

Copy 2

Kansas Farmer

LIBRARY
NOV 7 1952
MANFATTAN



CHRISTMAS TREE at the William Roesers stays a cheery green all winter, and has fireproof features, too—it's a tangerine tree.



CAROLING is major holiday project of Clay county 4-H'ers. County council representatives shown here from left, Joyce Nemnich, Lincoln Creek club; Joyce Abels, Hebron Jayhawkers; Linda Rundle, Hayes Boosters; Andrea Green, Podunk Hustlers; Paul Haws, Lincoln Creek; William VanSlike, County 4-H Club agent; Janet Cameron, 49'ers Club; Larry Bartlett, Lincoln Creek, and Barbara Koch, Ladysmith.



Merry Christmas



With something added

CELEBRATING Christmas means a tree and gifts, a manger scene, and happy children, to most of us. But some folks add a personal touch that makes their holiday distinctive. Family customs passed down for generations, trying out something original, or even entering into community-wide projects add that "different" touch.

Big families seem to be synonymous with the most elaborate Christmas preparations and resulting good times. Smaller families unite at the holiday for this warm-hearted "big family" Christmas spirit. It all will make for a chain reaction again this Christmas of good times in homes and communities all across Kansas.

Being one of a family of 13 and having had 6 children of her own, Mrs. Harold Rohrer in Geary county knows what real [Continued on Page 13]



HOLIDAY COOKIES are packed fresh from her kitchen by Mrs. Harold Rohrer, for little boys and girls in her neighborhood. Her son, Hugh, samples some Pfeffernusse, or peppernuts, a German cookie made the size of a marble to fit in a teaspoon for dunking.



- Good Return on Investment.....Page 4
- Soil Tests Will Tell YouPage 7
- Kansas Farm Outlook for 1953.....Page 8

Teach your livestock FENCE MANNERS



106 WEED CHOPPER

with Famous
**International
ELECTRIC FENCES**

- ★ EASY TO INSTALL
- ★ EASY TO MOVE
- ★ KILLS WEEDS AND GRASS
- ★ EFFECTIVE IN DRY CONDITIONS

Here's how to stop your livestock from rubbing down or breaking through your fences. Use electric fences powered by an International Electric Fencer. With a 106 Weed Chopper, your hogs, steers, milk cows, or sheep will learn "fence manners" in a hurry. The International No. 106 has solved fencing problems for thousands of farmers from coast to coast. This controller operates off 110 volts A.C. and is effective on many miles of fence . . . yet the cost is only \$29.50. Grass and weeds short out most electric fences, but not the Weed Chopper. When plant growth touches a fence wire controlled by the No. 106, it is chopped off. The Weed Chopper operates most effectively in dry climatic conditions. Ask your nearest International dealer today for a free demonstration of the No. 106. You'll see why more than 100,000 farmers have purchased this electric fencer.



375 CENTURY

TOP BATTERY MODEL

Another popular International fencer is the No. 375 Century. This de luxe 6 volt self contained battery model is recommended for outside or inside use. Wherever you can drive a ground, the Century will make your livestock back up and respect your fences. The No. 375 has a power output double any other make battery model . . . with a constant effectiveness all the way along your fence lines. It is a superb model for those distant pastures or where electricity is not readily available.

The Century is the most adaptable 6 volt battery fencer—will operate where others fail due to dry climatic conditions. This model has a continuous indicating system with bearings that can be easily cleaned and oiled. It also has super nickel silver points that are easy to clean and maintain. The completely portable Century sells for only \$19.75.



FITS EVERY FENCING CONDITION

There's an International Electric Fencer for every fencing need and the price is right too . . . from \$12.95 to \$32.50. Make sure you buy an International controller, the fencers that are sold from coast to coast and made in Chicago by the International Electric Company. These fencers bear the International Electric Company diamond shaped label shown here. Look for it!

International Electric Company. These fencers bear the International Electric Company diamond shaped label shown here. Look for it!

LIFETIME SERVICE POLICY

The users of International Electric Fencers are fully protected against defective materials and workmanship. Purchasers are also given a lifetime service policy.

FREE FOLDER ON FENCING

You can get a FREE folder on "How to Build a Good Electric Fence" by simply filling out the coupon below and mailing it to the International Fencer Company. This folder explains the most economical methods of using electric fencing and gives you some good tips on putting up fence for best operation.

INTERNATIONAL FENCER CO.

Dept. B, 1105 W. Chicago Ave.
Chicago, Illinois

Please send me a FREE copy of your folder

"HOW TO BUILD A GOOD ELECTRIC FENCE"

This in no way obligates me.

Name

R. R. or Street County

City or Town State

COMING, JANUARY 3 . . .

Most farmers want their farms free of rocks, but in Cowley county, one farmer makes a living from rocks rather than from the soil. You will find the story of this farm enterprise an interesting one that is helping put Kansas on the map. Watch for it in your January 3, 1953, issue of Kansas Farmer.

National Cattlemen's Association Plans Kansas City Event, January 5 to 7

AMONG OUTSTANDING speakers for 56th annual convention of the American National Cattlemen's Association in Kansas City, Mo., January 5 to 7, is Senator Andrew F. Schoepel. The Kansas senator is a prominent member of the Senate Banking and Currency Committee.

Other headline speakers include C. R. Strackbein, chairman of the National Labor-Management Council on Foreign Trade Policy, speaking on tariffs; Stephen H. Hart, National Live Stock Tax Committee attorney, outlining income tax and accounting problems; Wesley A. Hardenbergh, American Meat Institute president, who will

discuss beef processing and marketing problems.

The convention is expected to draw record number of participants from states. Sessions will be held in the Kansas City auditorium. Holding concurrent meetings and social events will be the new American National Cow Belonging organization and the Junior American National Cattlemen's Association. Heading arrangements committee are Charles Waugh, Sharon Sprague, president of Kansas Live Stock Association, convention host group, Fred Olander, Kansas City. Due to recent auto accident, chairman White, Garnett, is unable to serve.

Kansans Win High Honors At International Livestock Exposition

KANSANS—both old and young—did themselves proud at recent International Livestock Exposition, at Chicago. Here are chief winners of competitive livestock exhibits and several honors accorded the 1952 group:

The Montgomery county junior livestock judging team won first place in the Nation, beating rivals from 29 states. Team members are Paul Baker, 17, and LeRoy Tremain, 17, both of Havana, and Warren Keltz, 18, and Bob Sanford, 18, both of Independence. Cecil Eyestone, 4-H agent, coached the team. Warren Keltz was 4th high individual judge.

Prince 105th, registered Angus owned by John and Urban Simon, Madison, was chosen reserve champion breeding bull. The bull was champion at both Kansas Free Fair and Kansas State Fair, reserve champion at American Royal.

Casement-Burtis Won First

A carlot of lightweight short-fed steers consigned by Dan Casement and Orville Burtis, Manhattan, won first place. Mr. Casement's carlot of short-fed, heavyweight steers won a second-place, red ribbon award.

Fifth place winner in intercollegiate meat judging contest was won by the Kansas State College team. Harold Reed, Lyons, won 7th place in individual competition.

Cecil Eyestone, Independence, and Montgomery county 4-H Club agent, was elected a director of the National Association of 4-H Club agents. Forrest Smith, Barton county 4-H agent, was chosen chairman of the national constitution committee of the association.

Stan Creek, faculty adviser of Kansas State College Agricultural Student magazine, was named vice-chairman of the U. S. Association of Agricultural Magazines. He is editor of Kansas Agricultural Experiment Station and a journalism instructor. The KSC magazine was judged second best in the nation.

K-State Won Poultry Judging

Kansas State College won first place in nation in intercollegiate poultry judging. It was the 3rd straight year the college had won this honor. Members of the 1952 team include Dale Davies, Emporia; Leonard Muir, Stockton, and Kenneth Keen, Washington. Coach was T. B. Avery, poultry department at Manhattan. Leonard Muir was second in individual competition.

Dr. A. D. Weber, dean of agriculture, chose the grand champion steer, for the

5th consecutive time—was chosen pick the 1953 winner. A. L. Cleary, agronomy professor, was a judge at International Hay and Grain Show, been since 1935. A Kansan, Clyde Seales, Osawatomie, won the title 1952 International Hay King with exhibit of prairie hay.

U. S. Livestock Men Honor Dan Casement

About 350 leaders of the livestock industry of the United States honored Dan D. Casement, Riley county stockman, at the International Livestock Exposition at Chicago December 2.

A silver bowl trophy was presented to the 84-year-old, nationally-known Kansan in recognition of his many years agriculture. For years, Mr. Casement has exhibited cattle at the International, won many prizes and honors. His Juniata Farms, near Manhattan, are famous in livestock circles, and agricultural writings have appeared in many papers and magazines.

Use Penetrating Oil

My penetrating oil cans save time as well as my good disposition. By keeping one at the house as well as in the machinery shed, all nuts, screws and rusted joints and bolts soon yield, and cans are always where they are needed for home appliances or machinery repair.—C. E. Hudson

KANSAS FARMER

Continuing Mail & Breese

ARTHUR CAPPER... Publisher (1893-1948)

121-123 West 8th St.
Topeka, Kansas
Vol. 89, No. 24

H. S. BLAKE... President and Publisher
Raymond H. Gilkeson... Editor
Dick Mann... Associate Editor
Gordon West... Associate Editor
Mike Burns... Associate Editor
Florence McKinney... Women's Editor
Dr. C. H. Lerrigo... Medical Department
Mike Wilson... Livestock Editor
J. M. Parks... Protective Service Editor
Scherl L. Walquist... Advertising Manager
A. E. Carson... Circulation Manager

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

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., U. S. A., under Act of Congress of March 3, 1879.

Three years, \$1; one year, 50 cents. Copy

Here's TOMORROW'S tractor TODAY!

ANNOUNCING

THE NEW MODEL

UB



You asked for a tractor with MORE MUSCLE... a tractor that's EASIER TO OPERATE... SAFER and MORE COMFORTABLE!

Now... find everything you want in the NEW, 3-4 plow

Farm with the newest of the new! Boost your profits with this great tractor made even greater! Now, the new, advanced MM Model UB Tractor offers far more than ever before. MORE power! EASIER handling! NEW safety! GREATER economy! LONGER-LIFE features that mean even bigger value for your tractor dollar. Read through the advantages listed below. See how much more you get with the new, advanced Minneapolis-Moline UB Tractor. Then, see your MM dealer for a demonstration of America's newest tractor.



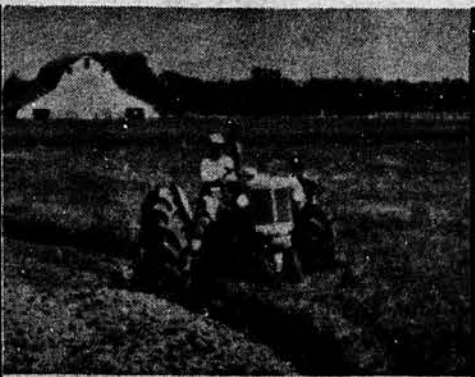
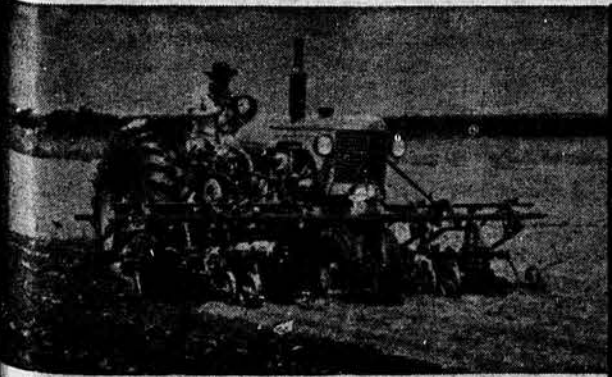
Model UB

THESE ADVANTAGES GIVE YOU NEW POWER, COMFORT, LOWER COSTS, REAL SPEED IN THE FIELD

- MORE POWER!** Higher compression cylinder heads, greater compression ratio give you more horsepower with new fuel economy! PERFORMANCE that adds up to less time in the field, more work done!
- NEW HIGH PLATFORM!** This one big feature gives you greater visibility, puts you up away from dust and heat, provides ample standing room for a change of pace while driving the tractor. Platform gives a safe, solid foundation for new tractor seat.
- NEW IGNITION SYSTEM!** Double the voltage output means easier starting. New position for battery means easier servicing. Sealed beam headlights make night work easier, road travel safer.
- NEW STARTER!** Your Model UB will start time and again where other tractors fail. Shorter cables cut down power loss.
- NEW CENTER LINE STEERING** and "needle bearing" universal joints give you the most responsive, easy to control tractor on the market... equal vision on both sides of tractor. Throttle is right under the steering wheel.
- NEW SAFETY FEATURES** include shield over hydraulic Uni-Matic jack, complete protection from working parts of Uni-Matic and PTO attachments.
- NEW PRESSURE COOLING!** Now the UB Tractor has a cooling system like most automobiles... sealed system cuts out anti-freeze losses.
- AUTOMATIC WEATHER CAP** keeps moisture out of your tractor, stays open automatically while tractor is operating.
- NEW FLOTE-RIDE SEAT!** You've never felt such comfort. New seat pan, new springs to take the shock, new hydraulic cylinder to absorb the rebound... weight, distance from steering column and furrow leveling adjustments. Seat can be flipped back if operator wishes to stand.
- NEW FOOT CLUTCH** is located to the left of the steering column. Large capacity clutch and long pedal make operating easier.
- NEW BRAKE SYSTEM!** You'll appreciate the longer brake pedals (both on the right side of the steering column)... disc type brakes that operate on the transmission countershaft... close spacing that eliminates locking pin... brakes that can be locked in "on" position by foot lever. UB brakes are advanced, respond faster—typical of a tractor that's ahead in so many ways.
- NEW ROLLER DRAWBAR** that can be locked in place or allowed to roll free.
- LIVE POWER TAKE-OFF!** Live PTO lever is convenient to operator. Pulled back, lever disengages tractor wheels but allows PTO shaft to turn and clear clogged or jammed PTO implement. Live PTO is optional equipment on the new UB.
- EXTRA CAPACITY FUEL FILTER.**
- STELLITE EXHAUST VALVE INSERTS** for best high compression performance, longer wear.
- NEW, STRONGER "BOSSES"** on side of transmission case provide far greater strength for front-mounted loaders or implements. Extra bolt holes fit a variety of attachments.
- NEW TOOL BOX** mounted on transmission case, easy to get at.
- LIKE DRIVING THE LATEST MODEL CAR!** MM has designed the new UB to place the steering wheel, throttle, clutch, and brake pedals right in front of the operator where they are naturally and easily reached. And, the UB still keeps the exclusive MM Visionlining that helps make MM Tractors such a pleasure to operate.

SEE YOUR MM DEALER NOW! LOOK OVER THESE BIG TRACTOR IMPROVEMENTS. GET THE FACTS ON LONGER MM TRACTOR LIFE AND BETTER MM PERFORMANCE THAT HAVE PROVED TO SO MANY MODERN FARMERS THAT THEY'RE MONEY AHEAD WHEN THEY FARM MM. YOUR DEALER HAS THE DETAILS. ASK HIM FOR FACTS TODAY!

