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KANSAS FARMER

MARCH 6, 1948

CONTINUING MAIL & BREEZE

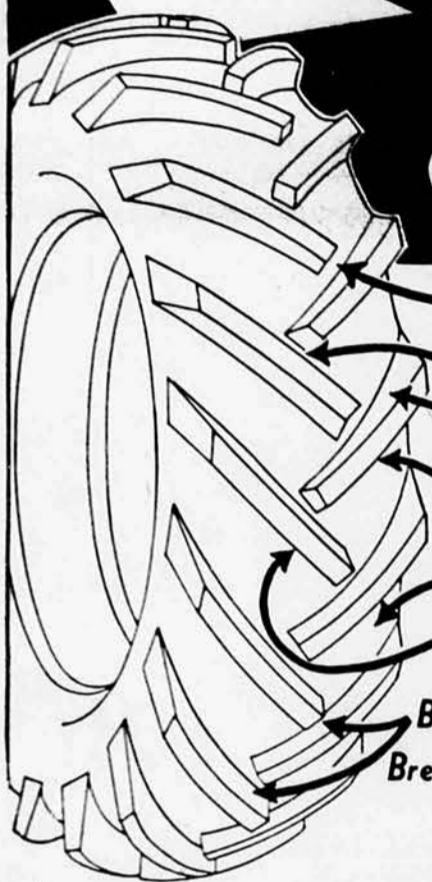


First Hatch of the Season . . . See Page 12

Here is What it Would Take
to Make This Tire Pull...Like the—

Firestone

CHAMPION Ground Grip



- Plug Up Broken Center Traction Leaks
- Connect Bars and Eliminate Trash Catchers
- Make Bars Higher for Deeper Bite
- Make Bars Longer for Bigger Bite
- Open Mud Pockets at Shoulder for Better Cleaning
- Curve Bars for Wedge-Like Center Bite Pulling Force
- Brace Bars for Strength, Eliminate Loose End Body-Breaking Action, Reduce Excessive Wear

BECAUSE OF FIRESTONE PATENTS FEW, IF ANY, OF THE ABOVE ADVANTAGES COULD BE INCORPORATED IN THE OPEN CENTER TIRE ABOVE. FOR THAT REASON THE FIRESTONE CENTER BITE, TRIPLE-BRACED TREAD CAN ONLY BE IMITATED, IT CANNOT BE DUPLICATED.

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- AS MUCH AS 91% LONGER LIFE

And because the Ground Grip tread is Triple-Braced, the traction bars can be made higher, stronger... to take a deeper, more powerful bite—a "center bite."

When you order a new tractor or replacement tires for your present tractor specify Firestone Champion Ground Grips.

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The Only Tire that Takes
A "CENTER BITE"

Try CHAMPION GROUND GRIPS
LET THE TEST TELL THE TRUTH

Lamentable

Dear Editor: I want to take the opportunity to commend you for publishing the splendid and, I hope, the speech of Dr. George S. Benson. It is to be lamented that so many of our college professors have common leanings. . . .—Louis Pantler, Stratton, Colo.

Good for Students

Dear Editor: Regarding the article in Kansas Farmer, February 7, written by Doctor Benson, will say I think it should do more good than anything I have ever read.

I wish every high school in the U.S. might compel the pupils to read and pass an examination on this article as part of their requirements for graduation. —W. L. Reed, Ellsworth Co.

All Should Read It

Dear Editor: I've read the most timely article, "America in the Valley of Decision," by Dr. George S. Benson, in the February 7, 1948, issue. I hope definitely every member of the Farm Bureau (men, women and children) read it, and wish as a whole the American would. Certainly the American farmer is not only the backbone but the tide of the nation. —Mrs. George York, Geary Co.

Understandable

Dear Editor: Read with considerable interest Doctor Benson's speech "America in the Valley of Decision" published in your February 7 issue of Kansas Farmer.

This is the kind of speeches that should be on every radio in our country, in every magazine and every newspaper. It is understandable by people of all ages and well done. It is the kind of speech that will make sense to the so-called working classes. Are the reprints available and at what cost? A. V. Turner, Long Beach, Calif.

Are Adults Asleep?

Dear Editor: Just finished reading Dr. George S. Benson's speech "America in the Valley of Decision." My husband and I think it's the best speech with the most truth of any we have heard or read. We are glad there are a few editors who still will stand out for the right.

Can't we get this truth over to the youth of today? We have to. But that the main trouble? Aren't the adults asleep, and aren't we too awakened to the great peril we're leading our children into by our ignorance or indifference?

The communists are running all labor in our country. I wouldn't venture to say how much of our government. According to this speech, which I believe sincerely, they are running the biggest majority of schools. We need men and women in every community who are awake to do their bit. What we need most is a lot more like Dr. George S. Benson, who can speak with authority, to keep on the job before it is too late to turn back. Mrs. O. T. Elliott, Coffey Co.

Senator Capper on Radio

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

KANSAS FARMER

Continuing Mail & Breeze
Topeka, Kansas
Vol. 85, No. 5

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Member: Audit Bureau of Circulations, Agricultural Publishers Association, National Publishers Association.

Published the first and third Saturdays of each month at Eighth and Jackson streets, Topeka, Kan., U. S. A. Entered as second-class matter at the post office, Topeka, Kan., March 3, 1903, under Act of Congress of March 3, 1879.

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And to the Fact

Dear Editor: I read the article in the Kansas Farmer entitled "America in the Valley of Decision." You asked the readers to let you know what they thought. I am glad this was published in the paper, and I hope many will profit by the article. It is too bad we have so many in this country who do not want free democracy form of government. Maybe we should send a few to Russia. There are too many people blind to the fact that this country is on the winning point unless there is a sudden change.—Clifford Delk, Marion Co.

Need More Doctor Bensons

Dear Editor: I read the article by Doctor Benson, and feel it is the best I have read on the trend of things happening in this country for the past 15 years.

I wish everyone could read it and act by it. But personally I feel the younger generation has been taught and practiced the New Deal philosophy for many years I don't believe they will turn back.

If we had more men and women teachers in our schools like Doctor Benson, they would probably do more good than anything we older parents can say or do.—Frank D. Walters, Douglas Co.

One of the Finest Articles

Dear Editor: I have read with great interest the article in your February issue of the Kansas Farmer entitled, "America in the Valley of Decision." It is one of the finest articles I have ever read, and I wish it were possible to carry this message to every farm in America, and particularly to the campuses thruout the country.

I only wish I had the ability to put words my philosophy as Doctor Benson has done. I concur with his opinion 100 per cent. I think this story should have further publicity in some manner. S. B. Glover, District Supervisor, S. C., Manhattan.

We Feel Powerless

Dear Editor: I would like to offer my opinion of the speech by Dr. George S. Benson, in Kansas Farmer of February 7. I agree with all his statements. We have been aware of these trends in Government but we feel powerless to do anything about it. In fact, this is the reason we don't sign up on the Soil Conservation Program. We feel crop-control program is what it is.

Now don't get me wrong. I believe in soil conservation as much as anyone. We have more than the average amount of alfalfa and sweet clover. Besides, we already have nearly all the land on this farm of 280 acres fenced, but we feel we would rather have the \$250 or \$300 we could get as conservation payments, rather than lose that much freedom. We think we are doing a good thing in articles like this one by Doctor Benson. It is very good.—John E. Applegarth, Washington Co.

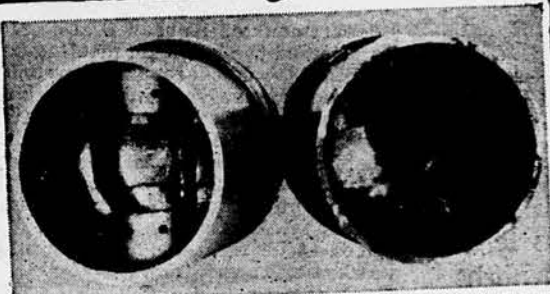
Points Out the Danger

Dear Editor: I have just read the article, "America in the Valley of Decision," by Dr. George S. Benson, and I am glad to accept your invitation to comment upon it.

I am in full accord with everything Doctor Benson says. He clearly points out the danger that threatens us, and at least partially indicates the steps that should be taken to avert it. For the period, beginning well before the war, there has been a deplorable trend in America away from our formerly self-dependent way of life. We are drifting into an untenable system depending upon the Government for everything of every description, even for the food we eat and clothes we wear. The assumption seems always to be that someone, other than ourselves, will or should pay for it all. We farmers are as lazy or thoughtless as the rest.

But this, as Doctor Benson points out, is not the place here in America where the conditions are the most favorable of any place on earth, and where the Government owes 250 billion dollars and is being pressed to plunge us deeply into debt and relieve most of us from the payment of taxes. I hope we may come to our senses before it is too late, but there is real danger we will have to learn the hard way.—W. W. Miller, Washington Co.

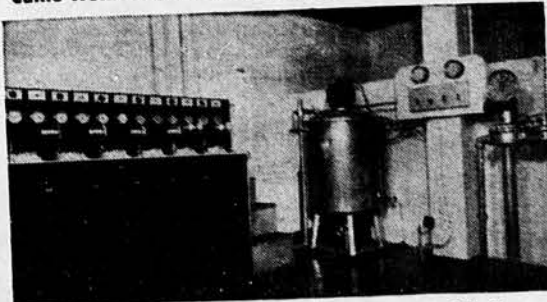
"If It's NOURSE Lubrication... It's FARM Lubrication"



These two pistons were submitted to identical tests—five thousand actual miles in the same motor. Piston on the left tested with Nourse Friction Proof Motor Oil—no gum or carbon. Piston on the right tested with ordinary oil—badly carbonized.



Actual photographs of the outside of the pistons used in the tests. Pistons on the left came from the motor using ordinary oil. Piston on the right came from a motor using Nourse Friction Proof Oil.



The Cornell Homogenizer in the Nourse Oil Company's blending laboratory is the secret of the marvelous lubricating quality of Nourse Friction Proof Motor Oils. All ingredients are so completely blended in the Homogenizer that breakdown or separation is eliminated. Nourse Motor Oils stay on the job—cleaning, cooling, sealing and lubricating.



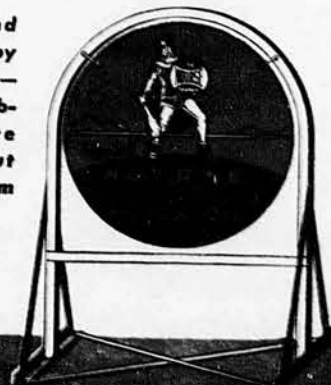
For 40 years the Nourse Oil Company has produced Specialized Farm Lubricants. Every product sold by Nourse has been tested under the toughest farming conditions. Thousands of midwest farmers are depending on Nourse Oils and Greases to keep their tractors, trucks, cars and other farm machinery operating regardless of weather or how tough the job.

Nourse Friction Proof The Homogenized Motor Oil

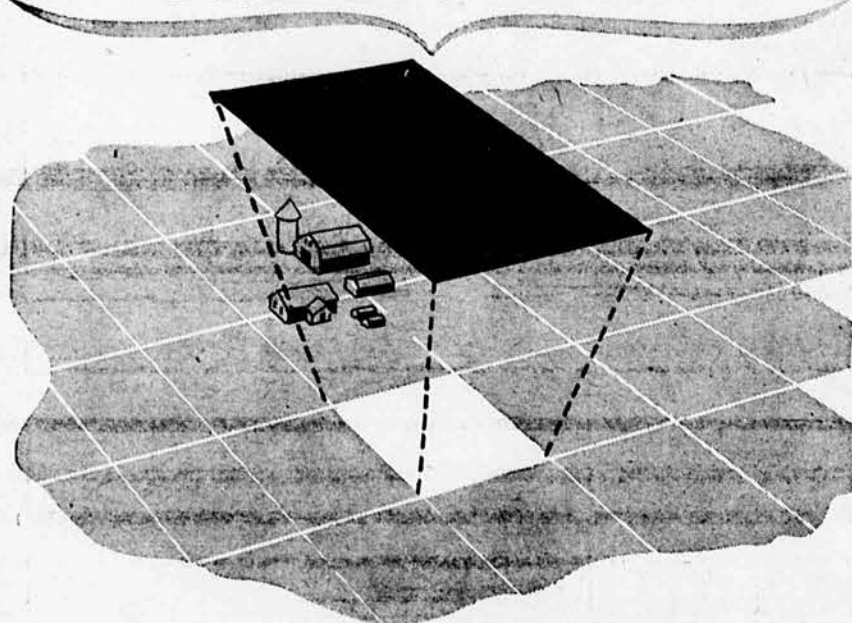
Homogenized for greater stability. It gives safe, sure, dependable lubrication. The high quality bright stock, neutral oils and adents that make Nourse Friction Proof a Premium Motor Oil are blended under terrific pressure in the Homogenizer. The result is a real farm oil—an oil that is stable, resists corrosion, oxidation, ring sticking and the building up of carbon and varnish-like compounds in the motor. It cleans dirty motors and keeps clean motors clean.

See your Nourse dealer today. Ask him about the savings in repair bills—the longer hours of operation between overhauls, that Nourse Friction Proof users enjoy. Change to Nourse Lubrication for your Farm Lubrication needs.

Nourse Oils and Greases are sold by Implement Dealers—Independent Oil Jobbers and Hardware Dealers throughout the Midwest Farm area.



Only 1 Acre in 38 "BREAKS EVEN"



Yes, these are the facts: Soil Conservation experts find that only 1 farmer in 1,000 puts back into his soil annually as much plant food—including nitrogen—as he takes out of it in crops and pasturage. Only one acre in 38 is "breaking even."

If your land is receiving through fertilizer less plant food than you take out of it, you'll begin to see the effect in lower yield and poorer quality crops. Nitrogen, the important growth-producer, is one of the first plant foods to go. Here are three ways to detect a nitrogen deficiency:

- Corn turns yellow and fires in midsummer.
- Grains are pale, tillering is poor and they mature late.
- Grasses are thin and withered.

Your farm adviser will tell you that it costs less to keep the supply of plant food in your soil high—much less than it costs to rebuild exhausted soil. Don't wait until your soil is on the losing side. Find out now what plant foods your soil needs to help it "break even."

Right now, more farmers want Spencer Hi-Nitrogen Agricultural Products than we can supply, and appreciable amounts must be sent abroad to war-devastated countries. In time we'll be able to meet all your requirements. Until then, remember the name—Spencer Hi-Nitrogen—and ask your dealer to tell you when he has some.

SPENCER

This coupon will bring you additional information about Agricultural Nitrogen

SPENCER CHEMICAL COMPANY

Fertilizer Division

General Offices — Dwight Bldg. — Kansas City 6, Mo.

Gentlemen: Please send me my free copy of your booklet "Here Are the Answers to Some of Your Questions About Nitrogen."

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Address _____

City _____

State _____

SPENCER CHEMICAL COMPANY

Executive and Sales Offices: Dwight Bldg., Kansas City 6, Mo.
Works: Pittsburg, Kansas

HI-NITROGEN AGRICULTURAL PRODUCTS

Flying Farmers Boost Marking

KANSAS FLYING FARMERS outnumbered every other group represented at the Air Marking Conference in Manhattan, February 18. They were on hand to pledge their full support to the project, to assist in any way in air marking every town along Skyway 11. (A story about Skyway 11 appeared in the February 7, 1948, issue of Kansas Farmer.)

The meeting, sponsored by the Division of Aeronautics, Kansas Industrial Development Commission, pointed out to officials of 22 Kansas communities the great need for identifying their town to fliers. Charles Howes, who represented Kansas Farmer and the Flying Farmers, told of the preponderance of flying interest among farmers in this state, and foretold of the value of advertising now for the "air age" that is sure to come. George Galloway, president of the Kansas Flying Farmers, spoke of the work being done by the organization and offered its support in marking Skyway 11 thru Kansas as well as promoting other air markers over the state.

Is Second Skyway

The Skyway 11 project is a well-marked route for personal planes, extending north and south across the center of Kansas. The portion in Kansas is an integral part of a Canada-to-Mexico skyway, the second such skyway to be established in the United States. The other is Skyway 1, an east-west route from Washington, D. C., to Los Angeles.

This Route 11 will be 40 miles wide. It is hoped to have some spot in every town marked plainly with uniform identification. R. C. Herner, chief of the Airways Engineering Division of the Civil Aeronautics Authority, set down the rules of uniformity for the markers and told of the availability of paint for communities unable to finance the project.

Dr. Howard Hill, head of the speech department of Kansas State College, addressed the luncheon meeting of the conference delegates and city officials of Manhattan. He pointed out that altho he knew little about flying it was apparent that the threat of the atomic bomb to heavily industrialized areas should be enough to make us think of our small communities as havens for industry. As such, he added, they will need to be right up to the minute in attention to aviation.

These Towns on Route

The 22 towns situated along the Skyway which were represented at the meeting are: Wichita, Marion, Seneca, Augusta, Valley Center, Abilene, Frankfort, Blue Rapids, Marysville, Herington, Hutchinson, White City, Newton, Bern, Wakefield, Windom, McPherson, Enterprise, Wamego, Junction City, Hillsboro, and Manhattan.

Flying Farmers who attended the meeting were: George Burkholder, Abilene; Harold Harrison, Valley Center; George Galloway, Wakefield; J. A. Chance, Wichita; Clee Ralston, Augusta; Victor Kandt, Herington; William H. Janssen, McPherson; Ailiff Neel, Windom; H. W. Mosier, Herington; Bud Elkins, Wakefield; W. H. Hilt, Bern; Mr. and Mrs. George Baxter, Marion; Jay Britton, White City; Charles Howes, Topeka; Norman Clothier, Florence.



"It's an idea I picked up in America. A hollow chopstick!"



Grand championship for Shropshire Ewe at both Kansas state fair in '47 was won by H. E. Heiser, Ramona, Kansas. Raising winning pure-bred Shropshire sheep is hobby with this champion farmer. Among his winnings in '47 was prize for best seven head of sheep bred, owned and shown by a Kansas resident. Winnings in '46 also.

"I read that outstanding athlete eat Wheaties," says Mr. Heiser. "Why shouldn't I try them, too? He did. Now eats Wheaties almost every morning. 'Lots of flavor,' says. Good nourishment, too. Flakes of 100% whole wheat. With vitamins, minerals, proteins, food energy. Try this famous training dish tomorrow. Have milk, fruit and Wheaties. 'Breakfast of Champions'!"

General Mills



IT'S BIG! Extra-Big-Pak Wheaties holds 50% more than regular size. Designed for farm-size appetites—for all who enjoy that Wheaties second-helping flavor. Had your Wheaties today? "Breakfast of Champions"!



"I stopped soil erosion on my farm with this amazing Farmhand Prairie Mulcher!"

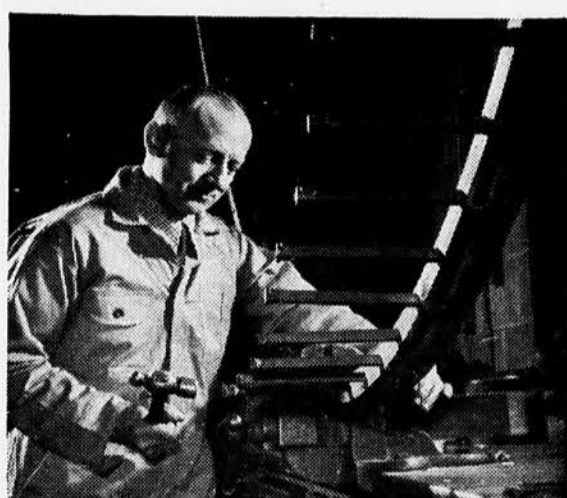
READ HOW Carl Shultz invented the only machine that checks wind and water erosion . . . prevents plow plugging . . . eliminates straw burning . . . stops weed growth . . . conserves moisture . . . builds fertility.



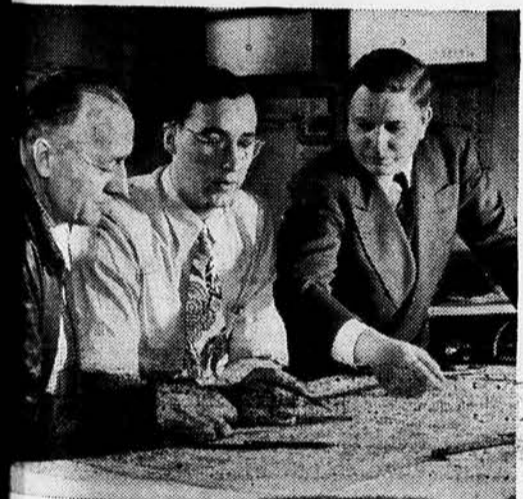
I WATCHED MY SOIL BLOW AWAY and wash away on my Upham, North Dakota farm . . . and like prairie farmers west of the Mississippi I wished someone would invent a machine to stop erosion and hold the soil in place. Then I had an IDEA. Such a machine might solve these problems, too . . .



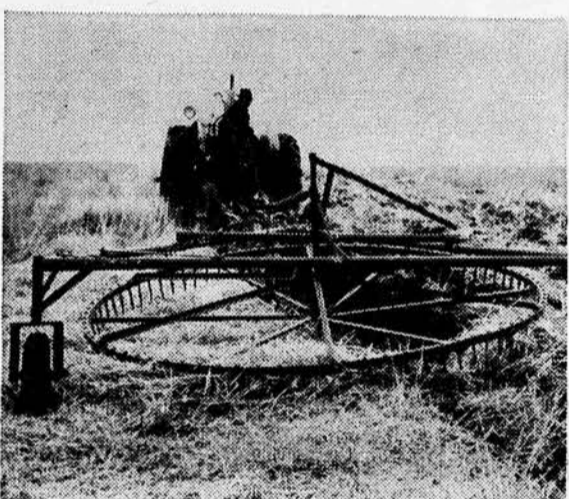
I WATCHED PLOWS PLUGGED TIGHT with straw and stubble as prairie farmers like me readied their fields for planting. And I watched farmers burn off that rich straw which might have helped save their soil. So I looked for a way to use that straw as a mulch to hold that valuable soil, nourish it and keep it from blowing.



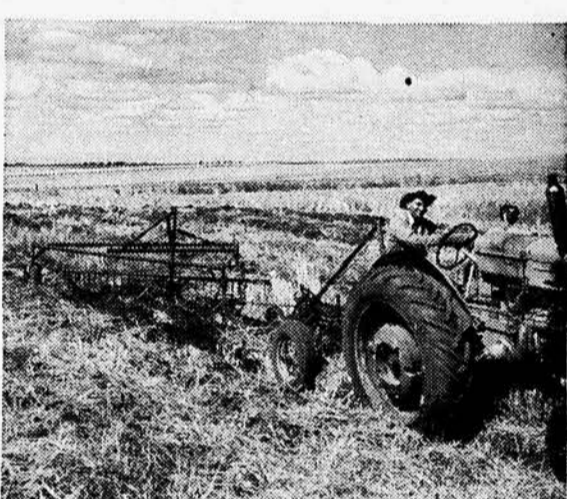
AND I INVENTED THIS MACHINE . . . a big, rotary rake that would follow a 2-3 or 4-5 bottom plow, or a one-way plow, and would spread straw and other vegetation evenly from the unplowed land over onto the freshly plowed soil to mulch and hold the soil in place. IT WORKED! I knew I really had something!



I TOOK MY INVENTION to the FARMHAND at the Superior Separator Co. in Hopkins, Minn. . . a well-known plant where farm machinery specialists work with farm inventors to perfect their machines and make them practical for mass production help other farmers with similar problems.



HERE'S MY FARMHAND PRAIRIE MULCHER IN ACTION . . . improved and engineered for 100% performance . . . on the job helping other prairie farmers like me! See how it rakes over 70% of that straw onto the plowed land? See how the soil stays put . . . is protected so it doesn't blow or wash away?



WATCH IT WORK! My FARMHAND PRAIRIE MULCHER helps you prepare a perfect seed bed with no air pockets . . . enables you to bury weed seed deeply. Use it any time . . . for fall plowing, spring plowing, summer fallowing. Many farmers report a 3 to 5 bushel gain per acre through use of the PRAIRIE MULCHER.

Made and guaranteed by the makers of famous Farmhand Hydraulic Loaders



... the famous loader that's acclaimed by farmers the finest, most versatile lifting-loading-moving machine on the farm. FARMHAND Loaders lift 3,000 lbs. quickly, gently, smoothly . . . load and unload with no strain on tractor, thanks to "wrist action" performance . . . hoist huge loads up to 21 feet . . . the highest lift of any loader made! See the FARMHAND Prairie Mulcher and Hydraulic Loaders at your FARMHAND dealer's.

See it at your Farmhand dealer's...
Farmhand
PRAIRIE MULCHER
SAVES YOUR SOIL



Farmhand
designed by a farmer, built for farmers by



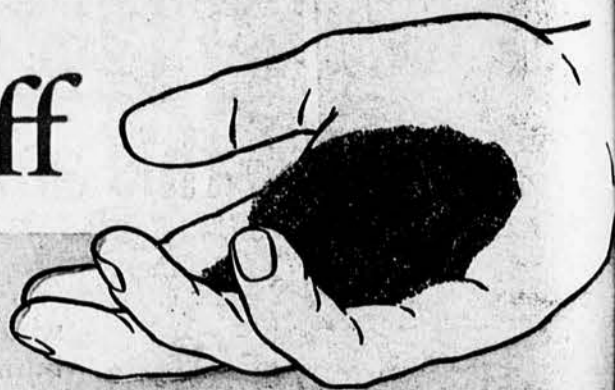
PRAIRIE MULCHER

SUPERIOR SEPARATOR COMPANY, HOPKINS, MINNESOTA • Farm Machinery Specialists

Here's Your Pay-Off

...with a Case "A" Combine

● Extra pounds of seed or grain, acre after acre . . . all count up to dollars in your pocket. It's all clean profit, too—thanks to clean cutting, clean threshing, clean separation and Case Air-Lift cleaning. A little here, a little there, all the way from cylinder to sieve—and it adds up to a real bonus when you use a Case combine.



**CLEAN WORK
ALL THE WAY . . .**



Lespedezas or Lupines to Light Grasses

● When you talk to men with a lot of combine experience, you'll hear them speak of the Case "A" with high respect. Where threshing is tough, they tell you the "A" has a cylinder that gets grain out of the heads, seeds out of the hulls. Where the task is tricky, like mixed crops, they praise the "A" for its uncanny ability to deal with seeds at wide extremes of size, shape and weight.

Where straw is rank, sometimes soggy and sometimes bushy, they know how the self-cleaning steel-finger grates and full-length straw rack speed up separation. They like the way Case Air-Lift cleaning keeps sieves clear, lets seeds fall free. After years of use, they marvel at Case ENDURANCE and its economy in upkeep. Many owners call it the "most capable combine ever built." For this great value in a 6-foot combine, see your Case dealer now.

New Low-Cost 5-Foot Combine

Look at the latest full 5-foot combine. This new Case "F-2" is just right for power take-off operation with any 2-plow tractor. It's low, for stability on slopes. Its swinging hitch enables you to drive right through a ten-foot gate. Its one-lever concave adjustment provides for quick change in crop or conditions. See for yourself how well it is built, how simple to operate, how much combine it gives for your money. Send today for full description of the "A," the "F-2" or larger Case combines. Mention any implements, any hay or corn machines, any size of tractor you need. J. I. Case Co., Dept. C-47, Racine, Wis.



SIGN OF MODERN MACHINERY
AND MODERN SERVICE

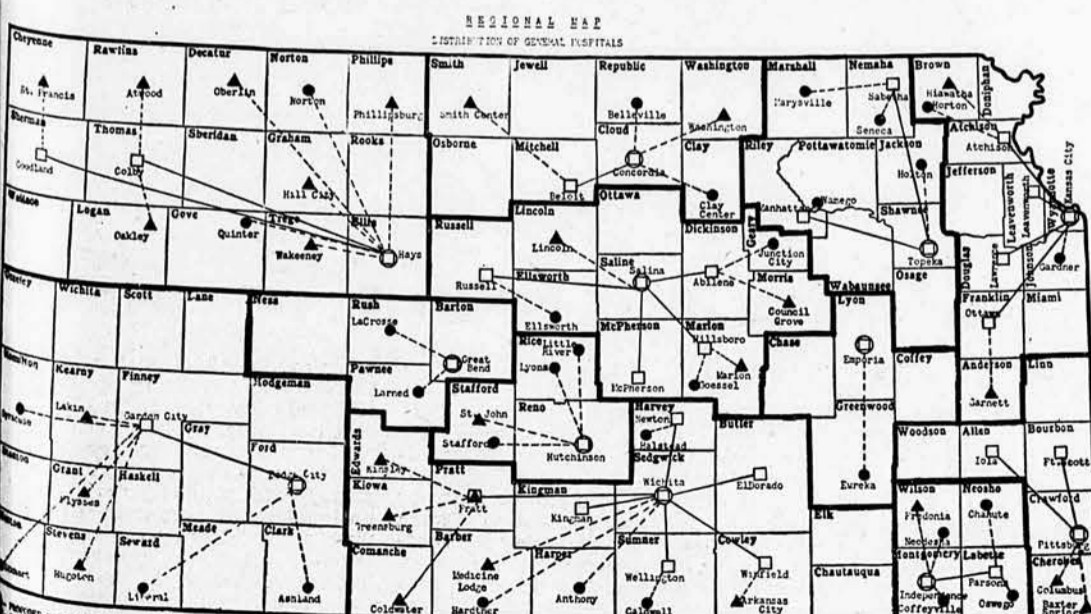


Farm people, especially 4-H youths like these, have taken full advantage of the mobile X-ray units for tuberculosis control.

Charles S. Billings, left, Hospital Administrator, and R. M. Heilman, M. D., director of the new Division of Hospital Facilities, study plans for local community hospital and clinic.



Members of Kansas Advisory Hospital Council, left to right: First row—Ray Pierson, Burlington; Merton Earl, Topeka; John L. Grove, M. D., Newton, chairman; Zelma Smith, R. N., Russell; Mont Green, Manhattan; Sister Mary Anne, R. N., Pittsburg. Second row—Charles S. Billings, Division of Hospital Facilities; R. M. Heilman, M. D., director; Irma Law, R. N., Emporia; Charles B. Newell, Kansas City; James D. Bowen, M. D., Topeka; and F. C. Beelman, M. D., ex-officio secretary. The not members of the council, Doctor Heilman and Mr. Billings co-operate with members in administration of Federal Hospital Construction Program.



This map shows how the new co-ordinated hospital program will work in Kansas. The map will be subject to change as additional communities obtain facilities.

KANSAS STATE BOARD OF HEALTH
DIVISION OF HOSPITAL FACILITIES
December 1, 1947

- ★ Shortage of Hospitals
- ★ Lack of Health Units
- ★ Too Few Trained Nurses
- ★ Not Enough Doctors

But Here Is Hope

By Dick Mann

ONE of the most dramatic stories ever written in Kansas is contained in a little black notebook now lying in the offices of The Kansas State Board of Health, at Topeka. The story is dramatic because it is true, and because it expresses the hopes and fears of every person now living in Kansas.

What is this little black notebook whose contents mean so much to every one of you? We'll tell you. It is the report on a public hearing held in Topeka last October 27. At that hearing, representatives from nearly every county in Kansas poured out stories of the problems their communities are experiencing in trying to get adequate hospital service.

Results of this hearing and of a state-wide survey made by the Kansas State Board of Health, indicate that the hospital situation in Kansas is deplorable.

Here are some of the facts disclosed:
Kansas now has 5,177 existing and acceptable general hospital beds, but needs 3,089 more to meet minimum needs.

There are 4,786 hospital beds for mental patients, but the need is for 4,179 more.

Only 458 hospital beds for tuberculosis patients are available, but 552 more are needed.

At present there is no provision for hospitalizing chronic or degenerative disease cases, altho the need is for 3,586 beds. Such patients (most of them old persons) now are being placed in mental institutions and in some 300 licensed rest homes over the state. A total of 32 public health units is needed to give the state full coverage. Only 16 such health units are now operating.

One thousand or more additional nurses would be needed if the state had sufficient hospital beds to provide minimum needs.

No one knows just how short the state is on doctors, but there is a shortage and the average age of all doctors within the state is 52 years. Younger doctors are refusing to come to or stay in Kansas communities, especially in communities under 1,000, because there are no hospital facilities.

