pounds of 20 per cent. But he wasn't satisfied, because he has raised 50-bushel wheat without seeding heavier.

On the sweet clover ground the wheat stood out well, he reported, but on the atlas ground it didn't. That is why he is working to get sweet clover rotated over all his farm.

His conclusion is this: On good ground wheat will stand out when seeded thin. And should the year be unfavorable a thin stand would be better than if it were thick. But if soil fertility is low, Mr. Curtis is almost certain it will not work.

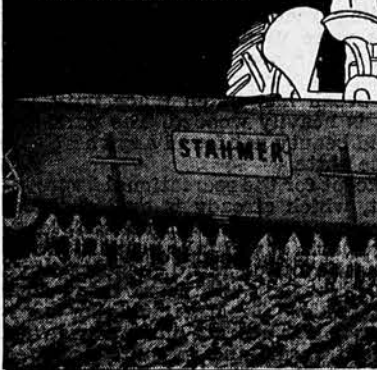
### New Camp Idea

Something new in the way of summer camps was tried this year by 4 Northwest Kansas counties, Rawlins, Thomas, Cheyenne and Sherman.

These counties pooled their efforts and sent 200 4-H Club members and their leaders to a 3-day camp at Cameron Pass, Colo. The camp was so successful it will be made an annual event, says Harold Shull, Cheyenne county agent.

Kansas Farmer would like to hear what other 4-H Clubs did.

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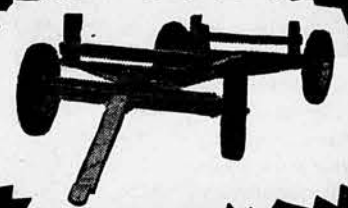
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The Stahmer is a smooth performer due to carefully engineered features and sturdy construction. Special auger type discs are built into "proved performance" revolving agitators. They keep the hopper bottom clean and force fertilizer out of the openings... pulverize lumps and spread uniformly. Quickly regulated, the Stahmer distributes from about 100 to 8000 lbs. per acre and spreads an 8-foot width of fertilizer 6 inches from the ground. The hopper has 800 to 1000 lbs. capacity—built of 12-gauge hot rolled steel—all in one piece with welded-in ends. Extra heavy axles carry specially designed wheels using standard tires. The Stahmer is built right. Order your Stahmer Fertilizer and Lime Spreader now.



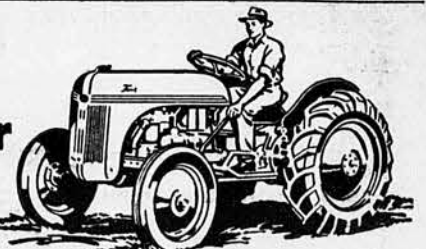
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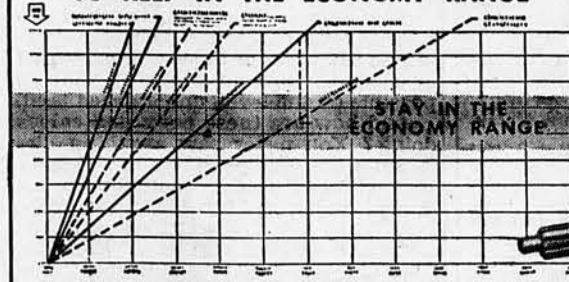
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at your Ford Tractor Dealer's The "Tractor Economy Chart" illustrated here shows you how your Ford tractor with Sherman Step-Up Transmission can put money in your pocket at every turn of the wheels.

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## Strip Dumps Can Be Farmed

(Continued from Page 24)

plentiful many local residents make a good living thru the winter trapping them. All kinds of wild life could become abundant with proper management. The state has a 683-acre quail farm in Crawford county but has done little development say local folks.

A 300-acre recreational park, developed from strip land, can be found just north of Pittsburg. Tops of the dumps in this tract were knocked off to form winding roads thru the park. Some trees were planted and pits stocked with fish. Since the park was established, much volunteer growth of trees and brush has taken place until the area is heavily wooded. The park has a wild beauty not found anywhere else in the state.

Except for the recreational improvement, which already is evident, most of the experimental work is on a long-range basis. It will take years to prove.

On the other hand, results have been immediate with work being done by some of the larger mining companies to incorporate dump areas with straight farm land in units designed for livestock production.

One of the largest of these experiments is being carried on by the Pittsburg & Midway Coal Mining Co., with Paul Phelps, farm manager for the company, in charge of reclamation and management of the new units.

The company is developing 3 farm tracts, combining stripped areas in each farm with undisturbed land about them. These tracts include one farm of 1,080 acres, one of 640 acres and one of 480 acres. The largest farm, known as

### Paradox of Plenty

*If we choose to build and conserve our resources—as we must in order to survive—then we have no alternative but to accept abundance and learn to live with it. It must sound paradoxical to countries poor in resources that we must search for ways to use our abundance in order to provide abundance for the future. Yet that is our true situation.—Secretary of Agriculture Anderson.*

Chain-O-Lakes, is being used as the parent farm for experimental purposes. About 50 per cent of the total acreage in each farm is dump land.

Three years ago all the dumps on the parent farm were seeded to sweet clover, which was broadcast with a hand cyclone seeder by men walking along the slopes. Dumps were not limed before seeding as would be necessary on the flats. Seeding was in the spring at a rate of 20 pounds an acre. All dumps had weathered the required 2 or 3 years before anything will grow on them. In this weathering process the dumps settle to about two thirds their original height and sluff off thru erosion. After the weathering, slopes are less steep.

Other improvements included knocking off the tops of some dumps for access roads and planting a few trees on slopes for shade.

### Made Good Pasture

Ninety days after the sweet clover was sown, a cow herd of good grade Herefords was turned into the dump area. Sweet clover was the main available pasture. The second year the sweet clover was allowed to seed. Then, in the fall, a grass mixture consisting of brome, orchard and rye grass, was broadcast at the rate of 20 pounds an acre.

This summer the company had 260 head of cows, calves and yearlings grazing on 640 acres of these dumps, which is a higher rate of stocking than is possible on the level, undisturbed land.

And how are these cows and calves doing? You never saw anything like it, says Mr. Phelps. They are getting 10 months of pasture annually on the dumps and look like they were grain fed. "They are the healthiest and fattest grass cattle I ever saw," says Mr. Phelps. Part of this, he believes, is due to the unusual richness of the grass and part to the rough terrain. "You would think those dump slopes were too steep for cattle but they love it and they really develop ruggedness," claims Mr. Phelps. When given a choice, the cattle prefer to graze the dumps to level pasture adjacent, he adds.

Altho the herd is tested regularly for Bang's, not one case has been found in

3 years, which is unusual for the area. Calves thrive in the dumps and are more rugged and healthy than normal.

Stock water, which always has been a serious problem in the area, is no trouble at all when dumps are used for pasture. Nearly every dump has a natural stock-water tank alongside and nature keeps it filled. On Chain-O-Lakes, these pit tanks are supplemented by built ponds on the flat pasture as part of the water and soil-conservation program. About 100 acres of the farm have been terraced.

### Big Crop of Honey

Hogs and bees are being worked into the program, too. Ten brood sows are being kept now. The increase from both hogs and cattle will be used to stock other company-owned farms as they are developed along the Chain-O-Lakes method. Bees are a natural for all that sweet clover. Last year the hives on Chain-O-Lakes produced an average of 70 pounds of honey, which immediately was snapped up by the H. D. Lee Company at better than 50 cents a pound. George Richardson, in charge of the 22 hives handled this year, wants to boost the number to 50 hives. At this year's gross of more than \$35 a hive, that would add an annual income of nearly \$2,000.

Farm land adjacent to the dumps on Chain-O-Lakes also is being improved. In addition to ponds and terracing, all of it has been limed 3 tons to an acre. Part of it is being seeded back to a grass mixture similar to that used on the dumps and a sweet-clover rotation is being used for the cropland.

Since sweet clover seed on the dumps cannot be harvested, all seed for future plantings is being grown on the flats. The company is working toward a 12-month grazing program but will supplement pasture grazing some months with corn and sorghum silage and grain grown on the flats.

In addition to lime, cropped fields are getting 125 pounds of ammonium nitrate an acre, top dressed, and 125 to 200 pounds an acre of 2-12-6. Test strips are being left to check results.