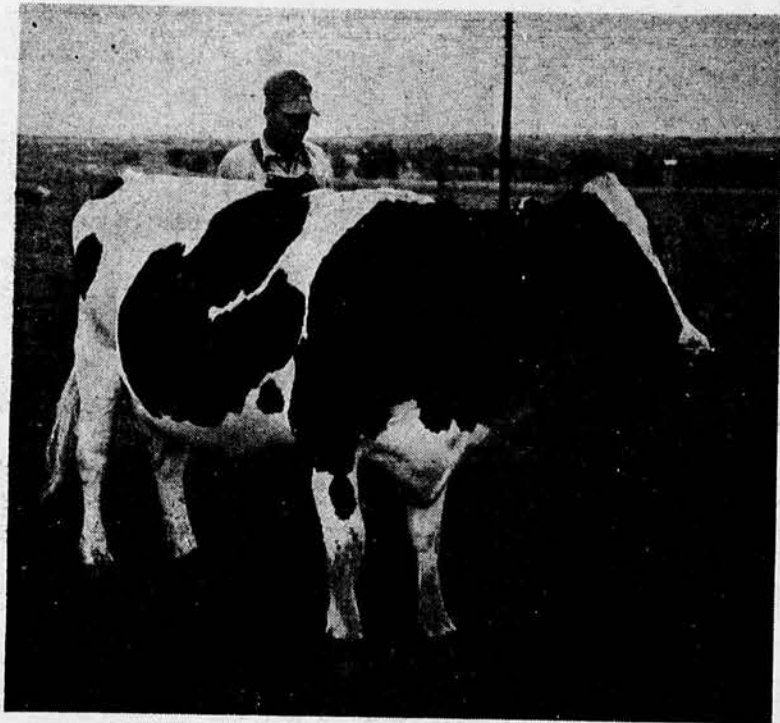
MINNEAPOLIS-MOLINE MINNEAPOLIS 1, MINNESOTA



Here's the Model UB factory-equipped to burn LP gas. Ask your MM dealer about fuel cost savings with MM's advanced LP gas system. And, ask about new comfort features that make every job easier.

It takes the bulk of power that you get with the new, advanced MM Model UB Tractor to hold plowing costs to the very rock bottom.

Stand if you want to. The big, safe platform on the new Model UB gives you plenty of space for a change of pace. Be sure your MM dealer shows you the complete line of Quick-On—Quick-Off tools matched to UB performance.



QUEEN OF McHenry herd is this 5-year-old cow that has made more than \$400 a year above feed costs the last 2 years.

"Pretty Good Return on My Investment"

... Says Dale McHenry

... 156-pound butterfat increase, and pastures that tripled carrying capacity, are results of his system.

YOU HAVE to milk ordinary cows for awhile before you really appreciate good ones. That's why Dale McHenry, young Jefferson county dairyman, gets a little enthusiastic when talking about his herd of purebred Holsteins.

"I started milking grade cows in 1936," says Mr. McHenry, "but it wasn't until 1948 I started testing. That first year my herd average was 275 pounds of butterfat, which is well above the national average, but it just wasn't good enough.

"When 1949 rolled around," he continues, "I headed for Wisconsin and bought 18 head of heifers, some bred and some calves." Looking back on this purchase he believes he made at least a partial mistake. "I wouldn't ever buy any more young calves," he says, "because it takes too long to start getting your money back."

But of one thing he is certain. "I did buy the very best quality I could afford. Every heifer came from herds with at least 400-pound butterfat records."

The wisdom of his choice has been proved on the farm. From 275 pounds of butterfat in 1949, Mr. McHenry jumped his herd average to 431 pounds in 1951, and also won third place in the state contest on herd improvement.

Altho he likes every cow on the place, he is especially fond of the 5-year-old queen of his herd. She is Stone or Two Madcap Katie Homestead, and produced 584 pounds of butterfat and 16,920 pounds of milk in 337 days on twice daily milking in 1951.

"I thought I was putting out a lot of money when I paid \$650 for Katie as a bred heifer," he recalls. "But, already she has added 2 heifer calves to the herd. In 1951 she cleared \$432.89 above feed cost in 305 days, and this year in

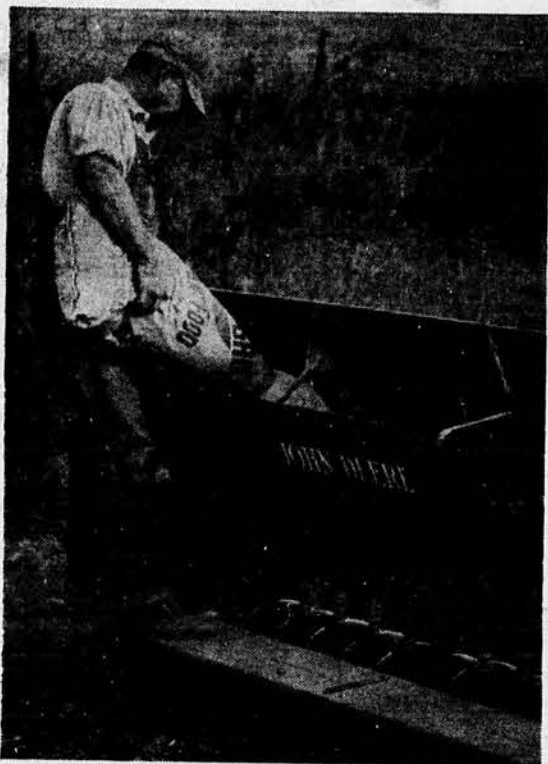
274 days she has cleared \$431.52. That's pretty good return on my investment."

Quality butterfat cows in the herd has proved profitable right down the line, too. The McHenry herd during 1951, with 19 head milking averaged \$239 profit per head above feed cost. "This was done," says Mr. McHenry, "despite the fact I bought all the grain and some hay."

Producing feed for his herd has been a major problem. "I bought this farm in 1945," he says "and it had been farmed on a continuous grain plan for so long it was worn out."

To build up his farm Mr. McHenry has been seeding legumes and grasses and using fertilizer to give them the proper boost. On alfalfa he uses 100 pounds of 45 per cent superphosphate an acre. On a mixture of bluegrass and white clover he fertilizes with 100 pounds of 4-16-0. "I probably should use 200 pounds instead of 100 to get maximum results," he says. All of his grass and legume land has been manured heavily. As a result of his work to improve his grass his

[Continued on Page 5]



FERTILIZER has been used by Mr. McHenry to boost production of grasses and legumes for his dairy herd.



THIS SIMPLE feeding set up is used to feed hay and silage to the high producing Holsteins of Dale McHenry farm, Jefferson county.



KANSAS STATE UNIVERSITY LIBRARY

stures now will carry 3 times as much stock as when he started. Weeds are controlled by 3 and sometimes 4 sowings a year.

Mr. McHenry had 25 acres of Sudan grass year that proved a lifesaver and sowed 25 acres of alfalfa this fall for hay. He also has 15 acres of brome with voluntary red clover in it. The brome in this mixture was treated with 100 pounds of 45 per cent superphosphate this year.

This is the first year he has had any corn but he planted 35 acres. Twenty acres went into the silo along with a 1-acre patch of hegari.

Next to quality of cattle, Mr. McHenry considers feeding the most important part of his program. Heifer calves are started on the bucket, getting milk at the rate of 10 per cent of their body weight. Calf meal is added as soon as possible and calves are gradually worked off milk and onto grain. Corn and oats are added as soon as possible and a mixture of alfalfa-some hay is fed as soon as calves are old enough to handle it. "I like to get heifers up to a weight of at least 1,000 pounds by the time they have their first calf," says Mr. McHenry. He has had a few heifers weighing above 1,300 pounds at first calf time.

Milk cows get 35 to 40 pounds of silage daily, plus alfalfa hay, grain at the rate of 1 pound to each 4 pounds of milk, and a 16 per cent protein supplement.

A very simple feeding setup for hay and silage is used. He built a platform of railroad ties along one fence line in the lot, and uses a ladder-like arrangement along the fence thru which cows can feed. A shallow trough on the ground outside the fence line holds the feed.

Work Begins on Sorghum Milling Plant

Work has begun on world's first sorghum dry milling plant, at Dodge City. Announcement is made on start of construction of a \$25,000 combination laboratory and office building for Grain Products, Inc., adjacent to a new sorghum grain-processing plant and elevator.

Kansas Farmer for April 5, 1952, brought you a story on this plant and the new industry for Western Kansas dry milling of sorghum grains. The plant, representing a final investment of \$750,000 is a memorial to 2 men who were leaders in founding the starch-sorghum industry in Kansas. They are the late Dr. Edward Adams, Kansas State College, and the late Ralph A. Warner, industrial chemist and plant superintendent.

Provisions are being made for future expansions and facilities for some applied research.

Cattle May Need Help

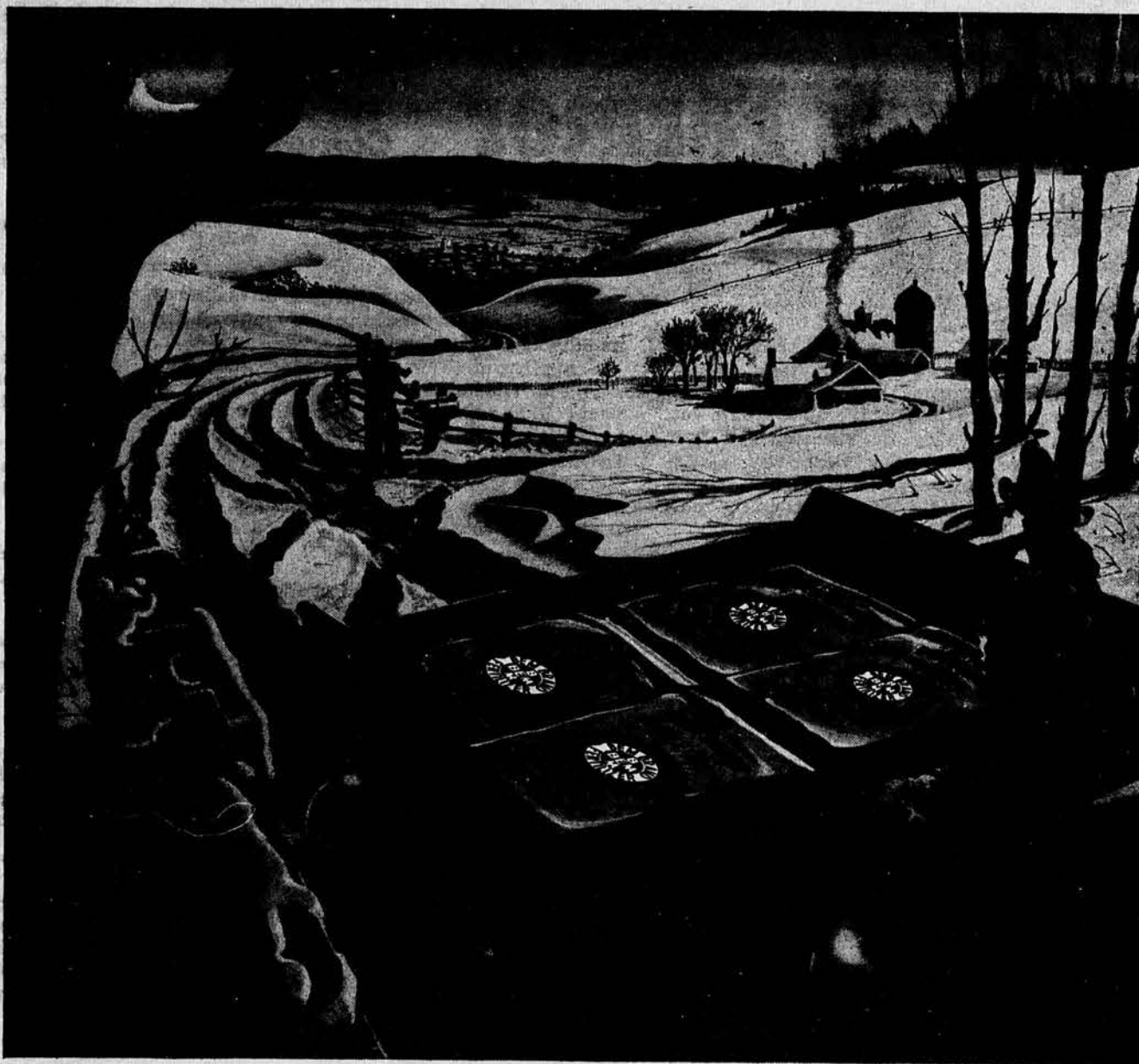
Where the pasture season ended in south this year livestock will need vitamin A added to their rations. That unless they are not now getting green alfalfa, other green-colored hay, bright silage, grass silage, yellow corn, or dehydrated alfalfa pellets.

That is the word of V. E. McAdams, Kansas State College animal husbandman. Vitamin A supplements may be added to any ration, he said. Lack of it causes weak or dead calves and makes cattle generally unthrifty.

Cattle denied a full supply of green grass last summer will need vitamin A put them thru winter in good condition, he said.

Thanks for Writing

Kansas Farmer: My wife and I are regular readers of your paper. I am especially interested in your fine articles on soils and their improvement. We enjoy all your paper. —James G. Bowser, Cherokee Co.



here comes **BEM** the bonus **BRAND!**

WINTER is the time when your farm rests up from a tough growing season, stores moisture, and gets set for the big season that's coming. There's no better time to give your soil a boost with BEM BRAND fertilizer.

You don't have to wait for spring to start applying BEM. In fact, you'll find that it pays extra dividends to store BEM in your soil. That way, your land has plenty of time to assimilate all the nutrients and make the best use of them next spring.

Fertilizing in the winter also means you avoid that last minute rush, makes it certain that you get *exactly* the grades and quantities of BEM BRAND you need. This is so impor-

tant that many farmers buy BEM in the winter even though they don't actually use it until spring.

After all, three feet by five feet of good, dry floor space will hold a full ton of BEM, with bags stacked only eight high. BEM BRAND will stay in good drilling condition until you are ready to apply it. You have everything to gain by laying in your BEM while supplies are plentiful.

Store it in your soil or in your barn. Take your choice of methods, but be sure to choose BEM BRAND, the *bonus* fertilizer, to strengthen your soil for bigger yields, better pastures, and more profits next year. See your dealer today.

BEM BULLETIN BOARD

TEST YOUR SOIL.

YOUR COUNTY AGENT CAN TELL YOU WHAT GRADE OF BEM BRAND IT NEEDS!

LISTEN TO

"FARM PROFIT BUREAU"

WITH SAM SCHNEIDER
12:45 P.M. - M.W.F. on KV00
1170 ON YOUR DIAL

AND

"THE NOON NEWS"
WITH LARRY FINLEY
MON. WED. FRI. ON KCMO
810 ON YOUR DIAL

FREE

FERTILIZER HANDBOOK

WRITE FARM SERVICE DEPT.
THURSTON CHEMICAL CO.
JOPLIN, MO.

Buy **BEM**...the bonus fertilizer!

THURSTON CHEMICAL CO.



Kansas Farmer

News and Comment

Our Wish for You

MERRY CHRISTMAS and HAPPY NEW YEAR from the entire staff of *Kansas Farmer*. We hope many, many of you will be able to have your families together for the holidays. If not, that you will have definite assurance of their safety and well-being. May "Peace which passeth all understanding" be shared by all, giving time to think on the blessings of the past; lending courage for what is ahead.

We hope Christmas season will bring you all the good things that are good for a person. Perhaps not all you may want. We never quite get all we want, and that is good for us. In denying us some things, life gives us the inspiration of worthy goals toward which we can work. Above all we wish you health, an open mind, opportunities for self-improvement, and the respect of those about you.

For the New Year we make this prediction: Your greatest reward will come in the satisfaction of doing something for others. Farm folks know this so well. Helping an unfortunate neighbor, offering the encouragement of a smile, lending support to youth organizations, joining hands for community betterment all offer that opportunity. May 1953 bring you a rich harvest of service for others.

To Study Taxes

A \$1,000 GRANT by Kansas Farm Bureau has been provided Kansas Agricultural Experiment Station for research on assessment and taxation of farm property.

Announcing the grant, Director A. D. Weber said uniform assessment of property is an important step in equitable taxation of farm property. Available information indicates differences in the tax load being carried by properties. Funds provided will be used to examine the situation with respect to personal property and to determine means for improvement.

For Distinguished Service

YOU PROBABLY have heard of Dr. Sam Higginbottom. He has an unusual name. And he is a man of unusually fine qualities, character and abilities. You would know him as the founder of Allahabad Agricultural Institute of India. So outstanding is his work that on December 4, in Chicago, he received the Distinguished Service Award of the American Agricultural Editors' Association for 1952. This association is made up of farm paper editors from all over the United States.