Many counties in Kansas have no hospital facilities at all. In some of the Western Kansas counties, especially, it is 50 to 70 miles or more to the nearest hospital. Many times these distant hospitals cannot be reached in time, or at all, because of storms that block the highways. The February blizzard in Western Kansas this year is a good example of how isolated people may be from the standpoint of hospital protection.

This is the briefest possible summary of the state-wide situation. There scarcely is a county in Kansas with enough hospital facilities to care for its needs and, according to State Board of Health officials, there is not a hospital in Western Kansas offering general diagnostic services most needed, such as community medical and hospital clinics.

While the picture is extremely dark there now is a silver lining appearing. Under a Federal act called the Hospital Survey and Construction Act, Kansas has been allotted Federal funds amounting to \$4,667,250 to be distributed over the next 5 years. Under this act the Federal Government will pay one third of the total construction of any hospital for which Federal funds are used.

This does not mean that every proposed hospital will receive Federal Aid. Dr. R. M. Heilman, director of the Division of Hospital Facilities for the Kansas State Board of Health, has this to say:

"The Federal money allocated for Kansas must be divided to cover 5 divisions of our health needs—public health centers, chronic disease hospitals, mental hospitals, tuberculosis hospitals, and general hospitals. Already, we have 62 applications for Federal aid for general [Continued on Page 34]

Farm Matters

AS I SEE THEM

LAST week Czechoslovakia got the headlines.

This week it was Finland. Next month it may very likely be Italy.

And almost any time, Korea may be the center of world communist activity. And then—China.

While Stalin was Hitler's ally, at the beginning of World War II, Soviet Russia took over Estonia, Latvia and Lithuania, half of Poland and part of Finland. Later, when and since Soviet Russia was our noble ally, Stalin has grabbed off the rest of Poland, and set up puppet states in Hungary, Romania, Bulgaria, Yugoslavia, Albania and now Czechoslovakia and Finland.

It is against this world background that the Senate this week began consideration of the European Recovery Program, perhaps better known as the Marshall plan, for aiding the 16 Western European nations which we hope to keep out of the Soviet orbit, if at all possible. Included in these 16 nations are Austria and Italy. Just a look at the map would indicate that Austria is in sorry plight—Czechoslovakia to the north, Hungary on the east, Yugoslavia to the south, and the Russian zone of Germany on the west. A tough assignment.

I do not know just how long it will take the Senate to pass the Marshall Plan bill, but my guess would be in the next few days. House action, due to the world situation I have tried to portray, may come more speedily and more favorably than it looked like earlier in the session.

I look for the emphasis, in the arguments made for the bill in Congress, to be placed on the hope that the aid extended Western Europe will encourage these nations to hold out against Soviet penetration, rather than on relief for Europe. Like the Greek-Turk aid bill passed last spring, that has been the real objective of the program from the start. Developments the last 2 weeks in Czechoslovakia and Finland have made it plain for all the world to see.

The Marshall plan will have considerable effect on American agriculture, entirely apart from its operations in the field of world politics. Also, on American business and industry.

Boiled down, the Marshall plan amounts to this: The United States Government, thru a new agency to be known as economic co-operation administration, headed by an administrator who will outrank cabinet members, will buy goods of all kinds needed by countries the United States decides to aid. Most of the things purchased will be bought in the United States; a small percentage from other nations; generally from Latin-American countries which feel they ought to get in on the deal.

The goods, not money, will be supplied the receiving governments. Theoretically, about half will be gifts, free gratis for nothing, the other half on a sort of charge account. However, only the most optimistic have any idea that the accounts ever will be collected.

Ultimately, Uncle Sam probably will buy some 20 billion dollars' worth of goods for export, over a period of 5 or 6 years. It is figured that if the program succeeds to the extent of getting these nations on their feet, that during the same period they will export into the United States some 30 billion dollars of (to us) imports. That amount of imports will mean 30 billion dollars more of exports of farm commodities and industrial products of all kinds in exchange for the imports.

Mathematically, that means 50 billion dollars of export trade in the next 5 or 6 years. It also will

mean shortages at home in many lines, particularly farm machinery and things requiring steel in their fabrication. It should mean continued high employment. It also will mean continued high prices, and it also will mean continued high taxes. The goods saved to be paid for after the program ends—if it does come to an end—there may be another story.

The program means Government buying on a big scale. It will call for Government control of exports, to insure orderly handling. The Government agency not only will decide what firms will sell to the Government for export, but also what firms may be in the export business for themselves, and what they may export.

Governments of foreign countries also probably will be in the business of exporting to the United States. Our own government may very likely handle buying of imports to a great extent. The Marshall plan means big business—and it will be Government big business. It may change entirely the business pattern for American industry and American agriculture. For the immediate future it means good markets for many farm commodities, and more especially for heavy industrial products.

Stop Liquor Ads!

I WOULD like to quote here an opinion handed down by a state supreme court in a liquor case: "We do not suppose there is a more potent factor in keeping up the necessity for (insane) asylums, penitentiaries and jails, and in producing pauperism and immorality thruout the entire country, than liquor."

That isn't an isolated opinion, by any means. Here is another one: "It (a prohibitory law) seeks to promote the general welfare by prohibiting an excessive vice, which is doing more to disqualify men for self-government, than all other sources combined. The use of intoxicating liquor as a drink is the cause of more want, pauperism, suffering, crime, and public expense than any other cause, and perhaps it should be said, than all other causes combined."

I am sure no father or mother in Kansas, who reads these two opinions, would straightway recommend the booze route to their sons and daughters as the road to health, happiness, clear thinking and useful citizenship. Yet our Kansas youth—and adults, of course—are subjected to a barrage of colorful advertising that has the definite purpose of increasing the use of liquor.

In an effort to meet this menace, I have a bill in the Senate that would prohibit the transportation in interstate commerce of advertisements of alcoholic beverages.

My bill makes it unlawful for makers or sellers of alcoholic beverages to cause to be transported in the mail or otherwise, from state to state, newspapers, periodicals, newsreels, photographic film or phonograph records, which advertise alcoholic beverages or solicit an order for them. It carries the same prohibitions against publishers, common carriers, and broadcasting stations.

It seems apparent that states cannot regulate this particular kind of advertising very effectively.

Therefore, I believe Congressional action is needed if anything is to be done about it. This legislation I propose will help dry states enforce their laws. It will remove a temptation from young folks in those states.

There is evidence that drinking and drunkenness have been increasing at an alarming rate. How much liquor advertising has contributed to this increase would be difficult to determine. But I cannot believe it was just an accident that liquor advertising and liquor drinking both increased during the last few years.

One report I have shows that people in this country spent \$7,100,000,000 for alcoholic beverages in 1944. In 1946, they spent \$8,700,000,000 for whisky, beer and wine. This total comes from the U. S. Department of Commerce. The liquor industry has been spending between \$100,000,000 and \$150,000,000 a year in advertising whisky, beer and wines. I think this advertising has been an important factor in increasing liquor sales and liquor drinking. I am sure it has been a serious obstacle to enforcement of the prohibitory laws in dry states, because the advertisements can be sent into Kansas and other dry states even tho it is illegal to ship in liquor.

I always have been opposed to liquor, as you well know. I always will be. Kansas is a dry state and I am very proud of that fact. I want to do everything I can to help the boys and girls in Kansas focus their minds on worthwhile things in life. I want them to grow up with clear minds; clean, strong bodies; ambitious to succeed personally, and eager to make their communities better places to live. I say liquor advertising doesn't fit into this kind of picture.

Can anyone prove that liquor hasn't contributed to juvenile delinquency, deterioration of morals and manners, crime, dependency, economic waste and inefficiency? I cannot emphasize, nor can parents stress, too strongly the importance of holding our standards high. I am reminded of what Theodore Roosevelt once said: "We, all of us, tend to rise or fall together. If any of us go down, the whole nation sags a little; if any of us raise ourselves a little, then by just so much, the whole nation is raised."

The price paid in this country isn't counted only in that \$8,700,000,000 liquor bill. Human misery, degradation, suffering, loss of life are not measured in dollars. You and I read it in the papers: Here is a case of a mother, who left 5 children, being sentenced for 3 months "for her own good." The court psychiatrist declared the woman a chronic alcoholic. Another item: "Father slain, daughter held." She admitted having a few drinks. Another one: "Berserk boy shoots two." The boy was alleged to have run amok after being accused of being drunk. Still another: "My husband is a hard drinker," said the homeless woman. She and her 5 children had no place to live. These cases account for the whole family—mother, daughter, son, father. That is part of the cost.

We are told that alcoholism is a disease. Of course, then, it should be treated as a disease. One good authority adds that smallpox, diphtheria, scarlet fever and measles are treated as diseases but "no one makes money selling the germs."

Arthur Capper
Washington, D. C.

No Emergency in Farm Prices or Income

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Spade work for the much-talked-about "long-range" National Farm Program is about all that is expected at the present session of Congress. Both Senate and House Committees on Agriculture now expect to report out such bills before the end of the session. Conceivably the Senate might—just might—vote on the Senate proposal, but odds are it will not. It is extremely doubtful whether either Senator Capper, chairman of the Senate committee, or Representative Clifford Hope, chairman of the House committee, will press for final action on any omnibus farm bill.

Three main reasons they will not press for final action by this Congress are:

1. No clear-cut picture of the postwar world, especially of the place American agriculture will have in that picture, is in sight for some time to come. Some even anticipate World War III before there will be either political or economic stabilization the world over. And for some time to come the situation of American agriculture as a whole de-

pends very largely upon world conditions.

2. There is not likely to be room or time for any real consideration of such a long-range program during the present session of Congress. The European Recovery Program; tax-reduction program; appropriation measures; and the so-called "civil rights" legislation demanded by President Truman (Fair Employment Practices Commission; anti-lynching and anti-poll tax bills)

promise a legislative log-jam during the 6 weeks preceding the Republican national convention in late June. There just isn't room.

3. There is not any emergency in farm income, or even farm prices, sufficient to stir a united front among the national farm organizations to insist upon action. Right along with this, and actually of supreme importance from a legislative standpoint, is what we have come to call "public psychology." Through the 'Twenties, and even more so in the depression 'Thirties, public sentiment was decidedly favorable to Government

(Continued on Page 33)

Kansas 4-H Clubs

Have Goal of 35,000 Members in 1948

By Raymond H. Gilkeson

KANSAS 4-H Club members are right on their toes helping observe National 4-H Club week, March 1 to 7. Major group goal for 1948 is to increase membership to a good, round 35,000. With last year's record of 24,776 that seems entirely possible.

Other points being emphasized, especially this week, are: To further acquaint the public with the fine things club work is accomplishing; meeting with adult leaders and advisers to talk over how best to carry on their projects; making an inventory to see they have all needed supplies and equipment; planning new projects; visiting other boys and girls in the community; planning special local public gatherings, exhibits, citizenship ceremonies, and radio programs.

The 24,776 members in Kansas last year belonged to a total of 1,196 clubs in all 105 counties. Many of them have more than one project, so that explains why 50,235 were enrolled in the various projects during 1947.

Folks who follow 4-H Club work know these projects are valuable in teaching good methods of farming and homemaking. There are some cash results, too. Last year Kansas 4-H Club boys and girls turned out products valued at \$4,651,786. It is figured \$2,404,697 of this amount can be counted as profit.

A look into the many projects handled is interesting. Here we give the name of the project, the number enrolled, and the value of products, in that order: Corn 1,630 enrolled, and \$246,586 gross return; sorghum 808, and \$137,494; garden 3,382, and \$96,417; potatoes 1,198, and \$26,949; beef 5,419, and \$1,374,919; swine 4,283, and \$400,428; sheep 1,588, and \$83,247; dairy 1,955, and \$330,417; colt 235, and \$16,144; poultry 3,232, and \$230,183; wheat 1,890, and \$1,199,724; food preparation 8,623, and \$126,859; food preservation 1,808, and \$68,629; clothing 10,133, and \$139,568; home improvement 1,449, and \$43,933; miscellaneous 460, and \$130,289. There also were 2,147 enrolled in leadership.

Records prove that Kansas stands high among the 48 states in the number of 4-H projects carried, the number completed, and the net profit earned. Kansas Farmer has reported hundreds of prizes won by Kansas 4-H Club members at local shows, county fairs, state fairs, the American Royal, and the International Live Stock Show at Chicago.

These 4-H Club members in Kansas and throughout the United States are boys and girls between the ages of 10 and 21. They have agreed to "learn by doing" some phase of farming, homemaking, or community activity. They work under county agents, home demonstration agents and club agents, and local leaders trained by them.

Farm boys and girls in this club work have the help of some 186,000 farm men and women and older farm youth who serve as voluntary local 4-H leaders. Many of them are among the 14,000,000 former 4-H Club members.



Clafin 4-H Club members, in Barton county, are going after houseflies with DDT as part of their health program. Last year 3,000 war-surplus sprayers were used by club members in a state-wide home sanitation drive. Most of the sprayers were kept for use again this year.



Judging schools, such as the one pictured, serve as practical classrooms for 4-H'ers interested in selecting and breeding better livestock.



Tractor maintenance is a rapidly growing activity in Kansas 4-H Club work. These members and leaders are finding out how to take care of a tractor. The 1948 state tractor maintenance clinic is scheduled for April 5, 6 and 7 in Hutchinson.



Girls can be livestock exhibitors, too, as illustrated by Ruby Ashcroft, member of Hawks Husky Healthy 4-H Club, Kingman county, with her pet project, a fat wether.



Roma Jean Unger, Mount Pleasant 4-H Club, Decatur county, is one of several thousand Kansas 4-H Club girls learning to make their clothes, plan and select their wardrobes, judge clothing quality.



A stable of 12 golden horses, given by members of the Kansas Palomino Horse Breeders' Association, is one of the attractive features of Rock Springs Ranch, the state 4-H Club camp.



Larry Seaman, Comanche county 4-H lad, triumphantly leads his grand champion baby beef from the ring at the 1947 Wichita Fat Stock Show.



A view of the sports area at Rock Springs Ranch. During the 1947 camping season 3,863 campers, representing 10 different youth and adult groups, enjoyed the facilities.



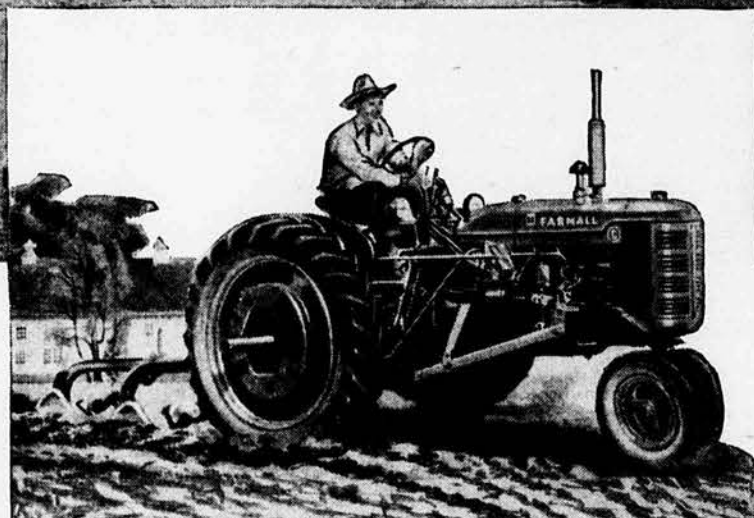
Interest of Kansas 4-H Club members reaches far beyond their line fences, as is demonstrated by their interest in UNESCO. Shown here is the Ellsworth county UNESCO booth that won a blue ribbon at the 1947 Kansas State Fair.



Poultry makes one of the best projects for the beginner in club work. Here are some of the Kansas poultry products that helped make up the grand total of 9 million birds handled by club members over the nation last year.

Spring on the Farm—

and NEW IH Equipment for Modern Farming



New Farmall C, equipped with FARMALL TOUCH-CONTROL . . . one of five all-purpose tractors with matched machines for every size farm, and for every crop and soil condition.

It's Spring, 1948 . . . and new International Harvester Farm Machines are out in the fields, all over America.

What an array of new IH equipment it is! *Every machine is the leader in its field*, made by International Harvester, pace-setter in farm equipment manufacture. Every machine has been designed and built to make farm mechanization more complete and to bring additional time and labor-saving advantages to the family farm. These machines are as up-to-date as tomorrow. They fit today's *way of farming*, with the emphasis on *soil conservation and better land use*. They're made for simple, convenient one-man operation.

Your IH Dealer is the man to see about all that's new in IH Farm Equipment. Every effort will be made to provide you with the machines you need.

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois

INTERNATIONAL HARVESTER



Leader in Farm Equipment Progress



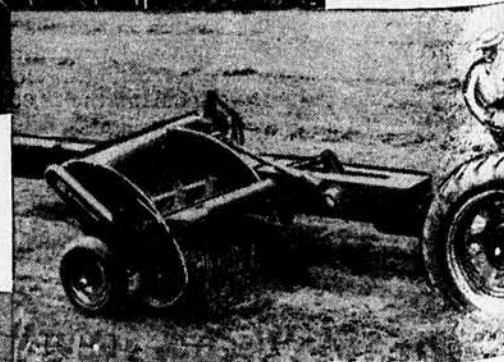
Farmall Touch-Control is a complete implement control. Hydraulic power in both directions—power to lift the implement from the ground and power to force it into the ground.



← New FARMALL SUPER-A tractor equipped with drill planter and fertilizer attachment. Farmall is a registered trade-mark. Only International Harvester builds Farmall Tractor



↑ Smallest Farmall—the new FARMALL CUB tractor, with cultivator. This is a great combination for fast cultivation.



↑ Speed up the hay harvest with the new No. 45 Pickup Baler. Self-feeding, fully automatic. Farmall H (or tractor of equivalent power) handles it nicely. No auxiliary engine needed.



← The new, small No. 4E hammer mill to be powered by a 3, 5 or 7½ hp. electric motor or the Farmall Cub Tractor. Handles all types of grains and feed. Ideal for overhead bin installations.

Why His Wheat Is Better

IT WAS a temptation to disregard soil-improvement practices during this period of high-grain prices. But viewing his crop prospects now, Grant L. Cotner, Montgomery county, believes he will be ahead because he did not change his rotation plans.

Three years ago he decided to seed 25 acres of sweet clover each year. That plan called for sweet clover in his rotation every fourth year. He seeds it with oats. In addition he has 10 to 15 acres of alfalfa available at all times which he keeps as long as he can maintain the stand.

One look at his wheat-crop prospects this winter is a convincing argument for sweet clover. Ground that had been improved with sweet clover carries a heavy stand of grain that nearly hides the soil. Wheat he seeded just across the road in ground not aided with clover looks like most any other wheat, it is thin and weak in appearance. It is difficult to believe that both fields had the same preparation and were seeded by the same farmer.

"Where Top Soil Is 8 Feet Deep"

WHEAT plants in Western Kansas send their roots 8 feet into rich, lime-laden soil, to produce the highest quality of grain on the market, states J. Herman Salley, retiring president of the Western Kansas Development Association.

This statement is not just a matter of personal pride. It has been proved. Last summer the W. K. D. A., co-operating with the Liberal Chamber of Commerce, dug up 2 wheat plants in a field west of Liberal. The excavation was made under direction of A. W. Erickson, crop reporter, Minneapolis, Minn.

Measurement of the plants and their root systems showed that the plants stood 50 inches above the ground, but that the root system went down 8 feet into the rich Western Kansas soil.

Rich subsoils are apparent to a depth of 40 inches in soil samples taken at the site of the excavation. Heavy, strong roots plunge down thru these soils, sustaining the plant's growth after the fall planting.

The picture accompanying this article shows that just below the 20-inch mark, where the lime-laden subsoils begin to make their appearance, the wheat roots begin to fan out in search of moisture and plant food which pro-

duce a hard, superior quality winter wheat.

At the 40-inch marker, the roots become a mass of fine, fiber-type roots. At the 60-inch marker, the heavily lime-laden soils begin, and continue to the bottom of the soil column.

Chemical analysis of wheat from this plot showed the calcium content to run 2 times higher than the average calcium content of all milling wheat going into our great milling centers.

Mr. Erickson points out that the world is starved for food with the life-giving qualities of high-plains wheat. "Even tho a volume of food could be offered to the people of the world, much of it lacks the high-mineral content of Western Kansas wheat," he explains.

As a result of this experiment, the Western Kansas Development Association has added to the list of advantages of the high plains this catch-phrase: "Where the topsoil is 8 feet deep."

Holds Logs Solid

A couple of sickle sections screwed in upright position to the cross-sections of a sawbuck will keep small logs from rolling or turning while being sawed.—A. B. C.



Sinclair Refining Company



WHAT HAVE YOU GOT THERE, DINO?

A HANDY, NEW UTILITY CAN OF SINCLAIR OPALINE GEAR LUBRICANT.



SAY, THAT CAN WILL BE HANDY AROUND THE FARM WHEN IT'S EMPTY.

SURE WILL. AND IN YOUR TRACTOR AND TRUCKS, OPALINE GEAR LUBRICANT PROTECTS GEARS AND MAKES SHIFTING EASIER IN HOT WEATHER OR COLD. BUT...



BUT WHAT?

BUT REMEMBER DUST AND GRIT GET INTO ANY GEAR BOX. SO BE SURE TO DRAIN THE TRANSMISSION AND FINAL DRIVE REGULARLY AS YOUR TRACTOR MANUFACTURER RECOMMENDS.

PHONE OR WRITE YOUR SINCLAIR AGENT TODAY FOR

SINCLAIR

TONGUE-LOCK DIAMOND TOP Concrete Stave Silos

Longest possible service with the least possible worry and trouble are the big features you will enjoy in your McPherson Tongue-Lock Diamond Top Concrete Stave Silo. You also have our 36 years of experience to assure you of a better silo.

Contract now for a McPherson silo for future delivery.

McPHERSON CONCRETE PRODUCTS CO.
904-1126 W. Euclid St.
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LOW COST IRRIGATION HOSE

MADE OF CANVAS

Ideal for pump irrigation. Carries water over or around obstacles. Saves work. Lasts for years. Makes getting water where you want it easy. Low Cost. Canvas dams also. Write for illustrated folder.

LINCOLN TENT & AWNING CO.
1616 O St., Lincoln, Nebr.

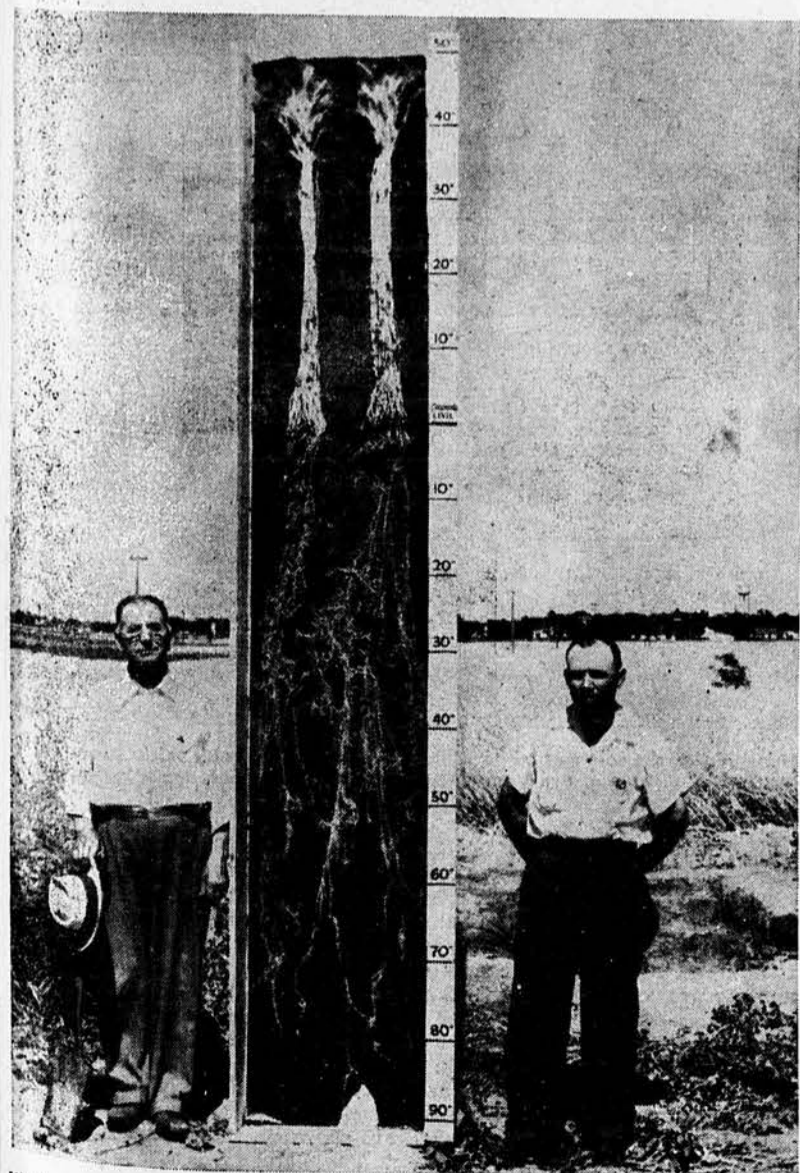
WALSH SPRAYERS

As low as... **\$39**

SEE YOUR DEALER OR WRITE

WALSH MFG. CO.
Charles City 8 Iowa

BOOM AND POWER



High quality of Western Kansas wheat is due to the deep, rich subsoil, experts claim. This picture shows wheat roots going down 8 feet into the soil. Chemical analysis of grain samples shows this wheat has twice the average calcium.

"No other tobacco is like Prince Albert for tongue-easy pipe joy,"

says pipe fan **DICK WADE.**

Prince Albert's choice tobacco is specially treated to insure against tongue bite.



TUNE IN
"GRAND OLD
OPRY"
SATURDAY
NIGHTS
ON N.B.C.

• "There's more smoking joy with crimp cut Prince Albert," says Dick Wade. "P.A. gives me rich-tasting, cool-smoking pipe comfort."

More men smoke
PRINCE ALBERT
than any other tobacco.

The National Joy Smoke

Aluminum GRAIN BINS

Aluminum has longer life and less corrosion plus finer appearance. Cost less than well built wooden bins. Sizes: 1,000, 2,250, 3,750, 5,250 cu. ft. Get particulars now. Supply limited. Address: **MIDWEST STEEL PRODUCTS CO., 5610 Millway, South, Chicago 20, Ill.**



USE AEROVENT FANS

VENTILATE HAY AND GRAIN
Reduce loss from weather—fire—mold. Green high protein hay increases milk production, makes fast gains.

EASILY INSTALLED

Wayne D. Shier, R. No. 2, Gypsum, Kan.

From our big blueprint. **KoolHay**

We May Miss Opportunity

By **R. C. CHRISTIE**, General Secretary
Kansas Poultry Improvement Association

W E CAN'T produce eggs next fall from pullets we don't start as baby chicks this spring. Poultrymen who don't get chicks now for next fall's egg supply may be overlooking an opportunity to cash in on their poultry program.

Too often we fail to observe the trend of the times and dispose of flocks when market conditions are unsatisfactory. We fail to prepare for favorable markets and are out when we should be in. The in-and-outer is usually caught in this predicament.

There are many factors which might indicate a much more favorable poultry situation within a very few months. Many poultry flocks thruout the entire country have been depleted. The poultry population of the United States may be at such a low point as to endanger an adequate supply of poultry products. Hatching egg supplies are much below normal, and hatchery operators are cautious about setting their machines without having the chicks sold beforehand.

Some authorities are predicting a shortage of baby chicks during April and early May. They also feel that many late chicks will be bought this season. Chicks started late usually do not prove as profitable as do earlier chicks.

I believe poultry producers should maintain their poultry programs about

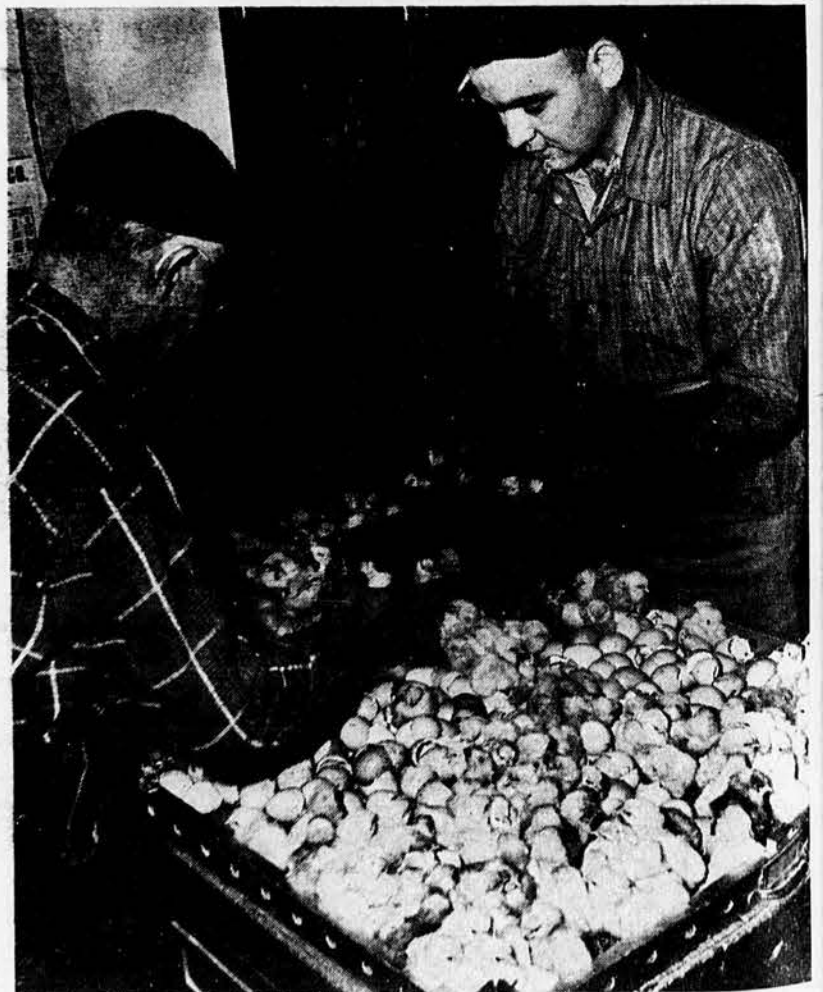
the same as they have in the past. A cutback at this time might prove wrong. Wheat has sold for as low as 25 cents a bushel, but farmers profited by continuing to raise wheat. The same procedure should be followed with the poultry program. Orders for chicks should be placed as soon as possible, before March 15 would be desirable. Failure to do this may result in the disruption of established starting dates and even inability to obtain chicks of any kind.

The spread between production costs and the market for poultry and eggs should improve; it always has, and there are many reasons why it will do so again, soon. Poultrymen should be prepared for improved poultry conditions. And they should keep in mind that the pullet which is ordered now and started this spring will be the pullet which lays those eggs next fall and winter — they must be started now.

Garden Tools Ready

A discarded woven-steel pot cleaner is the best thing I have ever found to clean soil or rust from a hoe, spade or other garden tool. It is handy to use and leaves a clean, shiny surface. This cleaner also is good for cleaning dirty eggs, especially when one sells to a dealer in quality eggs.—Mrs. O. W. T.

The Cover Picture



Shown doing the sorting and packing of newly hatched baby chicks at the Barton Hatchery, Burlington, are Verne Bowman, left, and Albert McCallon, employees at the hatchery.

O UR cover girl this issue is 11-year-old Jo Ann Ingwersen, of Coffey county. She is a daughter of Mr. and Mrs. James Ingwersen.

Jo Ann is just starting her second year with a poultry project. A member of the Best Yet 4-H Club, she had 50 White Rocks as her project last year, marketing 42 out of the 50. Fifteen of her best birds last year were shipped to Manhattan for entry in the Chicken of Tomorrow Contest. Jo Ann plans another project with White Rocks this year.