Oats this year averaged around 55 bushels an acre, well above the county average. One of the best-paying crops, however, appears to be rye grass. This grass is making excellent pasture and producing a very profitable seed crop. Straw following threshing is fed to the livestock.

### Tenants Operate Farms

Chain-O-Lakes and other farms owned by the company are being operated by tenants under company supervision. The company pays half the cost of fertilizers used and all cost of lime and spreading. "By spending \$10 an acre on reclamation we have raised the value of these farms \$25 an acre in 3 years," Mr. Phelps says. "We feel that using the mine dumps for pasture in a livestock program is right in line with the new Balanced Farming program," states Mr. Phelps.

Brush and tree-filled pastures have been grubbed out by the company, which also is lending heavy equipment to farmers for the same purpose. Only cost to the farmers is for fuel and labor.

Officials of the various companies doing this reclamation work have not determined what will be done with the farms once they are "on their feet." Local residents hope that most of the former strip land will be reclaimed, packaged into "going units," and sold back to private owners.

But whether these reclaimed farms are turned back or are operated by tenants under company ownership, they are going to be more profitable to farm, and that section of the state appears to be headed for an agricultural prosperity never before known.

### To Prevent Fires

Every farmer will want to check the farm premises during Fire Prevention Week, October 5 to 11. A helpful bulletin on this subject published by the U. S. D. A., is entitled, "Fire Safeguards for the Farm." Kansas Farmer's Bulletin Service will be glad to have a copy of this bulletin sent to you free upon request. Please order by number, FB-1643.

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1620 Plaza Avenue Topeka, Kan.**Public Sales of Livestock****Angus Cattle**September 20—Northeast Kansas Breeders' Association at Hiawatha. Harry Dandliker, Manager.  
September 22-23—Ralph L. Smith Farms, Lee's Summit, Mo.**Ayrshire Cattle**

October 20—Northeast Kansas Ayrshire Breeders' Association Sale (Night Sale), Horton, Kan. Richard Scholz, Sale Manager, Lancaster, Kan.

October 22—Central Kansas District Breeders' Association (Night Sale), Hutchinson, Kan. G. Fred Williams, Sale Manager, Hutchinson, Kan.

**Brown Swiss Cattle**

October 1—Iowa State Breeders' Sale, Cedar Rapids, Ia. H. A. Brunemier, Secretary, Spencer, Ia.

October 22—Tri-State Breeders' Sale, Free Fair Grounds, Topeka, Kan. Ross Zimmerman, Sale Secretary, Abbeville, Kan.

**Guernsey Cattle**

October 17—Kansas Breeders' Association, Topeka, Kan. W. G. Ransom, Jr., Secretary, Homewood, Kan.

**Hereford Cattle**September 23—Kenney Bros., Butler, Mo.  
November 29—The Saline County Hereford Breeders' Association Show and Sale, Salina, Kan.

October 8—C. L. Burt Dispersion Sale, Hutchinson, Kan.; Vic Roth, Sales Manager, Hays, Kan.

October 9—Luft Dispersion Sale, Bison, Kan. Vic Roth, Sales Manager, Hays, Kan.

October 10—CK Ranch, Brookville, Kan.  
October 17—Frank R. Conell, El Dorado, Kan.  
October 18—Ed Hutt, Lone Jack, Mo.October 28—Miller Herefords, St. Marys, Kan.  
October 29—J. J. Belsch, Great Bend, Kan.  
October 29—T. L. Welsh, Abilene, Kan.October 31—Haven Hereford Breeders, Hutchinson, Kan.  
November 4—North Central Kansas Hereford Association Show and Sale, Concordia, Kan. George Wreath, Manager, Belleville, Mo.November 10—Cowley County Hereford Breeders, Winfield, Kan.  
November 11—W. H. Tonn & Son, Haven, Kan.November 12—J. H. Banker, Salina, Kan.  
November 14—Northwest Kansas Hereford Breeders, Atwood, Kan.

November 15—Wabunsee County Hereford Breeders' Association, Alma, Kan.; Howard C. Meyers, Secretary.

November 19—Dickinson County Hereford Breeders' Ass'n, Abilene, Kan. V. E. McAdams, Secretary, Abilene, Kan.

November 21—Sunflower Futurity, Hutchinson, Kan.  
November 29—The Saline County Hereford Breeders' Association Show and Sale, Salina, Kan.December 1—Ed Barnes Dispersion Sale, Collyer, Kan. Vic Roth, Sales Manager, Hays, Kan.  
December 13—Flint Hills Hereford Association, Cottonwood, Kan. R. R. Melton, Secretary, Marion, Kan.

February 2—Walters Bros., Winfield, Kan.

**Polled Hereford Cattle**

October 27—Mid-West Polled Hereford Breeders, Marysville, Kan. Bernard Hart, Sale Manager, Blue Rapids, Kan.

November 14—Plain View Farms, Jesse Riffel & Sons, Enterprise, Kan.  
December 6—Roy E. Dillard, Salina, Kan.**Holstein Cattle**

October 6—Win-View Farm complete Dispersal, John Elam, Winfield, Kan. T. Hobart McVay, Sales Manager.

October 27—Kansas Holstein State Sale, Abilene, Kan.; John Heersche, Chairman, Mulvane, Kan.

November 2—St. Joseph Home, Abilene, Kan. E. A. Dawdy, Sale Manager, Salina, Kan.

November 10—Central Kansas Holstein Breeders' Sale, Hutchinson, Kan. T. Hobart McVay, Sales Manager.

**Jersey Cattle**

September 23—Mr. and Mrs. George Schurle, Manhattan, Kan.

November 5—Kansas Jersey Cattle Club, Fair Grounds, Hutchinson, Kan. Ray Smith, Secretary, Hutchinson, Kan.

November 11—Frank L. Young, Cheney, Kan.

**Shorthorn Cattle**

October 31—North Central Kansas Shorthorn Breeders' Association, Beloit, Kan. Ed Hedstrom, Secretary, Mankato, Kan.

November 7—Mid-Kansas Breeders' Association, Salina, Kan. Mervin F. Aegerter, Seward, Nebr.

**Milking Shorthorn Cattle**

October 22-23—National Show and Sale, American Royal Building, Kansas City, Mo. W. J. Hardy, Secretary, American Milking Shorthorn Society, Chicago, Ill.

October 27—Kansas Milking Shorthorn Sale, Hutchinson, Kansas. C. O. Heidebrecht, Secretary, Inman, Kan.

November 13—McPherson-Rice County Breeders, sale at McPherson.

**Berkshire Hogs**

October 15—Kansas Berkshire Association Show and Sale, Salina, Kan. Kenneth Bohnenblust, Secretary, Bala, Kan.

**Duroc Hogs**

September 30—Tom Cox, Tone Durnell, Olen Durnell, Odessa, Mo.

October 3—Miami County Breeders, Paola, Kan. T. M. Gerken, Secretary, Paola, Kan.

October 8—Herman Popp, Haven, Kan.  
October 10—Night Sale, Frank Alexander, Seneca, Kan.October 10—Clarence Miller, Alma, Kan.  
October 11—Cloverdale Farms, Concordia, Kan. (Night Sale) Anderson Bros.

October 22—Wayne L. Davis, Fair Grounds, Fairbury, Nebr. (Night Sale)

October 28—Night Sale, Earl Martin &amp; Son, DeKalb, Mo. Sale at purebred livestock sales pavilion, South St. Joseph, Mo.

**O I C Hogs**

October 29—Kansas O I C Breeders' Association, Sale and Show at Hutchinson, Kan.; Marvin J. Hostetler, Secretary, McPherson, Kan.

**Poland China Hogs**October 8—Gordon McLin, Silver Lake, Kan.  
October 18—Kansas Poland China Breeders' Assn. Sale, Fair Grounds, Hutchinson, Kan. Ray Saylor, Manager, Manhattan, Kan.

October 25—C. R. Rowe &amp; Son, Scranton, Kan.

**Spotted Poland China Hogs**

October 16—(Night Sale) Virgil E. Walter &amp; Son, Rock Port, Mo.

October 27—Wayne L. Davis, Fair Grounds, Fairbury, Nebr.

October 29—Roy G. Keller, Berryton, Kan.