Young man thinking: "Believe me, this is the last time I'll ever show up early for a date with his daughter!"

Undoubtedly this man will go down in history as one of the great benefactors of mankind. Let us tell you briefly about him.

Sam Higginbottom was born in Manchester, England. His family was so poor that at 13 years old he was driving a cab, counting among his fares the prince who became King George V. Determined to get an education, Higginbottom worked his way to America and was graduated from Princeton University. He went out to India as a missionary.

After 6 years of preaching Christianity to the half-starved people of North India, he decided to come back to America and take a course in scientific farming. He spent 2 years in the college of agriculture at Ohio State University, Columbus. By preaching on Sundays as a fill-in minister in churches which proffered use of their pulpits, he raised \$30,000 while going to college. This sum he took back to India in 1909 and started the Allahabad Agricultural Institute on 260 acres of badly-eroded land.

He invented the "wah-wah" plow, so called after the Indian farmers' exclamation of surprise at the way the little steel plowshares turned a smooth furrow. This good seedbed produced 62 bushels of wheat per acre where farmers formerly had harvested 9 bushels.

Doctor Higginbottom taught American agricultural practices to Indian boys and men, and was so successful with demonstrations the government adopted the institute and provided additional buildings and a teaching staff. Doctor Higginbottom retired from active missionary work in 1944 and moved to Babson Park, Fla., where he promptly organized a training center for agricultural and medical missionaries.

Doctor Higginbottom knew Gandhi, and working together they are said to have stopped communism cold. Because he pioneered a way of enabling backward peoples to improve their food production, because his methods have proved an antidote for communism, the American Agricultural Editors' Association voted the Distinguished Service Award for 1952 to Dr. Sam Higginbottom. The story of his life is contained in an autobiography entitled "Sam Higginbottom, Farmer," published by Charles Scribner's Sons.

Make Sure of Scales

YOU CAN make sure your livestock scales are weighing correctly by taking advantage of services of the Weights and Measures Division of the State Board of Agriculture.

The division has 2 heavy-duty trucks carrying 18,000 pounds of test weights which periodically test all livestock and vehicle scales thruout the state. In addition, the division will test farm scales if you desire, such test to be made when a truck is operating in the county.

The law provides when a scale is checked it is either approved or condemned. If it is condemned, the owner is required to have it repaired, and the scale then is rechecked. It must check to within 2 pounds per 1,000 before it is approved. Correspondence should be addressed to J. Fred True, State Sealer, State Board of Agriculture, Topeka, Kan.

To Save Steel

GO EASY on your 1951 car license plates. You must use them another year. To add a touch of color freshness and keep you legal, you'll get 1953 corner tabs done in yellow and blue. Your county treasurer's office will have them to sell starting Friday, January 2. You can buy them



"Sometimes a Swedish cook will get her Irish up and take French leave."

"Dear, don't keep asking me if I'm nearly ready to go. I've been telling you for the last hour I'll be ready in a minute."

"To cure insomnia, the doctor told Father to take a brisk walk before going to bed. So Mother cleared the room, handed Father the baby and said, 'Walk!'"

"When in doubt about kissing a pretty girl, give her the benefit of the doubt!"

"Old hen to young hen: 'Here's a bit of advice. An egg a day keeps the ax away!'"

"Scientifically, coal is of the same composition as the diamond, but at best is only a carbon copy!"

"George hasn't been out one night for 3 weeks, not because he's turned over a new leaf, but because he's turned over a new car! Drive carefully!"

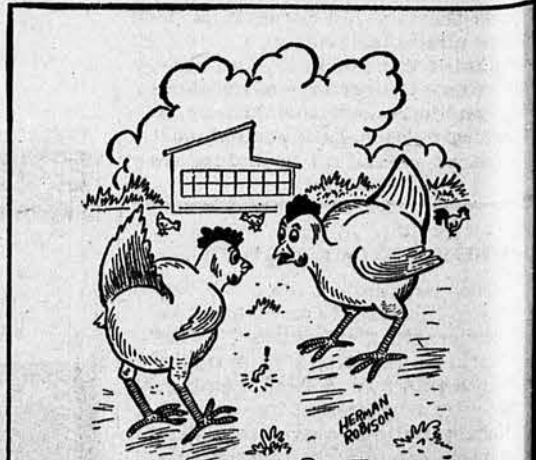
until February 15, 1953, at regular rates according to your car size. After that date a 50-cent penalty will be added. Starting March 1, another 50-cent penalty will be included, with an additional half-dollar for every month thereafter.

Some folks lose their car tags—3,550 bought replacements in 1952. If that happens to you next year you will get new 1953 (L) or loss plates for \$1 a pair. They will be yellow with blue numerals. Folks moving to Kansas from other states and new car owners will get new tags, but they will be 1952 plates with 1953 tabs. Special tags are available for disabled veterans.

Times Do Change

A FRIEND SENT us an old insurance policy for farm property dated 1862. "Thought this might be of interest to farmers," he wrote "since it really gives one an idea of the difference in value of property 100 years ago and now."

Checking thru the policy we find these items were insured: Dwelling house insured for \$60, household furniture for \$50, wearing apparel \$25, provisions \$25, barn \$66, grain in bins and stacks \$40, hay and fodder \$8, livestock \$20—total insurance \$300. Cost of this policy for 5 years was stated as \$7.88 and insured against loss or damage by fire or lightning.



"Well, if humans aren't stupid, then why do they have to WORK for a living?"

Soil Tests Will Tell You for Sure Whether Your Garden Needs Fertilizer

By WILLIAM G. AMSTEIN, Kansas State College

SHOULD I USE commercial fertilizer on my garden? If so, how much and when? These are standard questions every day. Since county soil-testing laboratories have been set up in more counties, we are having many more garden soil samples tested. Many tests indicate very good soil conditions, others are not too good. Nitrogen, phosphorus and potash are the 3 items needed.

In handling fertility needs of many farm gardens, best answer for supplying needed nitrogen and organic matter is use of decomposed barnyard manure. This often can be used at rate of 10 to 20 tons an acre. Where used it is best applied several weeks before planting time and plowed under. Where poultry litter manure is used, not more than one third as much is needed as with cattle or horse manure. In the area of

cause poor foliage, misshapen specimens and delayed ripening, and poorly-colored products. It is the third number on the fertilizer tag. In many locations it can be 0 since enough potash is available in the soil or supplied thru use of manure. Muriate or sulphate of potash are common sources of the material.

Results of soil tests especially in several Southeastern Kansas counties in recent seasons have indicated a need for adding potash. Vegetable crops will respond to additional amounts of potash more than some other crops. Both yields and quality are improved.

More experience with soil tests as well as interpreting the tests will improve our use of information they provide. One sample will not necessarily establish the needs of an entire community. Several tests will help provide the best answers when they are turned into additional crop returns.

After the need for commercial ferti-

lizers is decided upon, including the amount and analysis determined, there is then the need for considering the method of applying it. A good method of applying fertilizer is to put it in bands a short distance, 2 to 4 inches, away from the seed or plants and slightly deeper in the soil. Broadcast applications will probably add more fertility to the whole soil area.

All gardens do not need commercial fertilizers. In Eastern Kansas more gardeners will find the use of phosphate profitable than have ever used it. Additional nitrogen and potash may prove useful. Check your needs with your county agent. Some garden soils are too sour. Use of lime will result in better soil conditions for most crops in acid or sour soil.



"As far as I can make out, it's a letter from a student to his father, asking for money."

Name New Home Agent at Manhattan

New home demonstration agent in Riley county is Mrs. Dorothy Haslett Brinkman. Formerly agent for Morris county, she replaces Marjorie Tennant, who resigned recently to join the Kansas State College Extension publicity staff. Mrs. Brinkman is a 1951 graduate of Kansas State College.

National Agronomy Society Picks Kansan

A Kansan is new national president of American Society of Agronomy. He is Dr. Harold E. Myers, assistant dean of agriculture and associate director of the Kansas Agriculture Experiment Station, also a past national president of Soil Science Society of America, division of American Society of Agronomy.

You Are Welcome

I love to read my *Kansas Farmer* and many thanks for all of the free leaflets and bulletins I have received.—Mrs. Emil A. Kennedy, Sr., Neosho Co.

the garden to be planted to tomatoes and beans we need to avoid too much nitrogen. This problem may develop if large amounts of poultry or sheep manure are used.

Nitrogen provides for growth of the leafy portion of the plant. With cabbage, lettuce, spinach and similar crops it is the edible part of the plant we need to consider. With other plants it serves for growth so the leaves can handle the light and supply elements for plants to use. Lack of nitrogen often makes plants smaller and stunted. Foliage also is a lighter green color.

If Soil Needs Nitrogen

Some gardens may require use of commercial fertilizers where greater amounts of nitrogen are required. Nitrogen is available in mixed fertilizers such as 6-30-0, 4-12-4 and in other mixtures where the first number 6 or 4 refers to the nitrogen. Ammonium nitrate is a Kansas-made nitrogen fertilizer that can be used where large amounts of nitrogen are needed.

Many Kansas garden soils lack phosphorus but the plants may not exhibit symptoms that are recognized. In fact, the dark green foliage may be mistaken for a healthy condition. However, applications of phosphorus made to soil for plants by use of treble phosphate, superphosphate, or other forms will usually show large responses. Manure will not supply the amount of phosphate needed by many garden soils. In fact, the more manure is used, the greater the need may be for adding a phosphate fertilizer.

Phosphate in the soil tends to tie up with the other elements to form compounds that are not handled too well by the plants. Heavier application of phosphate fertilizers in narrower bands will often give better returns. In the fertilizer formula 6-30-0, the number 30 refers to phosphate percentage.

Lack of potassium or potash may

Anniversary Program

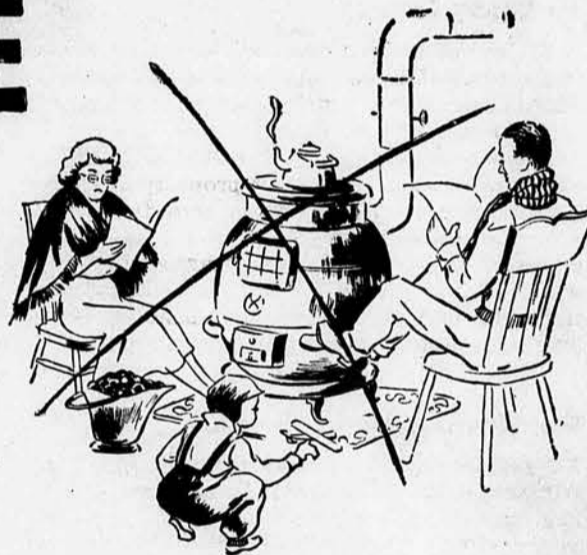
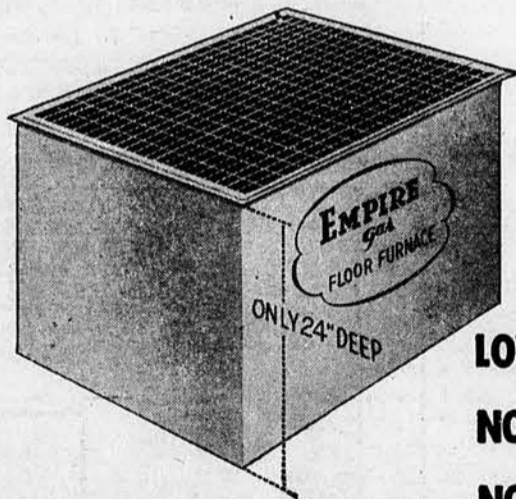
Does your club have an anniversary to celebrate? Our leaflet, "An Anniversary Centerpiece," offers helpful suggestions in planning such a program. Eleven members each are to represent an essential characteristic of a good organization. Entertaining and instructive. Write to Entertainment Editor, *Kansas Farmer*, Topeka, and enclose 5 cents.

Satisfied with your Heating System?

You can do it better with L-P Gas

Using **EMPIRE** L-P Gas

FLOOR FURNACES



LOW FIRST COST

LOW OPERATING COST

NO ASHES TO HANDLE

NO COAL OR FIREWOOD

NO WASTED TIME

NO FUEL WASTED

Used by thousands and thousands of rural homeowners

It's cleaner... It's more dependable.



See YOUR NEAREST L-P GAS DEALER Now!



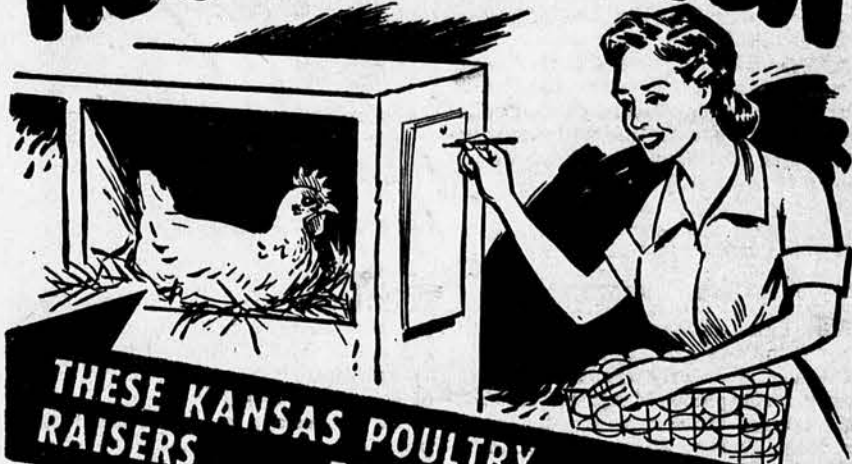
MANUFACTURED BY

EMPIRE STOVE COMPANY

BELLEVILLE, ILLINOIS

WORLD'S LARGEST MANUFACTURER OF Gas FLOOR FURNACES

RECORD BUSTER



THESE KANSAS POULTRY RAISERS . . . TELL YOU WHY . . . THEY FEED

Shellabargers LAYING MASH



"We've been feeding Shellabarger poultry feeds for 6 years now and believe me Shellabarger sure helps me raise healthy, beautiful birds that lay lots of big eggs. We find that selling our eggs to a hatchery is more profitable."

Mrs. Albert Hrabik
Dorrance, Kansas

"I've been feeding Shellabarger for 6 years and believe me I like it! My big beautiful English Leghorns really shell out the eggs. I have always made money on my chickens even when others have found the going tough. I sincerely believe Shellabarger Poultry feeds have helped me plenty to make extra poultry profits!"



John Nowlin
Ogallah, Kansas

"I am a firm believer in good chicks, good care and management and good feed. That's why I use Shellabarger Feeds. I start 'em on Shellabarger Chick Starter and push them right thru on Grower and Laying Mash."

"I've always made money on my hens feeding Shellabarger Laying Mash—my neighbors are beginning to switch to Shellabargers after watching my poultry operation."

Joel McNeas
Canton, Kansas

"I raise about 200 pullets every year and have been feeding Shellabarger Laying Mash for 8 years. Last year I got better than 80% production thru the laying season and I think that's plenty good!"



Kenneth Ruff
Ness City, Kansas

WE CHALLENGE YOU!

Feed your hens Shellabarger "Fortified" Laying Mash and see the difference in profits! Thousands of other successful poultry raisers know it is possible for hens to push egg production to new laying records with Shellabarger Laying Mash. We challenge you to feed your hens Shellabarger this year. Be a RECORD BUSTER! Ask your dealer for Shellabarger Laying Mash today!