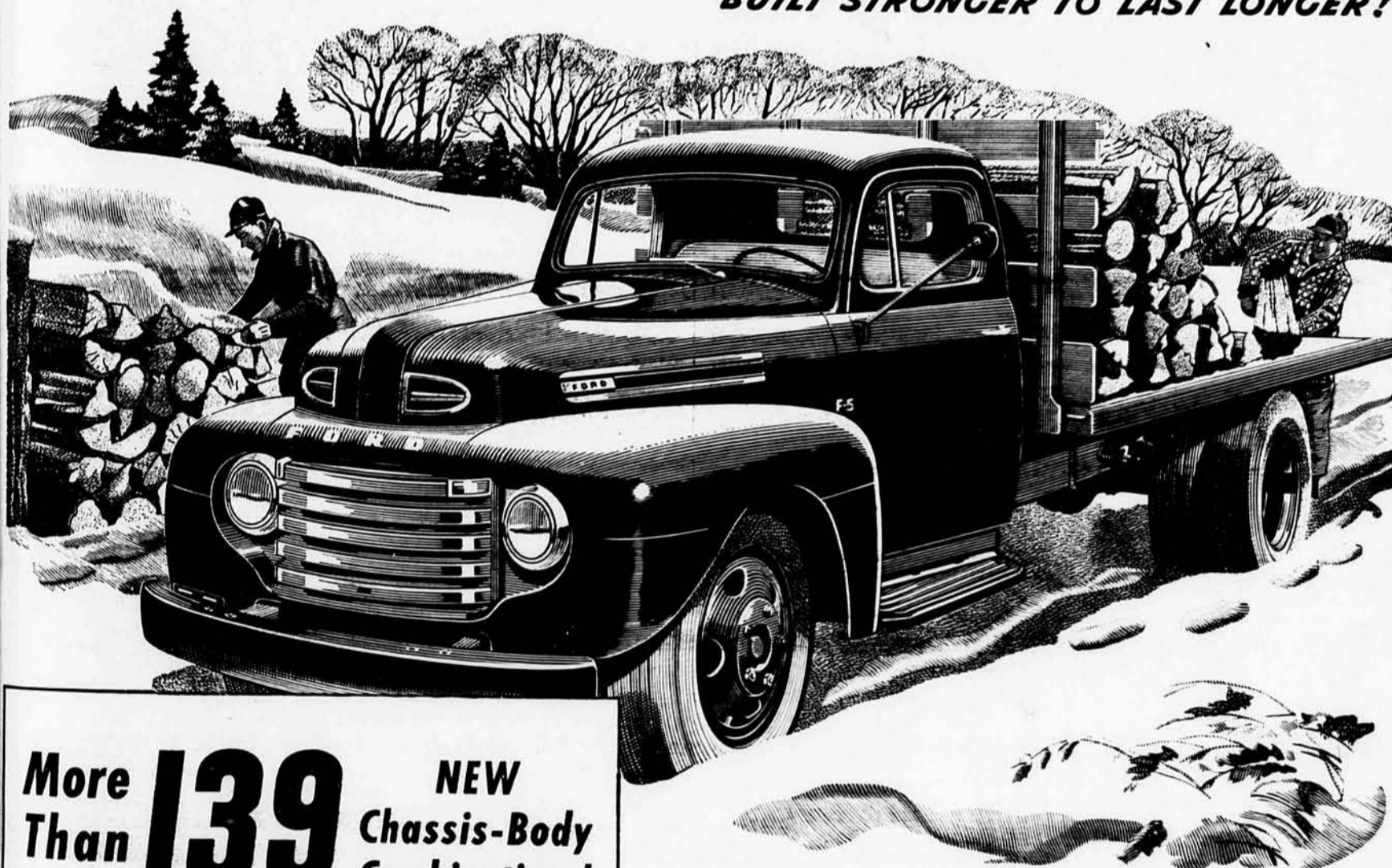
The Ingwersens are really 4-H minded. Mr. Ingwersen was leader of the Best Yet Club for 10 years, and has 2 other daughters besides Jo Ann who are prominent in 4-H Club work. Lola Ingwersen has served as president of the club and now is acting as secretary. Another daughter, Betty, is president of the club this year.

Baby chicks just out of the shell are shown in this picture and on the cover of this issue of Kansas Farmer. The picture was taken of the first hatch of chicks this season as the young birds were taken from the incubators for packing at the Barton Hatchery, Burlington.

Brand NEW for '48

FORD *Bonus* Built* TRUCKS

BUILT STRONGER TO LAST LONGER!



More Than 139 NEW Chassis-Body Combinations!

A NEW FORD TRUCK FOR EVERY FARM NEED

THEY'RE here . . . your Ford Dealer has them . . . the greatest trucks Ford's ever built! These new Ford *Bonus Built* Trucks are new all through . . . new from end to end and rims to cab roof. And there's the *right* truck for every farm need in this revolutionary new line!

Want choice? More than 139 chassis-body combinations!

Want the right power? Ford has three great new truck engines . . . the new Rouge 226 Truck Six, the Rouge 239 and Rouge 337 Truck V-8's, developing up to 145 h.p.!

Want comfort? Ford gives you the new Million Dollar Cab with living room comfort. Exclusive Level Action suspension effectively insulates cab from vibration and frame weave!

Want the really new advancements? Ford Trucks for '48 have new, stronger frames, axles, brakes, steering!

For every farm job, there's a Ford *Bonus Built* Truck that will fill the bill! Compare Ford Trucks for '48 with all the field . . . measure them against your hauling needs. They're built stronger to last longer . . . they're *Bonus Built*!

***Bonus* Built*—THE AMAZING RESULT OF AN ENGINEERING PRINCIPLE THAT ASSURES WIDER USE, LONGER LIFE...and ONLY Ford Trucks Have It!**

Every one of the new Ford Trucks for '48 is *Bonus Built* . . . built with *extra strength* in every vital part. This extra strength provides WORK RESERVES that pay off in two important ways:

• **FIRST**, these WORK RESERVES give Ford Trucks a greater range of use by permitting them to handle loads beyond the normal call of duty. Ford Trucks are not limited to doing a single, specific job!

• **SECOND**, those same WORK RESERVES permit Ford Trucks to relax on the job . . . to do their jobs easier, with less strain and less wear. Thus, Ford Trucks last longer because they work easier!

Yes, Ford Trucks are *Bonus Built* . . . built stronger to last longer! That's why they give their owners wider use and longer life! That's why there are more Ford Trucks in use today than any other make!

*BONUS: "Something given in addition to what is usual or strictly due."—Webster

Listen to the Ford Theater, Sunday afternoons—NBC network.
See your newspaper for time and station.

LIFE INSURANCE EXPERTS PROVE . . . FORD TRUCKS LAST UP TO 19.6% LONGER!

IT'S GOT WHAT IT TAKES



Massey-Harris Plows pull easier, scour cleaner, do a better job in trashy conditions. In sizes for all tractors.



With its two caster wheels, the Massey-Harris No. 6 Mower follows the contour of the fields . . . simplifies attaching and detaching.



Massey-Harris Planters drill corn accurately—up to 75 acres a day with a four row, 35 to 40 acres with a two row.



Massey-Harris Cultivators are easier to attach and detach, simpler to adjust and do a cleaner job of cultivating. In 2-, 4-, and 6-row sizes.

STAMINA

Heavy soils . . . rolling land . . . big silos to fill, tons of feed to grind—not one of them bothers a Massey-Harris. For here's power, with plenty of lugging power to keep tough jobs moving when the going is tough.

STYLING

The very lines suggest the rugged, dependable performance you've come to expect in a Massey-Harris Tractor, whether it be the new, one-plow Pony, the two- or three-plow row-crop models, or the husky 4-5-plow No. 55.

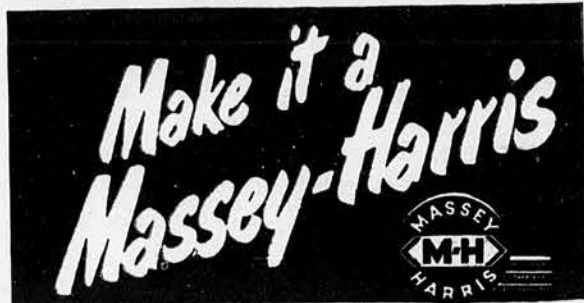
SMOOTHNESS

Practical working speeds, finger tip steering, a "Velvet-Ride" hydraulic seat, castered front wheels, short-turning radius, full vision—these are the features that make for the smooth, easy performance that means much when there's much work to do.

ECONOMY

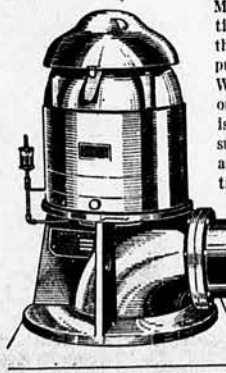
The economy of a Massey-Harris is more than low fuel and oil consumption. More important are dependable performance, long life, simplicity of maintenance—all due to the better engineering, designing, and construction for which Massey-Harris is famous.

Talk to your Massey-Harris dealer. Get the full facts from him, or write us for the 1948 tractor catalog. The Massey-Harris Company, Racine, Wis., Dept. 75.

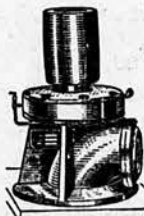


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MAKE YOUR PLANS NOW. Your WESTERN Pump Installation cannot be had on a few days' notice. We drill your test, then engineer the pump expressly for the conditions found. A pump testing laboratory is necessary for accurate engineering. We have a laboratory—recognized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



Furnished with either Direct Connected Electric Motor, Flat or V Belt Drive, or Right Angle Gear Head Drive.



Write today for free Catalog and full particulars.

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Dept. 121
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Seed Brome Grass in Spring But Give It Extra Care

By KLING L. ANDERSON

WIDESPREAD shortage of soil moisture last fall prevented the planting of brome grass and alfalfa pasture mixtures on many farms. Fall planting of brome grass is recognized to be superior to spring planting in this region. That is because it is easier to destroy weeds in preparing the fall seedbed, and also because fall-sown seedlings are better able to go thru their first summer without damage from heat or drouth.

Fewer failures result from fall planting, but despite this, many farmers plant brome grass in the spring, and with success. If a little extra care is taken to prepare a good seedbed, and to provide good soil fertility, as well as to keep down weed competition by clipping during the seedling stage, there should be no difficulty in establishing brome-alfalfa pastures this spring.

Spring planting has one rather important advantage over fall planting. Chess, if present in the seed, will fail to mature when planted in the spring because it is a winter annual, and like winter wheat, must go thru a period of low winter temperatures before it can develop seed heads. Therefore, spring-planted chess simply remains vegetative until summer, and then dies. Practically none of the plants make seed.

The seedbed for spring-sown brome grass should be well worked and firm but with a fine surface mulch. The grass and alfalfa should be drilled shallow, only about one-fourth to one-half inch below the soil surface, and the soil must be firmly pressed around the seeds in order that prompt germination will occur. This usually requires packing after drilling.

Time of planting will depend on moisture conditions but should be fairly early, as soon after oats planting time as possible. This may be a lit-

tle too early for best results with the alfalfa portion of the mixture, but the brome grass is the important member and it needs early planting to become well established before summer heat sets in.

To obtain quick establishment requires good soil fertility. To assure this, it is best to apply both phosphate and nitrogen fertilizer at seeding time. One hundred fifty to 200 pounds of ammonium phosphate (10-20-0) fertilizer (or its approximate equivalent in other fertilizers) drilled with the seed will stimulate rapid and vigorous seedling growth and will hasten the establishment of a sod. Use of fertilizer is especially desirable on the thinner, upland soils.

Spring-sown grasses are likely to be weedy and the rapid growth of weeds may offer severe competition for light, moisture, and plant nutrients. Mowing to cut down the growth of weeds will aid materially in establishing the new sod. Adjusting the cutter bar to cut 2 or 3 inches above the ground will leave most of the grass and remove most of the leafy weed growth. Two or three mowings may be required, whereas brome sown in the fall under good conditions will usually be well enough established by spring to keep down excessive weed growth so that mowing for weed control will not be required.

It will be seen that spring planting is not generally as good as fall planting, but for those who had planned to sow brome grass last fall, it might pay to take a chance on spring seeding this year, especially if the seedbed prepared for brome last fall is still available. Realizing there are some disadvantages, those who plant brome in the spring will give it a little extra care and encouragement, and unless moisture conditions this summer are extremely unfavorable, their chances of success will be good.

Sprinkler Lines Irrigate Corn

AT LEAST one Riley county farmer doesn't believe that old saying: "Everybody talks about the weather, but no one does anything about it." This farmer, Herbert Roepke, is a grower of hybrid seed corn, and he soon discovered that getting moisture at just the right time made the difference in getting a crop.

With this in mind Mr. Roepke sank a well right in the center of his 160-acre farm. From this well he laid ¼-mile of 8-inch pipes that will take water to any field on the place. To this was added ¼-mile of 6-inch pipe and another ¼-mile of 4-inch pipe.

This system supplies water for two 80-rod sprinkler lines. The sprinkler lines have 5-foot risers every 60 feet and these risers are one inch in diameter. Each sprinkler puts out 35 gallons of water a minute and will water 28 rows of corn at a time.

With a 4-man crew, 3 lines can be laid daily and still allow 5 hours of pumping at a set. Nine acres a day can be covered with the system, reports Mr. Roepke, and 3¼ inches of water can be pumped onto the corn in 6 hours. Fifty acres of corn were watered

twice last summer, with the first irrigation coming just as the corn was shooting ears. "This is the most critical period for corn production," states Mr. Roepke.

The sprinkler system is more expensive than leveling and using ditches if the ditch method is possible on a farm, says Mr. Roepke. However, his land is too rough to level. Despite the high cost of his system, the improved yield and quality of his seed corn last year brought in almost enough additional money to pay for the system the first year. Average yield of corn in Mr. Roepke's community last year was 30 bushels an acre. Much of his corn made 80 bushels.

In using irrigation for corn Mr. Roepke is finding his soil will need more humus. He always keeps about 35 acres of alfalfa on the farm, but believes alfalfa will be too slow in his rotation. His plans are being changed to include 15 acres of sweet clover a year to be plowed under as green manure. He also will use commercial fertilizer. "You can't continue to take more out of the soil than you put back," says Mr. Roepke.

Limit on Canadian Combines

SENATOR CAPPER has been informed from the Department of Labor that only a sufficient number of Canadian-owned and operated combines will be admitted to the United States this year to handle the wheat crop without taking away such work from American operators.

A letter to Senator Capper from Robert C. Goodwin, director of USES, Department of Labor, states, after relating that conferences on the subject already have been held at Salt Lake City and Kansas City:

"At the Kansas City meeting, representatives of the Canadian government were in attendance. The consensus of state employment service representatives indicated that fewer Canadian combines will be required in the U. S. Wheat Belt during 1948.

"The Canadian government representatives were completely aware of

and sympathetic toward our desire to protect the interests of the U. S. harvest crews available for employment in the harvesting of small grains.

"Agreement with the Canadian government has been reached whereby men and machinery from Canada will be permitted to enter the United States only after a request for such equipment and labor has been made by the USES.

"Mr. J. R. Haan, farm placement supervisor, 305½ Broadway, Bismarck, N. D., (telephone 38) will serve as liaison representative for the United States. Requests for Canadian machinery and crews will clear thru Mr. Haan."

W. O. Stark, state farm placement representative, employment security division, State Labor Department, Topeka, will act as clearing house for combine placement.

Flying Farmers

YES, as previously announced in Kansas Farmer, the third annual meeting of the Kansas Flying Farmers Club will be at Wichita this year. The dates are Tuesday and Wednesday, May 25 and 26. Convention dates were set recently when members of the Flying Farmers convention committee met at Wichita with chamber of commerce representatives.

Present plans call for a general program outline similar to the program followed last year at Hutchinson. There will be a banquet for Flying Farmer club members and wives at the Hotel Broadview the evening of May 25. Morning business meeting and afternoon program for May 26 will be at the Wichita Municipal Airport.

There are a lot of new things in the wind for this year's meeting to make it even bigger and better than ever. None of them are definite, but here are a few hints: To make the initial descent on Wichita for the convention more impressive, a mass flight into the city the afternoon of May 25 has been suggested. After meeting at some airport 30 or 40 miles from the convention site, plans are to stage a mass flight into the city. Details of this feature remain to be worked out by the convention committee.

The annual business meeting of the Flying Farmers Club will be at the Wichita Municipal Airport, Wednesday morning, May 26. An educational and entertaining program is being planned for the afternoon. Convention committee members report they are enthusiastic about the possibilities for the annual meeting at Wichita. And the co-operation of the Wichita chamber of commerce is adding to the enthusiasm.

Among the activities in the wind for the second afternoon are conducted tours thru the plane manufacturing plants at Wichita. These tours in themselves should prove interesting to a large number of Flying Farmers. Then there is the possibility of demonstrations of cross-wind landing gear and other new developments in aviation.

In addition to these demonstrations, manufacturers of planes and airplane accessories will have an opportunity to exhibit new developments in their respective lines.

It does look like a good convention for Flying Farmers at Wichita in '48.

Improves Legume Stands

A combination culti-packer-seeder is the ideal implement for seeding alfalfa in sandy soil, according to Ira L. Bahruth, Cowley county. He has been using this method since 1938 and says it removes much of the chance from seeding the legume.

Some years ago Mr. Bahruth noticed the best stands of alfalfa were found where the drill wheels had packed the soil tight. After noticing this he began rolling the ground with a corrugated roller after drilling. But in sandy soil he found it was difficult to control the drill. Often the seed would be covered too deeply. That was why he put seeder attachment and culti-packer together nearly 10 years ago.

Now he is thinking about enlarging on the idea so he can spread fertilizer with his culti-packer while seeding alfalfa.

Farm Fire Protection

A new 24-page booklet, "Fire Safety on the Farm," has just been published by the National Board of Fire Underwriters. Would you know what to do first if fire breaks out on the farm? Do you know how to fight fire, and do you have the necessary equipment? These and many other pertinent subjects are discussed in the booklet, including first-aid treatment for scalds or burns. If you are building or remodeling, this booklet will offer valuable suggestions. Arrangements have been made whereby we can have a free copy of the booklet sent to you upon request to Farm Service Editor, Kansas Farmer, Topeka.

CUT Cost Per Hour of Operation!



SAVE ENGINE POWER—help keep farm engines *Mobiloil Clean*, free of deposits that can cause fuel waste, costly wear.

SAVE LUBRICATION TIME with farm-proved Mobilgreases that stick to the job, protect against heat, pressure—seal out grit, water.

GUARD GEARS against dust, wear, repairs with fresh, clean Mobilube Gear Oils. Safety tip: check gear oil regularly to see if gears are adequately protected.

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The Answer to Machine Protection and Performance for Thousands of Production-Minded Farmers!

BACKED by 82 years of experience—endorsed by 72 of the biggest names in farm equipment—Mobil Farm Products meet exacting needs of farmers everywhere.

What's more, your Friendly Mobilgas-Mobiloil Man delivers right to the farm—helps keep farm machines on the job *full time!*

Get his time-saving products and service!

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Call in Your
Mobilgas-Mobiloil Man!



The eyes of the world are on the American farmer

THE eyes of the whole world are upon the American farmer. The people cry for food, and he is the world's greatest food producer.

He is doing a tremendous job. Using more science, more machines, more brains, he gets better results than ever before.

Farmers today not only use more equipment, but keep their equipment in better shape—and buy what it takes to do it.

For instance, more and more farmers insist on getting Quaker State HD Oil for their trucks,

tractors, and other motorized equipment.

They know that Quaker State HD Oil lubricates better, lasts longer—resists heat and pressure better. Skillfully refined from 100% pure Pennsylvania grade crude oil, every drop in every drum can be depended upon to stand up under the hard grind of farm service.

It keeps engines cleaner, too—gives more protection to equipment, more value for the farmer's dollar.

In no other application can Quaker State HD Oil be better employed! Order a drum today.



QUAKER STATE OIL REFINING CORPORATION • OIL CITY, PENNA.

Vocational Agriculture

By HELEN ANKENY

BETWEEN 20 and 25 district judging and farm mechanics contests are being held over Kansas. They started in February, will continue thru March and April, in preparation and training for the 25th annual judging and farm mechanics contests at Manhattan, April 26 and 27. District contests are sponsored by the Kansas State Board for Vocational Education and local F. F. A. chapters.

The north central district poultry judging contest was held February 7, at Concordia, sponsored by the F. F. A. chapter under the direction of their adviser, W. A. Rawson.

The Clay Center team, coached by Ray Morrison, was first-place winner; Washington, I. E. Peterson, coach, 2nd; Frankfort, F. E. Frank, coach, 3rd. High individual was Paul Mugler, Clay Center, with a total of 744 points out of a possible 800. Charles Sanford, Belleville, was second high; and Doyle Yeagle, Stockton, third high.

District public-speaking contests are being held over the state with Future Farmers competing both as teams and as individuals. Many contestants in district contests, showing promise as public speakers, will enter the annual state F. F. A. public-speaking contest, April 27, at Kansas State College. These district contests, however, are not elimination contests. Any Future Farmer in Kansas meeting the qualifications is permitted to enter the state contest.

One hundred fifteen applications have been made for the State Farmer degree this year, according to L. B. Pollom, state supervisor of Vocational Agriculture education in Kansas, and adviser of the Kansas Association of F. F. A. A state association is permitted to elect only 2 per cent of its active membership to the State Farmer degree, the highest award conferred by a state association. This means that Kansas, with a membership of 4,500, cannot elect more than 90 of the 115 applicants to the degree.

Applications will be reviewed by members of the state executive committee at a meeting called by A. P. Davidson, Manhattan, state executive adviser of the Kansas F. F. A. Association, for April 15. Applications passed on by the committee will be recommended to the House of Delegates meeting, April 26, for final approval. Successful candidates will be elected and initiated the same evening.

Nine Kansas F. F. A. chapters have filed their programs of work on time with the national F. F. A. organization, which makes them eligible for competition in the National Better Chapter contest, dependent upon intra-state elimination. A state association may submit 2 final entries. Kansas chapters filing with the national organization

include Effingham, Beloit, Highland Park, Buhler, Stockton, Winfield, Olathe, Minneapolis, and Coldwater.

The Agricultural Education Club of Kansas State College, will, for the second year, make an award to the F. F. A. chapter in the state totaling the highest number of points in the 1948 agricultural judging, farm mechanics contests and F. F. A. events to be held at Manhattan, April 26 and 27. The award, a heart-shaped bronze plaque, will be made at the annual F. F. A. banquet given by the Manhattan Chamber of Commerce, April 27.

The award, which was offered for the first time last year, was won in 1947 by the Beloit chapter, H. R. Bradley, adviser.

F. F. A. chapters in Kansas are taking an active part in F. F. A. Week, February 20 to 27, designated by the national F. F. A. organization in commemoration of their 20th anniversary. Chapters all over the state are observing the week with special programs, parent-and-son banquets, and making radio broadcasts. Indications are that the national membership this year will reach a new high of more than 250,000.

The Mulvane chapter, Lee Doyen, adviser, has just completed a scrap drive which netted them \$250. The money was used in buying a paint sprayer outfit. So far the chapter has painted 5 cars and tractors. Money earned in this manner will be used to buy more equipment.

Fifty-one dollars were donated by the Shawnee Mission Chapter, H. D. Garver, adviser, to the March of Dimes campaign. The money was earned by 6 Shawnee Mission Future Farmers, under the direction of Bob Davis.

Bernard and Morris Campbell, of the Hoxie chapter, Willard Barry, instructor, have been given awards of merit by the Kansas Bankers Association for outstanding soil-conservation practices last year. The awards were presented at a meeting of the Sheridan County Soil Conservation Service, with the Hoxie Future Farmers serving as hosts.

A new type tree-planting machine, completed by Vocational Agriculture students in their shop at the Hays high school, is being tested at the Ft. Hays Experiment Station. The machine will plant 1,000 trees an hour, is pulled by an ordinary farm tractor. It opens a furrow, spaces the trees properly, counts them, and packs the soil around the new plantings. It can be operated by one man. Mounted on high-speed bearings and rubber tires, it can be moved from one farm to another at ordinary car speed. Laurence C. Jansen is the Vocational Agriculture instructor at Hays.

This Isn't the Navy



Change from military to civilian life seems complete for Max Davis, Morris county. A veteran of 20 months service in the navy, Max has traded the navy blue for high-heeled boots and stockman's hat. Here he displays his most-prized Christmas present, a new western saddle given him by his father, L. C. Davis.

"Good" Grass Isn't Good Enough!



The output of our grasslands can be doubled!"

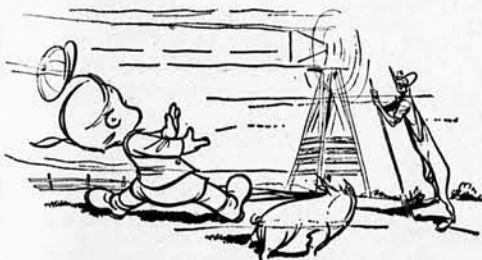
Top experts of the U. S. Department of Agriculture will tell you that. So will many a far-sighted rancher and farmer out of his actual experience. So will students and teachers of land management everywhere. . . In that bright possibility of range and pasture improvement lies one principal hope for more food for a hungry world. Not only more food, but better food. For proper grassland management will improve the fertility of the land, and the nutritive value of the foods coming off it. It will save the land, too, protecting the precious layer of topsoil from blowing away or washing off to sea. And it will increase the amount and value of hay for cash-crop or winter feeding.

The way is wide open for you to improve your grass. Strong and willing allies stand ready to help you. For advice and active help in planning your own grass-management program, there's your County Agent. . . For technical, practical help in putting your program into operation, call on the Soil Conservation Service technician who lives in your district. . . And for information on newest experimental developments, call on your State Agricultural College or experiment station.

The program of good management for your grassland which you work out together will probably consist of some—or perhaps all—of the following practices. If you're in the range country: (1) Livestock numbers balanced to the amount of grass you can produce. (2) A rotation schedule of seasonal grazing. (3) Water located conveniently. (4) Elimination of excessive brush. (5) Wider distribution of salt to prevent over-grazing near salt source. (6) Re-seeding of over-used or abandoned range. (7) Introduction of improved native grasses and adapted new grasses. (8) Irrigation. (9) Protection against wind and water erosion. If yours is farm pasture land: (1) Liming. (2) Fertilization. (3) Seeding with pasture mixtures which stretch the grazing season at both ends. (4) Weed control by mowing or chemicals. (5) Rotation grazing. (6) Avoidance of over-grazing. (7) Irrigation.

We of Swift & Company have the same deep, basic interest that you have in range and pasture improvement. More and better grass is to our interest as it is to yours—and to the nation's. That's why we urge you to act, if you have not already done so, to increase the productiveness of your grasslands.

OUR CITY COUSIN



Cries Our City Cousin to the hired man, "Please turn off that big electric fan!"

Martha Logan's Recipe for SPRINGTIME PORK AND VEAL

(Yield: 5 to 6 servings)

1/2 pound pork shoulder	2 tablespoons flour
1/2 pound veal shoulder	1 tablespoon sugar
1/2 cup diced rhubarb	1/4 cup water
1 1/2 teaspoons salt	

Cut pork and veal into 1-inch cubes. Brown in heavy skillet. Add rhubarb. Cover and simmer 1 hour. Remove cover. Combine salt, flour, sugar, and water. Stir lightly into meat. Simmer 5 minutes to blend. Serve hot with or without toast.

Soda Bill sez:

. . . that flattery is soft soap—
and soft soap is mostly "Iye."



Profit Comes from SAVING!

The story at the head of this page is about farmers and ranchers making the most of their grasslands. By good planning, managing well, and operating efficiently, they can grow more grass, produce more food for the world, and make more money. While writing that story, I was struck by a similarity in the Swift business. For it is careful planning and efficient operation that keep us in business, too. Like you with your grassland, we've got to make the most of what we have. We've got to practice efficiency. We, also, must cut costs, operate with economy. Not only the important economy of finding uses and markets for every possible by-product, but economy and efficiency all along the line.

Maybe you saw Swift's recent financial report for 1947. It showed that we earned \$22,334,977 after provision of \$12,000,000 for high cost additions to fixed assets. This earning represented one cent out of our average dollar of sales. That one cent was earned in large part by the savings we made. The operating figures of our business prove that statement. They show where the savings came from. New methods of doing things which save time and cost. Modern equipment replacing old, worn equipment. Better ways discovered by Swift research to produce, use and handle Swift products. A small saving here . . . another there . . . little economies, pyramiding into big economies. Until, added together, the savings which we made last year in the actual day-by-day operation of the Swift business amounted to a considerable part of our earnings.

Careful planning, good management and efficient operation are "musts" in our business as in yours. "Little things" can often add up to the difference between a profit and a loss.

F.M. Simpson.

Agricultural Research Department

Save More Spring Pigs

by C. M. Vestal, Purdue University



C. M. Vestal

Surveys indicate that one out of every three pigs farrowed dies before weaning age. These death losses are one of the biggest leaks in the hog business. They can be reduced during the cold spring months by the use of electric brooders in individual farrowing houses or pens of a central house.

A three-year study and observation of 105 litters showed that an average of one and one-half more pigs was saved per litter when electric brooders were used in individual farrowing houses. The death loss from chilling was 10 per cent in the unheated houses against 2.2 per cent in those equipped with heated brooders. These losses in the houses without heat increased when the weather became colder. Outdoor temperature, however, had little if any effect on death losses when the electric brooders were used.

The electrically heated pig brooder, either home-made or a factory-made type, proved to be the most practical method of supplying heat. The brooder provides a small area in the pen or house which can be heated economically. The simplest type of brooder is a 150-watt reflector flood lamp suspended over a protected area for the pigs in a corner of the pen or house. Installation and use of electric pig brooders require the necessary careful handling of electricity.

Details for the construction of a pig brooder usually may be obtained from county agents or Agricultural Experiment Stations.

"Weigh 'em to Swift!"

The pen gate opens and cattle crowd into the alley, headed for the scales. A cry rings out, "Weigh 'em to Swift!"



Another lot of livestock has been sold to Swift & Company. That deal is a miniature of the business relationship between livestock producers and meat packers.

When this lot of steers was "finished," the producer sent them to the stockyards, consigned to a commission firm. In the "yards" livestock buyers came to look and make their competitive bids. Competition is always keen because 26,000 meat packers and other commercial slaughterers in the United States are active in livestock buying. Each buyer knows that unless he bids "the going price" for the animals he wants, some competitor will get them. Also, he knows that if he bids too high his company will take a loss.

Thus competition and the law of supply and demand set the prices all along the line. This load of steers went to Swift & Company because the Swift buyer offered more than other buyers. And the price he paid was based on his estimate of what the meat, hides, glands and other by-products would be worth to Swift & Company.

SWIFT & COMPANY
UNION STOCK YARDS
CHICAGO 9, ILLINOIS

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

It's New It's Attractive and . . . Convenient

By FLORENCE McKINNEY

RIGHT off highway 40, among the rolling hills of Leavenworth county, is the new home of Mr. and Mrs. T. C. Davis. In the living room is a wide picture window, just where a picture window belongs, for there's a view where the eye rests on the rounded hills beyond.

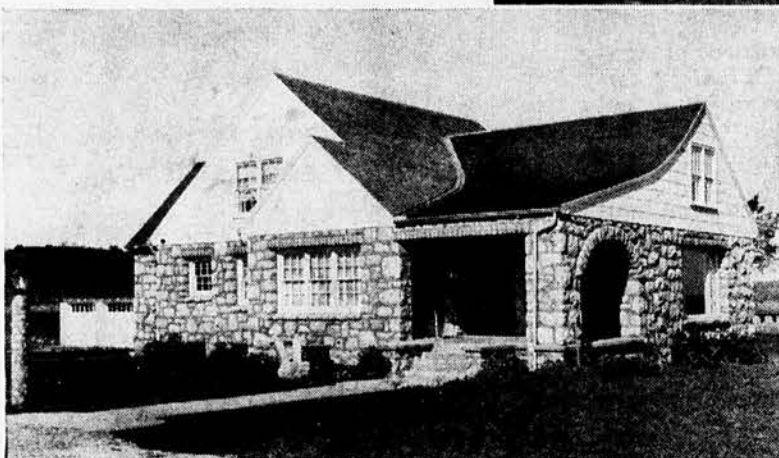
In this white limestone house live the Davises and their 3 children, Wanda Nell, 11, Maridel 8, and Theodore Caldwell the baby, named after his father. The limestone came off the 120-acre farm, which, by the way, is a dairy farm. Mr. Davis milks a herd of 25 purebred Holstein cows. The house, just completed, was built during a time when materials were short and some of it of poor quality. They hunted everywhere in the countryside for the material and equipment they wanted. They tore down the old house and used the dimension lumber for the studing, rafters, floor joists, sheeting and boxing. The old flooring was used for the sub-floor of the new home.