The E. J. SUDENDORF ESTATE dispersion sale of Holstein cattle September 5, at the farm near Ozawie, was attended by nearly 2,000 farmers and breeders. A top of \$400 was paid by Ralph W. Bemis, of Ellis, for a mature cow. Seventy-one head were sold making an average of \$208 a head. This entire offering stayed in Kansas. The sale was managed by Perry Teaford, who has managed the Sudendorf Farm for some time.

**Classified Advertising Department****KANSAS FARMER Classified Advertising****WORD RATE**10c per word each issue.  
Minimum—12 words.  
Names and addresses are part of ad, thus are billed at per-word rate.

Livestock Ads Not Sold on a Per-Word Basis.

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Column Inches	Cost Per Issue	Column Inches	Cost Per Issue
1/4	\$4.90	2	\$19.00
1/2	9.80	3	29.40

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**FARM EQUIPMENT****Milkers—Parts—Service**

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

**GENERAL PRODUCTS—Surge Distributors**  
157-59 N. Emporia Wichita, Kansas

Complete Ensilage or hay chopping outfit. Used on only 35 acres alfalfa. Less than dealer's price. Massey-Harris forage clipper, including row-crop reel and pickup attachments. Skyline blower mounted on rubber wheels. 2 Canvassmatic automatic unloading trailers. J. H. Mueller, Halstead, Kansas.

Windmills—direct from factory, \$33 up. Guaranteed 5 years. Free literature. Write today. Currie Windmill, Box 501, Salina, Kansas.

Bale Ties for sale, also Hay Press Blocks. We need Straw. Write for prices. Osborn Hay &amp; Milling Co., Oshkosh, Wis.

**ELECTRICAL EQUIPMENT****DELCO LIGHT**

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

**MACHINERY AND PARTS****NEW AND USED TRACTOR PARTS**Write for big, free 1947 catalogue; tremendous savings. Satisfaction guaranteed.  
**Central Tractor Wrecking Co., Des Moines 3, Ia.****AUTOMOTIVE**

Welding Generator 150 ampere \$47.50. Bargains, motors and generators. State your needs. Butler Electric, 1885 Milwaukee, Chicago.

**DOGS**

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

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

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

**EDUCATIONAL****AUCTION SCHOOL** Learn Auctioneering America's Leading Auctioneers Teach You. Students sell actual sales. Largest school in world. 14 years in operation. Don't be misled. Term soon. Free catalog. Write  
**REISCH AUCTION SCHOOL, Mason City, Iowa**

Make Up to \$30-\$40 Week as a Trained Practical Nurse. Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-9, Chicago.

**FILMS AND PRINTS**

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

Prompt Service. Two prints ("Never Fade" Deckledge Velox) of each negative on roll 25c. Highest quality. Reprints special offer. Write Welch Photo Company, 2418-32 Penn. Minneapolis, Minnesota.

18 Christmas Cards and envelopes \$1.00, 60—\$3.00, send negative. Three prints each 8 exposure roll 40c. Two each 35c. One each 25c. Reprints 3c. Fred V. Eastman, Bode, Iowa.

25c Roll Developed with 16 Velox Deckledge prints. Quick service. F. Skrudland, Lake Geneva, Wisc.

2c—Velox Reprints. Roll developed 16 prints 25c. Photographer, Lake Geneva, Wisc.

**FARMS—KANSAS**

160 Acres, 6 miles town, on highway, 80 in cultivation, balance alfalfa and bluestem, modern 6 rooms, large barn, hen houses, good water, nice home, \$75 per acre. T. B. Godsey, Emporia, Kansas.

For Sale—Farms and Suburbans. Some of them immediate possession, twenty minutes drive to Kansas University. Write for prices and descriptions. R. B. Cooley, R.F.D. 1, Lawrence, Kansas.

**FARMS—MISCELLANEOUS**

This might be your chance this winter... a clean, white blanket of snow sparkling in the moonlight, a homey wisp of smoke curling from your own chimney, sounds of cattle stirring in the barn, you scratch the ears of your kid's collie dog, take another drag on your comfortably warm pipe, and reflect how lucky you were to answer this United Ad: Money-making eastern Kansas 160 acres, 5-room house, barn and outbuildings, prompt possession, comes to you complete with 6 milk cows, 6 heifers, 4 shoats, team, farm tools, hay in barn, some household furnishings, canned fruit, sacrificed by widow owner at \$7,800, only \$3,800 down! Details big free Fall catalog 20 states. United Farm Agency, 428-KF, BMA Bldg., Kansas City 8, Mo.

Strout's Fall Farm Catalog. Just Out! Describes over 2,800 outstanding Farm Bargains—Coast to Coast. Many with stock, equipment and crops included. Pictures galore. Mailed Free. Write today. Strout Realty, 20 West 9th St., Kansas City 8, Mo.

520 Acres near Akron, Washington county, Colorado. Grain farm, all under cultivation. Good improvements. Price \$20,800. Terms. Louis Miller, Frankfort, Indiana.

**OF INTEREST TO WOMEN**

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

**PRODUCE WANTED**

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

**SEED****All Kansas Grown Seed****F. O. B. Salina, Kansas**

ALFALFA SEED	\$19.60
Lot Star, Per Bu.	
BALBO RYE SEED	3.50
Per Bu.	
BROME GRASS SEED	3.90
Per Bu.	
WESTERN WINTER BARLEY	2.35
Per Bu.	

**THE KANSAS SEED CO.****P. O. Box 877, Salina, Kan.****Kelly's High Yielding Hybrid Seed Corn**

\$5.00 to \$11.00 bushel. 15 numbers. 37 years experience producing high-yielding seed corn. Dried and processed in largest seed corn plant in world. Agents wanted. Good proposition. 20% and no money invested. Also want a good man to establish agencies and for general seed work.

Send for new corn and oat catalog.  
**KELLY SEED CO.**  
Peoria, Ill. San Jose, Ill.

Achenbach Brome Grass Seed from certified seed. State tested 96% germination, no dock or other noxious weed seed, less than 1% chaff or cheat. Recleaned. 20c pound. Herbert T. Niles, Lebo, Kansas. Phone 1253.

Achenbach Brome from certified seed, 2,500 lbs. Germination 95%, chaff 1 1/4%. Prime 18c. L. R. Goodin &amp; Son, Derby, Kansas.

**BABY CHICKS****U. S. APPROVED CHICKS****Pullorum Controlled****SEXED PULLETS \$1.09 COCKERELS \$3.95**

As Low As 100c Per As Low As 100c Per

Write for FREE CATALOG, Selling All Breeds

**THE WHITE CHICKERY, UCHILL CITY, MISSOURI**

Griffith Chicks. Immediate-Future Delivery.

Bred 25 years to make profitable layers—quick maturing fryers. Barred, White Rocks, Reds, Wyandottes, Orpingtons, Austra-Whites, Standard Mating \$8.95 per 100. Silver-Gold Matings \$11.45. Postpaid with cash or \$1.00 per 100 deposit—balance C.O.D. Free Catalog. Griffith Hatchery, Box 617, Fulton, Missouri.

**AAA Chicks—FOB Approved, Blood-tested Layers.** White, Brown Leghorns, Austra-Whites, Minorcas, \$8.95. Pullets, \$15.95. Rocks, Reds, Orpingtons, Wyandottes, \$8.95. Pullets, \$14.95. Heavy Assorted \$7.95. Mixed Assorted, \$5.95. Surplus Cockerels, \$4.95. Bush Hatchery, Clinton, Missouri.

Hawk's Chicks hatching now and the year around. Free price list. Hawk Hatcheries, Atchison, Kansas.

**MISCELLANEOUS****OIL AND GAS SPACE HEATERS**

2 to 7 room sizes, all known brands.