KANSAS NO. 1
Laying Mash

Order From Your Nearby
Shellabarger DEALER



Ada Electric Hatchery, Ada
Farmers Elevator, Alexander
Mrs. Everett Allison, Miltonvale
Almena Feed Store, Almena
Barnard Grain Company, Barnard
Beeler Co-op Exchange, Beeler
Bell Produce, Hoxie
C. D. Clark & Sons, Weskan
Bazy Produce, Patco
Dean Grain Company, Agra
Denmark Merc., Denmark
Ebel Brothers, Hillsboro
Farmers Elevator, Behnington
Farmers Co-op Merc., Blacksville
Farmers Elevator, Bloomington
Farmers Grain & Supply, Gray
Farmers Co-op Grain & Supply, Canton
Farmers Elevator, Falun
Farmers Co-op Elevator, Gorham
Farmers Grain & Supply, Hanston
Farmers Produce, Bison
Farmers Produce, Luray
Farmers Elevator, Lucas
Farmers Elevator, Marquette
Farmers Elevator, Plainville
Farmers Union Elevator, Stockton
Farmers Elevator, Wakefield
Farmers Elevator, Waldo

Farmers Elevator, Westfall
Golden Rule Hatchery, Minneapolis
Grinnell Grain Company, Grinnell
Hake Grain Company, Vinton
Hannon Hatchery, Smith Center
Holmquist Elevator, Smolan
Hubbs Produce, Dorrance
Hurlbut Produce, Morland
Legre Grocery Store, Penolwe
Lewist Supply, Leoti
Ling Grain & Supply, Jelmore
Mayer General Store, Olinz
Meyer Grocery, Carlton
Morgenstern Elevator, Utica
Morris City Grain Company, White City
McLaughlin Store, Brookville
Ochs Grain Company, Arnold
Ochs Grain Company, Hoisington
Natoma Produce, Natoma
Norris Grain Company, Clayton
Norris Grain Company, Galatia
Norris Grain Company, Marienthal
Norris Grain Company, Meno
Norris Grain Company, Russell
Norris Grain Company, Woodston
Patterson Produce, Norton
Pyle Elevator, Bogue
Pyle Elevator, Quinter
Pyle Elevator, Shields
Pyle Elevator, Winona

Ramona Co-op Elevator, Ramona
Red Wing Elevator, Red Wing
Robinson Elevator, Buffalo Park
Rodney Milling Company, Crawford
Rodney Milling Company, Langley
Rodney Milling Company, Olinz
Sanners Feed Store, Newton
Schumacker Elevator, Victoria
La Crosse Hatchery, La Crosse
Chas. Seitz, Wakefield
Shaggs Grain Co., Brownell
Stieben Produce, Wakeeney
Switt's Produce, Ransom
Tescott Grain & Feed Co., Tescott
Triuben Grain, Inc., Horace
Wallace County Co-op Equity Exchange, Sharon Springs
Webb Grain Company, Windom
Wende Bros. Produce, Lindberg
Wesselowski Hatchery, Beloit
Whitfield Feed Store, Ness City
Wyatt Grain Co., Delphos
Wyatt Grain Co., Ellis
Wyatt Grain Co., Hill City
Wyatt Grain Co., Oakley
Jewell Elevator, Jewell
Shellabarger Feed Mills, Inc., Salina
Bowlware Grain Co., Sheridan Lake, Colo.
Harmack Grain Co., Cheyenne Wells, Colo.

Shellabarger FEED MILLS, INC.
SALINA, KANSAS

The Kansas Farm Outlook for 1953

Demand for Farm Products Will Be About the Same as in 1952

By GEORGE MONTGOMERY

Department of Agricultural Economics, Kansas State College

KANSAS FARMERS face a less favorable situation than in 1952. Livestock prices are lower than in recent years. Both feed grains and roughages are scarce in Kansas. Feed prices place Kansas producers in an unfavorable situation relative to livestock producers in other areas. Outlook for the winter wheat crop is unfavorable. Volume of products produced and marketed in Kansas during 1953 will be smaller than in recent years. Operating costs will be higher. Net farm income will be lower. Farmers with adequate funds and feed reserves will be best prepared for 1953.



George Montgomery

Demand for farm products is expected to be about the same during 1953 as in 1952. High employment, high industrial production, and generally steady wages and prices are expected to prevail.

Population has continued to increase rapidly. The United States now has more than 157 million people. The portion of the population working, amount of wages they receive, and how they spend their income determine the demand for food. And in turn, the number of persons employed and the level of their wages is determined by government purchases of goods and services, consumer expenditures, business investment, and foreign demand.

A major portion of government spending is for defense purposes. Defense spending probably will reach a peak during 1953 and level off. Non-defense federal expenditures may be curtailed gradually. If federal purchases of goods and services are smaller there may be larger expenditures for roads, schools and other civic improvements.

Consumer expenditures, which are the expenditures of families for food, clothing, housing and transportation, probably will continue near the 1952 rate of 220 billion dollars per year. The level of employment is expected to be maintained and wages probably will remain at current levels so consumer income will be high. Demands for major items of consumer expenditures, such as housing, automobiles, and home equipment, is expected to be strong

altho the demands may not be as urgent as in recent years.

Rate of business investment in new plant and equipment and in inventories probably will not increase during 1953. Productive capacity in the United States has increased sharply in recent years. The existing capacity of plant and equipment appears adequate to meet consumer demand. Foreign demand probably will be smaller during 1953.

The General Price Level: No major change in the general price level is expected during 1953. Supplies of most goods and services probably will be adequate. Sharp upward pressures against prices are not expected. It is probable most price controls and restrictions will be removed by the end of 1953. On the other hand, while large defense expenditures continue and while there is a high level of employment, burdensome supplies of goods and services are not expected to push prices downward.

Major downward adjustments in farm prices, particularly for cattle and hogs, have already occurred. Since prices of wheat, corn, and other basic commodities are supported by a loan

(Continued on Page 9)

GRANDMA

By Charles Kuhn



8-11 CHAR. KUHN

program, further declines in the level of prices received by farmers are not expected.

Costs of Farming: Rising costs of farming will continue to reduce net farm income. For 1953, there is little prospect farm wages will decrease. Farm labor will continue to be scarce. Farmers will continue to substitute machinery and mechanical power for employed labor. Machinery, equipment, and home appliances probably will not be cheaper in price, but more favorable trade-in allowances and terms may be available. Some costs of farming, such as property taxes, repairs, and maintenance, undoubtedly will be higher. Because of scarcity of labor, farmers may make more off-farm purchases of such things as feed. Farmers probably will have more jobs done by custom hiring.

Farming Conditions: Serious scarcity of farm labor will continue during 1953. Military service and attractive wages in defense plants will make it difficult to hire farm workers either seasonally or on an annual basis. In addition to scarcity of labor, Kansas farmers are faced with a serious feed shortage. Resourcefulness, ingenuity, and adequate knowledge about proper feeding and economical purchases of feeds will be needed to carry herds and breeding stock thru winter. Feeding ratios will be less favorable in Kansas than the major Corn Belt areas owing to the necessity of shipping in feed. Livestock fattening projects, or expansion of livestock operations, should be undertaken only if there is assurance of the source of the feed supply.

Supplies of machinery, equipment, fertilizer and home appliances are expected to be adequate. Seed of adapted varieties of grain sorghums will be scarce.

Fall seeding conditions point to a small winter wheat crop for 1953. This situation will result in smaller cash income in the summer of 1953, but it should offer an opportunity to produce a feed crop and build up feed grain reserves. Production of feed grains and roughages and wise utilization of pastures will be essential.

Wheat: The current situation indicates a small winter wheat crop for 1953. However, there is no indication of scarcity of wheat supplies. It is expected the carryover next July will be about 550 million bushels. Even with a small crop next year, there will be enough wheat to meet domestic needs. It is expected wheat prices will continue to be supported by a loan program based on parity. Wheat prices probably will remain near the level prevailing for the current season.

Feed: Both roughage and grain are in short supply in Kansas. Both hay and grain prices are expected to be on a ship-in basis for most areas of the state until new crops are harvested. This means unfavorable feeding ratios relative to other areas of the country.

The present situation demands careful appraisal of feeding opportunities. In some areas, grain, even at present prices, may be more economical than hay at shipped-in prices.

Hogs: Hog production in the United States in 1953 probably will be about the same as in 1952. Per capita supplies of pork for the year are expected to be slightly less than during 1952 because of the smaller 1952 fall pig crop. Adjustment in hog prices appears to have been completed. The year 1953 should be a period of gradual recovery.

Cattle: Some further increase in the number of cattle on farms on January 1 is expected. Current estimates indicate 91.5 million head, which would be an increase of 3.5 million head since January 1, 1952. Marketings of cattle are expected to increase about 10 per cent during 1953. Prices of slaughter cattle probably will be slightly lower.

Because of the feed situation, Kansas farmers probably will not undertake extensive feeding operations or increases in numbers. However, farmers who have feed probably will find it profitable to maintain operations on a normal basis, since it appears most of the downward adjustment in cattle prices has occurred.

Sheep and Lambs: The increased marketings of sheep and lambs during 1952 indicate the rise in sheep numbers has ended temporarily. The per capita supply of lamb and mutton will be less than in 1952. Lamb prices are expected to average about the same as during 1952.

Dairy Products: Dairying probably will improve compared to returns from alternative lines of production. Feed and labor will be serious problems. The cash returns probably will be attractive to farmers who have the feed, labor and equipment for fluid milk production.

Poultry and Eggs: Demand for poultry and eggs is expected to continue strong during 1953. Egg supplies during the spring are expected to be smaller and prices higher than during the spring of 1952. Broiler output is expected to be larger and prices probably will be near or slightly below 1952 levels.

Farm Planning for 1953:

1. Watch costs. The period of rising prices for farm products has ended. Cost may continue to rise gradually.
2. Shop for feed. Find the best values in purchases of feed.
3. Don't give up livestock programs if feed is available to continue. This is a regional drought, not a depression situation.
4. Plan to produce more feed and build up feed reserves during 1953. Kansas is an area where carrying feed reserves pays big dividends.
5. Be cautious in making long-time commitments for land and equipment.

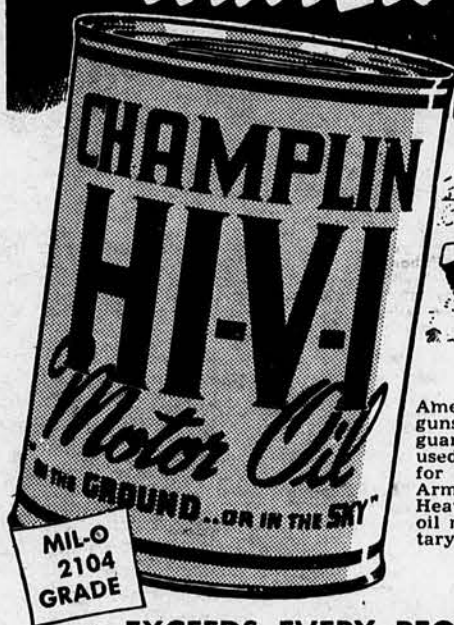
I WONDER HOW THAT STARTED

"Make 2 blades of grass grow where only 1 grew before"

This ancient saying is believed to come from Jonathan Swift, "Travels of Lemuel Gulliver," in 1726. In a chapter he said a person who could make 2 blades of grass grow where only 1 grew before "would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together." In sacred writings of the ancient Persians, same idea is expressed. So Swift may only have popularized the saying.



CHAMPLIN HI-V-I
Premium
HEAVY DUTY MOTOR OIL
On Guard
against
WINTER WEAR

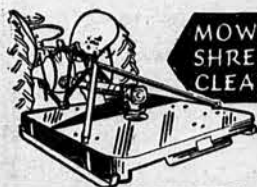


America's military equipment... tanks, guns, ships, planes... is constantly on guard, ready for any emergency. Oil used in these engines must be approved for heavy-duty service by the U. S. Army Ordnance committee. Champlin Heavy-Duty HI-V-I MIL-O-2104 grade oil meets and exceeds these rigid military specifications!

EXCEEDS EVERY REQUIREMENT FOR HEAVY DUTY SERVICE
flows freely at zero and below!

This winter, put Champlin Heavy-Duty HI-V-I on guard against wear in your car, truck and tractor engines. Let its added film strength protect metal surfaces... it clings like a leech! Let Heavy-Duty HI-V-I disperse and carry off all harmful contaminants... neutralize combustion acids, so that they can't corrode pistons, rings, bearings and other engine parts. Let Heavy-Duty HI-V-I protect engines against the invasion of rust, abrasion and the gummy sludge that causes valves to stick! Engines run better, with Heavy-Duty HI-V-I motor oil on guard against wear!

a product of
CHAMPLIN REFINING COMPANY, Enid, Okla.



**MOWS PASTURES
SHREDS STALKS
CLEARS LAND**

**NEW Model 53
B.M.B.**

**UTILITY CUTTER
Fits all 3-point
Hook-up tractors**

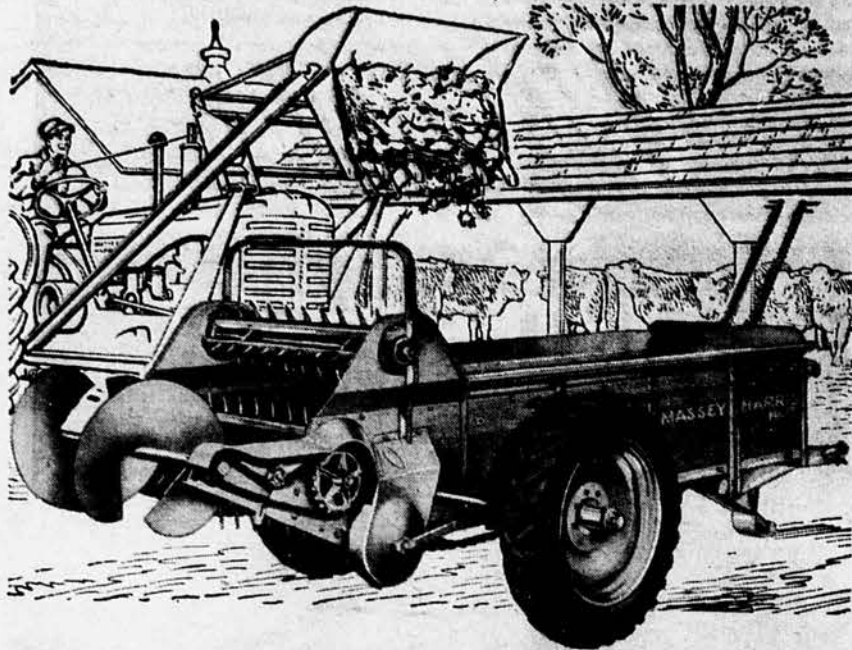
Does Every Cutting Job Better... Safer
Now! The safest, most efficient cutter on the market. Shreds stalks, crop residue, cover crops; clears sage, buck brush, maintains pastures. 6 baffles removable to fit any cutting job. Cuts 40" or 60" swath, forward or reverse. Built to last; low in price; write for Free folder c/o Dept. 55.

B.M.B. Company, Inc. HOLTON, KANSAS

**Personal
To Women With
Nagging Backache**

Nagging backache, loss of pep and energy, headaches and dizziness may be due to slowdown of kidney function. Doctors say good kidney function is very important to good health. When some everyday condition, such as stress and strain, causes this important function to slow down, many folks suffer nagging backache—feel miserable. Minor bladder irritations due to cold or wrong diet may cause getting up nights or frequent passages. Don't neglect your kidneys if these conditions bother you. Try Doan's Pills—a mild diuretic. Used successfully by millions for over 50 years. It's amazing how many times Doan's give happy relief from these discomforts—help the 15 miles of kidney tubes and filters flush out waste. Get Doan's Pills today!

Cover more acres in fewer trips



MASSEY-HARRIS New No. 15 — 90 Bushel Manure Spreader

HERE'S the spreader to get the job done in fewer trips, at lower cost. It has a combination of time-saving features that makes your time more productive.

First of all, it goes on and off your tractor in less than a minute . . . with no lifting or strain. Just a simple twist of the hand crank and the drawbar is at hook-up level. It's so easy that you don't have to wait until the manure piles up. Spread when the manure is fresh and contains the greatest fertilizer value.