Mr. Davis and his father built the house with the exception of the plumbing, the wiring, plastering and refinishing the floors. When asked to name the features they like best, both Mr. and Mrs. Davis mentioned the outside stairway into the basement, and the office at the rear of the first floor adjoining the kitchen. Everyone cleans up in the basement before coming upstairs. The office was built for the bookkeeping part of farming and homemaking, and for a lounge and study room for the children. There is a desk and desk telephone, comfortable wicker chairs and sofa which Mrs. Davis recently refinished by spraying the pieces with flat white paint, then with white enamel. She upholstered the seats with bright-flowered cotton fabric. In the office, the dining room and bathroom, the windows are shaded with aluminum Venetian blinds.

Of interest to potential builders is the fact that both Mr. and Mrs. Davis studied magazines for a whole year, making plans, comparing and sifting out the features which they desired for their new home. In the kitchen, the new built-ins, the electric stove and refrigerator are a homemaker's dream. The walls are smooth white for easy washing, the work surface of the built-ins is vitreous tile, the sink has a double unit. Mrs. Davis says the double-unit was the type she wanted and that it has met all her expectations.



The double-unit sink, vitreous tile work surface and new electric equipment are the features enjoyed by Mrs. Davis.



Mr. and Mrs. Davis and the elder Mr. Davis all helped build this fine new home, modern from front to back and top to bottom.

The white limestone came from the 120-acre farm. Callers stop at the front walk.

There's a half-bath downstairs, a full bath upstairs and a shower and lavatory in the basement. What else could a farm family ask? But at present, they have plans for a recreation room in the basement.

A feature that farm home planners will appreciate about this home is that the drive leads from the highway right past the front walk . . . no callers need enter by way of the kitchen. There are plenty of closets, all finished and used. Rough plaster covers all the walls with the exception of kitchen and bath. The floors are of hardwood with the exception of the bath. A hot-air coal furnace heats the home. The quarter-round makes rounded corners everywhere, all over the house, even in the closets. This for easy cleaning.

At the time the family completed their plans, they first built a 3-car garage, moved into it and then started to tear down the old house. From beginning to end it turned out to be a 2-year job.

In the basement, the fruit-storage room is partitioned off from the remainder of the room. In keeping with the stone exterior, all the steps and porches are of concrete . . . this also to prevent termite damage.

One room out of the 10 is a music room, just off the living room. Here, Wanda Nell and Maridel practice their piano lessons. This leaves the living room for comfortable, useful furniture and the entertainment of guests.

A feature which will be appreciated by all Kansas farm women is that guests arriving by either the front or back entrance cannot enter the kitchen. At the back is the office, which is a combination office and living room. It's cheerful, sunny and attractive, just the spot for entertaining the neighbors who drop in for an informal chat. Here is an example of what can be done by a skillful farmer-workman and his family. They even laid the floors.

In the coming weeks, the family will landscape, their plans calling for a bluegrass lawn, trees and shrubbery. They believe they have achieved the features which they like and which they find comfortable, convenient and useful. To date there is no feature they would like to change . . . perhaps because of that one solid year of careful planning.



With sloping walls upstairs, storage space was built right into the walls. Wanda Nell and Maridel play in their bedroom.

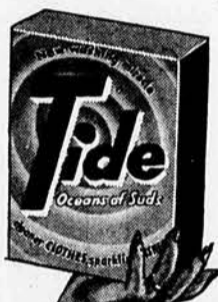


Mr. Davis keeps the farm records at his desk in the office, a room especially built at the back of the house, adjoining the kitchen.

FOUND

- sensational new washday miracle!

IT'S TIDE... Procter & Gamble's amazing discovery!



Out of the vast new knowledge gained in wartime research has come this new washday wonder. Tide does *what's never been done before*—washes clothes cleaner than any soap, yet leaves colors brighter! Tide is completely NEW and different . . . even the suds *look and feel* different! They billow up instantly even in *hardest* water! Only Tide can make all these promises:

1. Washes clothes cleaner!

Yes, cleaner than any soap! No matter what soap you may be using now, Tide gets everything *cleaner*—even greasy overalls! Tide not only leaves clothes free from ordinary dirt, but *actually* removes dingy soap film as well!



2. Actually brightens colors!

Tide leaves *no film* to dull colors. What's more, Tide removes soap film left by former washings—that's why color brightness perks up like magic after a Tide wash! Tide is really *safe* for dainty washable colors.



3. Never "yellows" white clothes!

Tide keeps shirts, sheets, pillowcases gleaming white, week after week. Tide *can't* turn them yellow, no matter how often they're washed or how long they're stored!



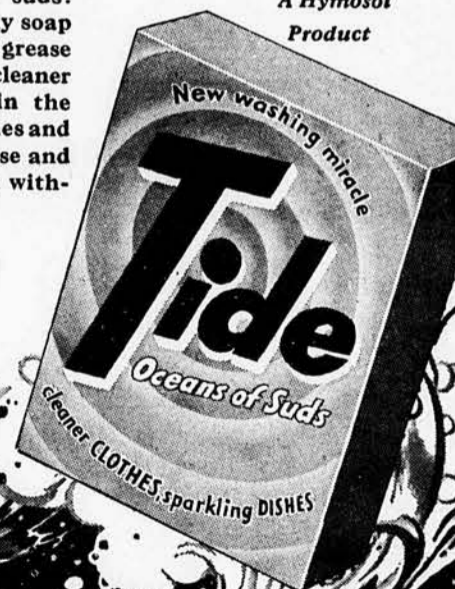
4. Gives more suds—

Prove it in your dishpan!

Kind-to-hands suds! Faster suds! Longer-lasting suds than any soap in *hardest* water! Tide cuts grease like magic . . . washes dishes cleaner than any soap! No scum in the water! No cloudy film on dishes and glasses! That's why they rinse and dry so *sparkling clear*—even without wiping!



A Hymosol Product



EXTRA miracles in hard water!

Yes, if you have hard water, Tide is a dream come true! Tide's performance in hard water is so amazing, you have to *see* it to believe it! Oceans of rich, long-lasting suds billow up instantly—even in *hardest* water. No water softener needed—Tide does it all!

TIDE IS A WONDER FOR CLEANING MILKING UTENSILS, TOO! QUICK! EASY! NO SCUM OR MILKSTONE!



For St. Patrick's Party

WHEN making these cookies, practice on 2 or 3 before you put them all in the oven. It takes a little skill in getting well-shaped shamrocks. To celebrate old St. Patrick, serve these at a party for the young folks.

- | | |
|-------------------------------|---|
| 2 cups enriched flour | $\frac{1}{2}$ teaspoon salt |
| 2 teaspoons baking powder | $\frac{1}{2}$ cup raisins |
| 1 teaspoon cinnamon | $1\frac{1}{4}$ cups hot mashed potatoes |
| $\frac{1}{4}$ teaspoon cloves | $\frac{1}{2}$ cup sugar |
| $\frac{1}{2}$ teaspoon nutmeg | $\frac{3}{4}$ cup corn sirup |
| | 1 cup fat |
| | $\frac{1}{2}$ cup chopped nuts |
| | 1 egg |

Sift, measure and resift the flour with the baking powder, spices and salt. Stir in raisins and nuts. Cream sugar, sirup and fat and beat in mashed potatoes. Combine mixture. Using a teaspoon, drop 3 mounds close together on lightly greased cooky sheet. Arrange a bit of dough for stem. Brush with slightly beaten egg and sprinkle with sugar. Bake in moderately hot oven (375° F.) for 20 minutes.

Green and white cardboard makes the hat for the centerpiece. Trim with green 4-leafed clovers.

News to You?

Always plan to have a green background for your flowers next summer. They will look far more attractive and you'll feel rewarded for your efforts. Blooming annuals may be banked against green shrubbery.

If you have never grown redhot poker, a perennial, you'll be surprised how effective it is in a clump against a vine-covered fence, or in front of banks of shrubbery.

Perennial phlox is one of the very best flowers to grow. It is hardy, comes in an unusually large assortment of colors and blooms for a long time.

Winter may be just the time to get the menfolks to build a trellis where you can plant a climbing rose, a clematis or an annual vine. An arbor with seats, or seats for an outdoor living room might be made now.

Keeping scissors sharp is important. Put an emory board flat on the inside

of the blade and go clear to the tip of the scissors with each stroke.

There is a new knife sharpener called the Robo. Any woman can use it with skill and precision, and the cutting edge on the knife is something a man would be proud of.

A potted cyclamen will bloom for several months if kept at a temperature of 65 to 68 degrees where it can get morning light. Never let the soil dry out completely while it blooms. When it starts to lose the leaves, allow the soil to dry and then store in a cool, dark, damp cellar to carry it over a second season.

African violets need a sunny window during the middle of winter, but can be put in the shade about the last of February. Let the soil get dry before watering, and then use water several degrees warmer than room temperature. Take care to get no water on the leaves.

The Cross and Crown



Religion provided the motif for this American quilt design. For the pattern with complete directions, write to the Women's Editor, Kansas Farmer, Topeka.

WAR!

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BUTTER-NUT GLASS JARS ARE REAL FRUIT JARS. SAVE THEM



Butter-Nut
"The Coffee"
DELICIOUS

A Country Woman's Journal

By MARY SCOTT HAIR

"I have not seen you, yet I know you well;
Your gentle ways, the depth of tenderness
You feel for little things, and I can tell
You have known sorrow and its power to bless
The meditative heart. Until the end
Of my life's span I'll think of you as friend."

—Addie M. Hedrick.

IT WAS the poet Shelley who asked in his poem, "If winter comes, can spring be far behind?" Winter came all right, and then we had an interlude of spring-like days when the robins and bluebirds returned, and the violets bloomed in the cart-wheel flower bed near the clothesline. On one of those heaven-sent days the poets write about, my kittens followed me out to hang out the washing and found fresh, tender sprigs of catnip which they rolled around over until they, themselves, smelled like the minty green leaves. I remembered sulfur-and-molasses days of long-ago and wondered if the kittens considered catnip a sort of spring tonic.

But spring was far behind! The violets were soon covered with icy sheets and tucked in with snowy blankets, one after the other until they must have smothered down under the frozen covers. The robins and bluebirds looked so cold as they fluffed out their feathers and huddled up in any nook that would provide shelter from the cold. My window-feeding shelf was kept well supplied with a variety of food . . . bread crumbs, cracked corn, small grain, cracked nuts . . . and birds came early and late to partake of the feast.

"Every mile is two in winter," George Herbert wrote, and how true that is, in more ways than one! I was experiencing that first restless period that comes with being shut in by ice and snow . . . most people feel that way, I think, at some time or other. Notes, cards and letters were all taken care of, tree decorations repaired and put away, my new gift aprons laundered for the first time. Spare-time activities were running low . . . I made two extra Raggedy Ann dolls and sewed their clothes by hand. Next I decided to see what I could do about some crocheted rugs.

But that's as far as I got. I had a telephone call from our state capitol, and first thing I knew I had a job! I know it sounds a bit back-woods to say "job" . . . perhaps I should say "position." Somehow that word just doesn't mean as much to me. When one needs employment for economic reasons or otherwise . . . and I did . . . I'm satisfied with a job!

The tempo of things was certainly speeded up after that! There was so much to do I hardly knew what came first. Dresses must be cleaned, hems lowered for the new look, a thousand-and-one things crammed into the time that was left. The Mister watched my hurried preparations with amusement. I'm one of those women who can hardly sew on a button without first pressing the garment so the ironing board became a permanent fixture in the living room. As I folded it up and put it behind the bedroom door that last evening I was home, the Mister sighed deeply and said, "Now, thank goodness, I won't be falling down over that ironing board every time I start into the living room!"

The first trip to the capitol was one I shall remember for a long, long time. It was one of those gray winter mornings which so often usher in a snow-storm, and that's just what happened. By the time we reached the lake country there was a thick blanket of snow on the timber. A stretch of rail fence, with cedar trees in the background, took on that Christmas-card look we knew not so many weeks ago. When we reached the capitol it was still snowing hard, the great soft flakes filled the sky until one could see only faintly the dim gray outline of the capitol dome.

The first thing I did after reporting for duty was to try to find some place to call "home," or at least some place

to stay all night. We telephoned hotels, boarding houses, homes listed on official lists as having rooms for rent only to be told over and over, "Sorry, the room was just taken." Despite the snow and ice the hotels were full of well-dressed folks from everywhere, attending conventions and things. Just when the situation looked hopeless, Mrs. Keane, the lady in whose office I work, said she had been thinking perhaps she'd offer to share her apartment with someone . . . would I be interested? I would!

We have a wonderful view of the river from our office windows on the fourth floor. In our spare moments we watched huge cakes of ice, resembling lily pads, go floating down the river. Our river is full of moods . . . one day it is gray and drab and the next day shining blue with whitecaps sparkling in the sun. I like the river . . . its going places!

Meanwhile, each day at the capitol is more interesting than the day before. People are friendly, always introducing you to someone they know and you, in turn, do the same. People speak to you on the street much as they do in your home town . . . after all, the capitol folks are from the surrounding counties and towns during "sessions." I have a long list of names that different people have given me and I hope to be able to look some of them up when we aren't so busy. Mostly they are names of friends' friends, relatives and other friendly folk who once lived in our part of the country or knew somebody who did . . . you know how that is, everybody wants to help in a strange town.

On our trips to the capitol the first of each new week and back home again at the end of the week, I've been watching eagerly for any signs of spring. "Winter lies too long in country towns, hangs on until it is stale and shabby, old and sullen," Willa Cather wrote. Half-melted snow, black with coal dust, gave even the neatest little towns a forlorn look. Only the crows seemed cheerful as they flapped black wings and stuck their bills into everybody's business.

I love to go window-shopping! Believe it or not, I was a city dweller for 2 weeks before I ventured out on the first half-pleasant, tho very cold afternoon. I needed to buy a small gift and some extra cards, so I made the chore a real adventure, going to a shop where the lovely potted plants and cut flowers gave me my first breath of spring. Then I looked at the Boy Scout handiwork exhibits in the store windows, saw the pretty spring dresses, bags, shoes and flower-covered hats.

Perhaps spring will come soon . . . it gets a little nearer every day. I am tired of winter!

The Farm Garden

Farm gardens are a source of wholesome food, and are annually saving millions of dollars for farmers. A well-cared-for garden will yield a greater return to the acre than any similar area on the farm devoted to regular farm crops. There are 67 pages in this booklet, "The Farm Garden," and 27 illustrations, and every page is readable as technical terms are not used. Some of the subjects covered are: Soil and location, fertilizers, lime, plan and arrangement, seed supply, transplanting, succession of crops, cultivation, irrigation, insects and diseases. The booklet, written by J. H. Beattie, senior horticulturist, Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, U. S. D. A., will be a valuable reference for the gardener. Please address a post card to Bulletin Service, Kansas Farmer, Topeka, for a free copy. Orders will have our prompt attention as long as the supply lasts.

Glows at Night

A highway or country road is a dangerous place for anyone at night. It's dangerous for both the person on foot and the motorist. Dark clothes are not much help in lighting the way on any road. For this reason, the Minnesota Lining and Manufacturing Company, St. Paul, is now making a unique material called "Scotchlite."

Millions of glass spheres, six thousandths of an inch in diameter, bonded permanently to a background of colored resin, make the glow in the dark.

Woman has abandoned the idea that her chief responsibility in life is to decide whether it shall be a nut or cherry on top of the salad.

—B. H. D.

is made in either cloth or plastic form and can be made into belts, arm-bands and hatbands. This is new and would be a safety feature for all those who must walk the highways at night. It can be sewn on the sewing machine, is durable, flexible and resistant to weather and water. It can be dry-cleaned or sponged with soap and water.

For the bicycle, the cloth comes in narrow strips with an adhesive backing. The strips can be cut the desired length and can be glued to the handle bar and the fenders.

o Clean Wallpaper

Commercial wallpaper cleaner may be purchased but it may be made at home too.

1 1/2 cups water	1 tablespoon
2 tablespoons alum	kerosene
	1/2 cup salt
2 1/4 to 3 cups flour	

Place water and salt in a kettle. Stir and heat until bubbles begin to appear on bottom and remove from stove. Add kerosene and alum. Add flour, stirring thickly to avoid lumps. Continue stirring until a smooth thick paste forms. Knead the dough until it is smooth and not sticky. It may be necessary to use a little less flour, since flours differ in their thickening qualities. Apply a small ball of dough to the soiled wallpaper with even strokes, working downward. Discard the dough when it has become soiled.

Gift for Baby



Now I Lay Me



7137

What to bring the baby? This lovely prayer panel to hang over his bed. A thoughtful, unusual gift, sweetest of nursery decorations. Cross-stitch and simple embroidery for the Child's prayer. Pattern 7137 has transfer 15 1/2 x 19 1/2 inches.

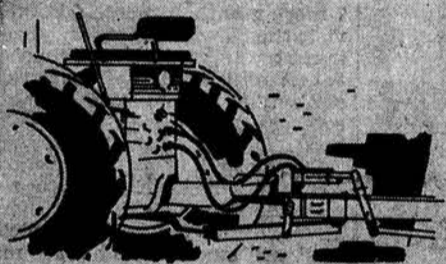
Pattern number 7137 may be obtained by sending 20 cents to the Needlework Editor, Kansas Farmer, Topeka.

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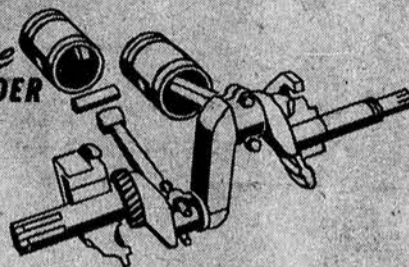
Exclusive two-cylinder design combines unequalled simplicity with greater strength. There are fewer parts to wear, cause trouble, and require eventual replacement. Parts are larger, heavier—they'll stand more punishment and last longer. Upkeep expense is bound to be less.

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In addition to these *exclusive*, field-proved advantages, John Deere offers you every modern tractor feature to

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speed up your farm work, do it better, and reduce fatigue at the wheel.

Cyclonic-fuel-intake engines deliver a smooth flow of eager, economical power and are available in your choice of gasoline or all-fuel types. High, centered seat is deep-cushioned and fully adjustable for maximum comfort. Narrow, tapered fuel tank provides an almost perfect view ahead and to either side from a natural, relaxed seat position. There's a speed for every job—a new "creeper" gear on the "B" for more efficient operation of power-driven machines. Platform is roomier and you can sit or stand without changing the seat position. Self-starter and lights are standard equipment.

Foolproof, quality construction with an *exclusive, automatic* crankcase ventilation system... *automatic* full-pressure engine lubrication... *automatic* thermosiphon cooling which requires no water pump, thermostat, fan belt... *automatic* oiling of transmission and differential... plus every other modern safeguard insure years of trouble-free performance.

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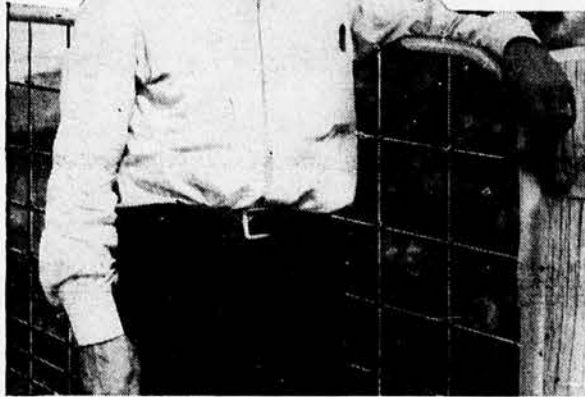
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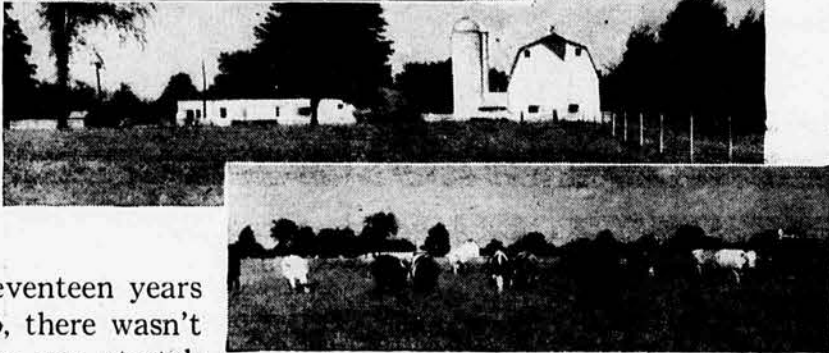
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"NEW FENCES Helped Bring This Farm Back to Life"



George Bieth
Avoca, Michigan



"Seventeen years ago, there wasn't even one stretch of woven wire fence on this 286-acre farm — just a few rotted-down fence rails. No livestock was raised and crop yields were low, due to over-cropping.

"A fencing program was then started and livestock was gradually added, along with legume pasture in the crop rotation. From that time on, crop yields began to improve. In 1946, corn averaged 70 bushels per acre — wheat, 45 bushels. These yields would have been impossible 15 years ago. Besides, the farm now carries 40 head of cattle and nearly a hundred hogs — another source of income. Good fences have paid on this farm."

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"The entire farm is fenced with Red Brand woven wire and Red Top steel posts — more than 560 rods in all. The fences are in excellent condition — good for many more years."

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Keeping the Family Well

By CHARLES H. LERRIGO, M. D.

FROM "Mother of Four" comes a nice letter. She has in her care 5 very precious lives. Will I suggest a book on family medicine? She wants to know just how to give protection at the first note of impending disease.

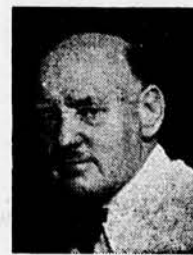
Well, 20 years ago I would. But not now—not now. There are other and better things. My mind goes back to my initial call on the Jep Hardy family (Jep for Jephthah). On the kitchen table I saw a bright-covered volume—evidently there for service. Books were not common in the farm kitchen of those days. Alice explained that it was a cookbook. She taught domestic science 2 terms and considered the book indispensable in family life. I stayed but a short time, for my visit was just to make sure that everything would be coming well in a matter of 7 more months. I made a much longer visit then—with quiet periods of waiting. It was gratifying to find such a fount of knowledge, accurate and attractive, available to young people setting out to raise a family—a cookbook.

The book laid a foundation of personal hygiene. A child trained to give scrupulous regard to the ceremony of scrubbing his hands before picking up food will save himself from many an infection. A parent imbued with the doctrine that peace and harmony—perhaps even merriment—are essential table manners, would not slow down the enzymes or upset the hormones so essential to the processes of nutrition. The little book gave the plain facts about vitamins, expatiating thru several lucid paragraphs that vitamins are not merely a product to buy at the drug store; even insisting that a person in good health, supplied with an abundance of well-selected foods, need give no more thought to vitamin deficiencies now than was given in well-fed families before vitamins were discovered.

Carrying a pleasant note of healthy scoffing at the food faddists, the pages

yet found space to tell exactly what the principal vitamins do, in what foods they are found, and how to prepare foods for eating without destroying them. Alice said that it was the only health book they possessed. I agreed that it was a good one and, containing so many pages of fascinating recipes, it was a daily help to a healthy body.

I left a clinical thermometer with Alice when I made my last visit. (Not for every mother would I leave one). I also brought her a Red Cross First Aid book and had her stock up with a rubber bag that would serve for hot water or ice as seemed indicated. A few antiseptics. Some germicides plainly marked in special containers. A small stock of sterile bandages for cuts and bruises and a genuine request that she use her telephone for prompt contact with the doctor. I doubt whether Alice or Jep ever bought a book on family medicine. They do subscribe to an excellent monthly journal issued for family use by the American Medical Association; and their doctor never has to disabuse their minds about the value of drugs, medicines, teas, lotions, powders and applications that helped our grandparents to live to the extreme old age of 60.



Dr. Lerrigo

Your Best Plan

I am 50 and by no means a well woman. Gall bladder attacks, shingles, neuralgia. Ankles swell up over my shoes. Knees and feet have sharp pains. Can hardly walk. Is there anything that can be done besides what your family doctor says?—R. J. M.

Advice by correspondence is of little value. A case with such complications must be carefully observed by doctors and nurses. I think your best plan is to go into a hospital for a period and let your family doctor have the help of specialists if needed. If this is out of the question, the next best thing is for your family to relieve you of all home responsibilities and give you a good domestic nurse while you rest up, thus allowing your body to have a chance to recuperate. At 50 the "change of life" may still be causing nervousness.

If you wish a medical question answered, enclose a 3-cent stamped, self-addressed envelope with your question to Dr. C. H. Lerrigo, Kansas Farmer, Topeka, Kansas. No charge to our subscribers for this service.

Adds To K. S. C. Memorial Fund



W. H. Princess Tone, a Hereford heifer that added \$1,000 to the Memorial Chapel fund at Kansas State College. The heifer was donated to be sold at the Kansas Hereford Association Sale in Hutchinson, by Mrs. Thomas Taylor and sons, Tom and John, of Great Bend.

Purchased first by Willis Kelly, Hutchinson, for \$500, the Princess was returned to the ring to sell again for \$500, this time to Aaron Sell, of the Royal Hereford Ranch, Stafford.

Pictured with Princess Tone are Paul P. Paney, manager of the Triple P Ranch, Mount Hope; Kenney L. Ford, Kansas State alumni secretary; Bonnie Woods, College Endowment Fund field representative; Kelly and John Taylor, Great Bend. Paney will have charge of the animal for Sell. Donations from the sale crowd added \$600 to the chapel fund.

* Hutchinson * Dodge City

... Entertain Farm Conferences; Standard of Excellence Units Announced

SINGING by choruses of home demonstration unit members provided an inspiration at Farm, Home, and Industrial conferences in Hutchinson and Dodge City, where low temperatures the week of February 9 to 14 limited attendance. Sub-zero temperature and snow caused cancellation of the conferences in Colby and Beloit.

The Hodgeman County Chorus, directed by Mrs. O. W. Lynam, made its first appearance at the Dodge City conference. Mrs. Gus Eichman is accompanist. Hodgeman had a county chorus as early as 1934, but the group disbanded during the war.

A triple trio, likewise composed of members of home demonstration units in Hodgeman county, also sang at Dodge City. In this group are Ora Lee Moore, home demonstration agent; Mrs. Rose Ford, Mrs. H. H. Colburn, Mrs. Lewis Rasmussen, Mrs. Don Bowie, Mrs. Lynn Ball, Mrs. Mike Gleason, Mrs. Leigh Newport and Mrs. Lawrence Nelson. Mrs. Charles Dressie sang with the group at Dodge City.

Songs of Other Countries

Numbers from a UNESCO pageant held last November in Garden City were presented by the Finney county Homemakers' Chorus in Dodge City. This group is composed of 24 home demonstration unit members with Mrs. Frank Crase, Garden City, as director. Songs of other countries were used by this chorus. A Russian dance was presented in costume by the Adams triplets, 15-year-old Jackie, Jane and Joan, daughters of Mr. and Mrs. J. D. Adams of Garden City. Mrs. Faith Stone, now emergency home demonstration agent in Lane county, assisted with the Finney county chorus UNESCO program in November.

At the Hutchinson conference, both the Harvey and Sedgwick county women's choruses sang. The Harvey county home demonstration unit chorus of 20 members is directed by Mrs. Henry Hayden, and accompanied by Mrs. E. J. Steiner. The chorus has been singing since its organization in September, and has appeared at achievement day and annual meeting programs, according to Grace D. Brill, home demonstration agent. This group is planning a special musical for May when members of the group will sing solos and special numbers.

A Youthful Entertainer

The Sedgwick county chorus of 30 members sang at the opening session in Hutchinson. Fred Mayer, head of the music department at Friends University at Wichita, is the chorus director, and Mrs. Gene Porter is accompanist. Mrs. Thelma Scott is president of the organization. Mrs. Laura Williamson is home demonstration agent in Sedgwick county. An 11-year-old Sedgwick county 4-H'er, Joanna Stein, daughter of Mr. and Mrs. W. A. Stein, gave a marimba-acordion number and dance at the conference.

Awards for meeting Standard of Excellence requirements by Central and Western Kansas units in 1947 have been announced by Georgiana Smurthwaite, state home demonstration leader.

Here Are Award Winners

Clubs in counties winning awards, and the number of years each has won an award include:

Decatur—Progressive Homemakers 7, Nimble Fingers 6, Harmony 6, A. B. C. 5, Three Prairie 3, Bassettville Homemakers 2, Graham—East Moreland 6, Fairview 4.

March Entertainment

A Bit O' Irish Fun
Easter Eggisibit
New Fashions in Easter

All of these leaflets were prepared to help our readers when entertaining, either for a St. Patrick's party, or an Easter party. Interesting suggestions in each leaflet for invitations, decorations, games and refreshments. Please address Entertainment Editor, Kansas Farmer, Topeka. Price 3 cents each.

Greeley—Horace 2, Tribune Young Women's 1.

Rawlins—Golden Rule 3, Union 7, Scott—Sunflower 4, Worthwhile Workers 3, Willing Workers 1.

Sheridan—Saline Valley 4, Bow-Creek 8, Midway 6, New Hope 2, Sheridan Home-Builders 6.

Sherman—State Line 4, Grant Homemakers 4, Crusaders 4, Beaver Valley 2, W. I. S. 6, U. L. S. 1, U. & I. 1.

Thomas—Liberty 8, Harmony 8, Faithful Few 8, Friendship 7, Sunflower 7, West Menlo Homemakers 5, Farm and Fireside 4, Rainbow 3, Happy Hour 2, Pride of the Plains 1.

Wallace—Sunflower 1, High Hope 2, Wichita—Better Homemakers 2, Sunnyside 2.

Clay—South Hayes 4, Four-Mile 3, Clover Leaf 2, Ever Ready 2, Ladysmith 1, Hayes Homemakers 1, Green 1, Lincoln Creek Merry Matrons 1, Grant Homemakers 1.

Cloud—Better Homes 3, Friendly Neighbors 2, Sunflower 2, Lincoln Center 1.

Dickinson—Indian Hill 6, Flora 5, Sand Springs 4, Homemakers 3, Hope 3, Woodbine 1, South Smoky 1, Abilene 1, Talmage Talent Users 1, Cheever 1.

Ellis—Pleasant Creek 2.

Ellsworth—Noble Homemakers 7, Better Homes 5, Clear Creek 2, Lorraine 2.

Jewell—Beaumont Circle 2, Country Cousins 2, Mankato 2, Progressive 1, Steuben 1, Jewell 1, Union 1, West Walnut 1, White-mound 1.

Lincoln—Merry Workers 2, Ever Ready 1, Osborne—Corinth Homemakers 9, Utopia 9, Cosmopolitan 8, Solomon Valley 7, Coronado 5, Northwest Corner 5, Covert 3, Bloomington 4, Natoma 1.

Phillips—Iowa Union 4, Champion Hill 3, Rooks—Hobart Homemakers 8, Stockton 7.

Russell—Fossil Creek 2, Hornview 2, Smith—Sunny Circle 8, 4-C 5, Wide Awake 3, Rainbow 1.

Barber—Pleasant Hill 8, Hazelton 8, Cedar 8, Homemakers 7.

Barton—Fort Zarah 7, Hustlers 7, Comanche 6, Rolling Green 6, Sunnyside 5, Albion Center 4, Bissel Point 4, Meadowlark 4, Great Bend 3, Riverside 2, Shamrock 1.

Harper—Cloverleaf 3, Corwin 3, Victory 2, State Line 1.

Harvey—Garden, Macon, Halstead (G. M. H.) 8, Macon Improvement 5, W. W. W. 5, Rural Rhythm 5, Darlington H. O. A. 4, M. N. D. S. 3, Friendship 2, Emma Happy Hour 2, Halstead 2, Pleasant Homemakers 1.

Kingman—Zenda 3, Alameda 2, Norwich 2, McPherson—Monitor 4, Worthwhile Workers 4, Roxbury Rustlers 2, Home Supreme 2, Busy Bees 1, Conway Co-Workers 1, Sunflower 1.

Pratt—Richland 7, Iuka 4, Glendale 3, Liberty 2, Hopewell 2, Twin Mound 1, Bunker Hill 1, Social Plains 1, Sawyer Sr. 1, Sawyer Jr. 1, Golden Valley 2.

Reno—Union Valley 7, M. Y. R. 7, Valley 7, Haven 5, Prosperity 5, Obee 5, Sylvia 4, Hayes 4, Lincoln 3, Progressive 1.

Rice—Ebenezer 8, Mitchell 5, Valley Homemakers 5, Farmineers 5, Sterling 4, Oakland 4, Worthwhile 2, Atlanta Achievers 2, Triumph 1, Loyal Lyons 1, Sunshine 1, Pollard 1.