**MIDWEST APPLIANCE STORE****608 Kansas Ave., Topeka, Kansas****ARMY SURPLUS GOODS Used—Serviceable****PARCEL POST PAID**

Army Cotton Shirts (Sun Tan)	\$1.00 & \$1.50
Army Cotton Trousers (Sun Tan)	\$1.00 & \$1.50
Army Cot. Coveralls (Olive Drab)	\$1.00 & \$1.50
Army O. D. Blankets (Nearly New)	\$3.95
Army O. D. Blankets (Slight Defects)	\$2.95
Army Cotton Comforters (Good Condition)	\$2.95
Raincoats (Good)	\$1.50 & \$2.50
Wool Shirts (Olive Drab)	\$1.50 & \$2.50
Wool Trousers (Olive Drab)	\$1.50 & \$2.50
Field Jackets (Good Condition)	\$2.50
Navy Blankets (White)	\$6.95

**ARMY SURPLUS—ALL NEW**

B15 Flying Jackets (Size 34 to 46)	\$14.95
Navy Field Jackets (Size 34 to 36)	\$ 5.95
Army Rain Coats Good Long Coat (Size 36 to 42)	\$ 4.95
Navy Socks (Natural Color)	
Half Wool—3 Pairs	\$ 1.00
Army Coveralls (Cotton one-piece work suit)	\$ 3.95

**ARMY SURPLUS—NOT PREPAID**

Army Canvas Cots	\$2.95 & \$3.95
Tarpaulins 21 oz.—Square Foot	\$.08 & \$.10

Write for Complete Price List

**SIRES STORE CO., Leonardville, Kan.****GAS RANGES**

Full size, all porcelain finish, insulated, automatic oven control. Delivery now.

**MIDWEST APPLIANCE STORE****608 Kansas Ave., Topeka, Kansas**

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

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

Used Army Raincoats, good serviceable condition. Send no money—pay when received. Satisfaction guaranteed. Light weight \$1.50, heavier weight \$2.00. Buford Butts, Sharon, Tennessee.

# Pump Up Your PROFITS



If you farm for profit, you'll want to know about this Worthington Vertical Turbine Pump, for it gives you dependable "rain insurance." The flick of a switch guarantees your crops water when they *must* have it . . . protects your whole farming investment against disastrous drought.

## BETTER CROPS... BETTER PROFITS

In addition to a greater yield, you get *better quality* crops . . . by furnishing the correct amount of water at each stage of plant growth. And at today's high food prices, the Worthington Vertical Turbine Pump's high pumping efficiency and low maintenance costs give you a profit margin that soon pays for the installation . . . and puts you dollars ahead for the future.

## LET'S TALK IT OVER...

Your local Worthington Dealer represents an organization with more pumping experience than anyone else . . . he'll gladly help you with your irrigation problem . . . and prove there's more worth in Worthington. Complete manufacturing, servicing and testing facilities at Denver assure you of prompt service.

Worthington Pump and Machinery Corporation, Harrison, N. J.;  
Denver 16, Colorado.



## Earns High Honor

For the fifth year, a Progressive Breeder's certificate has been awarded to R. L. Evans, Hutchinson, by The Holstein-Friesian Association of America. Only 124 Holstein breeding establishments in the nation have received this honor, and Mr. Evans is one of 5 Kansas breeders to qualify. The Progressive Breeder's award is the highest honor given to members of the national Holstein association, and it is given in recognition of a well-balanced herd improvement program developed over a period of years.

The last production test of the Evans herd in the Herd Improvement Registry program was completed December 31, 1946, with the 8-cow herd averaging 458 pounds of butterfat and 12,593 pounds of milk on 2 milkings daily.

The herd also has been classified for type and scored 81.1.

The current award is based on a herd of 19 animals of which 12 have freshened. Eleven of these 12 are home-bred animals, that is, born and developed at Mr. Evans' farm.

The purpose of the Progressive Breeder's Registry is to stimulate interest in breed improvement, and to give recognition to those herd managers and owners whose practices in Holstein breeding have met the high standards set by the national Holstein association.

The other Kansas breeders to be so honored are: T. Hobart McVay, Nickerson; E. B. Regier, White Water; Jake Zarnowski, Newton; and M. A. Shultz & Son, Pretty Prairie.

## A Good Stand

Wilbur Howell, of Norton county, is well pleased with seeding of a natural waterway to carry the runoff water from his terraces. He seeded the waterway last fall to a mixture of western wheat, crested wheat and rye grass, using 25 pounds of seed to an acre. He drilled over the entire area twice and packed once. This spring he had 50 plants to the square yard, which is considered a good stand.

Part of the terraced field draining into this waterway has a 9 per cent slope, yet Mr. Howell believes he can crop the field successfully and still control erosion. His plans are for summer-fallow wheat, with alfalfa on the lower slope. Part of the lower slopes later will be reseeded to native grass.

## To Hold Grain Show

The 25th anniversary celebration of the International Grain and Hay Show will be held in connection with the International Live Stock Exhibition at the Chicago Union Stock Yards from November 29 to December 6.

Increased premiums are offered this year, and a new system of distributing the prize money will be in effect which

## Beef CATTLE

### BEEFMAKER BULLS

Are Breed Improving Aberdeen-Angus Bulls—Come see the proof—their calves. Herd Battery—Six bulls in use. The top Aberdeen-Angus bloodlines and definitely reproducing their own kind. Comparison is invited with any other cattle. The "Jingle" in your pocket will warm the heart. Use them and prosper. Inquire of C. E. REED, 4114 East Central Ave., Wichita 6, Kansas. Telephone 68313 residence; farm 5-3868.

### Shorthorn Bulls, Females

Sired by Augusta's Prince and Divide Olympic. Many excellent 4-H Club prospects. Priced reasonable.

E. C. Lacy and Glenn E. Lacy & Son, Miltonvale, Kansas

### Hereford Cows and Heifers

Thirty head Registered and High Grade Hereford young cows and heifers. Priced to sell. Also 3 young saddle horses kid broke.

T. W. SPACHEK, Lincolnville, Kansas

## SHEEP

### Choice Hampshire Rams

Still have a few of those big heavy-boned imported Canadian yearling rams left, the kind that put 100-pound lambs on the early market. First come, first served at farmer prices while they last. Greystone Farm, Fayette, Missouri

### Chappells' Shropshires

We are offering some outstanding rams and ewes at this time. Write or come and see them. H. H. CHAPPELL & SON, Green Castle, Mo.

will more evenly divide the awards among the exhibitors. Special premiums also are being offered to exhibitors by several states and provinces.

It is expected that new quarters will be available for the show. Educational exhibits will feature the newest varieties of field crops released by the experiment stations, and the progress made by the crop improvement associations since the first show was held in 1919.

New classes have been added for alsike and white clover seed. All contests except the certified hybrid shelled corn and junior corn classes have been opened to all exhibitors from the same region.

No entry fee is charged and samples will be returned if requested. Entries close November 10.

## Boosts Wheat Yield

Advantages of using commercial fertilizers on various field crops often show up because of accidents that occur during the time they are applied.

This was true on the farm of R. M. Robinson, Anderson county. Mr. Robinson phosphated his wheat at seeding time last fall with 100 pounds of 20 per cent phosphate. About the middle of March, this year, he top dressed with another 100 pounds of 20 per cent phosphate and 100 pounds of 32 per cent nitrate. He got rained out before the field was finished, so covered part of the field 2 weeks later. Both times he missed 4 drill-row widths with the fertilizers.

Wheat getting the early top dressing was exceptionally good. That treated two weeks later was just fair, but wheat missed entirely was very poor, Mr. Robinson reports.

This particular field of wheat was seeded November 1 because it followed soybeans. Over-all average yield was 27 bushels an acre with more than half of it beating 30 bushels. Wheat following sweet clover on this farm, however, averaged 35 bushels an acre.

## Farm Safety Pays

Thru the results of greater publicity and more emphasis on prevention of farm accidents, the average number of accidental deaths on Kansas farms is dropping.

J. C. Mohler, secretary of the Kansas State Board of Agriculture, pointed out that since Kansas has stressed farm safety the average of farm deaths has dropped from more than 100 to 85 persons a year.

Farm paper and newspaper publicity on farm safety is an important part of the safety program, Mohler believes. And after looking over the amount of space the last National Farm Safety Week received in Kansas newspapers, he stressed the fact that keeping the people of the state aware of the dangers that are found on farms, and encouraging the employment of safety measures to reduce the chances of accidents, has done much toward lowering the rate of accidental deaths.

Making every week a farm safety week is essential if the accident death toll on Kansas farms is to be kept at the lowest possible figure.