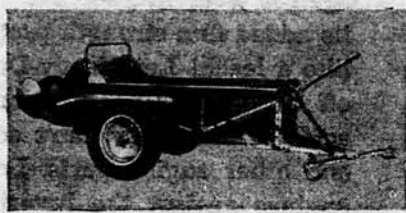
The sides of the Massey-Harris 15 Spreader are extra low for easy loading. Moreover, the 15 Spreader has the strength to take the sudden weight of heavy loads dropped by automatic conveyors and loaders. Axle is larger, frame tough and reinforced, wood parts large and treated with acid resistant material. A wide metal flange protects the top and sides . . . prevents slop overs.

Two wheel design saves more time. You handle the No. 15 easier in close quarters . . . turn out quickly in the corners. Large 7.50 x 24 tires carry the No. 15. Wheels are positioned to keep just enough weight on the tractor hitch for

good balance and traction — regardless of load position.

Five separate conveyor speeds let you spread according to the needs of your land. Staggered beater heads assure positive shredding . . . a constant flow of uniformly pulverized material to the spiral type distributor.

Your Massey-Harris Dealer will be glad to give complete information on the new Massey-Harris No. 15 Spreader. See him soon . . . for the top values in all your farming needs. The Massey-Harris Company, Quality Avenue. Dept. M-75, Racine, Wisconsin.



For smaller herds and acreages, the 70 bushel No. 11 Spreader or the 47 bushel No. 10T are ideal units. Designed along the lines of the No. 15, they help you do a fast, efficient job of building up soil fertility.

Make it a Massey-Harris

Parts and Service through more than 2500 Authorized Dealers

HELP!

Place Your Help Wanted Ad in
KANSAS FARMER
Classified Rate: 10c a word,
12 words minimum.

Join Your 1953 County Farm Bureau

Work with 64,700 Kansas farm families in 105 Kansas county Farm Bureaus sponsoring a program dedicated not only to the welfare of agriculture, but also to the preservation of a sound economy in our state and nation. Contact your county Farm Bureau office now!



Dwight Hull SAYS . . .

Keen Interest Found in Judging School

KANSAS HOLSTEIN breeders are to be commended for initiating a school of judging. It was held on Thursday the week of Kansas State Fair, at Hutchinson.

Most breeders of dairy cattle are very much interested in knowing what to look for in selecting animals from a type standpoint. In other words, how to judge a dairy animal. Not that they necessarily want to become judges, but because type plays a very important part in improvement of any dairy herd. A breeder who has the knowledge and ability to select and mate animals of best type has a headstart over a breeder who fails to recognize good type.

Kansas Holstein breeders felt there was a need and demand for more breeders having opportunity to improve their knowledge of judging. They, therefore, planned and successfully conducted a judging school held this year for the first time at Hutchinson during fair week. They obtained co-operation of Prof. F. W. Atkeson, head of the dairy department at Kansas State College, and Dr. Glenn Beck, also of the dairy department, to conduct the school, and instruct the group.

Breeders who participated were selected by various Holstein breed districts of the state, each district being limited to 4 breeders. Obviously it was necessary to limit the number in any one year. Otherwise the class might be so large it could not be successfully conducted. By having districts select breeders it gave breeders from all parts of the state an opportunity to attend.

A committee was appointed to select cattle to be judged. It included Earl Phillips, of Manhattan; Harold Scanlon, of Abilene, and Bill Beezley, of Girard. Since this school was held after the Holstein cattle had been judged, effort was made to mix ages so the previous judging would have as little

influence as possible in the new school. Professor Atkeson opened the morning session by stating the school had purposes. One to teach breeders more about cattle judging; second to prepare some breeders to handle judging at district and county shows. He then gave a discussion on judging methods and ring technique. Breeders then placed classes of cattle. Aged cows, yearling and bull classes were used.

Next thing breeders were asked to do was place classes on parts. For example, place the class according to set feet and legs, then place them considering levelness and size of rump, and again considering body capacity. All the main parts or characteristics looked for in a good dairy animal were judged. After each placing Professor Atkeson would place them and discuss reasons for so placing them.

Each Gave His Reasons

In the afternoon Doctor Beck gave discussion on how to give a good set of reasons. Each breeder then had opportunity to give his reasons in placing the class as he did. Breeders attending the school were scored on ability to place classes and to give reasons.

It was felt by all who participated this was an excellent time and place to hold such a school. Cattle were already fitted for showing in sufficient numbers. Also, facilities for conducting such a school are ideal.

Breeders were highly pleased with the school and decided more time should be spent in placing classes on various parts another year.

We are inclined to think this is a grand idea and other breeds should follow the example set. Since district meetings of various breeds will soon be held, this would be an ideal time to find out whether other breeders are interested in such a school.

State's Big Poultry Industry on Display At Annual Kansas Exposition

KANSAS' 86-MILLION-DOLLAR poultry industry was on display December 3 to 5, at Emporia, when the Kansas Poultry Improvement Association held its annual exposition.

Quality chickens, turkeys and eggs competed for state prizes and honors. There were exhibits and an educational speaking program that emphasized modern equipment and methods for progressive poultrymen to obtain high egg production from better flocks. There were demonstrations on how to prepare chickens for market and new and better ways of preparing chicken and turkey for the dinner table.

About 600 persons attended the annual barbecue chicken dinner held Thursday evening in Emporia Civic Auditorium. Timber fires had been built in 2 barbecue pits early that afternoon and Kansas State College poultry department faculty and students cooked the chickens. Champion eater was William Rogers, Emporia FFA member—who ate 4 half chickens. A turkey auction was held Friday afternoon.

Kansas State College poultry department had an educational exhibit demonstrating latest feeding and breeding methods, exhibition poultry and special incubator.

These men were named to serve on the executive committee of the State Poultry Improvement Association: Clarence Hoopes, Anthony, chairman; Floyd Raymond, Fredonia, vice-chairman; R. G. Christie, Belleville, (direc-

tor) American Poultry Hatchery Federation representative; and M. A. Seaton, Manhattan, Kansas State College representative. Elected to the board of the flock group within the association were: A. D. Mall, Clay Center, and Floyd Pike. The hatchery group elected as board members: John De Forest, Peabody, and Robert Maxwell, Wichita.

Following are chief winners of competitive exhibits:

Hatchery Flock Exhibits

White Leghorns: Triplett Leghorn Farm, Topeka, blue ribbon and grand champion.

White Rocks: Mrs. Ted Breuer, Burlington, blue ribbon pen.

New Hampshires: Frank Strickler, Burlington, blue ribbon pen.

Egg Show

White Eggs: Carl Rathke, Olpe, blue ribbon and grand champion; Fred Johnson, Emporia, red and white ribbons.

Brown Eggs: Mrs. Howard Eminger, Emporia, red ribbon; Frank Strickler, Burlington, white ribbon.

Dressed Turkey Show

Oven-dressed Division: Ingersoll Turkey Farm, Michigan Valley, overall grand champion, tom, 32 pounds; Ingersoll Farm, reserve grand champion, hen, 19 pounds 8 ounces.

Box Pack Division: Hilltop Turkey Farm, McPherson, grand champion hen; Ingersoll Turkey Farm, Michigan Valley, reserve champion tom and hen.

Thoughts TO LIVE BY

"Christmas Again"

NO ONE KNOWS when the celebration of Christmas began. The resurrection of Christ has been observed the first day of the week ever since it took place. But we don't even know the exact date when Jesus was born. At first, the date didn't seem important. When the desire to celebrate the anniversary of his birth arose, a season was chosen which coincided with the Jewish Chanuca and the Roman Saturnalia. So at the beginning of the winter season, the Christians as well as devotees of other faiths have their religious festivities.

Christmas customs change from community to community. In Holland, wooden shoes are filled with presents just as stockings are in our country. Even within our own culture, Christmas customs change with passing years. It was not so long ago that family celebrations began on Christmas Eve and lasted until New Years Day or Twelfth Night. Now, stores put out their Christmas displays at the Halloween season, and families decorate their trees a couple weeks before Christmas. It may be that Christmas will become an anticlimax. Many oldsters may remember spending hours popping and stringing corn to hang on the Christmas tree. That is an experience which few young folks have today. But despite these changing customs, there are timeless factors which do not change. The weight of

military might still rests heavily upon the shoulders of people. There are still displaced persons for whom there is no room in the inn of society. Selfish interests of people harden them to the needs of others. Jealousy is as cruel and bloody in the twentieth century as it was in the first one.

At the beginning of the third chapter of Luke, we find the names of various rulers: Tiberius Caesar, Pontius Pilate, Herod and others. In this way, Luke dated the beginning of the ministry of John the Baptist, who was the forerunner of Jesus. A look at that list suggests corruption, cruelty and despotism. In such a time, and into such a situation, God came. "The Word was made flesh and dwelt among us." These conditions still continue. How fortunate are we to have the anniversary of Christ's birth with its message of peace and good will, with its assurance that God cares, coming again! A look at our times makes us realize Christmas is coming none too soon.

Like many of the other gifts of God, it requires our acceptance. It is within our power to make it a holy day of blessing to many, or to let it degenerate into a period of commercialism and revelry. Christmas is here again, and the choice of what it will be and mean is ours. May it be for you, dear reader, a very Merry Christmas! —Larry Schwarz

No. 2 in series of articles
on how to grow house plants

Best Place to Grow Your House Plants

By FRANK PAYNE

BEST PLACE for most house plants is a sunny south window, especially in winter. This applies to all plants that love sunshine. For other flowers a north east window is best; African violets and ferns do well in such windows. A west window is least desirable for almost all plants.

Some plants that like heat will do well in the living room which is usually the warmest place in the house. Other plants must have a cooler spot where the temperature is only 50 to 60 degrees. One of the best features about most homes is the freshness of atmosphere where no moisture is added to heating methods. That is why greenhouses and conservatories grow flowers to a perfection with rich, green foliage and beautiful large blossoms. They control the atmosphere as well as temperature. I have been in many of them and quickly notice the difference in rooms that grow different plants. Some are waxy hot, almost steamy, while others are cool.

Some plants do mighty well in kitchen windows. Steam from cooking seems to be the right amount of moisture to the atmosphere and make it just right for many flowers. Geraniums can stand in kitchen nicely in winter if not allowed to get too cold and freeze.

PHILODENDRON is easiest of all house foliage vines to grow in either water or soil. Most common sort is the heart-shaped leaf, yet there are many other and various colored leaves now available for sale by your greenhouse or florist.

If grown in water be sure to put a piece of charcoal in the container to keep the water from souring. If planted in soil, do not make it too rich as it does

not need much fertilizer in the pot. Philodendron will grow as long as 20 feet under ideal conditions in a greenhouse, but about 2 feet would be an average for ordinary growth in your home. It does fine in fancy pots of brass, copper and the planters attached to lamps seen in many homes today.

Make a "Totem Pole"

Here is what you can do with philodendron when it gets too long for your pot and you have several of the plants. Either make cuttings for more plants and start them growing in water or make a "Totem Pole."

It is quite easy to make this pole if you have 3 or 4 nice growing plants with 2- to 3-foot vines. Take a large-size pot and fill it with earth. A round, stout, heavy stick or limb from a tree at least one inch in diameter and about 18 inches tall should be planted in the center of the pot. Then wrap sphagnum moss (this is the gray-green kind packed around roots of plants when they are shipped, quite different from peat moss) all around this stick, tying it on with heavy green-colored twine or real coarse thread.

Wet the moss well and wind vines of the philodendron around the pole of moss, holding in place with small, short hairpins every few inches. Keep this moss well watered and dampened daily. In a short time you will have the most beautiful upright-growing foliage plant in your home that gets more beautiful the longer you care for it and grow it in this manner.

Watch for another article by Mr. Payne in your January 3, 1953, issue of Kansas Farmer.

Order Now! Save Now! Pay Later!

Get your oils and greases on the
Phillips 66 Advance Order Plan!



HERE'S HOW THE PLAN WORKS: Order your Phillips 66 Motor Oils, Gear Oils, and Greases now. Set a delivery date before May 31, 1953.

The single delivery saves us time, trouble and handling expense. So we can offer you these special benefits:

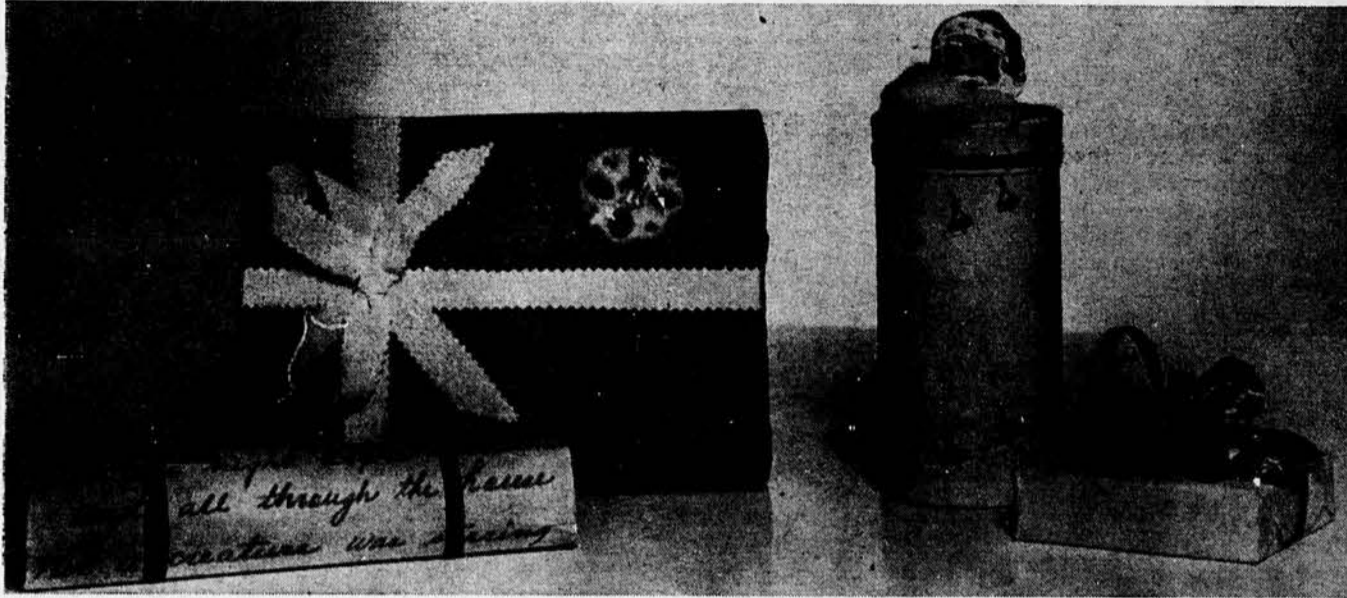
- Money-Saving Discounts
- Discounts on Orders as Small as 15 Gallons
- Protection against Price Increases
- No Down Payment—No Cash Outlay
- The Products You Need When You Need Them

And most important, you get famous Phillips 66 Products . . . products you can depend on. You get Phillips 66 Heavy Duty Premium Motor Oil . . . the oil that's so good it actually surpasses manufacturers' recommendations for all makes of cars . . . an oil that's truly heavy duty so it will protect your truck and tractor, too.

See your Phillips 66 Tank Truck Driver. Get your order in and save on Phillips 66 Motor Oils, Gear Oils and Greases.

Kansas Farm Home and Family

FLORENCE MCKINNEY, Editor



A WHITE MUSLIN STRIP (at left) pinked on edges makes interesting ribbon on bright-blue or red box. Name in icing on cookie is used as a tag.