Sedgwick—Enterprise 5, Jayhawk 5, Pleasant Valley 5, Prairie Gem 5, Valley 5, Andale 4, Independence 4, Sunshine 4, Waco 4, Gypsum 3, Viola 3, Victory 3, Greenwich 2, Mount Hope 2, Sunflower 2, Happy Day 2, Bentley 1, Grand River 1, Searchlight 1.

Stafford—Radium 5, St. John 4, Friendly Neighbors 3, Hudson Homemakers 3, Lincoln 3, West Cooper 3, Livingston 3, New Hope 1, Peace Circle 1, Kennilworth 1, Busy Bee 1.

Sumner—Perth Progressive 3, South Haven 3, Rome Victory 4, Neighborly Neighbors 2.

Clark—Sunflower 3, Searchlight 2, Better Housewives 1.

Comanche—Harmony 5, Sunnyside 3, Twin Hill 11, Better Homes 2, Happy Hour 2, Merry-makers 1.

Edwards—Better Homes 6, Jayhawk 6, Kinsley 5, Trousdale 4, Sunnyside 3, Lincoln 1, Sunflower 1.

Ford—Bucklin Farmerettes 9, A. G. & E. 6, B. H. & B. H. 8, Wilroads Gardens 5, Sunny South 5, Friendly Valley 4, Worthwhile 3, Hopewell Community 1.

Grant—Prosperity 4.

Gray—Blue Light 1.

Hamilton—Ebenfleur 2, Richland 1, Syracuse 1, Pollyanna (Coolidge) 1.

Haskell—Satanta 5, Lakeview 4.

Hodgeman—Four-Square Homemakers 5.

Kearny—Southwest Kearny 7, Community Builders 5, Stretcheer 4, Lakin 4.

Kiowa—Goldenrod 6.

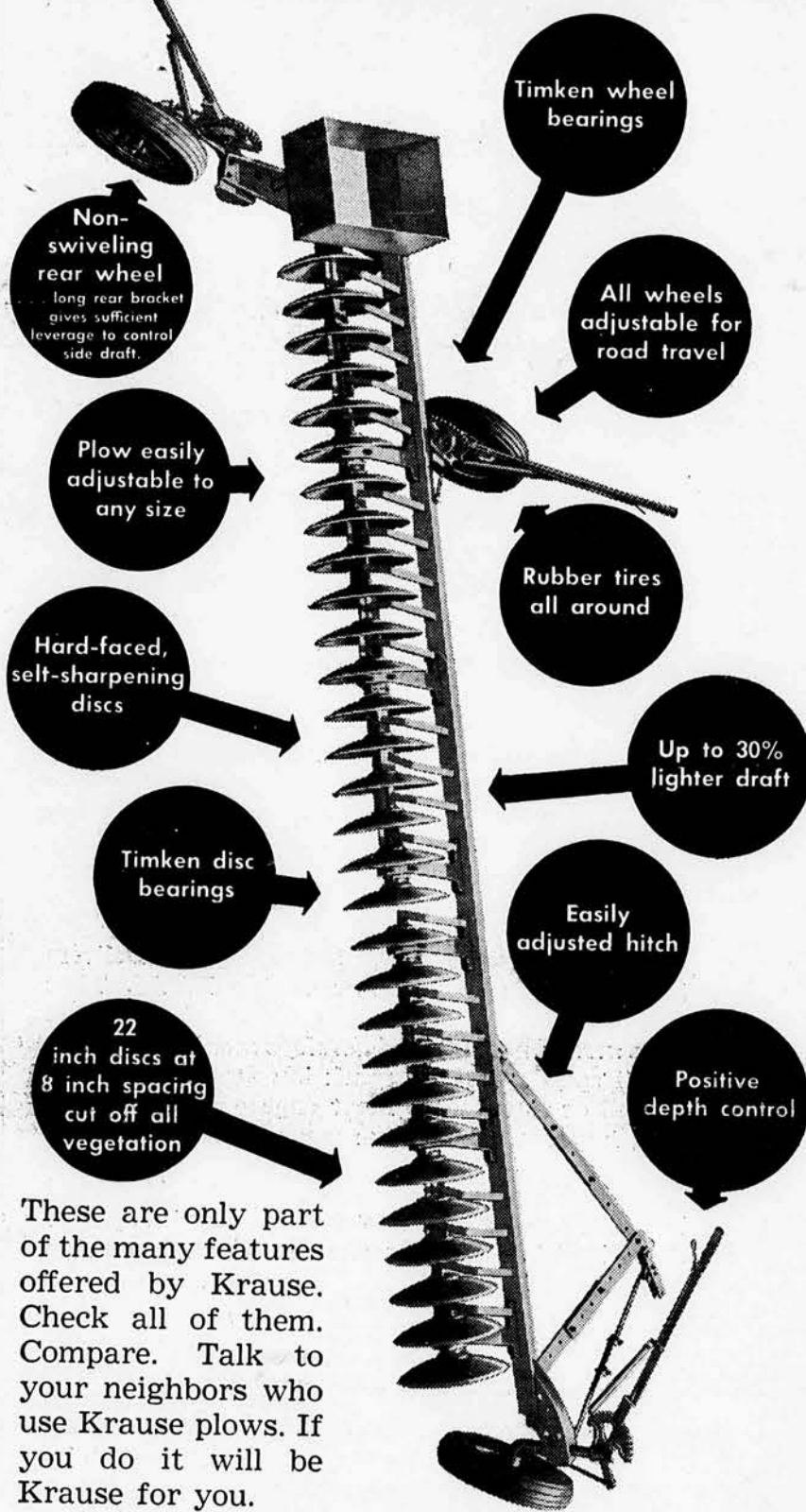
Lane—Cleveland 3, Wilson 1.

Pawnee—Garfield Progressive 9, Walnut 9, Ideal Homebuilders 7, Merry Matrons 5, Zook Community 8, Sanford 3, C. I. C. 5, Lincoln Banner 3, Conkling 3, South River 3, Home Improvement 3.

Rush—Hopewell Neighbors 5, LaCrosse Community 4, Sunshine 5, East Brookdale 3, Sunflower 2, Better Homes 2, Gay Gingham 2, Alexander Progressive 1, Merry Home-maker 1.

Stevens—West Center 7, Pleasant View 8, Sunflower 4, High Point 7.

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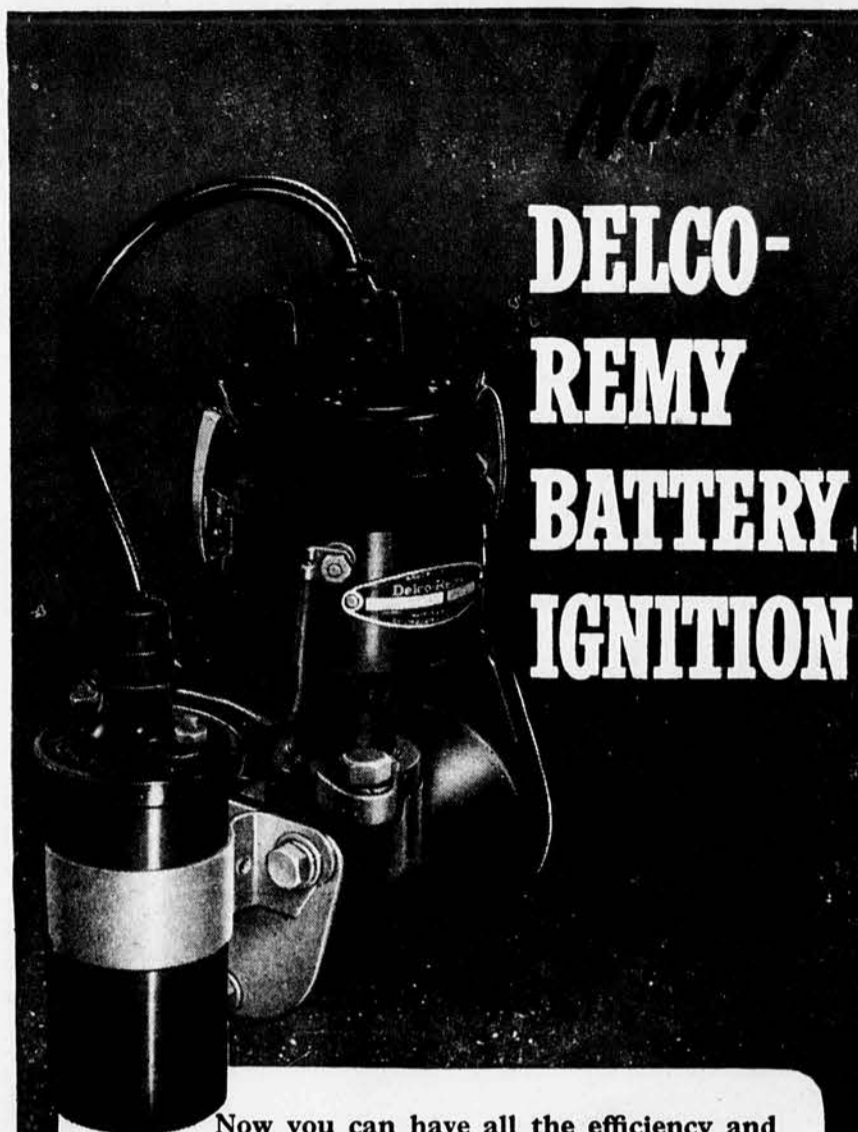
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DELCO-REMY

Livestock Association Meets In March

ATTENTION will be focused on the state's largest farm income producer when some 800 members of the Kansas Livestock Association meet in Topeka March 9, 10 and 11 for their annual convention. Problems of livestock production and marketing will be discussed during various sessions of the convention by nationally known authorities in the livestock field.

The annual luncheon and meeting of the board of directors will open the convention Tuesday, March 9. Scheduled for the same day will be the annual meeting of the executive committee, and the meeting of the resolutions committee.

The general session will begin Wednesday morning with a discussion of "Available and Potential Feed Supplies," by H. L. Collins, federal-state statistician. "Economics of Production and Feeding," will be the subject of a talk by Dr. A. D. Weber, head of the Department of Animal Husbandry, Kansas State College, and Walter C. Berger, president of the American Feed Manufacturers Association, Chicago, will discuss, "Conservation of Grain Feeds."

Transportation and marketing of livestock products will highlight the Wednesday afternoon session. Transportation of livestock will be the subject of a talk by Conlee Smith, vice-president and general manager of the Wichita Union Stock Yards, and M. J. Cook, chief, Packers and Stockyards Division of the U. S. Department of Agriculture, will explain various channels of marketing. Concluding the afternoon session will be an explanation of the problems of allocating meat supplies by R. J. Eggert, associate director of marketing, American Meat Institute, Chicago.

Even Beats Oil

The over-all importance of this program is emphasized by the fact that year after year livestock in Kansas produces more income than grain crops. Yes, it even produces more farm income than oil. In 1946 total livestock income in this state was in excess of 483 million dollars. And then about 6 million head of livestock remained on Kansas farms, accounting for 25 per cent of the state's total personal property tax return, exclusive of corporations.

Cash receipts from livestock the first 11 months of 1947 amounted to \$571,601,000, considerably more than even our record wheat crop of 1947.

Political and economic trends as they are related to the livestock industry will headline the Thursday program. Milton S. Eisenhower, president of Kansas State College, will review the European situation and its relationship to our livestock industry in

the opening meeting of the day. Other program features on Thursday will be a discussion of Congress and the livestock industry by C. L. Farrington, National Livestock Exchange, Indianapolis, Ind., and an explanation of the effect of political and economic thinking in an election year will be given by Grover B. Hill, president of the Intermediate Credit Bank, Wichita.

The annual Livestock Association banquet will be Thursday evening. Greetings will be extended by Gov. Frank Carlson, and W. Laird Dean, president of the Merchants National Bank, Topeka, will be the dinner speaker.

An Exciting Auction

A registered Shorthorn heifer and a Palomino filly will be auctioned off at the banquet for the benefit of the State 4-H Club camp. The Shorthorn heifer will be from the Jim Tomson herd, Wakarusa, and the Palomino will come from the Herb Barr Ranch, at Leoti.

Mr. Barr is vice-president of the association. Other officers are Fred W. Heine, Lucas, president; Will J. Miller, secretary-treasurer, Topeka; and H. E. Floyd, director of public relations, Topeka.

Study Tractor Care

The 1948 tractor maintenance clinic for 4-H Club members will be held April 5, 6 and 7 in Hutchinson, it is announced. John B. Hanna, assistant state 4-H Club leader, is in charge of the tractor maintenance activity, with John M. Ferguson, head of the department of extension engineering, taking the lead in putting the program to work thru leaders who are trained at the clinic.

About 1,137 club members in 79 U. S. counties last year took part in the tractor maintenance program. This work is sponsored by the Standard Oil Company. Clyde Schinnerer, of Garden City, was the Kansas champion last year.

Kansas Belongs

The 1948 National Poultry and Turkey Improvement Plans conference will be held at the Statler Hotel, in St. Louis, Mo., June 26 to 29, states M. A. Seaton, Manhattan, official contact agent in Kansas for the Bureau of Animal Industry.

This National Poultry Improvement Plan was formed in 1935, and now is the official poultry improvement program in 47 states. All 47 of the states will have official delegates at the conference. About 70 per cent of the hatchery capacity in Kansas now is operating under the plan, Seaton adds.

Tomson Shorthorn Aids 4-H Camp



Three generations of James G. Tomsons, of Wakarusa, are shown here with Cloris Queen 5th, a May, 1947, registered heifer from the famous Jim Tomson Shorthorn herd. Mr. Tomson sold a full sister to this heifer in his last spring sale, to Elcona Farms, Elkhart, Ind., one of the leading breeding firms of the country. This heifer shown here has been donated by Mr. Tomson to be auctioned off as a feature of the annual Kansas Livestock Association banquet, to be held in Topeka, March 11. Proceeds from the sale will go to the state 4-H Club camp.

Saline County Farmers Make Good Showing



Saline county soil-conservation winners. Left to right: Carl Sundgren, Assaria, county 4-H winner. Farmer winners are: Amos Ryding, Falun; W. Carl Johnson, Salina; H. E. Winslow, New Cambria; Raymond House, Brookville; Harry Melander, Mentor, and George Geiger, Salina, banker representative.

SIX Saline county farmers received the Kansas Bankers Association certificate of award, February 5, being outstanding in the soil-conservation program in 1947. The occasion was the annual meeting of the Saline County Soil Conservation District, held at Salina, according to W. E. Gregory, county agent. Farmers receiving the awards were: Amos Ryding, Falun; W. Carl Johnson, Salina; H. E. Winslow, New Cambria; Raymond House, Brookville; and Harry Melander, Mentor.

Carl Sundgren, of Assaria, received the 4-H soil-conservation award for Saline county.

Supervisors of the Saline County Soil Conservation Service are: Chester Peterson, Falun, chairman; Carl Doud, Silver, vice-chairman; Glen Gillum, Gypsum; W. Carl Johnson, Salina; and Herman Will, Salina.

The county committee on soil-conservation awards was composed of W. E. Gregory, county agent, chairman; Chester Peterson, chairman of the Soil Conservation District; S. H. Stephenson, vice-chairman of P. M. A.; Theodore Buhler, president of the Saline County Farm Bureau; Jay Payne, conservationist; and Howard Engle, county key banker.

Farmers who received awards in 1946 in Saline county were: Elmer L. Hanson, Smolan; William Schwarz, Gypsum; Theodore Buhler, Assaria; Carl E. Peterson, Assaria; Vincent Jordan, Solomon. Those who received awards in 1945 were: Chester Peterson, Falun; Carl Doud, Culver; Charles and Schneider, Salina; Hubert Redden, Gypsum; A. B. Nelson, Gypsum; Cliff Seusy, Bavaria; and Frank Komar, Bavaria.

During the year the district provided services of Jay Payne, work-unit conservationist; Francis H. McKown, conservationist; and Marion Keeler, conservation aids.

The Extension Service, Saline County Farm Bureau, and the Production and Marketing Association assisted the district in carrying out its educational program.

Ninety-two requests for assistance were received from farmers and landowners of the county during the past year by the Saline County Soil Conservation District. These requests represent nearly 29,000 acres and bring the total applications received to date to 305, or 18 per cent of the county acreage.

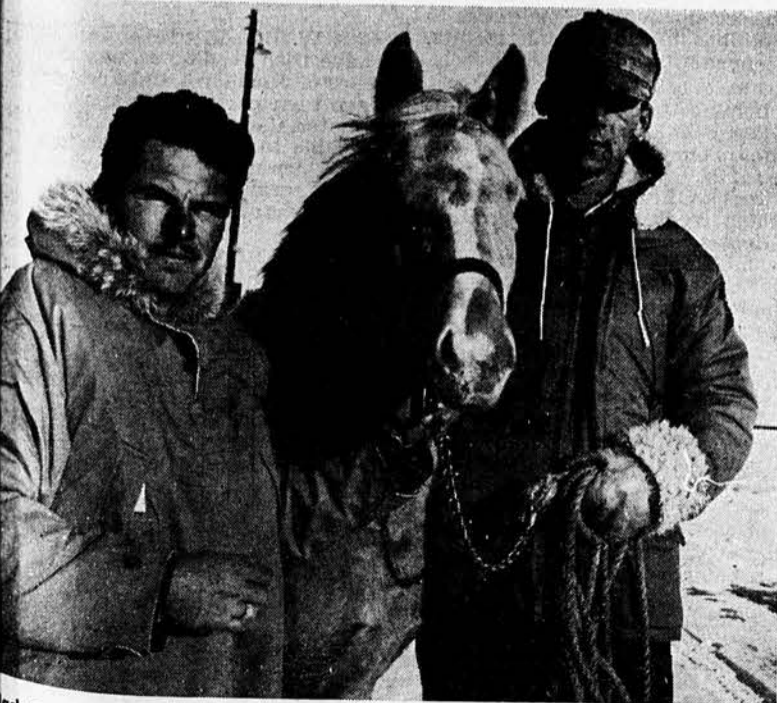
Last year complete soil-conservation plans were developed on 88 farms with the help of technicians. A drainage system was developed and constructed to remove excess surface water from cropland soils. One community drainage system was developed by mutual agreement among 6 farmers and landowners, benefiting 600 acres. About 15,000 cubic yards of dirt were excavated in the 3 miles of ditches. Additional drainage ditches were laid out and constructed on 36 other farms, providing adequate drainage for 3,600 acres.

One of the outstanding accomplishments of the year was seeding about 80 acres of terrace outlets and watercourses to brome and intermediate wheat grass during the fall planting season. The work was done on 20 individual farms.

Satisfactory results have been obtained the last 3 seasons from seeding buffalo, blue grama, and bluestem grass for permanent pasture. More than 200 acres were planted last year on 14 farms.

Seventy miles of terraces were constructed during the year, bringing the grand total to 150 miles. Thirty-eight farm ponds were constructed, and 14,600 trees planted in windbreaks and shelterbelts on 32 farms. This is a good record.

Barr Palomino Sells for 4-H Club



Jack Barr and Bill Barr, of Leoti, are shown here with the Palomino filly which they and their father, Herb Barr, have donated to be auctioned off as a feature of the annual Kansas Livestock Association banquet, to be held in Topeka, March 1. Proceeds from the sale will go to the state 4-H Club camp. The grand sire of this filly is Robin Hood, owned by Gene Autry and featured in Hollywood, Madison Square Garden, London, Dublin and Liverpool. He is known as the world's most famous Golden Horse. This filly is a beautiful animal.

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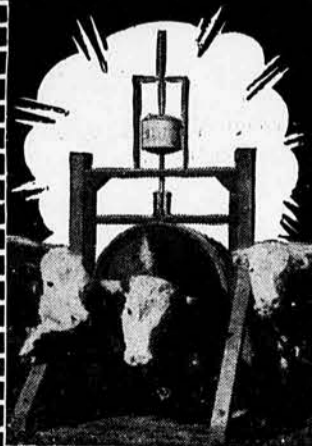
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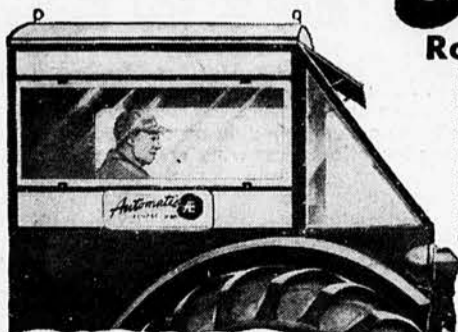
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The Editor's Notebook

By **RAYMOND H. GILKESON**

I TALKED to Herb Barr, of Leoti, a few days ago, about the Palomino filly he has donated to help improve Rock Springs Ranch, our state 4-H Club camp. He is an enthusiast about the Golden Horses. But he is equally fervent in his praise of 4-H Club work.

"I feel that 4-H Clubs are doing more to promote character, and future successful farmers and housewives, than any other organization or project in the state," Mr. Barr said.

"The culmination of their goal pertaining to Rock Springs Ranch, near Junction City, is so important to the future of our rural youth, that we all should do our utmost to put this project over in the manner characteristic of Kansans, namely getting a job done well, now."

Mr. Barr is a former 4-H Club leader in his community. And this being National 4-H Club week, his expression of appreciation is very timely.

A very exciting 30 minutes is promised at the annual Kansas Livestock Association banquet, to be held in Topeka, March 11. As a feature of this program, an outstanding registered Shorthorn heifer from the Jim Tomson herd, at Wakarusa, and the Palomino filly from the Herb Barr ranch, at Leoti, will be auctioned off. Both animals have been donated, the money to go to the 4-H Club Camp. Anyone interested in good livestock is bound to be highly entertained at this auction. I find that business men, interested in the camp, are going to be on hand for the bidding.

James Tomson, Jr., of Shorthorn and hybrid-corn fame, stopped in the Kansas Farmer office the other day, to show his enthusiasm for this coming auction. Also, he hopes Kansas realizes the importance of the livestock industry. I think many folks do. But just to get the facts again, read what Ed Rupp wrote in this issue in "Livestock Association Meets in March."

The shortage of hospitals, doctors and nurses is serious—will remain so for too long in the future. For the latest information along this line, be sure to read Dick Mann's "But There Is Hope," in this issue.

While this shortage exists, with people suffering from lack of medical care, Dr. Karl Menninger, world famous for his clinic in Topeka, says: "With the 2 billion dollars the atomic bomb cost, medical science could conquer every disease from the common cold to the cancer. It's not even as tough a problem as creating the atomic bomb." This statement was in an address made before the Hollywood Academy of Science, and reported by the Associated Press. Seems easier to spend billions to blow people to bits, than to spend it to keep them whole.

For helping unfortunate little children become as nearly normal as possible, we tip our hat to Ruth McKinnis, director of the Capper Foundation Center, at Topeka. In her opinion, the children being treated there are getting more than any similar group.

Miss McKinnis has made personal observations at every important center for crippled children in the entire country. She does not recall any other place where handicapped children are getting physical therapy, speech correction, occupational therapy, and school 5 days in the week; and in addition almost constant supervision by a trained staff from the time they get up in the morning until they go to bed at night.

Albert McCallon, a former member during the war of the 5th Armored Division but now an employee of Barton's Hatchery, Burlington, is taking a new interest in glories of Kansas.

"I was surprised during the war," said Mr. McCallon, "to hear so many guys in my outfit brag about their home states, and to realize how little I knew about Kansas. We even had fellows from the state of Washington who claimed that state was the leading wheat-producing state in the nation. When I got back home from service I immediately started getting all the information I could about Kansas and

this state's advantages. Some day I hope to visit all the points of interest in the state and never again will I be caught not knowing at least some advantages. We Kansans do too much apologizing and not enough bragging."

While attending the annual meeting of the W. K. D. A. at Hays, Dick Mann, associate editor of Kansas Farmer, reports having an interesting visit with Dr. F. Melton Butler, of Seattle, Wash. Doctor Butler is a dentist who always has been intensely interested in research. Two years ago he suffered an auto accident that forever prevents him from practicing dentistry. Undaunted, he merely transferred his efforts to research.

This interest on the part of Doctor Butler led him to Hereford, Tex., where a local dentist some years before had discovered that people living in that area had fewer holes in their teeth than folks living anywhere else in the United States. (Kansas Farmer reported that story at the time.) At first this was thought due to fluorine in the water, but later was questioned.

It now is believed by Doctor Butler, and others, that this freedom from tooth troubles is due to one or more trace elements in the soil.

With this in mind, Doctor Butler joined several other men to form the Nutritional Research Foundation. A budget of about \$100,000 a year was set up for research. An experimental farm is being established near Hereford, and will be staffed with experienced farmers. The foundation will utilize these men and industrial laboratory facilities to make intensive tests of all soils, food and products produced in the area. "When we find the answers," says Doctor Butler, "we believe it will be possible to wipe out dental decay anywhere in the U. S. merely by treating the soils of the area."

Doctor Butler claims all of us need 18 protein acids found in grains to maintain good health, and that we need these acids daily. No one grain contains more than 12 of these acids, he says. So it is vital to mix our grain consumption by eating bread and cereals made from grains other than wheat.

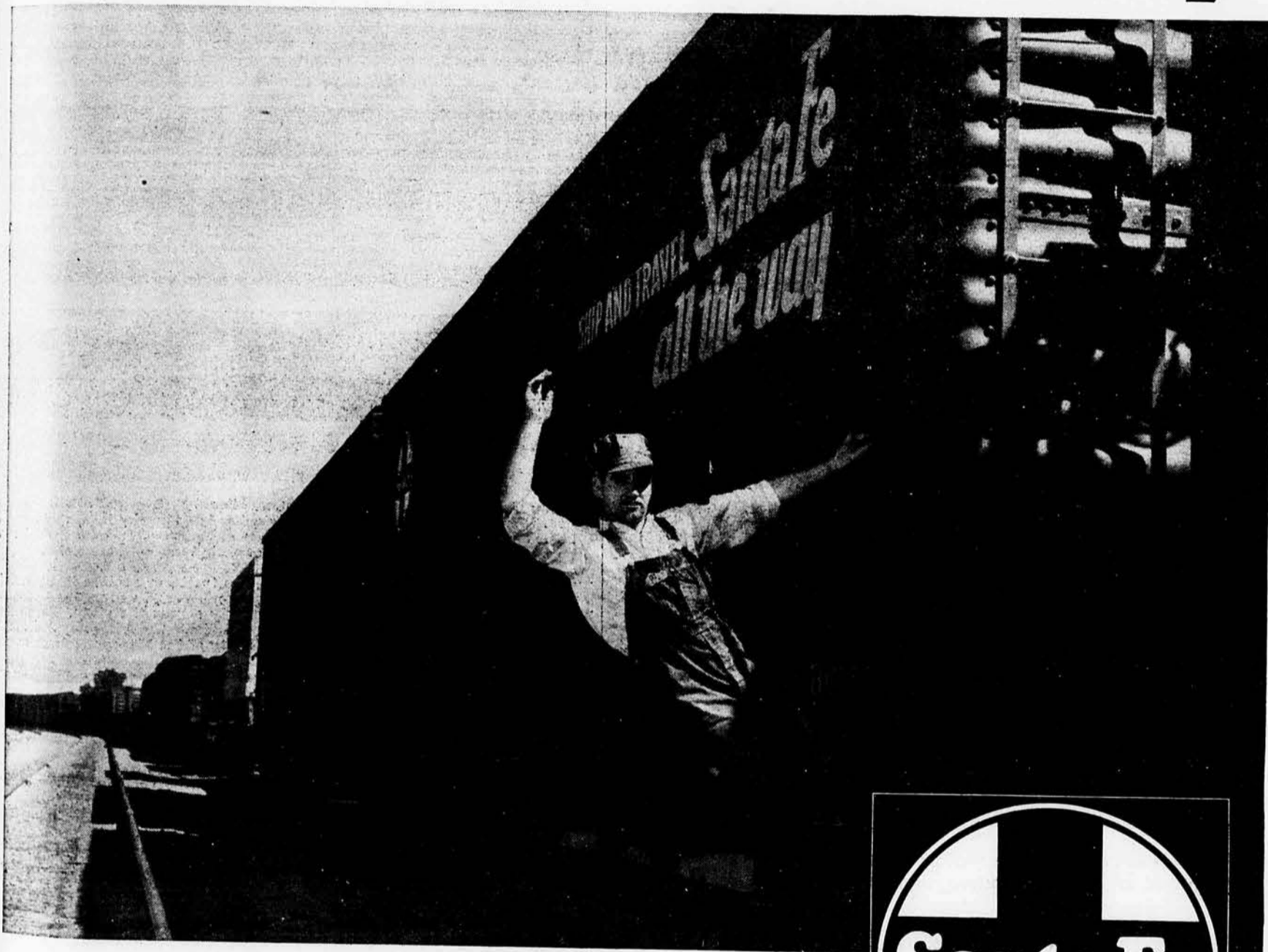
Dick was interested to note that Doctor Butler carries little envelopes of wheat germ with him constantly. These he adds to cereals such as oatmeal and corn flakes. He also advises leaving out the sugar on cereals. "After a few months you will learn to know the true taste of the cereals (without sugar) and will like them better," he adds.

Carl W. Romer, of Admire, writes: "I have been reading Kansas Farmer (issues of January 3 and February 7). I have been particularly attracted by the material on grass silage. This is as applicable to dairy goats as to dairy cattle, since many grade-A goat dairies have sprung up whose herds number in excess of 100 animals. These animals produce, in the heaviest flow of milk, from 1 to 2 gallons daily per goat." Mr. Romer is editor of the American Dairy Goat Year Book.



"Would you mind taking off your shoes? I heard mom say you were getting crow's-feet!"

What we mean when we say **Santa Fe all the way**



Santa Fe is the only railroad operated under one management all the way between Chicago and California, and between Chicago and Phoenix.

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To you, as a shipper, Santa Fe all the way means a *controlled shipment* of your freight at all times. We know when it left its point of origin, when it is due to arrive at its destination, and through fast and accurate car reporting and our private telephone system (world's largest), we can tell you where it is at any time en route.

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You get the benefits of continuous improvements in freight service. We are operating a number of through freight trains on regularly scheduled, fast runs, and in as many as four sections, when the traffic warrants.

We are using radio to make yard operations



more efficient. New types of freight and refrigerator cars, rolling on roadbed groomed by our ingenious new ballast-cleaning machine, will give your shipments an easier ride.

Route your next shipment—or make your next trip—via "Santa Fe all the way." That is the best possible way to judge the results for yourself.

For details on how we can serve you, see your Santa Fe representative.

T. L. BOTHWELL, General Freight Traffic Manager
Santa Fe System Lines, Chicago 4

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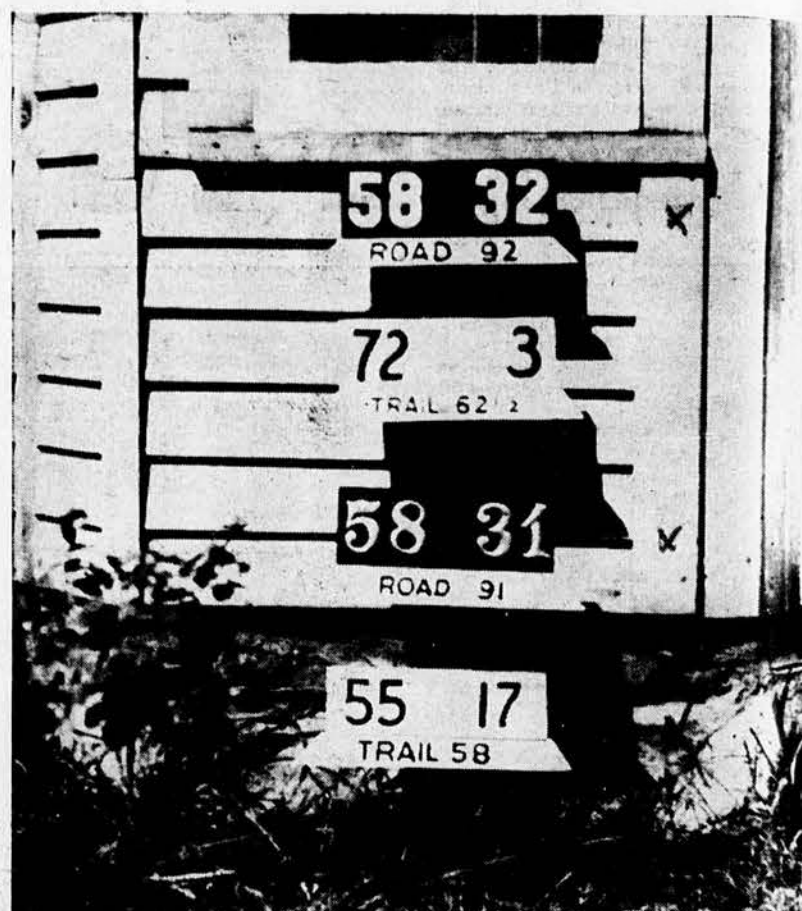
Figures are based on 2786 competitive yield checks made in 12 states over a period of 9 years. Genuine Pfister Hybrids WIN 82.7% of the time. And they average 10.7 bushels MORE SHELLED CORN per acre! Ask your P.A.G. dealer to help you select the Genuine Pfister Hybrids that are WINNERS in your locality. Call him today!