## Good Man on Job

Employment of Robert H. Guntert by the Kansas State Board of Agriculture has been announced by Secretary J. C. Mohler. Guntert's new duties, according to Mohler, will be to administer the Kansas Agricultural Chemical Act of 1947, and the Kansas Livestock Remedy Law.

Included in problems that Guntert will face will be supervision of sample collecting for chemical analysis and reviewing labels placed on all agricultural chemicals and related products sold in the state, to be sure they are truthful statements about the contents of the package.

Guntert is a graduate of Kansas University, receiving a degree in entomology, and has served as a state nursery inspector for the past few months.

## Less Feed Grains

Indications are that the 1947 production of feed grains will be 15 per cent less than last year's record, but 8 per cent larger than the 1937-41 average, says the U. S. Department of Agriculture.

To offset this there will be a probable increase in supplies of oilseed meal and a record supply of hay. Pastures and ranges also are in excellent condition.

## MAKE THIS "PROVE IT" CHECK TEST

### Before You Buy Any HYDRAULIC LOADER

100 or more brands 18 months ago . . . around 40 today . . . probably less tomorrow. Who gets stuck with the inefficient and orphan machines? The farmer, of course. That's why it pays to compare . . . and to know the manufacturer from whom you buy.

### You'll Always Be Safe with Jayhawk

Jayhawk is simplified, soundly engineered, tested to 2850 pounds, has no overhead parts. Attaches, detaches 3 minutes. Has automatic load leveler, single oversized cylinder beneath tractor, many other advantages. And it's made by a farm implement firm established in 1903 . . . there'll always be parts and service.

FREE "PROVE IT" CHECK CHART . . . gives all facts, compares 12 different features . . . makes it easy to check before you buy. Also free illustrated circular with complete Jayhawk story. Send for both today.

WYATT MANUFACTURING CO., Dept. L258, Solina, Kansas

NEW **Jayhawk** HYDRAULIC LOADER

**Buy Direct From Factory and Save**

After 10 years of building Lawn Mowers, we have developed a sickle type mower that will cut fine grass or large weeds. Will cut lawns as short as 1 in. Especially built for Cemeteries, Parks and Schools. Mower has I.H.C. Lespedeza guards and sickle, which gives double cutting capacity. Center drive on sickle permits close cutting around curbs and shrubbery. When answering this ad state type of mowing: Yards, Parks or Cemeteries.

**SPECIFICATIONS**  
Width of Cut—36 in. Bearings—Standard Ball.  
Power—1 1/2 H.P. Air-Cooled Motor.  
Frame—Fabricated Electric Welded Steel.  
Differential—Auto Type Drives From Both Wheels.  
Drive—Standard Auto V-Belt. Gears—Machine Cut.  
Tires—400x8 Pneumatic. Self Propelled.

Foushee & Heckendorn, Cedar Point, Kan.

## Add Years To Your Silo With

# SILO SEAL

### Merit

The acid in silage, over a period of years, cause the lining of silos, regardless of construction material, to disintegrate. Immature feeds and excessive moisture silage, being extremely high in acidity, are especially injurious to silo linings.

Silo Seal has been successfully used for eighteen years by Kansas Farmers and Dairymen. Write today for literature. Immediate delivery.

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McPherson Concrete Products Co.  
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**Easy to DELOUSE POULTRY**

WITH **BLACK LEAF 40**

Tap Black Leaf 40 on roosts with Cap-Brush applicator before chickens go to roost. Nicotine fumes kill lice and feather-mites.

Buy only in factory-sealed packages to insure full strength.

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LOOK FOR THE LEAF ON THE PACKAGE

**CONTROLLING FEED COSTS**

With a Dodson Silo you know what next winter's feed will cost. You can build better beef for less money and do it easier. Literature on silos, grain bins, farm buildings.

**DODSON** MANUFACTURING CO., INC.

PLANT AT WICHITA AND CHICAGO, ILL.  
1463 BARWICK - WICHITA 2, KANSAS

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are accepted  
in Kansas Farmer

# HOGS

## Missouri Duroc Auction

Tom Cox, Tone Durnell, Olen Durnell, Odessa, Missouri, Sell 60 DUROCS at the Tone Durnell farm 1/2 mile east of

Odessa, Missouri

Tuesday, September 30

(Odessa is 35 miles east of Kansas City)

25 BOARS and 85 GILTS: They will weigh over 300 pounds sale day. They are from big litters and sired by desirable type, well-bred boars. Our sow herd was established from leading herds in Missouri and Iowa. We would like to send you a sale catalog. Address TONE DURNELL, Odessa, Mo. Bids may be sent to Auctioneer Bert Powell in our care.

## Shepherd's Superior Spring Boars

Sired by Lo Thick Master and Super Spot Light (top boars coming to Kansas in '46). These are growthy, real red, very thick, deep, smooth bodied, great hams, low set, none better. Immured and guaranteed to please. See them or write us before buying your boar. Kansas' oldest herd. G. M. SHEPHERD, Lyons, Kan.

## CHOICE DUROC GILTS

Sired by Top Crown by Crown Prince, Illinois Champion and bred to Quality Lad and Gold Crown. Both have quality and color. Gilts are dark red. Good quality. Also two fall boars and spring pigs by Top Crown.

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

## HAVEN HOLLOW FARM

Extra choice Duroc spring boars and gilts. Sired by "Topper" and "Low Down Fancy." G. F. Germann & Son, Manhattan, Ks.

## DUROC BOARS

Only the very tops saved so get yours now. Breeding plus individuals. Durocs since 1900. Vern V. Albrecht, Smith Center, Kansas

## NOW OFFERING

Outstanding Duroc Boars and Gilts Of March and April farrow. Choice individuals and popular breeding. Priced to sell. Howard C. Talarferro, Leon, Kansas



Registered Blocky Type Pigs PETERSON & SONS Osage City, Kansas



BERGSTENS' HAMPSHIRE Improved

Now offering outstanding spring boars. Immured and registered new blood for old customers. "The Showpiece" and "Contests Ideal." Also open gilts. R. E. BERGSTEN & SONS, Randolph, Kansas

## O'BRYAN RANCH

Reg. Hampshires

Production tested—Packer—Farmer Type. Housewife Approved. For economical pork production we have the correct type. Desirable breeding stock always for sale. (Hattville is just a few miles S.W. of Nevada, Mo.)



## IN THE FIELD



Jesse R. Johnson Topeka, Kansas Livestock Editor

and MIKE WILSON, Livestock Fieldman, Muscotah, Kansas.

The EVERETT SPERRY Hampshire hog sale, August 28, at Lawrence, commanded very satisfactory prices. Boar pigs were sold for \$66 a head. Twenty-seven head were sold thru the auction ring, and every animal was purchased by Kansas buyers. Mr. Sperry writes the day was very hot and conditions in general in that locality were very good.

## Trend of the Markets

Please remember that prices given here are Kansas City tops for best quality offered:

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$33.00	\$32.00	\$19.90
Hogs	31.00	28.00	15.95
Lambs	25.65	23.85	18.75
Hens, 4 to 5 lbs.	.18	.17	.27
Eggs, Standards	.46	.41 1/2	.43 1/2
Butterfat, No. 1	.80	.70	.72
Wheat, No. 2, Hard	3.10	2.45 1/2	2.02
Corn, No. 2, Yellow	2.58 1/2	2.43 1/2	1.90
Oats, No. 2, White	1.26	1.12	.82 1/2
Barley, No. 2	1.87	1.66	1.45
Alfalfa, No. 1	30.00	30.00	31.00
Prairie, No. 1	15.00	15.00	19.00

## REGISTERED BERKSHIRES

Offering at reasonable prices late Spring Pigs, Summer Pigs and a few Bred Sows. Our fall litters by a son of the 1946 Missouri State Fair Grand Champion are arriving. Why not put in your order for a top pig from one of these litters. Dan Bohnenblust & Son, Bala, Kansas

ETHYLEDAL FARM

Herd Sires BRIGHT GLORY SPOTLITE SUPREME SPOTLITE JR. PRODUCTION 100 fall pigs, boars and gilts, ready for new homes. Dale Scheel, Emporia, Kan.