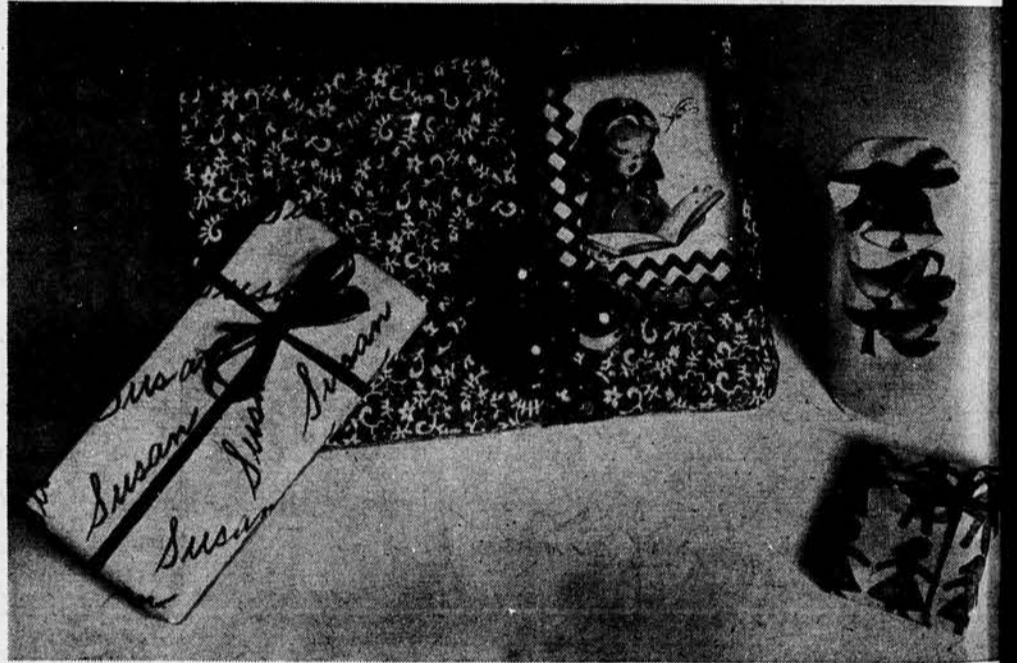


A LENGTH of cotton print (below) covers a Christmas package. Make it long enough to make an apron later. Little folks love to see their names written over all their packages.

Last Minute Tips . . .

★ WRAP THEM

Gaily



IT IS MORE fun to take materials at hand and use your imagination in wrapping last minute Christmas gifts than to spend a lot of money. But before you begin, gather all your materials, put them on a bridge table and keep them there until the job is complete.

One gift here is wrapped in an apron length piece of cotton print, tied with rust-colored rick-rack instead of ribbon. Two gifts this makes, one inside the box, one outside. And moreover, it will bring loud praise from all who see it. A pretty last year's Christmas card, 3 glass tree ornaments add interest to the package.

Old Christmas cards are used on 2 other

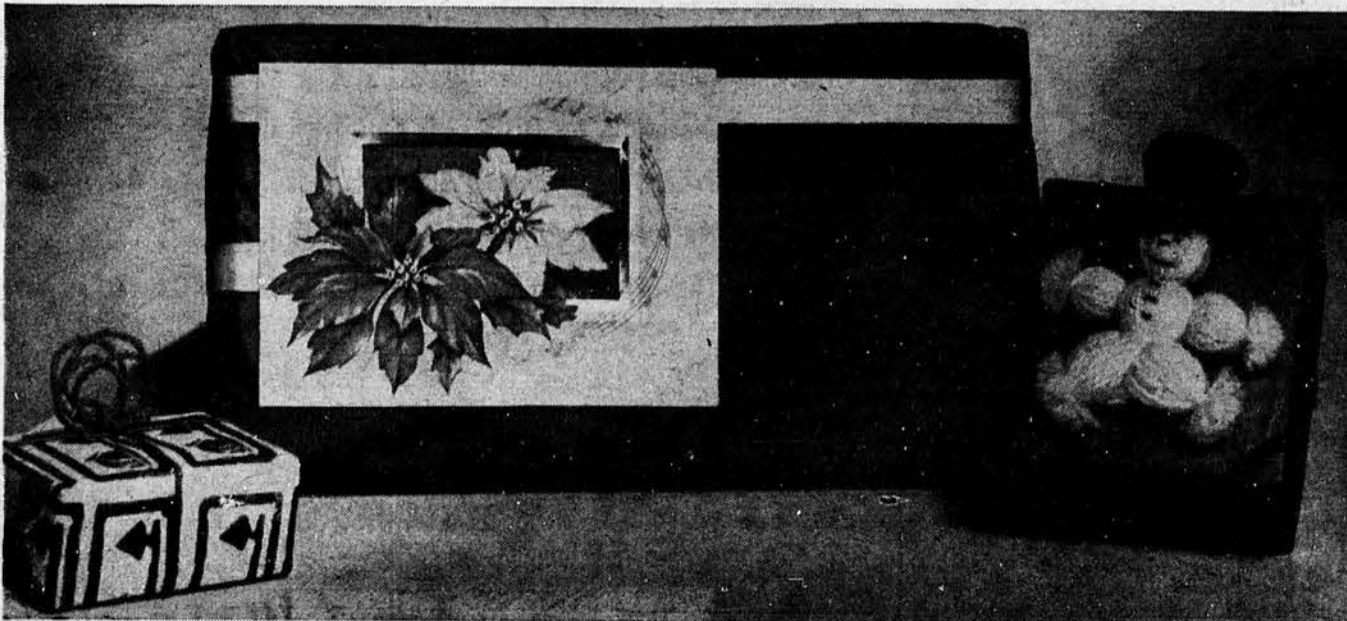
packages, both so gay they do not need ribbon. One package wrapped in dark-blue paper is tied with white muslin strips carefully pinked with pinking shears. This makes a pretty and unique ribbon substitute and you will find other fabrics equally suitable, organdy for instance. A decorated cookie adds a nice touch to this package. A name written on a cookie with frosting can be used as a tag.

For little folks, decorate packages with lollipops to catch their eyes, white paper, green ribbon and red lollipops. Ice cream containers are right for holding Christmas cookies or candy. Give them a coat of paint if you have time, or

decorations can be pasted directly on them. The one pictured has a coat of cream-colored enamel with free-hand decorations. A Santa seal with white cotton beard adorns the lid. A small magazine is wrapped in a sheet of typing paper on which is written in red crayon a few lines from the famous poem, "The Night Before Christmas." Bits of red ribbon hold the paper in place and the package looks very gay.

Any child would be pleased to see his name scrawled in bright crayon over all, such as the Susan package. And any child could do the writing, too.


A package with an [Continued on Page 13]



OLD CHRISTMAS CARDS add cheer to an otherwise ordinary package. Jaunty snowman of white yarn decorates package as well as teen-ager's sweater.

KANSAS STATE UNIVERSITY LIBRARY

Don't gamble with Livestock Profits!



REX the NEW MULTI-MINERAL SUPPLEMENT with SALT

Makes Sure Your Livestock Investment PAYS OFF... BETTER!

REX now does for your livestock what Mother Earth oftentimes is no longer able to do—provide vital minerals in sufficient quantities for raising strong, healthy, thrifty livestock. Your own profits may be the victim. Take the gamble out of livestock feeding with REX.

ESPECIALLY IMPORTANT are calcium and phosphorus. REX contains enough of each to guarantee faster, heavier gains and better animals. REX also contains iron, copper, manganese, cobalt and stabilized iodine. Get REX from your local feed dealer, in 50-lb. and 100-lb. bags or 50-lb. blocks.

FREE folder shows what REX means to you—Address: REX, American Salt Corp., Dept. X-4, 20 W. 9th St. Bldg., Kansas City 6, Mo.



AMERICAN SALT CORPORATION
Makers of Big 6 Trace Mineral Salt and Big 4 IODIZED Mineral Supplement Salt

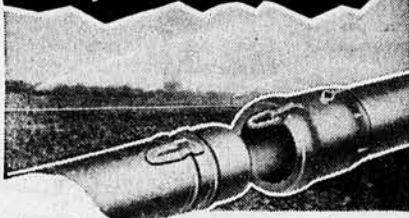
Easiest, surest way in the world to **KILL RATS AND MICE**

BANARAT

—made with warfarin. BANARAT BITS, ready-to-use bite-size pellets with special appetizer — and BANARAT PREMIX concentrate. Made and guaranteed by American Scientific Labs., Madison 1, Wis.

Here lies **A. RAT** He fooled the cat, But fell in Love with **BANARAT**

Plenty of **MOISTURE**



...When and Where You Want It!

Aluminum FLEX-O-SEAL
Portable Irrigation Pipe

This lightweight, easily-assembled irrigation pipe transports water to fields, orchards and pastures quickly and economically...reclaims poor acres, makes all your land more productive. Flexible, pressure-tight, coupling makes pipe adaptable to rolling ground without use of elbows or tees. This reduces friction-loss, saves wear on pumping equipment. Aluminum or Galvanized in 3, 4, 5, 6 or 8-inch diam. Write for FREE booklet and name of nearest dealer.

CHICAGO METAL MFG. CO.
3736 S. Rockwell St.
Chicago 32, Illinois

Your Best Crop Insurance...

Merry Christmas With Something Added

(Continued from Page 13)

men with candies and caraway seeds also keeps the kitchen gathering occupied. When the hour is late and it seems like the millionth cookie must have been made, little hands have been known to delight in making strange creatures of the dough that went into the big wood stove oven. Their thoughts also drift to visions of beautiful Christmas Mass, to the silver dollar they know they will always find in the toe of their stocking, and to the tree.

Beautiful big cedars grown right on their farm are cut each year for decoration indoors just before Christmas, to stay up until the New Year. Cedar cuttings also make colorful wreaths when woven on a No. 9 wire ring, trimmed with red turkey berries that grow on buckbrush, and red oilcloth bows. Pine cones are added, too, for especially nice cedar wreaths and sprays.

Use Wheat for Decorations

The Rohrer family has long been known for its use of heads of wheat for Christmas decoration. Mr. Rohrer's mother for years sent relatives and friends who formerly had lived in Kansas a box of wheat stalks for Christmas decoration. Some used the wheat with bittersweet, another earlier-day Kansas landmark. Mrs. Harold Rohrer still gathers the best heads around the edges of the fields, that are missed by the combine, for a bouquet. She also gathers seedpod stalks—jimson, thistle, henbain, lupin and milkweed, also okra and kafir heads—and dips them in bright-colored paints. With sunflower pods left brown and graceful grasses added, the result is a beautiful bouquet that lasts out the winter. She suggests gathering pods before the first heavy frosts, for the nicest display. Hang them upside down to dry. Then paint.

Over in another part of the county, Mrs. William Roeser collects and paints pods for a bouquet, using a brush to paint on various colors. Sometimes 2

and 3 coats are needed and pod stalks must be kept separate to avoid smearing, but the results are amazingly beautiful.

Unusual Christmas Tree

The Roeser Christmas tree is indeed unusual. Each year when their family comes home for Christmas, the Roesers decorate a tangerine tree. Grown from seed, the tree is more than 5 feet tall, still grown in a large pot indoors where it adds a cheery green all winter, and at the holiday season is trimmed with the traditional tinsel, colored balls and topped with a glittering star. The fact their tree is different gives it a great fascination for their children, and the 9 grandchildren, too. In summer, it is set out in garden soil, pot and all. About 6 years old, the tree has been re-potted every other year up to now.

Two bushel baskets of cookies, coffee-cake and other goodies come fresh from the Roeser kitchen each Christmas.

Occasionally, whole communities join in distinctive Christmas customs. You may remember the *Kansas Farmer* story of Swedish Christmas at Lindsborg several years ago. Out in Clay county, 4-H Clubs emphasize in their program each year singing Christmas carols in each rural community for folks who would most appreciate it, and who have shared their Christmas spirit with others in the past. Wrapped up warm as toast from topknot to overshoes, there is nothing that spreads Christmas cheer quite like the fresh and inspired voices of youth blended in carols known and loved for generations, recalling memories of our happiest moments. Recalling, too, the eternal prayer of the angels that in the hearts of all men everywhere there may be the spirit of Christ the year around.

If you want to sample Mrs. Rohrer's (Continued on Page 15)



BEAUTIFUL decorations are made by painting seedpods bright colors. They are inexpensive and add cheer to gray days all winter. Mrs. William Roeser finishes painting another stalk to set in vase to dry out before final arrangement.



WHOLE FAMILY helps with Christmas cookie making at the Rohrer home. Hugh, left, and Ruth, only children still living at home, roll dough for peppernuts. Cookies and cutters are shown in foreground.

SILAGE makes extra profits for you!

SALINA CONCRETE STAVE SILO



LIBERAL TERMS 3 YEARS TO PAY

Prepare now to make extra profits by feeding silage next winter. Save as you raise! SALINA SILO pays for itself in a few short seasons' use. Write for facts today.

NO DOWN PAYMENT REQUIRED

Save up to \$50 with cash discount

FREE Send for your copy of this illustrated Salina Silo Booklet. Write for your copy today.

SALINA CONCRETE PRODUCTS Company
1104 W. Ash
Salina, Kansas

NEW MIGHTY FARM ChainSaw

- ★ DEVELOPS 5 HP.
- ★ WEIGHS ONLY 29 LBS.
- ★ MOST POWER PER POUND

There's never been a gasoline ChainSaw so light in weight that packed so much power. With new automatic chain oiler. Pin-point balance for easy, tireless operation. New die cast design eliminates needless weight and parts. For free tryout, see your Mall Dealer or write Office listed below.

Send for Free Booklet "A Goldmine in Trees" REVISED EDITION

MALL TOOL Company
Dept. 7745-D
DENVER 5, COLORADO
3801 Brighton Blvd.
KANSAS CITY 6E, MISSOURI
1401 E. Truman Rd.

EXTRA FARM PROFITS

KSILO KM

- ★ WATER-PROOF
- ★ FIRE-PROOF
- ★ VERMIN-PROOF

Manufactured by our NEW METHOD for GREATER STRENGTH — BEAUTY — DURABILITY.

Liberal Discount for early orders. Investigate our payment plan before you buy—monthly, quarterly or semi-annually.

Write for complete information
KANSAS-MISSOURI SILO CO.
624 East 7th St.
Topeka, Kas., Phone 2-2767

"SERVICE STATION" LUBRICATION in the field

with the **BATTERY-OPERATED Greasemaster**

G & T INDUSTRIES, Dept. D
1428 BARWISE — WICHITA, KANSAS

NAME _____
ADDRESS _____
CITY _____ STATE _____

Send me illustrated literature
 My Implement dealer's name is _____

holiday goodies, here are recipes she uses.

Pfeffernusse (Peppernuts)

- 1 1/4 teaspoons soda
- 1 cup sour milk or buttermilk
- 1 cup lard
- 1 cup butter
- 1 cup sugar
- 1 cup sorghum
- 2 eggs
- 1 teaspoon ginger
- 1 teaspoon allspice
- 1 teaspoon cloves
- 1 teaspoon black pepper (more if desired)
- 6 cups sifted flour

Dissolve soda in sour milk or buttermilk. Cream lard and butter together, add sugar and sorghum and combine thoroughly. Add eggs, sour milk and stir. Sift dry ingredients together and add gradually to creamed mixture. Mix thoroughly. Roll dough in marble-sized pieces between palms of hands. Place on greased baking sheets and bake in medium oven (375°).

Springerli

- 4 eggs
- 2 cups sugar
- 4 1/2 cups pastry flour
- 4 drops anise oil (for a licorice-like flavor)
- Anise seed for pan

Beat whole eggs until thick. Add sugar gradually. Beat well between each addition until all is combined, then beat well for about 15 minutes. Makes fine grain and light. Add oil and blend. Fold in flour lightly.

Roll dough about 1/2-inch thick. Flour mold and press into dough. Cut cookies according to mold pattern. Place on buttered cookie sheet. Flour mold each time used. Sprinkle anise seed on sheets before placing cookies on them.

Let cookies stand overnight in cool to dry. In morning, place in hot (375°) oven to set shape. Reduce heat immediately (to 300°). Bake to light color with appearance of having been iced.