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In Kansas: Missouri Pfister Growers, Inc., Princeton, Mo.

A Street Number For Your Farm?

This Road-and-Trail Idea Might Work



Under the R & T (Roads and Trails) System, offered by George C. Hall, Topeka, every farm home would carry a house number just like city homes and could be as easily located. This picture shows some of the sample numbers which Mr. Hall believes farmers would post at their farm entrance gates.

HAVE you ever wondered whether it would be possible to mark the exact location of every farm home like city houses are identified by street numbers?

It is possible now, of course, to locate a farm by giving the legal description, or by giving the directions to the nearest town. But legal descriptions are not generally understood. And under present methods it would take a book to give the exact location of your farm from every other given point within the state. Often it is difficult for strangers to find a farm home at all. Many times farmers holding sales or offering valuable livestock or seed for sale lose business because prospective buyers cannot locate the farm.

For instance, you start out from your farm or town to call on a farm whose location has been given as 10 miles north, 2 miles west and one-half mile south of Jonesville. Unfortunately, you cannot tell when you are 10 miles north of Jonesville since you came from the opposite direction. Many times it is necessary to drive the 10 miles into Jonesville, then back-track 10 miles to the point of turnoff. This gives you some idea.

All this leads up to the fact that we have found a man who claims to have the answer. He is George C. Hall, formerly of Valley Falls and now of Topeka. Mr. Hall once published a newspaper at Valley Falls, and he relates what difficulty farmers had when putting sale bills in his paper. They just couldn't give a farm location that everybody could find, he said.

Starting out to find the answer, Mr. Hall put in 30 years of study and now has a system perfected and copyrighted. He calls it the R & T (Road and Trails) System and claims that by using it, any farm entrance can be located more easily than a city home.

Briefly, the system uses all section lines running north and south or east and west across the state. All north and south lines would be designated as roads, and all east and west lines as trails.

Based on the U. S. Survey, all north and south lines across Nebraska, Kansas and Oklahoma have the same numbers thru all 3 states. These numbers indicate the number of miles east or west any section line happens to be from the sixth principal meridian from which all surveys of the 3 states originate.

The trails, or section lines, running east and west, have uniform numbers entirely across the state. These numbers indicate the miles any section line is south of the Kansas-Nebraska state line, which is the base line for all surveys in the 2 states.

Each section of land, under the R & T System, would be known as a "mile block" and would take its number from the section line nearest the meridian or base line. The mile block also would be divided into 32 equal parts, 16 on each side of the highway, with odd numbers on the south and west sides and even numbers on the north and east sides of the highways. Numbering would begin on the end of the mile block nearest the base line or the meridian, as the case may be.

In Eastern Kansas, says Mr. Hall, numbering would begin on the west side of the section for an east-west road, and would begin on the north side of the section for a north-south road. In Western Kansas (west of the sixth principal meridian) farms on east-west roads would be numbered from the east side to the west. Those on north-south roads would be numbered from the north side of the section toward the south, just as in Eastern Kansas.

The farm house number would be made up of 2 parts, explains Mr. Hall. The first part would be the number of the mile block in which the farm is located. The second part would be the division of the mile block in which the main entrance to the farm house is located in relation to a public road. In writing or printing the number, the 2 parts would be separated by a dash.

Another New Play

"The Spirit of Our Forefathers," is somewhat different from other plays, and very interesting. The cast consists of a reader, a soloist, and the following in costume: Pilgrim woman and child; Puritan woman and spinning wheel; Indian maiden; Old-fashioned girl; Negro Mammy and baby; pioneer woman. The reader and soloist do all of the speaking and singing parts, the rest being in pantomime. For copies of the play, please address Entertainment Editor, Kansas Farmer, Topeka. Price 5c each.

ch as 47-17. Underneath this would be given the road or trail number. In other words, your number, posted at the entrance gate, might read like this: 58-32, Road 92; or 72-3, Trail 1/2. The road or trail number would tell a stranger on what highway he is traveling. The mile block number would tell him where your farm is located. And the final number would tell him where your gate entrance was located from the corner of the section. Success of the system, of course, would depend on having proper road and trail markers at every crossroads, and maps showing by numbers all section lines as roads or trails.

Mr. Hall believes that if farmers started using such numbers the maps and crossroads signs would follow. Already he has launched a campaign in Eastern Kansas counties to install the complete system of markings during 1948. Counties in which the system will be tried, he reports, include Douglas, Osage, Jackson, Jefferson and Lawrence.

Mr. Hall personally hopes to profit from the sale of maps and house numbers, but says he is more interested in establishing once and for all a definite system of farm location within the state. He also is working on plans for additional states but wants Kansas to be first. Mr. Hall owns and operates the Hall Map and Directory Co., at Topeka, and further information on the project could be obtained by writing the company.

Coming Events

March 6—Clay county 4-H Club day.

County winners to be chosen to compete in county 4-H Club day at Abilene, March 27.

March 8-11—National convention Farmers Union, Denver, Colo. Kansas Farmers Union will be represented by E. K. Dean, former president, Salina; E. T. Fortune, state president, St. Marys; Fred Meek, manager, Topeka; David W. Dierauer, St. Marys.

March 9—Jewel county agricultural economic meeting. C. R. Jackard, K. S. C., leader.

March 13—Jefferson county 4-H Club festival, Ozawie, high school, 7 p. m.

March 20—Montgomery county 4-H Club day.

March 27—Cheyenne county. District 4-H day, St. Francis, high school, 9:30 a. m. to 4 p. m.

April 1—Farm equipment meeting, conducted by Walter Selby, Fort Scott.

April 3—4-H district judging school, Lincoln.

April 3—F. F. A. dairy cattle selection school, Topeka.

April 3—Labette county district 4-H Club day at Parsons.

April 3—Osage county 4-H Club day and festival, Lyndon.

April 3—Barton county 4-H clothing judging school, Great Bend.

April 3—F. F. A. Livestock selection school, Lewis Farms, Larned.

April 3—Montgomery county. Sub-district festival, 5-county meeting, Altamont.

April 3—Wichita county home furnishings meeting, Vera Ellithorpe, KSC Extension specialist, leader.

April 3—Lincoln county Hereford breeders spring show and district 4-H judging contest, Ed Goldgrave farm 5 1/2 miles north Sylvan Grove, 10 a. m.

April 5—Woodson county poultry meeting, A. Seaton, leader.

April 6—Lyon county farm and home management meeting, Griffith and Myers, leader.

April 7—Northeast Kansas F. F. A. public making contest, Effingham.

April 8—M. A. Seaton will make a series of poultry flock visits in Bourbon county on poultry management.

April 8-9—Hays, an agricultural, industrial and science conference, at Fort Hays College. Co-operating are: Western Kansas Development Association, Kansas Industrial Development Commission, Kansas State Farm Bureau, Kansas State College and Kansas State Chamber of Commerce.

April 9—Outlook meeting, Clay Center.

April 9—Mitchell county rural life meeting, Velma McGaugh, leader.

April 9—Nemaha county-wide beef tour meeting, Sabetha.

April 9—Scott county clothing school for leaders, Naoma Johnson, leader.

April 10—Marshall county 4-H day.

April 10—District 4-H festival, Hays.

April 10—District 4-H Club day, Hays.

April 10—F. F. A. livestock selection school, Moxley Hall Ranch, Dunlap.

April 10—Eastern Kansas sub-district 4-H festival, Wamego high school, 9:30 a. m.

April 12—District publicity school, Osage.

April 12—Scott county. Meeting on 4-H activities, Glenn M. Busset, leader.

April 12—Meeting on use of farm equipment in maintaining soil conservation, Fort St.

April 12—Lyon county livestock and insect control program and demonstration, E. G. Kelly, leader.

April 13—Quality egg program, Clay Center Farm Bureau hall.



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Goal Is 20 Million Gardens

By W. G. AMSTEIN, Kansas State College

IT IS just about open season for gardens. America's home gardeners are being asked to help make 1948 the biggest food-production year in history. Twenty million "Freedom Gardens" is the goal for 1948. Every Kansas farm and town family with a good garden will help reach this goal.

A good garden is valuable, measured in improved health and nutrition provided the family. This program will supply high-quality products in season and a surplus for canning, freezing or other types of storage.

In your garden plans try to include more than vegetables. Certain fruits, especially strawberries and sour cherries, are worth considering in most locations. Likewise, do not pass up the phase of gardening that improves our surroundings. A few flowers and trees, a lawn, a windbreak or shelterbelt and foundation plantings all are part of a needed garden plan. Food is important, but beauty for the soul needs always to be remembered.

Nutritious, well-adapted crops should be considered first. Don't waste space or time on poorly adapted or luxury crops. Tomatoes, Irish potatoes, beans, root crops, cabbage and leafy vegetables are the type of crops best adapted and most needed.

Watch These 10 Points

Some points that will help guarantee success of a garden are: 1. Early preparation of the garden site. Use manure, lime and phosphate as needed. High-quality vegetables cannot be grown on soil low in available phosphate and general fertility. If you need phosphate on your alfalfa or wheat you will get equally good returns from its use on the garden.

2. Select a new garden location if necessary to avoid soil-borne diseases such as tomato wilt, cabbage yellows, nematodes or similar hazards. Rotate garden sites or the location of the crops within the garden to avoid many common diseases.

3. Provide an air-conditioned garden site. This arrangement can be had by use of row crops such as corn or sorghums, trees, shrubs, snow fence, buildings or similar devices. Yes, even tall-growing weeds outside the garden on the south and west sides may help do the job.

4. Arrange for irrigation if possible. You may not be able to water the entire garden, but you can arrange to water a couple dozen tomato plants along with a small planting of a few other equally important crops.

5. Get your seed now. Use only adapted varieties and where available, certified seed of disease-resistant strains or varieties.

6. Provide a more even supply of vegetables by making succession plantings, or by using more than one variety for a longer harvest season. You can enjoy good sweet corn, for

example, for several weeks. However, peas and other cool-weather crops have a more limited season for best production.

7. Use thrifty, disease-free, well-grown, but not overgrown plants. If you can, arrange for local production of cabbage and tomato plants.

8. Try to have a "We" garden instead of a "She" garden. Arrange where possible for long rows that can be cultivated by tractor or team, instead of short rows where it all has to be tended by hand hoeing.

9. Prepare a garden plan, then follow it. Plant crops in their best season. Too many plant early-season crops too late and late crops too early. For example, radishes, spinach, peas, lettuce, turnips, onion sets and plants, beets, carrots, Irish potatoes, parsnips and cabbage should be put out about oats-planting time. Tomato plants, pepper plants, okra and snapbeans about corn-planting time or frost-free date. Plant sweet potatoes, beans and squash after soil is warmed up or 1 week to 10 days after frost-free date.

10. Buy needed spray and dust materials early and use them as needed in time. They will do your garden little good in the store or stored in the package. Keep them out of the way of the young helpers.

Hold Poultry School

Vocational Agriculture and on-the-job training students made up the major portion of attendance at the Bourbon county poultry school, February 12, reports Clarence A. Hollingsworth, county agent. Attendance at the morning session was 40 and for the afternoon session, 50.

Local business concerns provided a demonstration of poultry equipment and a moving picture on the mechanics of egg production.

Will Double Number

About 2,000 young adults between the ages of 18 and 30 years, now are members of rural life associations in 39 Kansas counties, according to J. Harold Johnson, state 4-H Club leader.

A goal of 4,000 members in 50 counties has been set for 1948. Programs for this group are well balanced between education, recreation, and community service activities, says Mr. Johnson.

During the last 2 years, the rural life membership in the state has been rebuilt from a wartime low of only 2 functioning groups having a membership of fewer than 100.

District directors of the Kansas Rural Life Association are: Margaret Zahner, Shawnee, and Ernest Adcock, Atchison, eastern district; Enola Tangeman, Newton, and Fred Maneth, Great Bend, southwestern district; Clara Duston, Athol, and Voiland Engle, Abilene, northwestern district.

Fortunate for Us

WITH Senator Arthur Capper in Washington these days looking after the interests of Kansas people dependent more or less on agriculture, as we all are, it is natural we should feel safer than we would with a new senator there.

Federal government support of farm prices at the present rate of 90 per cent of parity is being threatened. If there are any who do not know, parity in this case means such a price for farm products in relation to farm production costs as existed in the base period, some years ago before the war.

Naturally consumers of farm products who are not also farm producers, or dependent on the trade or business of farmers, would like to see this support reduced. Even Senator Robert Taft declared on his western trip last week that the level of Government support of farm prices should be lowered.

Since farmers are urged by the Government to plant all the crop they can so we can feed our own nation and much of the world, it seems only fair they should be protected against disaster from falling prices should this demand suddenly drop off after they have planted their crop with expensive seed and labor. By law, the Government guarantee to the farmer expires this year. Under the present circumstances, it should be renewed. The farmer has to gamble, at best, against the weather. It is too much to ask him to gamble against changes in world conditions, due largely to governments, and over which he has not the slightest control.

Because of his position, as chairman of the Senate Agricultural Committee, no other senator is in such an advantageous position to help protect us as is Senator Capper. Also, no other senator knows better what can and should be done. It is fortunate for the farmers of this country that he is in Washington working for us. —Manhattan Mercury.

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TRAILING TRACTORS — 4 models, from 5 to 12 H.P. 36 in. wheelbase, 36 in. wide, 36 in. plant clearance. Hand or foot starter. Improved steering device, brakes enclosed in differential housing shaft. Heavy front and rear bearings. Standard hitch for trailers and wagons. Plow, row, cultivator, cutter bar, snow blower available.

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Buy your future needs in millwork now. Another shortage is due this Spring.

R. L. SWEET LUMBER CO.
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No Emergency in Farm Prices

(Continued from Page 8)

help for farmers. City consumers were willing to admit that farmers were getting a raw deal in the matter of income.

Today the public psychology is entirely different. Perhaps to say that public sentiment is "hostile" toward farmers, agriculture, and Government assistance for agriculture and farmers would be putting it too strongly. But city consumers are in revolt against high food prices; they read that national farm income is well over 30 billion dollars, as compared to around 5 billion dollars in the depression "Thirties. They don't consider that non-farm income has increased from around 40 billion dollars to 170 billion dollars in the same period.

Anyway, members of the agriculture committees in Congress, and farm leaders generally, fear "consumer resistance" to farm legislation if pressed at this time. Tho, of course, none of these feel like making any public statements to that effect.

The pattern of what farm legislation is likely to get consideration this session is beginning to appear.

The price-support program for basic commodities and more than a dozen "Steagall" commodities, intended to help bridge the gap between wartime and peacetime demand for food and feedstuffs, will be extended. Probably for one year beyond next December 31; possibly for 2 years.

These price supports are at 90 per cent of parity, subject to seasonal adjustments; 92½ per cent on cotton. Seasonal adjustment means that if the average price thruout the year is not less than the support price, then the promise to support the price has been complied with.

There will be some argument over whether a support as high as 90 per cent will be extended on perishable products. But no one seems to have any clear idea of what should be substituted. But Department of Agriculture has been so severely criticized, in farm as well as non-farm circles, for the "wicked waste" resulting from purchases of tons and tons of unsalable potatoes that consequently were burned or allowed to rot, that they don't want any more of it—if they can help it.

Looks as if Congress will approve establishment of a foot-and-mouth research laboratory in the United States. The past policy has been not to admit any of the foot-and-mouth virus inside the United States. The program has been based on prevention of the disease in the United States; eradication of animals with the disease, or herds in areas where the disease has been found.

Until less than 2 years ago, the entire North American Continent had been kept free from foot-and-mouth, except for sporadic outbreaks that had been dealt with effectively by eradication. But now the disease has become well established in Mexico, in some areas within 300 miles of the international border.

Last year our Department of Agriculture, in co-operation with the Mexican government, attempted to eradicate the disease by destroying all cloven-hoofed animals in the infected areas. But after spending some 35 million dollars in the attempt, the program had to be abandoned except in northern Mexico. The Mexicans just would not stand for it.

So the present program in Central and Southern Mexico is to vaccinate against the disease; "live with it" at least for the time being. So far no vaccine has been developed that gives more than a few months immunity. The Bureau of Animal Industry has come reluctantly to the conclusion that a vaccination, instead of an eradication, program has to be recognized as a possibility at some time inside the limits of the United States.

The BAI wants to do research work and try to develop more effective vaccines. To do that, they will have to work with the virus that causes the disease. Research in foreign countries, especially under present uncertain political conditions, is regarded as unsatisfactory. So despite the fears of the cat-

tle industry that importing the virus for research is accompanied by a high degree of danger that some of the virus may get loose and cause an outbreak, provision for the research laboratory probably will be made by this Congress.

The Senate bill provides that the laboratory must be established on an island or some equally isolated area. The House measure, as it comes from the House Committee on Agriculture, insists that the laboratory be located on an island, and an island separated from the mainland by a "deep sea" channel.

Several million dollars will be appropriated to continue the campaign in Mexico; under consideration are various plans for establishing effective quarantine lines, including a double row of strong wire fence for close to 2,000 miles along the international border.

This Congress will authorize and make necessary appropriations for the Department of Agriculture to continue the Government-built and owned alcohol plant at Muscatine, Ia., to carry on experiments (and operations on a commercial scale) in the manufacture of industrial alcohol from farm products.


The Administration measure to give the Secretary of Agriculture authority to regulate margins in futures trading on the commodity exchanges stands little chance of favorable action. However, the Senate Committee, of which Senator Capper is chairman, intends to hold hearings on the entire subject of regulation of the grain, cotton, and other commodities trading in futures. Margins of 33½ per cent of amount of transactions now are required on all futures trading on the commodity exchanges, by action of the exchanges themselves, at the insistence of President Truman.

Grain trade and the commodity exchanges are trying to have some requirement written into the Federal charter for the Commodity Credit Corporation that the CCC in its buying and selling operations operate thru established private trade channels. The CCC now operates under a Delaware charter with the broadest kind of powers. So far as its charter provisions go, the CCC could engage in any kind of business, in just about anyway the Secretary of Agriculture decided would be in the public interest. Under the provisions of the Byrd-Butler Act, all Government corporations must get Federal charters thru Congress by next June 30, or go out of business. Provisions of the charter may be bitterly fought over.

The CCC charter problem is further complicated because in the House the measure has been referred to the Committee on Banking and Currency, instead of to the Agriculture Committee. And last week the House Rules Committee turned Chairman Clifford Hope of House Agriculture down cold, when he asked the bill be re-referred to his committee.


The European Recovery Program promises to finance an export trade in farm commodities for at least another year—at taxpayers' expense. But it also promises to continue the shortage of farm machinery until well into 1950, and to continue high prices in the United States for things the farmer buys, as well as what he sells. And to add some 5 billion dollars a year to the national tax burden.

This Congress is bound to pass a tax reduction bill, and it will do so. But the odds are against much real tax reduction for any but the low-income groups. Exemptions for individual income taxpayers will be lifted from the present \$500 to \$600. There may be percentage cuts in individual income tax rates, but they will not be large. Whatever tax reductions are made will be retroactive to January 1, this year. A Presidential veto, it generally is expected will be overridden, if there is a veto. The bill finally passed may be so close in actuality to the Truman recommendation (\$40 tax rebate for everyone) that the President may not veto—particularly as enough Southern Democrats are "mad" at Truman for his "anti-white" legislation that these, plus a solid Republican vote, could override any veto.




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BEST
STARTING
FEED**

Mash — Pellets — Granules



But Here Is Hope

(Continued from Page 7)



This architect's drawing shows a typical design for Western Kansas health clinics and hospitals. All designs, architects say, will be of one-story type with construction in monolithic concrete, which is said to be the cheapest fire-resistant construction at the present time.

hospitals alone. These applications call for \$7,885,000 in Federal aid, which is more than is allocated to the state for the next 5 years. Some of these projects are so large that, if approved, any one of them would take a large per cent of the first year's allotment.

Spreading this money out so it will do the most good is going to be a heart-breaking job. It is obvious that the majority of communities applying for Federal aid will be disappointed entirely, or will have to scale down their needs to fit the money available.

Under state law, communities now can vote up to a 2-mill levy for hospital facilities by following the proper procedure. But getting the money for hospitals is only one part of the job. What kind of hospital facilities should be provided and how large should the hospital be? These are tough questions, as is the question of who will operate the hospital once it is built.

To keep communities from building beyond their needs, to help them determine what their needs are and how to meet them, and to get a co-ordinated program for the state as a whole, the Federal Government has asked state boards of health to make state-wide surveys and to submit state-wide plans for integrated health service.

This has been completed in Kansas and a state-wide plan has been approved. Details of this plan will be outlined in this story.

First, however, you should know something about the new Division of Hospital Facilities within the Kansas State Board of Health, since this division will administer the plan.

The 1947 Kansas state legislature passed what is known as the Kansas Hospital Survey and Construction Act.

Under this act the Kansas State Board of Health was designated as administrator, with funds provided for creation of a special Division of Hospital Facilities to administer and participate in the Federal hospital construction program.

House Bill 67, also passed at the 1947 session, empowers the Kansas State Board of Health to establish and adopt standards, rules and regulations for licensing hospitals. Governor Frank Carlson appointed an Advisory Hospital Council to act with the board in ad-

ministration of the hospital construction program and licensing of hospitals.

Dr. R. M. Heilman, director of the new Division of Hospital Facilities, states that "It is not our desire to get tough with hospitals in Kansas under the licensing law. We do want to help them by setting minimum and maximum standards."

"Minimum standards must be met by 1950 if a hospital is to remain open. Maximum standards will be set as goals toward which all hospitals can work. Thru this method we hope to raise the level of hospital service all over the state."

A Topeka architect, and the architectural division of the University of Kansas School of Engineering, are working with Doctor Heilman and his staff in designing buildings for community diagnostic and hospital services to be built under the new Federal plan.

Communities desiring hospital facilities, either with or without Federal aid, are urged to contact Doctor Heilman's division of the Kansas State Board of Health.

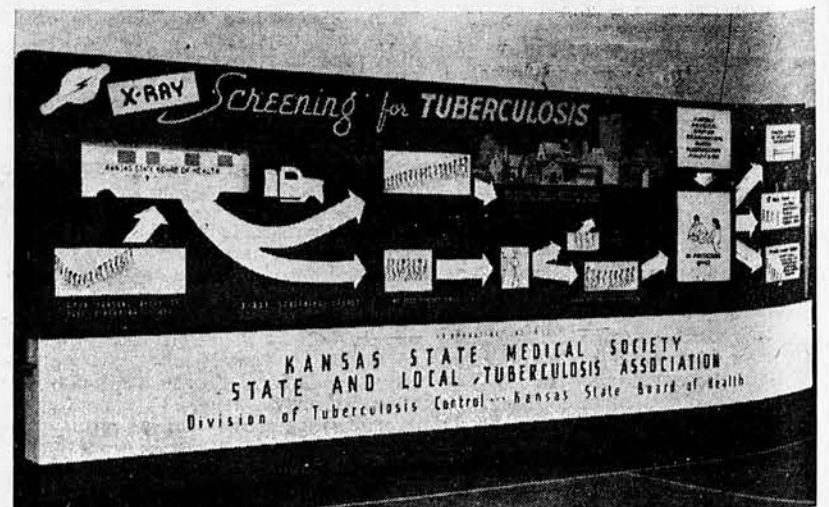
Thru this division they can get help in determining the size of building needed, the facilities it should offer, and can get plans for building, along with advice on the possible cost.

Here is the long-range Kansas co-ordinated hospital service plan in outline form. The plan calls for all hospitals to be divided into 4 classes—base hospitals, district or intermediate hospitals, rural health clinics, and local health units. Where possible, facilities for health units will be combined with hospitals.

Base hospitals will be located in the 2 largest trade centers, Wichita and Kansas City. District hospitals will be designated partially by size of existing hospitals and partially by population of the trade areas served. Services offered by each of the 4 classes of hospitals are as follows:

BASE HOSPITALS: Teaching, research, consultation; cancer clinic, psychiatric, heart clinic, major surgery, internal medicine, obstetrics, pediatrics, orthopedic surgery, communicable diseases, tuberculosis, venereal and other diseases; teaching for nurses, interns, residents and post-graduates; X-ray.


(Continued on Page 35)



This educational display of the Kansas State Medical Society, and State and Local Tuberculosis Association, shows that of every 1,000 persons X-rayed one will go immediately to a sanitarium, 17 will be found to have other conditions needing treatment or surgery, and 18 will require further observation. Preventive screening has reduced tuberculosis from first to ninth place in list of killing diseases in Kansas.

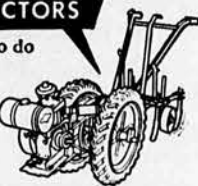
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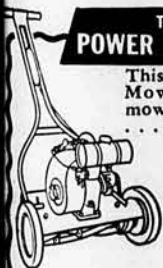


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Provides the power for Cunningham Mowers and Garden Tractors, and for many other power jobs... 1 1/2 HP... precision construction... you can change it from garden tractors to mowers to many other power jobs quickly and easily by simply loosening four bolts.



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INTERMEDIATE DISTRICT HOSPITALS: Major surgery, obstetrics, internal medicine, communicable diseases, tuberculosis, venereal and other diseases, pediatrics, eye, ear, nose, throat, physiotherapy, X-ray, pathology, bacteriology, chemical; teaching, nurses, dietetics.

RURAL HOSPITALS OR CLINICS: Internal medicine, obstetrics, eye, ear, nose, throat, dentistry, selective surgery, X-ray, bacteriology, Office space for M. D.'s for rent or lease, if desired.

LOCAL HEALTH UNITS: Administrative public health offices, health officer, sanitarian, public health nurses, public health clinics, maternal and child health, tuberculosis, venereal disease, public health education and other diagnostic facilities.

It can be seen from this break down that the local rural hospital or clinic will be used largely for the practice of preventive medicine, health education, and to take the load off larger hospitals by handling obstetrics, minor operations, and accident cases.

Under this co-ordinated plan special treatment or surgical work not available in the local unit can be obtained either by bringing in specialists from district or base hospitals, or by taking the patient to the larger units.

The idea behind the plan is that it will save a lot of money if every community doesn't plan a hospital to take care of every possible type of case. Too often communities have tried this and found the expense too great and the patients too few, states Doctor Beelman.

In addition to facilities outlined here, the plan calls for designation of 19 towns and cities in the state, where special facilities will be available for handling premature babies.

The wisdom of concentrating in preventive medicine in the local units can be seen by taking a look at the present 10 leading causes of death in Kansas. These, in order, are heart disease, cancer, vascular system diseases, nephritis, accidents, diabetes, pneumonia, premature births, tuberculosis, and influenza. Eighty per cent of all deaths in Kansas are from these causes.

Early diagnosis and treatment are the most important phases for success in handling all 10, states Doctor Beelman.

Screening well people at frequent intervals on a community-wide basis is the only answer to catching these diseases in their early stages, he adds. In many cases symptoms don't alarm the victim until too late for a cure. The success in lowering tuberculosis from first to ninth thru preventive measures is a good illustration of what can be done, Doctor Beelman explains.

To help smaller communities in their planning a pamphlet is being printed now for early distribution. It is entitled

"Community Clinics for Western Kansas," and outlines small centers where diagnosis, treatment, and hospitalization can be offered patients. The state agency also will give personal planning assistance to these areas if such assistance is requested.

Already the Kansas Advisory Hospital Council has recommended, and the Kansas State Board of Health has approved, hospital projects in Kansas sufficient to use the first 2 years' allocation of funds. These include 18 new hospitals or clinics and 7 expansions of present facilities.

Hospitals approved for expansion include: Mt. Carmel, Pittsburg; Columbus City, Columbus; Gove County, Quinter; Boothroy Memorial, Goodland; Asbury, Salina; Wilson County, Neodesha, and Ransom Memorial, Ottawa.

New hospitals approved include: Pratt County, Pratt; Allen County, Iola; Community Hospital, Larned; Norton County, Norton; Coffeyville City, Coffeyville; Arkansas City, Arkansas City.

New community diagnostic and hospital clinics have been approved for the following communities: Medicine Lodge Memorial, Medicine Lodge; Edwards County, Kinsley; Kiowa County, Greensburg; Comanche County, Coldwater; Baxter Springs City, Baxter Springs; Decatur County, Oberlin; Rush County, LaCrosse; Phillipsburg City, Phillipsburg; Fredonia City, Fredonia; Bob Wilson Memorial, Ulysses; Stevens County, Hugoton; and Smith County, Smith Center.

It is going to take years to get Kansas hospital facilities and standards up to a level where all needed services may be offered to every resident. But Kansas is on the way. The state now has a plan and an administering agency. Progress now will depend on the funds available in local communities for hospital and clinic construction, and the aggressiveness of local communities in planning and building hospital facilities with help of state and federal agencies.

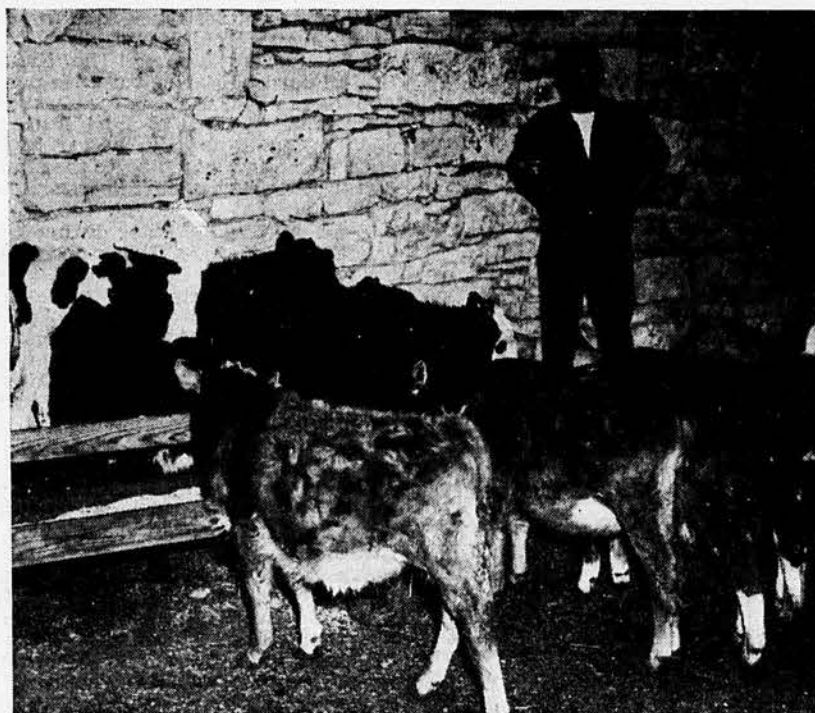
On Beekeepers Committee

Dr. R. L. Parker, professor of agriculture at Kansas State College and state apiarist, has been named to the executive committee of the National Federation of Beekeepers Association. His promotion to that position was made at a recent meeting of the association in Salt Lake City.

As a member of the executive committee Doctor Parker will represent Kansas, Missouri, Iowa, Minnesota and Wisconsin.

Research on bee pests and diseases was discussed at the association meeting. Funds now are available for this work, according to Doctor Parker. Another topic of interest concerned the problem of how to get Americans to use more honey. Wider advertising was offered as one solution.

A Start in Livestock



What he is learning about feeds and feeding in his veterans on-farm training class, Glen Skeen, Morris county, is applying to a calf program. Here he shows a few of the 15 calves he has picked up at sales. At the turn of the year he had an average of \$18.09 in these calves, figured the poorest were worth \$20, the best \$30 to \$35.