## YORKSHIRE HOGS

The lean-meat, post-war breed. Bred gilts, unrelated pigs. Write for illustrated circular. Yalehurst Yorkshire Farms, Peoria, Illinois

## BARROW SHOWS PROVE

Chester Whites, kings of the Show Ring. Feed Lot, Packer's Block. For more hog profits, raise the kind packers prefer — Chester Whites. Write for Free Facts. The Chester White Swine Record Ass'n Levi P. Moore, Sec'y, Rochester, Ind.



# 100 Ayrshires at Auction



Consisting of Young Cows, Bred Heifers, Open Heifers and 4-H Heifer calves. A few choice Bull Calves. These cattle selected from outstanding herds in Kansas.

## Northeast Kansas Sale—October 20—Horton, Kan.

6:30 P. M., Civic Center Building

For catalog and information write RICHARD SCHOLZ, Lancaster, Kansas, or AYRSHIRE SALES SERVICE, Brandon, Vermont.

Mike Wilson, auctioneer

Jesse R. Johnson for Kansas Farmer

## Central Kansas Dist. Sale—Oct. 21—Hutchinson, Kan.

6:30 P. M., State Fairgrounds

For catalog write G. FRED WILLIAMS, Hutchinson, Kansas, or AYRSHIRE SALES SERVICE, Brandon, Vermont.

Plan now to attend these two sales, and see our offering of top quality cattle.

# Schurles' Jersey Cattle Dispersal

On farm 12 miles west of Manhattan, Kansas

Tuesday, September 23

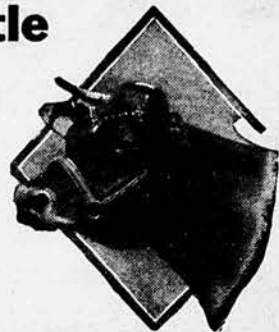
75 HEAD, featuring the blood of the great sires, Kanstol Coronation Ruler and Imp. Laburnum's San's Gene and other sires that have been prominent in building the herd, including the Star bull, Jester Rhet Ding. 50 Cows and Heifers, bred or with calves by sale day. 20 Heifers calves to breeding age. Young bulls. Yearly records up to 440 lbs. fat. Tb. and Bang's tested. Calfhood vaccination practiced in herd since 1938. Don't wait for a catalog—one will be handed to you sale day.

Mr. & Mrs. Geo. Schurle, Owners

Route 1, Manhattan, Kansas

Auctioneers: Powell and Ewing

Mike and Jess with Kansas Farmer



## Duroc Sale

Do You Need a Boar

or some

Choice Spring Gilts?



A few of the boars in this sale.

25 CHOICE BOARS -- 20 CHOICE GILTS

Saturday, October 11 -- Night Sale, 8 P. M.

Sale to be held at former prisoner of war camp. Two miles north of Concordia, Kan., on highway 81. Write for catalog.

CLOVERDALE FARMS, ANDERSON BROTHERS, Concordia, Kan.

Mike Wilson, Auctioneer

Jesse R. Johnson, Kansas Farmer

## QUALITY DUROC SPRING BOARS



We are now offering for sale Duroc Boars of top quality sired by the top son of Kehl King, also by Admiral and Victor Ace. These boars are of good type, well grown and ready to go out and do good for their new owners. They are cholera immune. We also have plenty of new blood for our old customers who have purchased breeding stock from this herd for several years. Priced to sell.

ARTHUR E. ROEPKE Waterville, Kansas

# Duroc Boar & Gilt Sale

Haven, Kan., Oct. 8

35 Spring Boars and Gilts

Several Sows Bred for Late Litters

Many of the gilts are sired by Square Sensation. The bred sows are carrying the service of Artese Market Sensation to farrow in September and October. This is really a good offering of Durocs. For catalog and information write

HERMAN POPP, Haven, Kansas

Auctioneers: Tonn and Heldebrecht



## Duroc Boar and Gilt Sale

October 10 (Night Sale), Seneca, Kan.



50 HEAD  
25 Boars  
and  
25 Gilts

The boars are mostly sired by Low Down Fancy, also several gilts are by this great boar. Several sons and daughters of Kansas Market Topper will be included in this offering. I am not holding a bred sow sale in the spring of '48 so, therefore, I am including my best gilts in this offering. The pigs are well grown, well developed, good smooth individuals and of the choicest bloodlines the breed affords. For catalog write

FRANK ALEXANDER, Corning, Kansas

Bert Powell, Auctioneer

Mike Wilson, Kansas Farmer

## Some of the Best Durocs in Kansas

Will Be Sold in Our October 3 Sale

Held in the Sale Barn at Paola, Kansas

(Sale starts at 1:30 P. M.)

We will have 50 head of boars and gilts including litters sired by Tops, Victory Orion and Lo-Down Fancy.

Anyone wishing to receive a catalog should write to FRANK PECKMAN or T. M. GERKEN, Paola, Kansas.

MIAMI COUNTY DUROC BREEDERS

Auctioneer: Bert Powell



## POLAND CHINA BOAR AND GILT SALE

Silver Lake, Kan. -- October 8



40 HEAD—20 Boars and 20 Gilts

The offering will include sons and daughters of Sound-off, Huba-Huba and Farm Master. Sound-off was grand champion at the North Central Kansas Free Fair at Belleville, first prize junior yearling boar at Topeka Style Fashion was grand champion sow at Topeka will have sons and daughters in the sale. Also a progeny of Miss Full Measure first prize aged sow at Belleville, she is by Full Measure the American Royal grand champion Boar. For catalog write

GORDON McLIN, Silver Lake, Kansas

Mike Wilson, Auctioneer

Jesse R. Johnson, Kansas Farmer

# A Top-Notch Offering of 15 Bulls--35 Females Friday, October 17



FRC Bocaldo

Pictured here is FRC Bocaldo, whose get is featured in this sale. He is a grandson of Hazford Rupert 71st; and three-quarter brother to the register-of-merit sire Beau Brummel Return, who was bred at Dellford Ranch.

The bulls are all of serviceable age. Most of them are sired by FRC Bocaldo. The heifers are bred, or will be ready to breed by sale time. About 14 will sell open. They are by FRC Rupert Tone 9th; FRC Rupert Tone 20th and Dellford Dupert 2nd, as well as FRC Bocaldo.

Lunch at noon. Sale at 1:00.

Ivie Carter, Show Herd — Olen Daniel, Breeding Herd  
A. W. Thompson, Auctioneer Mike Wilson, Kansas Farmer

Frank R. Condell

**Dellford Ranch**

El Dorado, Kansas

## Dispersion Sale of Brookside Farm Herefords

At Central Sales Pavilion, 1 o'clock C. S. Time

**Hutchinson, Kansas—Wednesday, October 8**

C. L. Burt and N. W. Collins, Hutchinson, Kansas, Owners

**212 HEAD**

Featuring the breeding of the great sires—Mischief Mixer, WHR Jupiter Domino 22d, Advance B Domino and Star Domino 6th.

**177 Females — 35 Bulls**

4 Herd Bulls—31 Yearling Bulls—30 Open Heifers—147 Bred Cows and Heifers  
All cattle tested for Tb. and all mature cows Bang's tested. Younger females officially calfhood vaccinated.

Lunch served on grounds.  
Address all correspondence to

**VIC ROTH, Sale Manager, Box 3, Hays, Kansas**

Auct. Freddie Chandler Mike Wilson and Jesse E. Johnson with Kansas Farmer  
Note: Attend the John Luft sale at Bison, Kansas, on October 9 and the C K Ranch sale at Brookville, Kansas, on October 10.

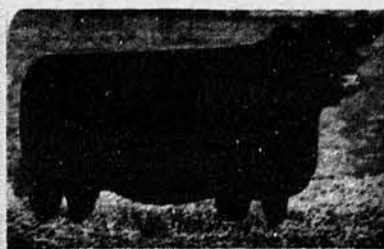
## Kansas Jersey Dispersal at Public Auction

**Armistice Day, November 11, 1947**

Frank L. Young of Cheney, Kan., will disperse his entire herd of registered Jerseys consisting of 18 daughters of Rachels Masterson 430322, an excellent son of the Excellent Superior sire Premier Masterson 346973, out of Excellent Brampton Whynot Rachel 1155456. Rachels Masterson will soon be a Superior sire himself as he has 18 classified daughters. Score 85% and his 12 oldest daughters have finished their 305-day lactation with an average of about 470 lbs. butterfat (as yet unofficial). These daughters will be in the sale.