Keep in tight can 2 to 3 weeks before use for best flavor. Soften by putting cut apple in can day or 2 before using.

Apple adds aroma, too. Makes 6 dozen Springerli.

Basic Cookies

- 1 cup shortening
- 2 cups sugar
- 2 eggs
- 1 teaspoon lemon extract
- 1 teaspoon vanilla
- 1 teaspoon soda
- 3 teaspoons baking powder
- 4 cups sifted flour
- 1 cup sour cream

Cream shortening, add sugar and cream together. Beat eggs and add to mixture. Add lemon extract and vanilla. Combine soda with sour milk. Sift flour with baking powder. Add sour milk and flour to creamed mixture alternately. For variety add a little cocoa, or anise oil, cinnamon oil or caraway seeds. Add more flour if necessary to make a stiff dough. Roll very thin and cut into desired shapes with cookie cutter. Bake on greased cookie sheet in hot oven (425°) for about 10 minutes or until a delicate brown.

Short Cookies

- 1 cup butter
- 3/4 cup brown sugar
- 1 egg yolk
- 2 cups sifted flour
- Candied cherries
- Chopped nuts

Cream butter and sugar together. Add egg yolk and mix thoroughly. Add sifted flour gradually to make a stiff dough. Roll in small bits the size of marbles in palms of hands. Flatten with fork and top with either slices of candied cherries in red or green or chopped nuts. Place on greased cookie sheet and bake in hot oven (400°) for about 10 minutes or until brown.

An Unhappy Age

Joanna says that she's too old
To play with dolls, a cat, or pup,
But Mama says that she's too young
To date the wolves now showing up.
—By Juanita Jackson.

COMING, NEXT ISSUE . . .

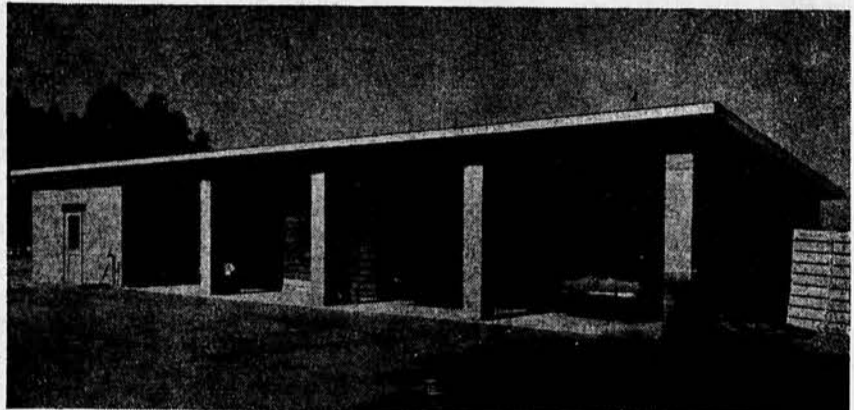
You will like the story in your January 3, 1953, issue of *Kansas Farmer* telling how a young 4-H and FFA boy has struggled to establish an outstanding herd of registered hogs. In the process he has become one of Nation's outstanding breeders and showmen, and looks confidently forward to better things in the hog business.

Coming Events

- December 29—Wabaunsee county landscape and forestry meeting.
- December 29—Pottawatomie county crops and livestock school, at Westmoreland.
- December 30—Wabaunsee county beef and crops school.
- December 31—Pottawatomie county landscaping and forestry meeting, at Wamego.
- January 5-7—56th annual convention American National Cattlemen's Association, Auditorium, Kansas City, Mo.
- January 6—Barton county welding school, at Holsington.
- January 6—Kingman county farm institute.
- January 6—Johnson county district 103 electrical appliances meeting with Harold Stover of KSC.
- January 6—Wilson county artificial breeding association annual meeting.
- January 6, 1953—Rush County Artificial Breeding Association annual meeting, La Crosse courthouse, 7:30 P. M.
- January 7—Ellsworth county artificial breeding association annual meeting.
- January 8—Johnson county crops, soil, dairy and insect meeting with L. E. Willoughby, Gerald Ward and Dell Gates of KSC, at Olathe community building.
- January 8—Rush county welding school, 10 A. M. at courthouse and 1 P. M. at high school shop, LaCrosse.
- January 9—Morris county DEA leaders meeting on training school, Camp Fremont, 10:30 A. M.
- January 9-10—Morris County Farm Management Association meeting on income tax accounting, Wilsey community hall, 9:30 A. M.
- January 12—Morris county meeting of the Dwight Artificial Breeding Association, at Dwight, 7:30 P. M.
- January 12—Jackson county soil conservation annual meeting at Holton, 8 P. M.
- January 12—Jackson county lamb and wool school, district meeting, Holton at 10 A. M.

- January 13—Shawnee county district sheep and wool school.
- January 13—Pottawatomie county artificial breeding association annual meeting.
- January 13—Rush county 4-H leader training school with Mary Elsie Border and Raymond Fort, of KSC, LaCrosse courtroom at 1:30 P. M.
- January 13—Linn county 4-H leader training school, at Mound City courthouse.
- January 13-14—Kansas Feed Conference at KSC, Manhattan.
- January 13-14—Kansas Formula Feed Conference, at Manhattan.
- January 14—Wilson county poultry management and housing school with Leo Wendling and M. A. Seaton of KSC.
- January 14—Dickinson county crops, crop disease and insect school, Sterl Hall, in Abilene at 10:30 A. M.
- January 14—Coffey county winter school on animal husbandry, at Burlington.
- January 14-15—Town and Country Church Conference 12th annual meeting at Manhattan.
- January 15—Coffey county soil conservation annual meeting, at Burlington.
- January 15—Rush county outlook meeting with Ray Hoss and Norman Whitehair of KSC and George Gerber, LaCrosse courthouse at 1:30 P. M.
- January 16—Butler county district sheep and wool school.
- January 16—Coffey county poultry winter school, at Burlington.
- January 19—Coffey county crops and dairy school, at Burlington.
- January 19—Elk county winter livestock and marketing school with Wendell Moyer and Ray Hoss of KSC.
- January 19—Rush county soil conservation annual district meeting at LaCrosse city auditorium, 7 P. M.
- January 19—Linn county soil conservation school with Harold Harper of KSC, at Mound City courthouse.
- January 20—Wilson county correlated crop and dairy school with Ralph Bonewitz and Eugene Cleavinger of KSC.

It pays to protect your farm machinery



Photograph courtesy of Portland Cement Association

Protect your tractors, trucks and farm implements from the weather. They'll last longer, give better service . . . you'll save money on repairs.

The cost of an implement shed may be less than you will have to pay for rust. And if you include a heated shop, you can make your own repairs and adjustments at any time.

The cost will be even less if you

select a simple plan and do the work yourself. Use concrete and concrete blocks made with Lehigh Cement. Lay up the blocks with Lehigh Mortar Cement. Construction will be easy, the shed will go up fast . . . and it's there to stay.

Your Lehigh Dealer can show you how to save time and money on this and other concrete work. See him next time you're in town.

LEHIGH PORTLAND CEMENT COMPANY
ALLENTOWN, PA. • CHICAGO, ILL. • SPOKANE, WASH.



3 men and a boy can build an implement shed and shop like this with these materials

FLOOR AND FOOTINGS

- 98 sacks Lehigh Cement
- 9 cu. yds. sand
- 12 1/4 cu. yds. gravel
- or
- 17 cu. yds. ready mix concrete

WALLS

- 12 sacks Lehigh Mortar Cement
- 32 cu. ft. sand
- 1306—8" x 8" x 16" regular concrete blocks
- 63—8" x 8" x 16" corner return blocks
- 16—8" x 8" x 8" corner return blocks
- 20—4" x 8" x 16" concrete blocks

Have You Farm Machinery for Sale?

A Classified Ad in *KANSAS FARMER* will do the Job.
Classified Rate only 10c a word—12 words minimum.

BLIZZARD KING STOCK TANK HEATER

Guaranteed AGAINST WIND BLOWING

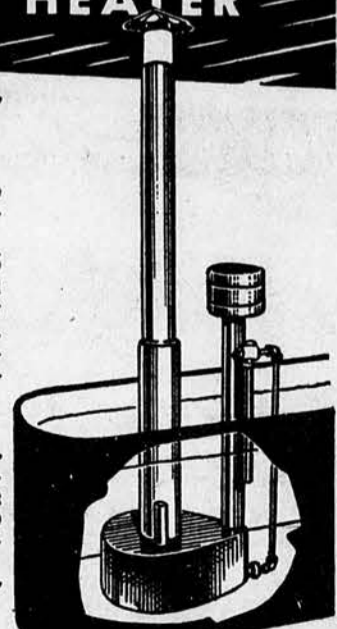
Blizzard King Stock Tank Heater can't be "sucked-out" by air vacuums. No condensation. Stays lit ALL THE TIME!

FIELD TESTED FOR THREE YEARS
Tested and proven in most adverse blizzard conditions. Operates on as low as 4¢ per day. LP gas or natural gas... fits any tank. All electric welded heavy steel construction... self sinking. Strong! Durable! Absolutely dependable!

CONSTANT TEMPERATURE THERMOSTAT CONTROL

Thermostat control is optional but advisable. Keeps water always warm. Saves cost of heater in fuel in short time. With **BLIZZARD KING** there's no ice chopping, no worry—less work, for YOU!

IMMEDIATE DELIVERY



CHURCHMAN MFG. CO., INC.

BLIZZARD KING TANK HEATER
P. O. Box 521, Wichita, Kansas

Please send me illustrated literature about the famous Blizzard King Tank Heater.

Name _____
Address _____
Town _____

LOW COST

\$59.50...Model 14—for small to medium tanks.
\$69.50...MODEL 21—for large tanks.
Thermostat \$15.00 extra.
All prices F. O. B. Wichita, Kansas



Earth-moving
at half the cost!

No drag
No loading pressure
THE MILLER Rotary SCRAPER

VANE LOADING action moves TWICE the earth with the same horsepower

Here is rugged earth-moving equipment built to satisfy the needs of the practical farmer. Revolutionary VANE LOADING eliminates the drag and loading pressure of conventional scrapers, which means the Miller Rotary Scraper cuts hard earth faster, easier, with less horsepower.

Solve your earth-moving and land leveling problems the modern way with the

Miller Rotary Scraper of proven design. Makes fast work of leveling irrigated fields. Ideal for improving virgin land for profitable farm operations, providing large return on nominal investment. Handles efficiently not only hard earth but also sand and light, fluffy materials. Extensively used in road, dam, and reservoir construction. Models 2 to 10 yards capacity. Don't fail to investigate.

For dealer nearest you, write:
CONSOLIDATED DISTRIBUTORS INC.
P. O. BOX 237 SELMA, CALIFORNIA
Phone Fowler 5951

Are You Looking for **BARGAINS!** Turn to the Classified Pages

This Red and White Top Silo

PAID-

For This Dodstone Cattle Shed In One Year

Only \$38 Down Delivers Either

Savings on feed from the famous Dodson "Red & White Top" Silos more than pay for other improvements on your farm. And when you build Dodstone Buildings it's even more profit for you because Dodstone, like "Red & White Top" Silos, are permanent, storm proof... vermin proof... and always make you a profit. Only \$38.00 down, too.

DELIVERED FROM WICHITA, CONCORDIA, CHERRYVALE

Send This Coupon To Dodson's

DODSON'S
1463 Barwise, Wichita, Kansas

Tell me how I can own a "Red & White" Top Silo for only \$38.00 down Size: _____

Also send me literature on a Dodstone Cattle Shed Dairy Barn

Name _____
Address _____
Town _____ State _____

Eisenhower Proposes That Farmers Help Work Out Long-range Program

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

THIS REPORT largely is written by 2 drafted "guest writers"—Gen. Dwight D. Eisenhower, President-elect of the United States, and Allan Kline, president of the American Farm Bureau Federation. Following are excerpts from their addresses at the annual AFB convention in Seattle, Wash., this month. Both were read by Kline; the Eisenhower letter was written just before the President-elect went to Korea.

General Eisenhower's letter did not deal with specific farm issues. In it he proposed that farmers, thru their organization mainly, work out the long-range program for consideration by the Congress and the Agriculture Advisory commission he will establish. He considers it "essential for Government to help farmers achieve a stabilized prosperity in ways that do not impinge upon the farmers' freedom of action."

"Our government is, as you know, committed to emergency price supports for basic agricultural commodities thru 1954. What the provisions of agricultural legislation should be after 1954 is a problem of paramount concern to our farmers, and to all other citizens as well.

Plans for 1954

AFB President Kline interpreted this as indicating Eisenhower is not committed to a rigid high price-support program after 1954.

"I hope during the next 2 years conditions affecting rural welfare will be thoroly analyzed and that possible solutions will be discussed in meetings wherever rural people come together.

"The conclusions developed in such nation-wide discussions should in time be expressed to the appropriate committees in Congress and to the membership of the Agricultural Advisory commission which we are pledged to establish. . . . I have great faith in the rural people of America. They believe deeply in our private enterprise system and want farm programs to be in harmony with the basic principles of that system. . . . The stability of our agricultural economy is essential not only to rural well-being, but to the general welfare of all our people."

Remarks by Allan Kline

From Allan Kline: "The Union (referred to in the preamble to the Constitution) was for the purpose of securing 'to themselves and their posterity' the blessings of liberty. . . . The overriding proposition is that government is to protect opportunity for the citizen, and the underlying philosophy is that the citizen should be encouraged to use his opportunities himself. . . .

"It is to this end we have a government of limited power. . . . There is no doubt in my mind but that our philosophy of government has had much to do with all these advantages which our citizens have created for themselves.

"One of the chief difficulties is the mere matter of the size of government. We in the United States spend a third of the income of all the people on government at local, state and national levels. The National Government will take almost \$1 out of \$4 earned by citizens this year.

Against Big Government

"The bigger the government; the more difficult it is for the citizen to be important. The bigger the national government becomes, the more difficult it is for local governments to be important and the more difficult for the citizen, who, after all, lives in a local community, to practice and improve the skills of self-government. . . .

"We in America today need to take a critical look at the results which can be expected from an overconcentration of power in the government. (Russia and the Orient.) . . .

"The present international situation, Korea, the NATO pact, defense budg-

ets, the seemingly deep-seated inability of international relations and impact on domestic affairs all suggest the difficulty of maintaining a true dynamic community of free citizens in America unless we are able to deal more successfully with other countries. The imperfections of the United States become increasingly apparent.

"People everywhere are concerned about inflation and deflation. The strictions, the restraints, the difficulties of progress and of trade in all other free countries are threatened the debasement of currency.

"When currency isn't good, governments replace the citizen's freedom of choice with rations, allotments, quotas on imports and exports, currency controls which prevent their citizens from buying or selling or, in fact, from doing business on their own behalf.

Many Problems to Solve

"These problems are with us, today. The dollar is worth half of a post-World War II dollar. Many people are poor because the value of their savings has been cut in half. . . . The philosopher that the citizen can get something for nothing by getting it from the government aids and abets inflation.

"The idea that we can build great public works for the benefit of the people and pay for them with federal deficits and (thereby) get them for nothing is an insidious fallacy. In the present setting we can only count on federal appropriations if ordinary citizens understand this.

"We can only do it if the Farm Bureau and a number of other powerful and non-governmental associations have the wisdom and courage to assume the control of federal appropriations.

"The alternative, then, to these traditional courses (continue to inflate or suffer a depression) is clear. We must pay our bills without resort to use of new money. We must continue to expand our production. . . . use the techniques of a free people. . . . We in agriculture have a tremendous interest in preventing either future inflation or serious deflation so we can go about the business of production and making a living at it. . . .

"One of the real threats to rising standards of living in agriculture based on production per man in agriculture, which is the only firm base for such progress, is price-fixing and rentmentation, always sold to the farmer as an advantage.