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Grinds any feed—green, wet or dry. This feeder really takes in loose roughage, bundles or bale flakes and no monkey business about it. Large capacity guaranteed with ordinary farm tractor. Grinds grain, ear or snapped corn with roughage or separate. Has cutter head and swing hammers. Get full information on this real honest-to-goodness Grinder. Write Western Land Reel Co., Box 135 Hastings, Nebr.

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Marketing Viewpoint

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

I can buy 125- to 160-pound feeder hogs for \$20 a hundredweight. I have a good supply of milo. What do you think of this project?—B. R.

Two periods of strong prices for hogs are anticipated in the next few months. Prices are expected to improve during March. Some seasonal weakness is probable during late April and May, then higher prices are expected during July and August. If you buy feeder pigs for \$20 a hundred now, you should be able to sell for higher prices in late March or early April, and again in August or early September.

I have some grass in Northwest Kansas and am thinking of buying some calves or light yearlings to use this grass. Would this be the proper thing to do?—P. W. B.

Ordinarily, buying cattle in the spring to put on grass is not a good program. You are paying seasonally high prices and selling at seasonally low prices. The recent break in cattle prices puts them considerably below mid-January levels and they would be a better buy now than they were 2 months ago. It is difficult to estimate the level of prices you might receive at the end of the grazing season. Normally, prices of replacement cattle decline from spring to fall, and this year probably will not be an exception as was the case last year. The peak in farm prices probably is past and the general trend is now downward. It is a question of whether you are willing to take the risk that price declines might more than offset cheap gains on grass.

What do you think feeding ratios for dairy cattle will be like during the spring months?—E. C.

It has been pointed out in this column previously that all indications point toward some improvement in the feeding ratios for dairy cattle during the coming months. While the world food situation still is not as good as it need be, it would appear that we have seen some improvement in the grain situation. However, grain supplies will still be in rather strong demand for a considerable length of time. Secretary Anderson just recently predicted that next year's demand against the United States supplies of grain will be about 300 million bushels of wheat and 100 million bushels of coarse grain. It is expected that during the spring months, feeding ratios will improve slightly over the present situation, although feed supplies will still be relatively short in many areas with very little surplus or carryover.

Use More Fertilizer

Kansas farmers sharply increased the amount of fertilizer used in 1947, according to Paul Ijams, director of the control division of the Kansas State Board of Agriculture. He points out that in 1947 Kansas farmers used more than 2 1/2 times as much fertilizer as they did in any other year in the state's history, according to the manufacturers' report of fertilizers shipped into Kansas.

Total sold in the state during 1947 was 70,711.9 tons. A break-down into grades shows that during 1947, 20 per cent superphosphate was the largest single fertilizer purchased by Kansas farmers with 17,098.1 tons being used during the year. Kansas farmers also used 10,518.3 tons of 2-12-6 fertilizers and 10,209.9 tons of 4-16-0 with many other types being supplied in somewhat lesser amounts.

As more of the higher-concentrated fertilizers become available, Ijams believes they will increase in use since many farmers seem to prefer them in their soil-maintenance work.

Work of the control division is to see that fertilizers offered for sale in the state are properly labeled as to kind, and that statements on the label are truthful with regard to chemical make-up of the product.

This increased use of fertilizer on our farms, Ijams stressed, is a strong indication that the modern farmer is vitally concerned with the condition and production capacity of his soil, and is making every effort to maintain its peak yielding capacity.

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WARMS
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HE'S RIGHT! Constipation often brings on upset stomach, gassy discomfort, flatulence, sour taste. So you want your laxative to relieve constipation and comfort upset stomach, too.

DR. CALDWELL'S famous medicine does both. It contains Laxative Senna, one of the finest things for constipation known to medical science.

AND FOR STOMACH RELIEF it contains a reliable carminative to help warm and comfort your upset stomach. So when you're sluggish, upset, and want to feel worlds better, remember Dr. Caldwell's. This one medicine gives you pleasant relief from constipation, and also comforts your upset stomach.

HERE'S ONE LAXATIVE you can take right after a full meal with pleasant effect. Ask your druggist for Dr. Caldwell's. Get welcome relief from constipation, and give your upset stomach cozy warmth and comfort too.

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Use Artificial Service

Out of 2,500 dairy cows pledged to the Arkansas Valley Dairy Breeders Association, 1,400 were bred artificially the first 9 months after the association was organized. There are 125 members in the artificial insemination ring, but 300 breeders have pledged cows.

President of the group is John Weir, Geuda Springs. Inseminator is Ralph Jurs, Arkansas City. Jess Ruf, veterinarian at Arkansas City, is secretary and keeps an eye on cow health.

The association held its annual meeting recently. George Gerber, county agent, says, "This was an excellent meeting in my opinion, interest in dairying in this section is running high."

Mr. Gerber continues "Like all new organizations this one has had a rough first year. Many problems have come up. I believe most of them are ironed out and it will go much better from now on. Conception rate from artificial breeding has been rising rapidly and now stands between 60 and 70 per cent."

When the program first started early last spring, the percentage of settlement was 53. But later it dropped to 40 per cent, an average of more than 2 calls per cow. The semen is shipped in from a breeding farm at Enid, Okla., and was more than a day old when it arrived at Arkansas City. Later plans were changed so semen could be collected the same morning that it would be shipped to the association. After the change the percentage of settlement jumped to 60.

There are 26 bulls in the breeding farm at Enid, all of them with high-production backgrounds. In a few years it could help make a change in the quality of dairy herds using the service.

Name Dairy Officers

At the annual meeting of the Kansas Purebred Dairy Cattle Breeders' Council, C. O. Heidebrecht, Inman, was named president, and Joe Hunter, Geneseo, was elected vice-president. R. E. Smith, Hutchinson, was named secretary-treasurer of the group.

The following officers were elected at the annual meetings of the various state breed associations:

HOLSTEIN: President, Ed Reed, Lyons; vice-president, Quinter Kubin, McPherson; secretary-treasurer, T. Hobart McVay, Nickerson.

BROWN SWISS: President, Ross Zimmerman, Abbyville; vice-president, Paul Timmons, Fredonia; secretary-treasurer, Earl Webber, Arlington.

GUERNSEY: President, John Nelson, Wichita; vice-president, Joe Simmons, Independence; secretary-treasurer, Max Dickerson, Hiawatha.

MILKING SHORTHORN: President, Joe Hunter, Geneseo; vice-president, Lacke Thies, Dodge City; secretary-treasurer, C. O. Heidebrecht, Inman.

JERSEY: President, John Weir, Jr., Geuda Springs; vice-president, Fred Smith, Highland; secretary-treasurer, Ray E. Smith, Hutchinson.

AYRSHIRE: President, D. E. Hull, El Dorado; vice-president, John Stevenson, Downs; secretary-treasurer, Mrs. John Keas, Effingham.

Well-Protected Land

Out of 4,000 acres in the Wakefield Ranch, Cowley county, only 700 are available for cultivation. But all cropland subject to erosion is protected by terraces or other soil-saving measures, says Raymond Hoyt, manager.

Many of these terraces drain out on grasslands where the water is soaked up to advantage. Where grassland is not available, grassed waterways were provided.

These soil-saving measures are paying their way with ease. To illustrate the point, Mr. Hoyt points to a diversion ditch that keeps hill water from rushing down over a 36-acre field of bottom land. This area had been in row crops 17 or 18 years and hill water was washing deep gullies right thru the center. A large diversion ditch, three-fourths mile long, was put in just below the rock line on the edge of the hill. It cost \$100. But even after the heavy rains of last spring, Mr. Hoyt harvested 1,500 bushels of oats from that patch. It was fertilized with 100 pounds of 20 per cent phosphate.

After the field was limed, Mr. Hoyt seeded it to alfalfa, applying 100 pounds of 45 per cent phosphate. Even

after the dry fall, this bottom field had sufficient moisture for an excellent stand of alfalfa. And rains will not wash the fertilizer downstream.

Lacquer the Brass

After polishing brass fixtures, I give them a thin coat of lacquer. The lacquer will prevent them from tarnishing.—Mrs. Roy Harned, Osage Co.

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas
Livestock Editor

and MIKE WILSON, Livestock Fieldman,
Muscotah, Kansas.

HARRY W. LONG, long-time breeder of registered Durocs at Ellsworth, has lost none of his enthusiasm for hogs. He has a large collection of young stock of various ages, including fall boars. He has bred more than 20 sows for spring farrow and will continue to do his part in helping to build up the swine population of Kansas. According to statistics, Kansas never was so low on hogs.

An interesting letter was recently received from the **JONES HEREFORD FARM** at Detroit, in Dickinson county. Besides breeding and selling many good home-bred Herefords during the year of 1947, the Jones Brothers did some local showing. Among other awards won was grand champion on female at the year's county show, held at Abilene.

The **J. A. EHRHART** Holstein sale held on the farm, near Topeka, February 25, was one of the really successful dairy sales of the season. It was a dispersal sale and most of the animals sold were first-calf heifers. A total of 129 head was sold for a total of \$21,000. The average on heifers was above \$200 a head. Three senior bulls brought an average price of about \$350, or a little more. The Ehrharts report a large number of buyers from the middle and western sections of Kansas. Crews Bros. sold the cattle in an entirely satisfactory way.

CLARENCE MILLER, veteran Duroc breeder, of Alma, picked the worst day of the season, February 11, for his annual bred gilt sale. Weather reports the day and night previous indicated snow, ice and very cold for the next day, and for once the weather forecaster was correct. Attendance was very small but the sale was a success. The general average was \$227.50. Gilt in the offering that were bred to "Eureka" the new herd boar, made an average of \$275 a head. The fall boars offered made an average of \$114. The animals were distributed in 8 states. Bert Powell sold the sale.

BAUER BROTHERS, successful Poland China breeders, of Gladstone, Nebr., held their annual bred-sow sale at Fairbury, February 16. They report a satisfactory sale considering the rather uncertain market conditions prevailing at that time. The usual big sale attendance was reduced to about 150 buyers and spectators. The 56 head of bred sows and gilts averaged \$145, with a top of \$225 paid by Harry Castiel, of Crete, Nebr. The top boar sold went to a New Mexico buyer at \$270. The 4 fall boars averaged \$180. Weather was favorable, but local demand only fair. Thirty-five head of the 50 head sold stayed in Nebraska.

JOHN O. MILLER, manager of the **KANSAS STATE DUROC** annual sale held at Topeka, February 18, reports a good sale but prices some lower than would have been the case with better weather and a steadier commercial market. However, the sale was satisfactory to both buyer and seller generally. Thirty-six of the 38 head sold were purchased by Kansas buyers. A general average of \$144.60 was made on all females sold, with a top of \$300 paid by Allen Kettler, of Paola. The day was cold and icy, which fact reduced attendance and seemed to especially keep local buyers at home. The offering was well conditioned. Bert Powell was the auctioneer.

Altho unfavorable weather kept some buyers away, the **R. E. BERGSTEN & SONS** Hampshire hog sale was held as advertised and the 45 bred gilts went to new homes in different parts of Kansas and several other states. The general average on bred gilts was \$165, with a top of \$285 paid by Danielson Bros., of Nevada, Ia. The 4 fall boars sold for an average price of \$80.60, with a top price of \$90 paid by Reid Stewart on order. The day was cold and snow covered the ground. Something like 125 buyers and visitors were present. Thirty-four of the 53 head stayed in Kansas. Bert Powell was the auctioneer. The local demand was reduced considerably because of bad weather.

Buyers were in a conservative buying mood at the **KARL DIETER** Duroc sale, St. Joseph, Mo., February 18. A very desirable group of bred gilts was offered. They were bred to 2 good boars. Good Demand, the Missouri grand champion boar, and Oklahoma Tops, the Kansas Free Fair grand champion. The 2 tops sold for \$430 and \$400 but, after that, the next high selling gilt was \$195, with prices ranging from \$100 to \$195. The general average was \$155 on 43 head. Two head came to Kansas and 3 head went to Iowa and 1 to Nebraska. Missouri buyers took the remainder of the sale offering. The offering averaged close to 450 pounds. Bert Powell was the auctioneer.

The **NATIONAL ABERDEEN-ANGUS** show and sale held at Chicago, February 18 and 19, created a lot of interest and the sale average was about \$60 a head higher than last year. Reserve champion female of the show came from the **JOHN B. HOLLINGER'S WHEATLAND FARM**, Chapman. She was the highest-selling female of the show and sale and she went to Cold Saturday Farm, Finksburg, Md., for \$5,100. A Hollinger bull sold for \$1,350. This Kansas herd was represented by 4 head in the show and sale. It was the only Kansas herd there. In the sale, which was concluded in one day, 139 head were sold for an average of \$972. Top bull brought \$5,500. He was shown by Good Earth Stock Farm, New Florence, Mo. Bulls, 35 head, averaged \$1,144, with 104 females averaging \$914.

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THE KANSAS POULTRY IMPROVEMENT ASSOCIATION



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Ask Your County Agent

Write to the Association

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Wm. H. Dreble, Great Bend
Wm. A. Sanford, Phillipsburg

U. S. R.O.P. BREEDERS
Echo Glen Farm, Troy

Triplett Leghorn Farm, Topeka
Vitality Farms, Edgemoor
Burton Smith, Clyde

H & C Hatchery, Neodesha
Colwell Leghorn Farm & Hatchery, Emporia
J. O. Coombs & Son, Sedgwick
Echo Glen Farm, Troy

U. S. CERTIFIED HATCHERIES
Morganville Hatchery, Morganville
Shaffer's Hatchery, Salina

Smith Hatchery, Clyde
Smutz Hatchery, Protection
Triplett Leghorn Farm & Hatchery, Topeka
Vitality Farms, Edgemoor

U. S. APPROVED HATCHERIES

A. C. Hatchery, Arkansas City
Alexander Hatchery, Alexander
Alf Johnson Hatchery, Leonardville
Baker Hatchery, Downs
Baldwin Hatchery, Baldwin
Ball Produce & Hatchery, Cheney
Barnhart Hatchery, Winfield
Barton County Hatchery, Great Bend
Barton Hatchery, Burlington
Berry Hatchery, Jamestown
Berry Brothers Hatchery, Atchison
Berry's Hatchery & Feed Store, Hutchinson
Berry's Sunflower Hatchery, Newton
Berry's Sunflower Hatchery, Wichita
Blue Bonnet Hatchery & Produce, Fredonia
Bright's Hatchery & Feed, Arkansas City
Brownrigg Poultry Farm & Hatchery, Iola
Buhler Produce & Hatchery, Buhler
Burger Electric Hatchery, Natoma
Carroll Hatchery, Russell
Cochrane Poultry Farm & Hatchery, Dodge City
Colonial Poultry Farms, Wichita
Concordia Creamery Company, Concordia
Cooper Hatchery, Dodge City
Cooper Hatchery, Garden City
DeForest's Hatchery & Poultry Farm, Inc., Junction City
DeForest Hatcheries, Marion
DeForest Hatcheries, Peabody
Denbo Turkey Farm & Hatchery, Macksville
DeRusseau Hatchery, Clyde
Douglas County Hatchery, Lawrence
Dunnire Hatchery, Hutchinson
Electric Hatchery, Sterling
Ellsworth Hatchery, Ellsworth
Engel Electric Hatchery, Hays
Fairmont Foods, Dodge City
Fairmont Foods, Council Grove
Feight Hatchery, Clyde
Fisher Hatchery, Holton
Fisher Poultry Farm & Hatchery, Wilson
Fletcher Hatchery, Lewis
Fletcher Hatchery, St. John
Gardner Hatchery, Gardner
Golden Rule Hatchery, Minneapolis
Golden Rule Hatchery, Wellington
Goodland Hatchery, Goodland

Goodsell Hatchery, Iola
Harris Hatchery, Kinsley
The Hays Hatchery, Hays
Highland Hatchery, Highland
Hoopes Hatchery, Anthony
Hutchinson Farms Hatchery, Hutchinson
Jamesway Hatchery, Belpre
Jacobs Hatchery, Lindsay
Johnson Hatchery, Topeka
Johnson Hatchery, Vermillion
Kansas Master Breeders' Association, Abbeville
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King's Poultry Farm & Hatchery, Nickerson
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LaCrosse Hatchery, LaCrosse
Lake's Marysville Hatchery, Marysville
Leach Hatcheries, Salina
Leland Wilson Hatchery, Merriam
Lincoln Hatchery, Lincoln
Louis Hatchery, Iola
Lund Hatchery, Manhattan
Mallory Hatchery, Hutchinson
Master Breeders' Hatchery, Cherryvale
Maxwell Feed & Farm Supply, Wichita
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Minneapolis Hatchery, Minneapolis
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Perry Hatchery, Hanover
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Phillipsburg Hatchery, Phillipsburg
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Reliable Hatchery, Council Grove
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Shacklett Hatchery, Neodesha
Shawnee Hatchery, Topeka
Shaw Hatchery, Ottawa
Small's Poultry Service, Wilson
Smith's Hatchery, Evergreen
Stafford Hatchery, Stafford
Sterling Heights Hatchery, Iola
Stirtz Hatchery, Enterprise
Swank Hatchery, Denison
Swift & Company Hatchery, Garden City
Swift & Company Hatchery, Parsons
Swift & Company Hatchery, Salina
Swift & Company Turkey Hatchery, Garden City
Thomas County Hatchery, Colby
Thurman Hatchery, Anthony
Tindell's Hatchery, Burlingame
Washburn Hatchery, Paola
Wells Hatchery, Lyons
Wesselowski Hatchery, Beloit
Whitewater Hatchery, Whitewater
Wilcox Hatchery, Kingman
Williams Chick Hatchery, Harper
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Berry's 4-Week Chicks cheaper than you can afford to raise them. Out of danger, healthy, strong. Saves you worry, work, money. Large sanitary, air-conditioned, sterilized plant. Austra-Whites and Special Bargains. Kansas U.S. Approved-Tested. Year around production. Low prices. Profit-sharing plan. Poultry book free. Berry's Chicks, Box 3313, Atchison, Kan.

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FARMS—MISCELLANEOUS

Featured in Big Free Spring catalog many states: 160-acre eastern Kansas diversified farm watered by pond and small stream, sacrificed by non-resident owner—only \$730 down! On graded township road, mail route, 1/2 mile electric line, 15 minutes high school depot town, hour's drive college city; 110 tillable, 90 cultivated, 18 blue stem meadow, woven and barbed wire fencing; just fair 6-room frame house, part basement, well, nice view. 14x40 henery, 24x24 granary, good 10x24 hog house, rather poor barn has good salvage material; extraordinary development bargain, total price only \$3,650, yours for \$730 down! United Farm Agency, 428-KF BMA Bldg., Kansas City 8, Mo.

Investigate the Opportunities of Colorado! Choice farm lands in rich irrigated sections; choice grass land where feed has high palatability; choice wheat land on the plains. Good roads, good transportation, good schools and ideal living conditions. Write for current catalogue. Van Schaack Land Company, 724 - 17th Street, KE 0131, Denver 2, Colo.

Strout's Farm Catalog describes over 2,800 outstanding Farm Bargains—Coast to Coast. Many with stock equipment included. Pictures galore. Mailed free. Write today. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

2172-Acre Stock Ranch in Yuma, Colorado. Modern improvements. 260 acres level farm ground. Nutritious mixed grasses. Well watered. On highway. Price \$38,000. Louis Miller, Frankfort, Ind.

Farms Wanted. If you really want to sell your farm, write us full particulars. R. L. Vickrey Co., 2424 East Douglas, Wichita, Kan.

MISCELLANEOUS

Make Your Will Now! Protect your Loved Ones! For only \$1.00, we will send you a simple, easy to understand form of will. Insures and protects your loved ones, when you are no longer here to do so. If not fully satisfactory money will be refunded. Write Western Publishers Co., Dept. E., Box 143, Monroe, Mich.

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.

Two Thousand Bales Alfalfa for immediate sale. Write Hayden Bros., Clements, Kan.

9 WEEKS and You're Making Money

Zeeland Mammoth White Pekin Ducks! Grow Fast on Low Priced Feed!

ORDER NOW AT THESE LOW PRICES:

SPECIAL "AAAA" MATING
from 2 and 3 year old Breeders
(12 ducklings, \$4.95) (25, \$9.95) (50, \$15.95) (100, \$29.95) (300, \$87.95)

SUPREME "AAA" MATING
from Yearling Breeders
(12 ducklings, \$4.45) (25, \$8.95) (50, \$14.95) (100, \$27.95) (300, \$81.95)

We pay postage. Send money with order or we'll ship C.O.D. Be sure to specify quantity, grade, and delivery date wanted. Available now and every week of the year.

FREE "DUCK RAISERS'" GUIDE!

This book tells you how to raise ducks easily and profitably. It's free. Write for it! (Also sent free with every order.)

ZEELAND HATCHERY, INC., Box B-15, Zeeland, Mich.



February 9 was chosen by VERN V. ALBRECHT, of Smith Center, for his purebred Duroc reduction sale. Fifty head of Durocs were presented in this good offering. They were well fitted, and put thru the sale ring in regular showman style.

Albrecht's Durocs are well known thruout the Midwest. Many a championship has been claimed by Mr. Albrecht at the major shows and exhibitions. These hogs passed thru the auction very rapidly as bidding was keen. The top gilt of the day was purchased by Melvin Teuscher, Fisher, Ill., for \$390.

The morning of the sale 271 F. F. A., 4-H and Vocational Agriculture students, together with their instructors and coaches, matched wits with the official committee of judges who picked the winners in the sale offering. The judges were Don Peach, fieldman for the Duroc News; Dr. George Wreath, breeder; Bob Evans and R. F. McCreary, from the Duroc Record association. Duroc "Type Models" were awarded as prizes to the winning teams and individual high score. The sale was conducted by Col. Bert Powell, assisted by various ringmen.

With the passing of L. D. LESLIE, of Goff, the Milking Shorthorn breeders of the state lost one of the oldest and most earnest advocates of this great dual-purpose breed. Mr. Leslie and other members of the family have been active in developing this type of cattle for several years on their farm near Goff. Uncle Bill passed quietly as he had lived. The herd will continue under the active direction of the nieces.

FARM EQUIPMENT

Combine Owners: We manufacture pressed steel V-pulleys 6 inches to 30 inches diameter, and furnish V-Belt Conversion Drives for these combines: International Self-Propelled 123 SP, 122; Case Combines A6, A, B, C, H, M, K, P; Holt-Caterpillar 34, 36; Platform Drive for John Deere 17, 5A; Engine Drive for M-M Jr., G2, G3; also Pickup and Auger Drive for New Holland Baler. Field tested. Write for literature for your machine. Farrar Machine Shop, Norwich, Kan. Phone 100J.

Improved Automatic Jayhawk hay loader stacker, sweeper, all in one machine. Now 40% stronger; either hydraulic or mechanical lift. Wheels on Jayhawk (not tractor) carry load. Works with all tractors, trucks. Attached, detached in 2 minutes. Low priced. Free catalog. Write Wyatt Mfg. Co., Box A-10, Salina, Kan.

Farm Equipment and Supplies, Grain and Hay Elevators, Rotary Scrapers, Grinders and Cutters, Pumps, Potato Machinery, Scales, Electric Motors and Engines, also Grain Bins. What do you need, perhaps we have it. Write for our free list of equipment. Green Brothers, Lawrence, Kan.

Aluminum Grain Auger, light weight, low price, easy running, sturdily constructed. Fills and empties bins, trucks and cars faster than three men. Immediate shipment. \$127.50 and up. Get particulars. Link Mfg. Co., Fargo, N. D.

Spike Tooth Harrows—World's best, most popular and lowest priced lever and flexible all steel spike tooth round bar drag harrows made. Folders, prices. Write The "Wettachuracks," Montmorenci, Ind.

War Surplus Special: Big 50-lb. box popular size bolts, nuts, washers, screws, clamps, etc. \$6.85. War Surplus Co., Box 910, New Brunswick, N. J.

Weed Sprayers—Tractor mounted power sprayer for corn fields, weeds, livestock. Free circular. Dealerships available. Wilson Hybrids, Inc., Harlan, Iowa.

Whiz Grinder with knives for bundle feed, used little, made at Wichita. F. W. Schowalter, Halstead, Kan.

Free—Big 1948 new and used tractor parts catalog. Satisfaction guaranteed. Write Irving's Tractor Lug Company, Fargo, N. D.

FARMERS

It's Here — Just Off the Press

What every Kansas farmer should have—the annual Spring and Summer Edition of Moldenhauer's 1948 Weather and Crop Outlook. A detailed forecast covering the weather for the balance of the year, with special emphasis on the growing season.

Moldenhauer weather forecasts are helpful to thousands of farmers and are the result of two generations of research and forecasting experience.

INVESTIGATE NOW. Learn how you can get Moldenhauer's complete service, including annual and monthly editions with precipitation and temperature maps for each month and each state covered—all at low cost.

WRITE for free literature, illustrative folder and full details on this service to

OSCAR L. MOLDENHAUER

P. O. Box 156K Moline, Illinois

ATTENTION

Kansas Certified
Seed Growers

In this section of this issue is the advertisement of the Kansas Crop Improvement Association together with the listing of a few individual members.

Your name ought to be there too—that is if you are a member.

If you want to be listed with an ad in the March 20 issue, advise us at once. Only qualification to get listed—you must be a member of the association.

No advance in rates—Classified (undisplayed) 10 cents a word; display classified, \$9.80 single column inch; \$4.90 for 1/2 inch.

TOM HAHN, Classified Mgr.

KANSAS FARMER

912 Kansas Ave.

TOPEKA KANSAS

HOGS

Buy
Hampshire
Pigs
on Approval

They make us feel good by telling us we have the best crop of fall pigs in the entire herd. 150 of the thickest and heaviest hammed of the breed. Sired by Sunshine Special and Kansas. While they last we will sell them and ship on approval. See before you buy. Buyer must be satisfied or price will be refunded. This is an absolute guarantee. \$100 to \$150 for boars and \$65 to \$100 for gilts. Start your herd now. Visitors welcome. Inquiries answered the same day we receive them.

SUNSHINE FARM

Mr. and Mrs. Warren Ploeger
Morrill, Kansas

BERGSTEN'S
Improved Hampshires

Now offering outstanding Fall Boars. Immune and registered. New breeding for old customers.
R. E. BERGSTEN & SONS, Randolph, Kan.

ETHYLEDALE
FARM

PRODUCTION HAMPSHIRE
Herd Sires: Bright Glory, Spottite Supreme, Spottite Jr. Gilts bred for March and April farrow, sired by a choice set of young boars.
Dale Scheel, Emporia, Kan.

OFFERING SERVICEABLE

REG. DUROC BOARS

Best of breeding and selected quality. Immature and shipped on approval. Also Hampshire sheep.
HARRY W. LONG, Ellsworth, Kansas

DUROC BRED GILTS AND BOARS

All Ages. By Top Crown by the Illinois Champion Crown Prince. Satisfaction or your money back. Best we ever raised.
BEN M. HOOK & SON, Silver, Lake, Kansas

Bauers Offer Polands

For sale now—Fall Boars and Fall Gilts. Bred Gilts for April farrow. Write for prices.
BAUER BROTHERS, Gladstone, Nebraska

OFFERING CHOICE

HEREFORD BOARS

Registered, good quality and the best of breeding. Priced right.
ROY HUBBARD, Junction City, Kansas

HEREFORD HOGS

Expressed C. O. D. subject to your approval. High-winning herd National show. Bred gilts. Boars. Unrelated pigs. Circular.
YALEHURST FARMS, PEORIA, ILL.

MARDALE STOCK FARM OFFERS

Reg. O I C pigs, either sex; also bred sows and gilts. Reg. Milking Shorthorn bulls up to 6 mos.
J. E. HUGENOT, Moline, Kansas

YORKSHIRE HOGS

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

YORKSHIRES

Establishing herd? Changing breeds? Write **CHURCHSIDE 7, Lunenburg, Ontario, Canada**

Dual-Purpose CATTLE

OMAHA SPRING

SHOW AND SALE

MILKING SHORTHORNS

In the pavilion of the Omaha Purebred Sales Co., 30th and L St.

Omaha, Nebr., March 29, 30

100 Head. 20 bulls including a pair of high class tried bulls. 40 fresh or springer cows and heifers. 20 bred heifers. 20 hand picked 4-H heifer calves and baby calves selling separately from their dams. Show of the sale cattle 1:00 P. M. March 29. Meeting and dinner evening of March 29. Auction of sale cattle 12:00 noon March 30. A few Polled Milking Shorthorns sell.

Write for catalog today to
H. C. McKelvie, Sale Manager
Stock Yards Sta., Omaha 7, Nebr.
Aucts.: Burrill Allen, Walt Kruse
W. J. Hardy for Milking Shorthorn Society

WE WANT TO TELL

About this Milking Shorthorn calf quartet of superior breeding that we offer to start your herd. Your choice 3 heifers and a bull from our herd with classification and production records for generations. Most favored in Record of Merit of any single, farmer owned, Kansas herd. Be first to call 6524, Hutchinson, and come 4 miles northeast on K17.

HARRY K. REEVES, Rt. 3, Hutchinson, Kan.

DUALYNN MILKING
SHORTHORNS

Bull calves, related to the National Grand Champion cows, Dualynn Juniper and Hine-Jacket Roan Lou, for sale at reasonable prices. Herd sires: Queenston Babraham RM; Imported Iford Earl Gwynne 11th; Neralcam Admiral and Count Perfection.

JOHN B. GAGE, Eudora, Kansas

MILKING SHORTHORNS

Registered bull calves, red and roan. 3 to 6 months old, sired by the Emperor of Waverly and out of RM cows classified "good plus" and "very good." **LESLIE & LESLIE, Goff, Kan.**

AUCTIONEERS



HAROLD TONN
Auctioneer and
Complete
Sales Service
Write, phone or wire
Haven, Kansas

BERT POWELL
AUCTIONEER

LIVESTOCK AND REAL ESTATE
1329 Plass Avenue Topeka, Kan.

Frank C. Mills, Auctioneer
Alden, Kansas

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

Livestock Advertising Rates

1/2 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

An average of approximately \$375 was made on 66 lots in the L. M. THORNTON Aberdeen-Angus production sale, Garden City, Mo., February 28. No extreme prices were paid but a \$1,000 top was reached on a September yearling heifer by General 5th of Lonjac. She was purchased by Penney and James, Hamilton, Mo. A coming 2-year-old bull sold for \$700 to L. I. Holmes and Son, Miller. He was sired by Repeater of Wheatland. Four more bulls were sold, with the following prices paid by Missouri buyers—\$630, \$500, \$425 and \$400. Several cows with considerable age were sold but satisfactory prices prevailed on these, especially since they were sold in just pasture condition. A number of bull calves were sold off their mothers in the ring and these sold readily at around the \$200 figure. This was the first draft sale from this well-known herd that has consigned a number of top sellers in the Heart-of-America sales and shows, as well as the Missouri State show and sale. Clay Woods, Nashua, Mo., who was just recently elected secretary of the Heart-of-America Association, bought several of the higher-selling females. While Missouri buyers purchased the greater part of the offering of these practical registered Angus, several head went to outstate buyers. Kansas buyers were M. R. Glantz, Blson; Knowle and Thompson, Hepler; Cardinal Acres, Parsons; Black Post Ranch, Olathe; Warren Godfrey, Louisburg. Several head came to these Kansas buyers, who gave the sale good support. The auctioneers were Roy Johnston and Ray Simms, assisted by press representatives.

Despite a cold, blustery February 7, courageous pork producers and breeders seeking new bloodlines and greater quality for their herds, came out in sufficient numbers to guarantee another high-mark sale for O'BRYAN RANCH, where quality Hampshires are grown in large numbers. Edward Manning, owner of Model Farms, at Mundelein, Ill., paid the top price of \$620 for a bred gilt. The top boar sold for \$235, going to Harold McAtee, of St. Paul. Forty-seven head went to Kansas buyers and 19 head were purchased by buyers from Illinois, Missouri, Texas, Oklahoma, Iowa, Louisiana, Minnesota, Nebraska, Colorado and Kentucky. Prices ranged very even, with no extreme tops, and only 2 or 3 selling as low as \$100. One bred gilt went to Jim Steimel, of Hepler, at \$400.