Seven daughters of Zanthra of Oz 594796 to be sold, some in milk. 6 or 7 young bulls, some of them carrying 4 and 5 stars.

**FRANK L. YOUNG, Cheney, Kan., Shady Grove Farm**



QUEEN OF HEARTS 2nd X.

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

## BANBURY'S Polled (Hornless) Shorthorns

Cherry Hill Hallmark sired by the \$5,700 Goshall 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, Concordia, Mo., are producing the most perfect calves in the history of the herd (established 1907).

Young males and females for sale. Three head a specialty. Calfhood vaccinated. Deliver in Kansas at cost. Thursdays are special sale day at the farm, 22 miles west and 6 miles south of Hutchinson.

## Dollars for Europe

(Continued from Page 21)

would support any free and independent government in the world if it was threatened from within or without) has been pretty well discarded. The Marshall proposal (U. S. aid for European governments willing and able to help themselves) is supposed to have supplanted it.

However, Russia in the meantime has been moving. Marshal Tito (Yugoslavia), has recognized an independent Communist government for Northern Greece; Russia may "recognize" that government any time now. If it does—shall the U. S. send troops to Greece? A Turkish cabinet has been forced to resign; Russian pressure on Turkey mounts.

The Italian peace treaty has been ratified all around; U. S. occupation forces have 90 days to move out. Grave fears are expressed that the exodus of occupation forces (unless counterbalanced by a huge flow of American dollars) will be followed by a collapse of the present government and the accession of Communist or Communist-controlled government. And—after Italy, France.

The next session of Congress, whether special or regular, will face foreign problems a-plenty, to say nothing of the domestic problems incident to inflation, including considerable pressure for a return of price controls as well as Government controls of exports and imports and domestic industry and perhaps agricultural production and marketing.

## Our Timber Crop

Market value of the 588,526,000 board feet of timber cut on the National Forests during the 3-month period ended March 31, was \$2,846,505, an all-time high, the U. S. Department of Agriculture reports.

Average price paid by bidders for this type of timber rose to the record peak of \$4.84 a thousand board feet, 12 per cent higher than in 1946.

Altho demand for saw timber is unprecedented, sound forest management on a sustained-yield basis is gaining ground. Twenty-nine per cent of the forest-cutting practices on land owned by those holding 50,000 acres or more are now good. Small owners, who hold 76 per cent of privately owned commercial forest land in the U. S., are doing a bad job of management, it was stated.

## KONKELS' SPOTTED POLANDS LEAD

For Sale—Fall boars and gilts, also choice spring pigs, featuring a litter out of a sow sired by Grand View Supreme, the \$4,400 boar. Litter by Advancer.

DALE KONKEL & SONS, Haviland, Kan.

## HOGS

## KANSAS POLAND CHINA BREEDERS' SALE

Hutchinson, Kan.

Fairgrounds

**October 18**

40 Head Boars and Gilts selected from the leading herds in Kansas. For information contact

Ray Saylor, Mgr., Manhattan, Kan.  
Mike Wilson, Auctioneer  
Jesse Johnson, Kansas Farmer



## POLAND CHINA BOAR AND GILT SALE

**October 25, 1947**

Again we will offer boars and gilts of the usual good breeding and individuality. Remember the date and write for catalog and be with us on sale day.

C. R. ROWE & SON, Scranton, Kan.  
Mike Wilson, Auctioneer

## REGISTERED SPOTTED POLAND CHINA

**Boar and  
Gilt Sale  
Oct. 29**

Sale held at the Kansas Free Fair Grounds in Topeka, Kan. Offering double immune. Write for catalog.

ROY G. KELLER, Berryton, Kan.

## SPOTTED POLAND SPRING BOARS

For sale. Good thrifty pigs, sired by Right Model by Right Type from Plus Quality dams. Priced to sell. See or write

RANDALL TUCKER, Codell, Kansas

## Weller's Spotted Polands

Spring Boars and Gilts, sired by son of Counter Sign, and son of Broadback King. No bred gifts. Write or visit farm.

W. F. WELLER, Dunlap, Kansas

## FOR SALE SPOTTED POLANDS

Spring boars and open gilts. Leading bloodlines and good quality. Cholera immune. HENRY G. BLETSCHER, Bala, Riley county, Kansas.

## Luft's Foundation Hereford Dispersal Sale



**Thursday  
October 9**

At Ranch 5 miles East  
and 1½ miles south of  
Bison (Rush county),  
Kansas

**61 HEAD**

51 Females—mostly top brood matrons of good ages. Deep bodied and uniformly goodheaded and smooth, predominately daughters of the great bull, Real Prince Domino 18th (owned by Fulscher Herefords of Holyoke, Colorado).

10 Bulls—calves to yearlings. The young cattle are sired by Comprest Mixer 11th, a son of Clayton Domino 73d, and by Comprest Conqueror 32nd by Comprest Conqueror.

This offering is the result of years of careful sire selection and matings and includes breeding that has won championships in Futurity and State shows in strong competition.

Inspection of herd before sale day is invited.

For catalog or further information address

**JOHN N. LUFT, LaCrosse, Kansas**

Auctioneer: Freddie Chandler

Mike Wilson and Jesse E. Johnson with Kansas Farmer

## Quality Begins on Farm

Quality dairy products on the nation's food counters begins on the farm with the production of quality milk.

This fact was pointed out by H. E. Dodge, dairy commissioner, Kansas State Board of Agriculture, recently while commenting on the budget established by the American Dairy Association. This budget of \$1,200,000 will be used for the promotion of dairy products thruout the nation.

In co-operation with Kansas dairymen, and to aid them in realizing the greatest benefits from this promotional campaign, Mr. Dodge mentioned several ways in which the commissioner's office serves.

Participation in dairy meetings, in co-operation with dairy agencies in the state, is one of the most effective activities that the commissioner's office carries out according to Mr. Dodge. Each year during the spring months representatives of the commissioner's office go thruout the state attending producer dairy meetings, giving demonstrations and suggestions on how to produce higher quality milk and realize greater proceeds from dairy projects.

By having deputy inspectors at most of the creameries in the state, the commissioner's office is not only preventing unfit milk from reaching the consumer, but is protecting the quality milk producer from having the general grade of milk lowered by introduction of this lower-valued product on the market.

These inspectors condemn milk that is unfit, dye it red, and return it to the producer. This colored milk can be used as feed for livestock but not for human consumption. Milk that is nearing the danger line is tagged by the inspector, warning the producer, and suggestions are made on how to improve the quality of milk and thus improve the producers income.

By encouraging top-quality milk production, summed up Commissioner Dodge, the Board of Agriculture will aid the producers of the state to procure the maximum benefits possible from the national dairy promotion campaign that is now under way.

## Value of Weed Fight

Would you trade one dollar for four? In effect this was the value of the Kansas noxious weed law to the people of the state during 1946 alone.

As the tenth year of fighting bindweed in particular and all noxious weeds in general under the noxious weed law is in full sway, T. F. Yost, director of noxious weed control for the Kansas State Board of Agriculture, pointed out several interesting facts showing what this law has meant to the state.

In 1937 when the law was first passed it was estimated that Kansas had about 200,000 acres of bindweed. Based on actual studies it is known that the weed will double its area every 5 years if left alone. At that rate if the control law had not been enacted the state in 1947 would have had nearly 800,000 acres of bindweed costing the farmers about \$6,000,000 from crop reductions alone.

As a result of the last 10 years of fighting the bindweed infestation, Mr. Yost pointed out that in 1946 the actual cost to the state of administering the program against bindweed and all other related factors was not quite \$1,400,000.

In surveying the last 9 years of work and considering the tenth campaign now being carried out, Mr. Yost stated that during this period 91,760 acres of bindweed have been eradicated or are under treatment on farms alone, not including eradication work done on other-than-farms within the state. Another important fact showing the progress of bindweed control is that by subtracting the 15 most heavily infested counties the remaining 90 counties in the state have only 20,880 acres known to be infested with bindweed at present.

## Eggs On Their Own

Because officials feel that demand will be sufficient to maintain farm egg prices, price support buying of dried and frozen eggs has been discontinued. Producers' prices for eggs for the first 7 months of 1947 reflect an average of 93 per cent of parity.

Light holdings of cold storage shell eggs and good consumer demand are expected to make price support buying unnecessary for the remainder of this year, states M. A. Seaton, Kansas State College extension poultryman.

# Complete HOLSTEIN Dispersal of the Win-View Farm Herd

At the county fairgrounds (west edge of city).

## Winfield, Kan., Monday, October 6

### 115 Reg. Holsteins



**Clyde Hill Elsie Tidy Lad 6th**  
His own dam—Clyde Hill Polly Aurora Rock River (Excellent). His sire—dam—Elsie Zuba Rock River (Excellent). Both daughters of Rock River Hengerveld Al (Excellent) and proven gold medal sire. Lad 6th is siring some very great calves and is one of the greatest Clyde Hill sires available today.

Featuring 3 great herd sires from gold and silver medal sires, from Clyde Hill and Dunloggin breeding.



**Beezley Farm Master Flash**  
Classified Good Plus at 3 years. A grandson of "Woodmaster" and from one of the high-record Good Plus daughters of the Excellent and proven bronze medal sire "Lou Ormsby Lad."



**Leohost Gay King Design**  
A 2-year-old son of the silver medal production sire Right Royal Design. His dam a great proven brood cow with 3 proven daughters. His paternal grandsire the gold medal Dunloggin Design.

The above sires all sell with all their offspring and females carrying their service.

16 daughters of the Silver Medal Production Sire Right Royal Design, with records up to 500 fat 2X.

10 daughters of Crescent Beauty Neta Prince. These are paternal sisters to the 901-lb. 2-year-old Starwood Neta Mary Segis, sold in the Willow Springs Dispersion for \$1,300.00. One classified Very Good.

4 daughters of the Dunloggin X Seven Sire, now in service in Oklahoma. His milking daughters have real udders and are producing.

3 daughters of Dunloggin Fon Leo.  
1 daughter of Clyde Hill Hengerveld Fobes.

10 young daughters of Lad 6th—they are real.  
16 heifers sired by "Flash" and some of them old enough to have been bred to Lad 6th.

A few daughters of "King," they are young but very nice. A few very desirable young herd sires from the above sires and dams.

Every female born on the farm since October, 1942, has been calfhood vaccinated. The herd is Federally accredited for Tb.

A herd classified for type and good production. Long-time records are lacking due to testing association trouble. The cows will make the records on your farms.

Consider the Win-view dispersal to purchase foundation females from the ancestry of Proven Gold and Silver Medal sires of Excellent Type

For catalog: T. Hobart McVay,  
sale director, Nickerson, Kansas

## JOHN ELAM, Owner

Sale headquarters: Hotel Lagonda, Winfield, Kansas.

The sale force: Bert Powell, Topeka; George Apple, McKinney, Texas; Chas. Cole, Wellington

Mike Wilson, Kansas Farmer

## • AUCTIONEERS •

Registered Livestock  
**AUCTIONEER**  
W. H. "Bill" Heldenbrand  
"Busiest Where Best Known"  
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OKLAHOMA CITY



**COL. CARSON E. HANSEN**  
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Purebred Livestock, Farm Sales,  
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**Charles W. Cole**  
Livestock Auctioneer  
WELLINGTON, KANSAS

**Frank C. Mills, Auctioneer**  
Alden, Kansas

**Ross B. Schaulis, Auctioneer**  
Purebred Livestock, Real Estate and Farm  
Sales. Ask those for whom I have sold.  
CLAY CENTER, KANSAS

**October 4**  
**Will Be Our Next Issue**

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

**Saturday, September 27**

## Livestock Advertising Rates

1/4 Column inch (5 lines) . \$3.00 per issue  
1 Column inch . . . . . 8.40 per issue  
The ad costing \$3.00 is the smallest accepted.

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

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

# 50 Reg. Guernsey Cattle At Auction

Fifth Annual Kansas Guernsey Sale, Fair Grounds

## Topeka, Kan., Friday, October 17

Consignments from leading breeders in  
Kansas, Oklahoma, Missouri, Mississippi, Iowa and Nebraska

### 5 Bulls—15 Cows—15 Bred Heifers—15 Open Heifers

In addition, 15 selected open heifers will be offered for 4-H and F.F.A. projects, bidders being limited to bona fide 4-H and F.F.A. members residing in Kansas.

For catalog write to:

**W. G. RANSOM, Jr., Secretary**  
**Kansas Guernsey Breeders' Association, Homewood, Kansas**  
Auctioneer: Bert Powell Mike Wilson with Kansas Farmer

# MILLER'S ANNUAL FALL DUROC SALE Is FRIDAY, OCTOBER 10

At farm on gravel road 11 miles south of  
**Alma, Kansas**

Sale held in new sales pavilion.

30 BOARS: Rigidly culled from our 1947 pig crop. 10 GILTS: Carefully selected for this sale. These March and April farrowed boars and gilts have been fed a balanced ration and raised on clean ground. My aim has been to sell the kind of Duroc that will give a good account of themselves in either Breeder or Farmer Herds.

This offering has plenty of new blood for our old customers as they are sired by SUPER SENSATION, KNOCKOUT, LO-DOWN FANCY and FANCY THICKSET. For more profitable pork production in 1948 try a boar from our herd. I would be pleased to send you a sale catalog.

**CLARENCE MILLER, Alma, Kansas**

Auctioneer: Bert Powell, Topeka, Kan.

Mike Wilson with Kansas Farmer



# THE HIGHLINE

## Brings New Conveniences to Kansas Farm Homes



**T**ODAY your farm home can be as modern and comfortable as any city home. Electric service means you can have ALL the work-saving conveniences.

You can have clean cool electric cooking at the flip of a switch. There's refrigeration for food protection in hottest summer weather.

An electric water system provides running water for your kitchen and bathroom as well as your farm buildings.

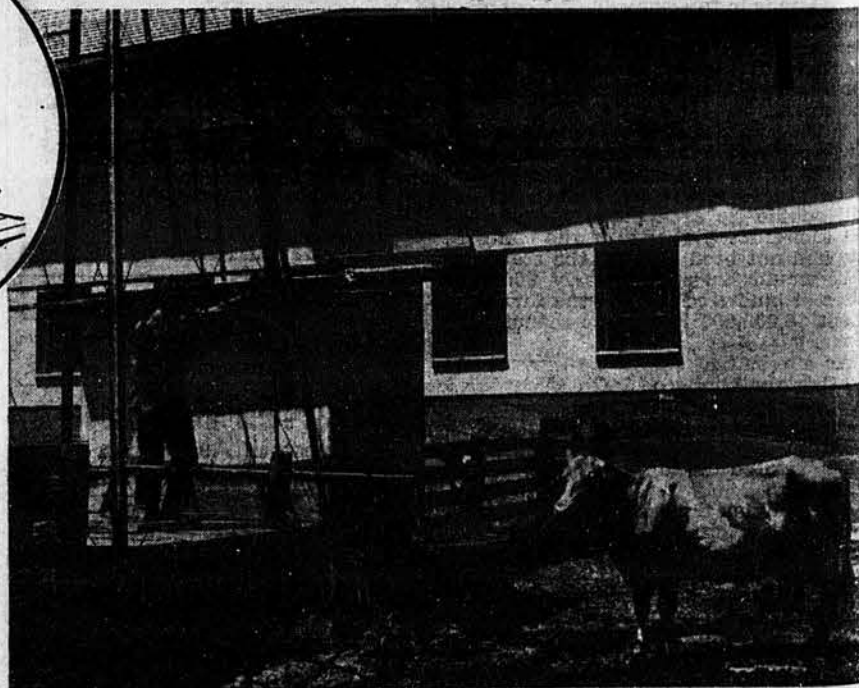
### An Electric Water System Means Convenience— Saves Time and Work

Reddy Kilowatt, your dependable electric servant, has lifted the burden of household drudgery from the shoulders of farm women.

The hundreds of miles of additional highlines now being planned by the electric companies listed below, will bring the blessings of electric service to an ever-increasing number of farm customers.

Reddy Kilowatt keeps your stock tank filled single-handed, providing you with substantial savings in work and time.

With dependable electric power, he pumps all of the water you need quickly, economically and safely.



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.

*All-Electric Service is worth waiting for!*