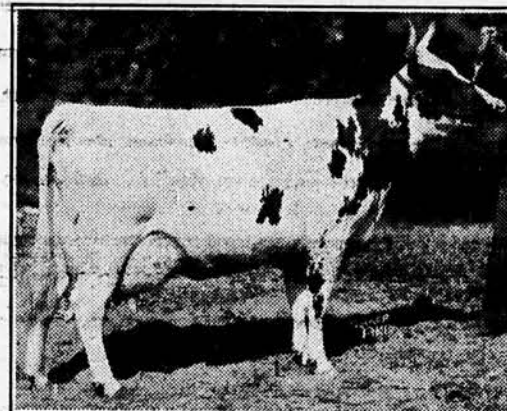
Great Southwest AYRSHIRE Show and Sale

Meade Ayr Farm

Meade, Kan. --- Monday, April 12

Show at 10 A. M. — Sale 12:30 P. M.

95 — Registered Ayrshire — 95



Selling 95 top Ayrshires. All of popular bloodlines. More than 60 cows in milk and near by to calving. 30 heifers, 5 bulls, including a son of the famous Neshaminy Penny. Put a ring around April 12th and plan to spend the day at Meade Ayr.

Judging starts at 10 A. M. Max Hutchinson, owner of the famous Shirley Ayr Farm will be the judge. Write today to Meade Ayr or sale manager for catalog.

MEADE AYR FARM, Byron Fisher, Owner

Frank V. Lile, Sale Manager, Bellefontaine, Ohio
Auctioneer: Col. Geo. Roberts Jesse R. Johnson with Kansas Farmer

Horned & Polled Herefords

Selling in 2nd Annual Show and Sale

At Hays Livestock Sales Pavilion

Hays, Kansas --- March 29

Show at 9:30 A. M. — Sale at 1:00 P. M.

26 BULLS
20 FEMALES

SPECIAL NOTE

Jerry Dortland's consignment consists of 8 heifers all sired by Real Aster 69 grandson of Real Prince Domino 33rd, a very toppy bunch of heifers.

List of Consignors:

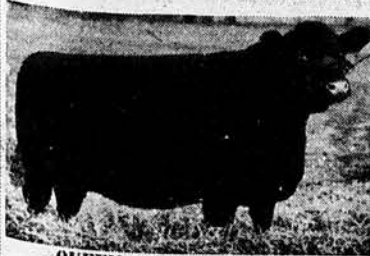
	Bulls	Females
Gerhart Spreen, Ellis	3	0
Massier Bros., Ellis	1	0
Wm. Johnson, Hays	1	0
Vic Roth, Hays	1	2
John Aust, Ellis	1	0
Triple E Ranch, Ellis	2	1
Brannan & Reinhart	1	1
Frank Brannan, Rozel	3	0
Guy Wood & Son, Larned	1	1
Vernon Nowak, Gorham	0	1
J. A. Schoen & Sons, Lenora	0	2
Bernard Mudd, Russell	1	0
Graver Bros., Rush Center	1	0
Jerry Dortland, Gorham	0	8
J. H. Beckman & Sons, Norton	2	0
T. L. Welsh, Abilene	1	2
Sutor Hereford Farms, Zurich	3	0
Walbert Ravenstein, Adams	2	2
Doerschlag & Son	1	0
Wilbur Elliott, Detroit	1	0

Vic Roth, President — Tom Taylor, Vice President

Address all correspondence to N. L. Dinges, Secretary, Hays, Kansas

Freddie Chandler, Auctioneer

Mike Wilson with Kansas Farmer



Polled (Hornless) Shorthorns

Selling Two Yearling Polled Bulls in the Shorthorn Breeders' Sale at Hutchinson, March 24

These bulls are "Cherry Hill Hallmark 2nd," a dark red bull calved on Feb. 1, 1947. His dam is Roan Duchess 2nd. "Silvertip Coronet," a dark red bull calved Feb. 10, 1947. Dam, "Silvertip Lassie." We have 10 other choice young bulls for sale. "Cherry Hill Hallmark" is siring the best lot of calves ever produced in our herd. (Herd established 1907) Farm location 22 miles west and 6 miles south of Hutchinson, Kansas.

QUEEN OF HEARTS 2nd X.

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

Harry Givens' Dispersal Sale Guernseys and Durocs

At farm 2 miles west of town on highway 24.

THURSDAY, MARCH 25

50 DUROCS

10 Bred for March and April (30 bred for May and early June). Bred to sons of Dream King, Cherry Grand and Cherry Leader. Sired by a great son of Golden Fancy.

A great lot of spring and summer gilts (the best lot we have ever offered).

5 strictly top boars ready for service from the Fred Germann herd.



12 Purebred Guernseys

(Not eligible to register). Included is the registered highly bred herd bull from the Ransom herd. The bull's sire was undefeated in the show ring.

For catalog write HARRY GIVENS, Manhattan, Kan.

Aucts.: Powell, Garansen, Euling

Jesse R. Johnson with Kansas Farmer

Central Kansas District Sale Shorthorns and Polled Shorthorns

(Judging Pavilion)

Hutchinson, Wednesday, March 24

Show 9:15 A. M. — Sale 12:30 P. M.

19 BULLS and 25 FEMALES

Offering promising herd bull prospects, few tried and proven sires and good sturdy rugged range bulls. Also extra good quality rich pedigree young bulls. The females are a splendid lot sired by the leading herd bulls of United States. All are of the type and breeding to make first class foundation stock. Buy with confidence.

CONSIGNORS

J. C. Banbury, Plevna
Earl Boyd, Plevna
R. L. Bach, Larned
Guy Chapin, Kinsley
Cantwell & Son, Sterling
C. M. Cummings, Kingsdown
John Dunn, Abbyville
Glenn Flickinger, Abbyville
Earl J. Feiser, Norwich
R. H. Grizzell, Claflin
C. R. Johnson, Sylvia
Love and Love, Partridge
McIlrath Bros., Kingman
R. H. McCallum, Cottonwood Falls
Mills and Mills, Alden
Mr. and Mrs. W. G. Olson, Chanute

We extend a cordial invitation to all interested in Shorthorns to banquet 6:45 P. M. March 23 in "Bisonte Coffee Shop." Make reservations early for rooms and plates from Sale Manager. For other information and catalog write

Frank E. Leslie, Manager, Sterling, Kansas

Jesse R. Johnson with Kansas Farmer

Buy United States Savings Bonds

NCK Hereford Show and Sale

Prison Camp Sale Pavilion

Concordia, Kan., March 23

SHOW 9:30 A. M. — Dr. A. D. Weber, Manhattan, Judge
SALE 12:30 P. M. — Freddie Chandler, Auctioneer



56 Registered Herefords

33 BULLS—Mostly of breeding age.

23 FEMALES—Open and bred heifers and cows with calves.

This is our fourth sale. If you have not been to any of our sales you will be impressed with the quality of most of the entries. Those who have attended our other sales should be at Concordia March 23 to see the wonderful improvement we are making in our consignments.

Consignors:

Ralph Billenwillms & Son, Burr Oak
R. U. Brethour, Green
Bobby Champlin & Sons, Jamestown
C K Ranch, Brookville
D. A. Cramer, Chester, Nebr.
G. G. DeBey, Cawker City
Gene DeBey, Cawker City
Perry Griffith, Beloit
Walter L. Hadley, Portis
Wendell M. Intermill, Mankato
Harry Jeardoe & Son, Belleville
Walter J. Johnson, Gaylord
Jones Hereford Farm, Detroit
Brad Judy, Montrose

L. H. & W. O. Kuhlmann, Chester, Nebr.
L. A. Lohrengel, Washington
Everett Merryfield, Minneapolis
Alvin H. Meyer, Chester, Nebr.
Frank McCreedy, Longford
Lawrence Olson, Kackley
Elmer E. Peterson & Son, Marysville
Carl M. Swenson, Concordia
Emil L. Swenson, Concordia
Carl Wagner, Randolph
H. L. Wampler, Courtland
T. L. Welsh, Abilene
Dr. J. S. Whelan, Concordia

For catalog write

Carl M. Swenson, Concordia, Pres., or
George C. Wreath, Belleville, Kansas, Sale Manager
NORTH CENTRAL KANSAS HEREFORD ASSOCIATION
Mike Wilson with Kansas Farmer

Peirce's Aberdeen-Angus Production Sale

At State Fair Grounds

Hutchinson Wednesday, March 10



Featuring the get and service of Prince Eralan of Sunbeam, a great breeding son of Black Prince of Sunbeam, the 1938 International Grand Champion.

10 Bulls, 4 Open Heifers, 8 Bred Heifers and 18 Bred Cows, some with calves at foot. A three-quarter brother of the \$4,000 bull at Kansas

City last March sells. He is one of the greatest prospects we have ever produced. For catalogs write

HARRY E. PEIRCE, Hutchinson, Kansas, Rt. 4
Auctioneers: Roy Johnston, Ray Simms

MORRIS COUNTY HEREFORD BREEDERS' ASSN. SALE

Sales Pavilion

Council Grove, Kan. — Thursday, March, 18

Show 10:00 A. M. — Sale 1:00 P. M.

24 BULLS — 21 FEMALES

Consignors—13

LLOYD LEWIS, Emporia
J. B. PRICHARD, Dunlap
BECK BROTHERS, Council Grove
J. J. MOXLEY, Council Grove
HARRY LEE, Council Grove
TITUS & STOUT, Cottonwood Falls
MELTON & SEIFERT, Marion

KATHRYN JOHNSON, Alta Vista
WAYNE WARD, Elmdale
NORTON SANDERS, Miller
KANSAS STATE COLLEGE, Manhattan
MILLER & MANNING, Council Grove
AL SCHUETZ, Mercer

The bulls include many ready for heavy service as well as some excellent prospects. The females are bred heifers, cows with calves by side, and also splendid 4-H Club and FFA prospects. This selection is a useful lot with popular bloodlines and popular type, and from herds that produce top sellers in other sales.

All are tested for Bang's and Tb. representatives.
For catalogs, write
F. H. Manning, President, Morris County Hereford Breeders' Assn., Council Grove, Kan.
Joe P. Neill, Secretary, Morris Co. Hereford Breeders' Assn., Council Grove, Kan.
Col. Freddie Chandler and Col. Les Lowe, Auctioneers

Continue Buying U. S. Savings Bonds

Public Sales of Livestock

Aberdeen-Angus Cattle

March 10—Harry E. Peirce, Hutchinson, Kan.
March 13—Reed Stock Farm, Wichita, Kan.
April 17—Mid-Kansas Aberdeen-Angus Association, Hutchinson, Kan. Locke Hershberger, Sale Manager, Little River, Kan.
April 20—Northeast Kansas Aberdeen-Angus Cattle Breeders, Hiawatha, Kan. Harry Dandliker, Secretary.
April 21—Albert Godfrey, South Greenfield, Mo.

Guernsey Cattle

March 8—Floyd Seyb, Meriden, Kan.
May 3—Missouri Guernsey Breeders' Association, Columbia, Mo. H. A. Herman, Secretary, University of Missouri, Columbia, Mo.
May 25—Omaha Spring Breeders' Consignment Sale, 30th and L Sts., H. C. McKelvie, Sale Manager, Omaha 7, Nebr.

Hereford Cattle

March 18—Morris County Hereford Association, Council Grove, Kan. Joe P. Neill, Secretary.
March 19—Northwest Kansas Hereford Association, Atwood, Kan. J. M. Rogers, Sales Manager.
March 22—Lyle Mitchell, Osborne, Kan.
March 23—North Central Kansas Breeders' Association, Concordia, Kan. Dr. Geo. C. Wreath, Belleville, Kan.
March 29—Central Kansas Hereford Association, Hays, Kan. N. L. Dinges, Secretary, Hays, Kan.
April 20—Ozark Hereford Consignment Sale, Union Stock Yards Pavilion, Springfield, Mo. Donald J. Bowman, Sale Manager, Hamilton, Mo.

Polled Hereford Cattle

April 12—Bob White Dispersal sale, Enterprise, Kan.
May 4—Omaha Spring Breeders' Consignment Sale, 30th and L Sts., H. C. McKelvie, Sale Manager, Omaha 7, Nebr.

Holstein Cattle

April 12—Omaha Spring Breeders' Consignment Sale, 30th and L Sts., H. C. McKelvie, Sale Manager, Omaha 7, Nebr.

Ayrshire Cattle

April 12—Meade-Lyre Farm, Meade, Kan. Frank V. Lile, Sale Manager, Bellefontaine, Ohio.

Shorthorn Cattle

March 8—Floyd Seyb, Meriden, Kan.
March 23—North Central Kansas Breeders, Beloit, Kan. Edwin Hedstrom, Secretary, Mankato, Kan.
March 24—Central Kansas Breeders' Association, Hutchinson, Kan. Frank E. Leslie, Sale Manager, Sterling, Kan.
March 31—Southeast Kansas Breeders' Association, Girard, Kan. Phil J. Hellwig, Oswego, Kan.
April 9—Mid-Kansas Shorthorn Breeders Show and Sale, Salina, Kan. Mervin Aegerter, Sale Manager, Seward, Nebr.

Milking Shorthorn Cattle

March 29-30—Omaha Breeders' Spring Show and Consignment Sale, 30th and L Sts., H. C. McKelvie, Sale Manager, Omaha 7, Nebr.

Polled Shorthorn Cattle

March 24—Central Kansas Breeders' Association, Hutchinson, Kan. Frank E. Leslie, Sale Manager, Sterling, Kan.

Duroc Hogs

March 25—Harry Givens, Manhattan, Kan.

Sheep—All Breeds

June 25-26—Midwest Stud Ram Show and Sale, Sedalia, Mo. Rollo E. Singleton, Sales Manager, c/o State Department of Agriculture, Jefferson City, Mo.

Dairy CATTLE

HOLSTEINS FOR SALE

20 Holsteins, 1st and 2nd calf heifers; close springers, extra nice and large, \$200.00. Will sell one or all.

HUGH WHITE, 85th St., 69 Hwy.
Overland Park, Kansas
(South edge Kansas City)

THE SONS OF "BURKE"

In service at
SUNNYMEDE FARM
PABST BURKE LAD STAR
Senior Sire
PABST BURKE NED
Junior Sire

Sons of these sires now available. Herd on 18th consecutive year of Holstein-Friesian Improvement Test.
C. L. E. EDWARDS, Topeka, Kansas

Offering a Real Prospective

12-Month-Old Holstein Bull

Well grown, nicely marked with very good type. Dam, Very Good at 2 years. Sire, an outstanding son of Old Tidy and a great grandson of the Dean bull at Maytag.

P. G. HIEBERT, Hillsboro, Kansas

REG. HOLSTEIN BULL

For Sale—15 months old. Son of an "Excellent" cow. Good type and very good production on both sides.

C. E. GUDENKAUF, Sabetha, Kan.

A Son of Carnation Countryman

For Sale—Born May 24, 1947, from the 3rd prize 4-year-old cow at the Allstate Black and White Show, Topeka, 1947. Record incomplete 4 yr. 285 days 15,193 lbs. milk, 440.6 lbs. fat.

W. G. BIRCHER, Ellsworth, Kansas

BULL CALVES FOR SALE

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

H. A. DRESSLER, Lebo, Kan.

REGISTERED GUERNSEYS

Since 1906 High Production. Correct Type. Popular Bloodlines.
Ransom Farm, Homewood (Franklin Co.), Kan.

Offering BROWN SWISS BULL CALVES

Good quality and breeding. Dams on D. H. I. A. test. Priced reasonable.
BYRON K. WILSON, Rt. 1, Manhattan, Kan.

Beef CATTLE

Listen, Watch and Wait

Mid-Kansas Shorthorn Breeders Show and Sale Salina, Kan., April 9

23 Consignors—65 Shorthorns

Mervin F. Aegerter, Sale Mgr.
Seward, Nebraska

SEE US at the

Central Kansas Shorthorn and Polled Shorthorn Sale Hutchinson, March 24

We are consigning 4 head of Polled Shorthorns. Matchless Dale X—, a solid red, 13-month-old grandson of Oakwood Loyal King and Gloster Dale. He is one of the best bulls we have ever offered for sale.

Velvet King X—, a rugged well-made son of Velvet's Royal 2d.

We are also offering 2 good straight-lined open heifers sired by Loyal Prince X. Both are Bang's vaccinated.

LOVE and LOVE, Partridge, Kan.

Beloit, Kansas March 23 SHORTHORN SALE

We are consigning Washington Commander 2457075 a great son of Command's Diamond 2193482 by Merryvale Farm's good breeding bull, Imp. Beaufort Command. This young bull is dark red and the best we have ever consigned to the Beloit sales and we topped the 1944 and 1945 sales. He is out of one of our very best breeding cows. See this bull.
F. A. DIETZ, Ogallah, Kansas

Our Consignment to the Central Kansas Shorthorn Sale Hutchinson, March 24

The 3-year-old proven sire Kiowa Coronet 5th. Deep bodied, heavy boned, good headed, grandson of International Champion "Cherry Coronet." Visit the farm and see this unpampered bull and his rugged hornless calves.
C. R. Johnson, Prop.
HATH-A-WAY FARMS,
6 miles northeast of town.—SYLVIA, KAN.

A NICE SELECTION

Of Registered Shorthorn Bulls sired by Divide Olympic. Nice colors, good disposition, best of type. Also a few choice heifers.
E. C. LACY and GLENN E. LACY & SON
Miltonvale, Kansas

REGISTERED SHORTHORNS

Bulls — FEMALES — 4-H Calves
C. H. RALSTIN, Mullinville, Kan.

Reg. Beef Type Shorthorns

Several young cows and heifers. Bulls 6 to 24 months old.
ROY E. DICKSON, Calhan, Colorado

20 Head of Aberdeen Angus Heifers

For Sale. Some March yearlings. Mostly sired by Bell Boy bulls. This offering is especially Bang's vaccinated and priced to move quickly.
CLAUSSEN BROTHERS, Russell, Kan.

BEEFMAKER BULLS (Aberdeen-Angus)

Have become a fixed type in the opinion of good judges. They do well for others. Come see them. Next production sale Saturday, March 13, 1948.

C. E. REED
4114 East Central Ave., Wichita 6, Kan.
Telephones 6-8313 residence; farm 6-3868

Reg. Aberdeen-Angus Bull

For Sale—Twenty-two months old.
JOE JAUERNIG, Burlington, Kansas

Beef CATTLE**TRY PLAIN VIEW FARMS
POLLED HEREFORDS**

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

REGISTERED HEREFORDS**15 Bulls — 20 Heifers**

Bulls from 12 to 24 months old. Heifers same ages and breeding, some of them bred. All sired by WHR and OSR Herd Bulls. Same breeding that made our \$550 sale average.

WALNUT VALLEY HEREFORD RANCH
Walt Bros., Owners, Winfield, Kan.

**Our 2-year-old
REG. HERD BULL**

For Sale—Of WHR Lamplighter breeding. The best bull we have ever offered for sale. Also younger bulls.

JONES HEREFORD FARM
Detroit (Dickinson county), Kansas

WHR Domino 2d

For Sale—Son of WHR Princeps Domino 41st. Dam—Miss Domino 2d. Calved March 30, 1942, a very good individual and breeder. We are keeping his heifers reason for selling.

HENRY MILLER & SONS
Milford, Kansas

FOR SALE**1- and 2-Year-Old
Polled Hereford Bulls**

By Plato Aster 35th. Worthmore and Plato breeding. Priced reasonable. Bob White Hereford Farm, James Riffel, Manager, Enterprise, Kan. Woodbine telephone exchange.

The CK RANCH HEREFORD sale, held in the ranch pavilion February 20, broke all records from the standpoint of past sales made by the firm. There was not even standing room and probably a hundred outside at times during the sale. The crowd for size and enthusiasm matched the high quality of the offering. The grand champion, CK Creator 13th, naturally was the big attraction. Second in interest were females bred to him or with calves at foot sired by him. The attractive sire, after spirited bidding, was purchased jointly by Don Hill Farms, Siloam Springs, Ark., and Green Hill Farms, Tulsa, Okla. The price was \$20,000. The top female selling with a bull calf at foot by CK Creator 13th sold for \$5,000 to Borz Bros., Uniontown, Pa. Among the highest-priced sales made to Kansas breeders was the second top on females of \$2,525 paid by Walnut Hill Farm, Great Bend. Foster Farms, Rexford, took the top bull at \$3,500. Buyers were from Arkansas, Oklahoma, Colorado, Nebraska, Missouri, Illinois, West Virginia, Pennsylvania, and Kansas. The sale totaled \$81,445 for a general average of \$1,313 on the 62 lots sold. A. W. Thompson, of Lincoln, Nebr., was the auctioneer.

VERN V. ALBRECHT, of Smith Center, a prominent breeder of Aberdeen Angus cattle, dispersed his fine herd on February 9. A large crowd attended the sale. Vern picked the fairest of days for his sale. The cattle were presented in their everyday working clothes. Thirty head of Angus passed thru the auction ring. The herd sire, Harlan View Revolution, was purchased by Clyde A. Vernon, Oberlin, for \$525, bringing the top price for the day. The entire offering brought an average of more than \$300 a head. Col. Mike Wilson conducted the auction.

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	\$29.25	\$33.50	\$28.00
Hogs	23.50	27.00	29.10
Lambs	21.00	24.75	24.25
Hens, 4 to 5 lbs.	.19	.18	.21
Eggs, Standards	.42 1/2	.41 1/2	.38 1/2
Butterfat, No. 1	.72	.87 1/2	.72
Wheat, No. 2, Hard	2.58 1/2	3.15	2.62
Corn, No. 2, Yellow	2.29 1/2	2.61 1/2	1.69
Oats, No. 2, White	1.30 1/2	1.37	1.02
Barley, No. 2	1.89	2.02	1.46
Alfalfa, No. 1	37.00	38.00	33.00
Prairie, No. 1	18.00	19.00	21.00

Announcing The 13th North Central Kansas Shorthorn Breeders Sale

SELLING

30 Bulls**20 Females****Beloit, Kan., March 23**

In the Shearer Sale
Barn at the east
edge of BELOIT.

Show at
9 A. M.

Sale at
12 Noon

BERT POWELL,
Auctioneer

F. W. BELL
Judge

MIKE WILSON
representing the
Kansas Farmer

Consignors

	Bulls	Females
H. D. Atkinson & Sons, Almena	0	7
Homer Alkier, Belleville	1	0
Booker & Petterson, Beloit	1	3
Jennings Borger, Mankato	1	0
E. I. Chilcott, Mankato	4	0
Alfred Dietz, Wakeeney	1	0
F. A. Dietz, Ogallah	1	0
Harold Dietz, Ogallah	1	0
Henry Dietz, Wakeeney	0	2
Emerson S. Good, Barnard	3	2
Halderson Bros., Glasco	3	0
Truman Johnson, Jamestown	2	0
E. C. Lacy, Miltonvale	3	3
John H. Lilak, Wilson	1	0
Larry W. Lilak, Wilson	1	0
Matt Mortz, Tipton	2	0
Dale Olson, Leonardville	1	0
Julius Olson, Leonardville	3	2
Birt C. Saint, Mankato	1	0
R. R. Walker & Son, Osborne	0	1

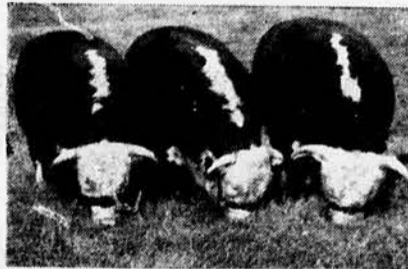
Write for illustrated catalog to:

EDWIN HEDSTROM, Mankato, Kansas

BELOIT is located on U. S. Highway 24 and State Highways 9 and 14

Dispersion of Registered Herefords

Osborne, Kan. March 22



Here is your opportunity to purchase a choice selection of quality Herefords that will either start a good herd or build up and replace your present herd. Many of the females are bred to Princeps Domino 41st, the Lull & Diehl herd bull we purchased in their dispersion. Princeps Domino 41st, was sired by WHR Princeps Domino 46th, the bull which did so much for the improvement of the herd of J. J. Moxley, of Council Grove, Kan. His sire WHR Royal Domino 2d and grandsire Princeps Domino C. have the distinction of being the two highest bulls in the Register of Merit ever developed at WHR. It was this famous bloodline that produced WHR Princeps Mixer, WHR Proud Princeps 9th, and WHR Helmsman 3d.

PRINCEPS DOMINO 41st 3781183

WHR Princeps D. 46th 2344349	WHR Royal Dom. 2d 1849068	Princeps Domino C. 1565007	Princeps Domino 4th Lady Aster 41st
	Brands Pride 32d 1683996	Belle Domino 4th 1014781	Princeps Domino Clara Aster
Jan. 23, 1943.		Onward's Pride 1389901	Onward Domino Miss Beau Pie
	Beau Beauty 5th 2245233	Brands Lucy 8th 1317770	Lucian Perfect M. Leighton 8th
Anxiety Lass 3025802		Foster Anxiety 133d 1933336	Foster Anxiety Creamette 22d
	Lady Domino 1776349	Lady Domino 17th 2047587	Real Pr. Domino Onward's Cora
		Carl Domino 5th 1622751	Carl Domino Elvira Domino
		Thelma 674202	Beau Perf. 38th Miss Leonard 9th

Selling 10 bulls, 4 of serviceable age, 5 yearling bulls and 1 bull calf. The bulls are sons of WHR Royal Domino C., Domino Lad and Princeps Domino L. We are offering 12 cows, good ages, only 2 are over 6 years old. Nearly all will have calves at foot by sale day. Nine are bred to Princeps Domino 41st. Five bred heifers will also sell, all carrying the service of Princeps Domino 41st. Selling 10 open heifers, some are near breeding age and others a year old. The cows and heifers are by Mischief Lamplighter 605th, The Adv. Lamplighter, Princeps Domino L., Anxiety Brummel 37th and Domino Lad.

For catalogue, write

LYLE MITCHELL, Osborne, Kan.

Freddie Chandler, Auctioneer

Mike Wilson with Kansas Farmer

REMEMBER the North Central Kansas Hereford Association Sale at Concordia, on March 23.

Complete GENERAL DISPERSAL SALE

Three-fourths mile North and one mile East

MERIDEN, KAN. — MONDAY, MARCH 8 — 10 A. M.

Lunch on grounds

PUREBRED SHORTHORNS

19 registered, 3 purebred but not registered; 10 cows, all registered, granddaughters Tomson's Proud Archer or Village Count; 1 2-year-old bull, grandson Tomson's Proud Archer; 6 heifers and 2 bull calves. Entire registered herd. Part of J. C. Seyb & Sons' herd, Pretty Prairie, Kansas.

STOCK CALVES

20 head good stock calves and yearlings. All in good condition.

FARM MACHINERY

Clean sweep general line farm implements including one good 1938 W. C. Allis-Chalmers tractor on new rubber.

FLOYD SEYB, Owner, Meriden, Kan.

Auctioneer, Harry Metzger.

Terms Cash

Nothing sold before sale.

GUERNSEY MILK COWS

17 head high-grade Guerneys, ranging from 2 to 9 years old; 13 in milk production. Most of cows from Jo-Mar and Lulu Long Dairy herds. Entire herd shows composite butterfat test of 5.1%, an excellent record.

PIGS

23 feeder pigs, 80 to 100 pounds; one purebred Duroc gilt due to farrow May 11.

HAY

300 bales Lespedeza hay, also 2 stacks of about 10 tons excellent prairie hay.

Hereford Bulls and Females for Sale



At this time we have Young Bulls, Open Heifers and a few summer Yearling Heifers bred to Royal Treadway 51st for sale.

HERD BULLS IN SERVICE: We are using a son of WHR Royal Treadway 8th "Royal Treadway 51st." A son of WHR Brilliant Aster 1st "Brilliant Onward" and a son of Dandy Domino "C N H F Dandy 1st" as our herd sires.

CONGRATULATIONS TO FRANK ZODNEY, SALT FORK, OKLAHOMA, who bought our Reserve Champion and top-selling bull in the Oklahoma-Kansas Hereford breeders sale, Blackwell, Oklahoma, on February 19. We had the second place summer yearling bull in this same show.

RAY RUSK and SON, Wellington, Kansas

Mention KANSAS FARMER When Writing Advertisers



The Tank Truck



"After 19,000 hours...tightened bearings, kept on going!"

William L. Bunker, Delta, Utah, farms 160 acres of his own, and averages 400 acres of custom work each year for his neighbors . . . with his 10-year-old Farmall 20.

Mr. Bunker has used Conoco products for the last 15 years and writes as follows:
 "...my Farmall Tractor ran better than 10,000 hours before making any repairs, then only installed new rings: after 19,000 hours new sleeves and pistons were installed but all bearings being in extra good condition were only tightened up."
 "...considering this I can truthfully say OIL-PLATING gave me results far above my expectations. My mechanic stated, upon removal of pan and head, that it was the cleanest-looking job he had ever seen for such hard service my tractor had been doing."

Chicken Spaghetti Deluxe!



...by Mrs. Howard A. Payne, Hiwassee, Ark.
 1 5-lb. hen cut in pieces
 1 16-oz. box Italian spaghetti
 1 large can mushrooms
 1/2 lb. American cooking cheese
 2 large onions, 2 large green peppers

Steam or boil hen until well done, dice meat in large cubes. Cook unbroken spaghetti in chicken stock. Chop onions and green peppers, fry in small amount of butter or bacon dripping until golden brown, add mushrooms and mushroom liquid. Make a rich cream sauce, using 4 cups or more of milk, add grated cheese, chicken, spaghetti, onions, peppers, mushrooms.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Okla. Get \$5 for each one printed here with your name. If duplicate recipes are received, the one to be published shall be determined solely by Mrs. Wheeler. All recipes sent in become property of Continental Oil Co.

FARM KITCHEN

Produces record 1,238,216 lbs. of sugar

Ed Verhelst of Big Horn, Montana, is the champion sugar beet grower of Colorado, Nebraska, Wyoming and Montana . . . two years running!

Mr. Verhelst's 600-acre irrigated farm is located on the famous Big Horn Bottom, where Lewis and Clark camped in 1806. 8,000 acres of rangeland rounds out Mr. Verhelst's farming activities.

He operates 6 tractors . . . a 22-36 McCormick-Deering, a D-4 Caterpillar, 2 Model H Internationals, a Model M International, and an Oliver '60." Mr. Verhelst writes:

"Nth Motor Oil gives me that nec-

essary added protection . . . to cope with the heavy loads and strains encountered in harvesting my sugar beets. . . . My 22-36 McCormick-Deering has been worked eight years on one set of sleeves and pistons and the Model H International . . . ran from 1941 . . . to the fall of 1946 without takedown for overhaul. . . . My Model M International is 3 years old and never has had the head or pan off. I can recommend Conoco oils and greases as the best for all farm purposes and am well pleased with the service I get from Conoco agent, J. C. Taylor, of Hysham, Montana."



19th harvest with original bearings!

"I give Conoco products much of the credit for the excellent service I have been getting out of my equipment," writes N. A. Langley from his 800-acre farm near Otis, Colorado. "My John Deere tractor, which I purchased in 1937, hadn't had anything done to it until about a week ago when the rings were replaced and the valves ground. The third set of rubber is now on the tractor so you can see it has had a lot of usage."

"My 1929 International combine will be going into its 19th harvest this year. It still has the same rings in it and the valves have been ground only once. . . . I am very particular about my equipment and want to get the most out of it and that is why I use Conoco products."



"The Machart brothers sure believe in 'super-service'..." says Conoco Agent C. H. Wilbur



"...for example, whenever any piece of equipment needs greasing or refueling, they drive their own field-service truck alongside and in a matter of moments the job is done."

"Clarence, Randolph and Arthur Machart farm 3,500 acres in the wheat-raising section of Northeastern Montana, near Peerless," writes Mr. Wilbur. "Their tractors are used continuously throughout the year . . . operating two years between general overhauling jobs. The transmissions and differentials of these tractors have gone seven years now without attention of any kind."

"The Macharts give Nth Oil and OIL-PLATING full credit for this record. They know that (patented) Nth Motor Oil actually fastens an extra film of lubricant to all working parts. That's why they work their equipment hard with full confidence that OIL-PLATING will give them extra protection in the hardest running . . . extra long life . . . and extra economy, too!"

YOUR CONOCO AGENT

Handy nail containers!



Herb Pike of Whiting, Iowa, cuts the corners off ordinary gallon oil cans, crimps the edges, paints them, numbers them and lines them up on his work bench. They're easy to carry, too.

Milk can carrier!



Lawrence Herman, Ellis, Kansas, sent in this good idea. He says this carrier can easily be made out of scrap iron and an old cultivator wheel. A good strong hook in the 2" x 6" board picks up and holds the milk can.

DOLLARS FOR IDEAS!

Send your original ideas to *The Tank Truck* in care of this paper—and get \$5.00 for every one that's printed!