Give Critical Look

"We need to look very critically, indeed, at these propositions. Whenever the politician says to the farmer, 'Vote for me and I will give you-so-and-so' and fails to note there are costs involved, he is practicing a dangerous kind of political trickery.

"... If you are to solve these problems and maintain the basic proposition that it is the citizen that counts, and progress which is the ultimate achievement, we shall have to deal successfully with the problem of big government. . . . Our government is a representative government. . . . We send representatives to vote for us. We must be interested in the quality of these representatives.

"The following qualifications seem to me to be minimum. First, we must have understanding on the part of our representatives. These issues are not simple. Second, we must have ability. After all, we shouldn't hire an incompetent to spend a third of our money. Third, these men must have the will to work and must be dedicated to the proposition of good government.

"Unless I am mistaken, the trend both in this country and abroad, of the powerful forces loose in the world are pushing us in the direction of nationalization inconsistent with our traditional freedoms. . . . Fourth, we can't do with anything less than complete integrity in our representatives.

Classified Advertising Department

KANSAS FARMER Classified Advertising

WORD RATE

per word each issue.
 Minimum—12 words.
 Names and addresses are part of ad, thus are included at per-word rate.
 Livestock Ads Not Sold on a Per-Word Basis

DISPLAY RATE

Column	Cost Per Line	Column	Cost Per Line
1 inch	\$4.00	2 inches	\$19.50
2 inches	\$8.00	3 inches	\$29.40

Ads are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.
 Write for special display requirements.
 Kansas Farmer, Topeka, Kan.

BABY CHICKS

Forest Bluebird Chicks, broiler and egg breeds and crosses. Hatching year around. Broad-based Bronze, Beltwhite White Fowls. Guaranteed livability. DeForest Hatcheries, Box E, Abol, Kan.

Use Hy-Line Hybrid Chicks in 1953. Get more eggs with less feed cost per dozen. 56 farmers selected feed tests between Hy-Lines and other chickens in 1951-52. These farmers reported: Hy-Lines cut feed costs from \$1.67 to \$2.63 per dozen of eggs laid. In egg production 417 farmers reported that Hy-Lines averaged 4,090 more eggs per 100 birds housed than their other chickens. Take advantage of Hy-Lines' greater profit opportunities. Send today for latest report with complete details. Send today for money saving offer on 1953 Hy-Line Chick orders placed this month. Free catalog. Write today. Coombs & Co., Box 6, Sedgwick, Kan.

POULTRY—MISCELLANEOUS

Partridge, pheasants, bantams, geese, ducks. Thirty varieties pigeons. John Hass, Bettendorf, Ia.

FARM EQUIPMENT

Complete Surplus equipment sale. Amazing bargains. Savings to 70%. Farm engines, A-C generators, winches, telephones, air compressors, spray outfits, weed spray outfits, water pumps, electric saws-drills, welders, chain saws, battery chargers, binoculars, contour levels, etc. Excellent prepaid. Rush card, sale catalog. Burden Sales Company, 877 "O" Street, Lincoln, Nebr.

Winder and Binder Twine: Buy direct and save money. Wholesale prices. Write today for prices, samples and information, to our warehouse nearest you. Birmingham 7 Prosser Co., Chicago, Ill., 128 S. Sangamon St.—Kalamazoo, Mich., 58 E. Frank St.—St. Louis, Mo., 601 S. Main St.—Kansas City, Mo., 711 May St.

Wire Winder—Avoid barbed wire entanglements. Use a tractor-powered wire winder. Low cost. Free literature. Midwest Wire, Dept. 28, South Paul, Minn.

Wire Posts—All kinds. Any amount. R. H. Murray, Pomona, Kan. Phone 33.

MACHINERY AND PARTS

Hole Digger—Belt Driven Rapiddigger—For Ferguson or Ford. Users say finest job all soils. Free labor and time, just \$140. Guaranteed performance. Write for information. Rapiddigger, 4605 West Lincoln, Lincoln, Nebr.

Tractors \$127.00 New McLean, plowing, mowing, sickle-mowing, lawn mowing. Universal Mfg. Co., 324 West Tenth, Indianapolis 2, Ind.

Way and Disc Grinder. Can be used in the shop, yard or while machine is discing in the field. No dismantling. Cheap, simple and easy to operate. Write for circular. Hyatt Mfg. Co., Humboldt, Nebr.

American All-Crop Dryer, slightly used, excellent condition, \$1,500.00. Arid-Aire Manufacturing Co., 3981 Zarthan Avenue, Minneapolis 16, Minn.

FARMS—MISCELLANEOUS

Buy in Nebraska—240 Acres, Merrick County, near Clark. Land lays level, very productive. Black sandy soil, adapted to corn, alfalfa, potatoes, and all small grains. Equipped with irrigation pump. About 40 acres of native pasture, 10 acres alfalfa, balance under plow. Land is more or less subirrigated. Only few feet to water. Has seven good buildings, need minor repairs and a coat of paint. AEA service, near school. Priced to sell, at \$36.50 per acre, terms. Possession March 1 if sold soon. Shown by appointment only. M. A. Larson, "The Land Man," since 1912, Central City, Nebraska. Phone 65.

Trout Catalog—Free! Farms, Homes, Auto Courts, Businesses, etc. 3446 bargains described. 31 states. World's largest. 52 years service. Save thru Trout Realty, 20-V West St., Kansas City 6, Mo.

For Sale—300-acre ranch, 225 acres open, good 6-room house. Good barn, plenty water. On good road, mail route, school bus, in Conway district. Price \$12,000. Montgomery & Kellar, Real Estate, Conway, Ark.

For Sale—Pioneer Camp, 20 cabins, 5-room modern house, over 14 acres irrigated land; chicken house, 2 chicken houses, 2 barns, ideal dairy. On creek 1/2 mile out of Buffalo, Wyo. Claude Byler.

Fully Equipped Dairy Farms. West Central, Wisconsin, heart of Dairyland. Wetzel Real Estate, Winona, Wisc.

Free Information about the Ozarks. Owensby, Buffalo, Mo.

BUSINESS OPPORTUNITIES

Earthworm Raising Pays worthwhile profits! Illustrated 24-page booklet explains raising, feeding, packing, marketing. 25c. Ozark Worm Farm-O, Willow Springs, Mo.

Will Establish You in business with our capital. Part-time or fulltime. No investment or experience needed to start. Winona Monument Co., Winona, Minn.

OF INTEREST TO WOMEN

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

Thrilling, Profitable Home Business. Make fast-seller, chenille monkey trees, dolls, flowers. Specific holiday demand. Information free. Velva, Bohemia 2, N. Y.

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

Embroider Stamped Linens. Buy direct from manufacturer and save. Free 28-page catalog. Erie, Pa. Dept. 952, 22 West 21st St., New York 11, N. Y.

FARMS—KANSAS

160-Acre bottom farm, near Emporia, no wasted land, highly improved, 120 acres in wheat, half goes, \$125 per acre. T. E. Goodsey, Emporia, Kan.

REAL ESTATE FOR SALE

Free listings—Central Arkansas—farms, ranches, city property. Montgomery & Kellar Realty Co., 1007 Front Street, Conway, Ark.

LIVESTOCK ITEMS

Abortions, Mastitis, other diseases. Full details—free literature. Money-saving prices on vaccines, bacterins, pharmaceuticals. Kansas City Vaccine Co., Dept. F, Kansas City, Mo.

SEEDS

I Have Around 2,500 bushels Leota Red Cane seed for sale. Want to sell in truckload lots. All from certified seed. C. K. Mousel, Edison, Nebr.

"POPCORN WANTED"

High cash price paid for popcorn on the ear or shelled. Advise how much you have to offer and send sample if possible. We will contact you immediately.

F. A. MANGELSDORF SEED CO.
 Box 488 Atchison, Kansas

FLOWERS AND BULBS

African Violets, new price list. Many new varieties. Hirt's Greenhouses, Strongsville, O.

EDUCATIONAL—BOOKS

AUCTION SCHOOL Learn Auctioneering America's Leading Auctioneers Teach You. Students make actual sales. Largest school in world. 20 years in operation. Don't be misled. Term soon. Free catalog. Write **REISCH AUCTION SCHOOL**, Mason City, Iowa

Clear the Tracks, Folks—Here I come! Running special—just for you! stupendous colossal values! I challenge you to beat 'em anywhere! Try us out! We are awaiting your request for a list at The Bookkook, 6115 Rockside Rd., Cleveland 9, O.

Learn Auctioneering. Term soon. Write for catalog. Missouri Auction School, 1204 Linwood, Kansas City, Mo.

Ft. Smith Auction School, Ft. Smith, Ark. Term soon. Free catalog.

DOGS

Genuine English Shepherd Puppies. Guaranteed heeled, watchdogs. Year's trial. Russell Wahl, Rockport, Ind.

Black English Shepherd Pups. Breeder for 25 years. H. W. Chestnut, Chanute, Kan.

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

FILMS AND PRINTS

20 Deckledge Reprints 50c

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

TINY'S PHOTO SERVICE Topeka, Kan. Box 1068-KF

12 Jumbos, 25c; 16 Jumbos, 35c; from any size roll or negatives, with this ad. Skrudland I, Lake Geneva, Wisc.

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

3c Deckledge Reprints 3c

Reprints size as negative 3c and oversize prints 4c. 6- or 8-exposure roll developed and printed one each 25c or two each for 35c. Three 5x7 enlargements for 50c. Four 8x10 for \$1.00. Your favorite photo copied and 10 billfold pictures 65c.

Summers Studio, Unionville, Mo.

Two Prints each good negatives, 8-exposure, 35c; 12-exposure, 50c; 16-exposure, 65c. Reprints, 4c. Mayfair Photo Service, Box 617-B, Toledo, Ohio.

Great News! Our famous Century Jumbo Oversize finishing at contact prices. Our Chicago plant, with new improved equipment, exclusive with Century, produces sensationally magnificent quality work. Any 8-exposure roll finished deluxe style only 40c. 12-exposure, 55c. 16-exposure, 70c. 36-exposure, \$1.50. Oversize reprints, 5c each. Free mailers. Send us your next order, you will be delighted with results. Century Photo Service, Box 5208, Chicago 80, Ill.

FOR THE TABLE

MIXED HONEY WILDFLOWER \$9.90
 (Dark) 60-lb. Can FOB

Extracted—Pure as bees can make it.
 60-lb. Can Clover, FOB, \$12.00
 12-lb. Can Clover (Postpaid to 600 mi.) 3.85
 12-lb. Can Mixed (Postpaid to 600 mi.) 3.50

Order Promptly—Supply Limited
HAHN APARIES, 1716 Lane St., Topeka, Kan.

Dellecious, New Ribbon Cane Syrup. No. 10 Can \$2.00. Sigler, Fullerton, La.

Frozen Fish Fillets: Cello wrapped, 1 lb. packages, 15 lbs. Catfish Fillets, \$5.50; 15 lbs. Canadian Bass Fillets, \$4.50; 10 lbs. Pike Fillets, \$2.50; 10 lbs. Perch Fillets, \$3.00. 50 lbs. \$15.50; 100 lbs., \$29.50. Write for complete price list. Green Bay Fish Co., Box 565, Green Bay, Wis.

REMEDIES—TREATMENTS

Latest Methods treating Piles, Fistula, Colon-Stomach disorders. Write for free book. McCleary Clinic and Hospital, E1240, Excelsior Springs, Mo.

FEATHERS WANTED

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

New Goose and Duck Feathers. Fifty-two years of fair dealings assure you best outlet for your new feathers. Will quote top prices and send shipping tags on request. Columbia Bedding Company, Dept. KF, 1750 No. Wolcott Avenue, Chicago 22, Ill.

OF INTEREST TO ALL

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

"We Sell Rain"—2 inches on 16 acres in ten hours. Wheel movement over terraces. Free Lodging—Meals—Engineering and Appointments. Farmer group meeting with samples and moving pictures. Not undersold. Price and quality. Dealers wanted. Factory representatives. Also jobbers for grease master. Conrad's, Gaylord, Kan.

For Sale: Dairy alfalfa, clover, other grades hay, quality guaranteed. Art Callari Hay Company, Upper Sandusky, O.

BUILDING MATERIAL

GARAGES—\$395

Pre-cut, ready to nail up. Size 12' x 20'—\$395.00

F. O. B. Topeka (larger sizes also available). Price includes all material except concrete.

Boxed with insulation, 8" bevel siding, Fir dimension lumber and plywood sheeting, composition shingle roof, one overhead door and one window. Nails, hardware and paint. Use it for garage, brooder house, implement shed, work shop, storage, etc.

BUILD IT NOW in your slack time and save \$250. We can finance. Send for literature.

H. M. MICHELS
 (The man who makes the price)
 817 Orleans, Topeka, Kansas

WANTED TO BUY

Watches Wanted. Any condition. Also broken jewelry, spectacles, dental gold, diamonds, silver. Cash sent promptly. Mail articles or write for free information. Lowe's, 93 Holland Bldg., St. Louis 1, Mo.

Wanted. Fox Terrier Puppies. Box R, Stafford, Kan.

Popcorn Wanted—100,000 pounds. Will pick up at crib, Ralph Townsend, Box 256, Atchison, Kan. Phone 188.

AUCTIONEERS

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

In the Field
MIKE WILSON
 TOPEKA, KANSAS
 Livestock Editor

MR. AND MRS. HOWARD GROVER, well-known Hereford breeders of HG Hereford Farms, Colby, are continuing to go forward in building their great herd of registered Herefords.

In the Wyoming Hereford Ranch sale at Cheyenne, Wyo., they recently purchased the 3rd top-selling bull and also the 3rd top-selling female in the sale. The bull calf, WHR Idealist 66th, by WHR Heilmann 93rd, was brought to HG Farms for \$11,000. The heifer, WHR Starlette 48th, by WHR Ideal Duke 1st, is carrying service of the 1950 International grand champion bull, WHR Star Picture 6th. Price paid was \$5,100. Bull and heifer are full brother and sister, will be placed in the HG Farm breeding herd. Another outstanding purchase made by HG Farms was the top-selling bull at the E. E. Hester Estate Sale, at Benkelman, Nebr., at \$2,500.

The Grovers are building one of the outstanding Hereford herds in their section of the country and last year their production sale set a record for Kansas for average price. Hereford breeders from over the nation will be invited back to the HG Farm Annual Sale again this February.

At the CENTRAL KANSAS HOLSTEIN SALE, October 23, at Hutchinson, prices were down from last year, with greatest drop in young cattle. Top cow and also, top male were consigned by T. A. Burgeson, Grandview, Mo. His cow Sovereign Marie, (classified Very Good), sold at top of sale to E. B. Regier, Whitewater, at \$885. His bull, a rich Rag Apple yearling, went to Cecil Hornbaker, Stafford, at \$430.

The one of the largest crowds in the history of this sale was present, they definitely were appraising the young cattle at easier prices. In the list of buyers were many purchasing their first registered Holsteins.

THE NEBRASKA STATE HOLSTEIN ASSOCIATION SALE was held at Lincoln, Nebr., October 29. Honor of topping the sale went to Raymond Bollman, Edna, on his consignment of Bolman Margaret Ormsby Walker going to

Scott Meyer, Hannibal, Mo., at \$700. Top bull was consigned by Grover G. Meyer, Basehor, and sold to A. O. Weinhold & Arlin Naher, Waco, Nebr., at \$580.

In this sale, 20 head of cows (cows that had freshened at least once), averaged \$518.75, thus showing demand for immediate production, and likewise showing the reason for the low price on the large number of females classed as bred heifers and open heifers. However, in breed promotion sales and events, too often values are measured in prices rather than in new buyers, breed activity and enthusiasm, and redistribution of foundation seed stock.

Two Kansas took part in the SHOW WINDOW SALE OF THE AMERICAN ABERDEEN-ANGUS BREEDERS ASSOCIATION at Chicago, December 1.

James B. Hollinger, Chapman, consigned a female that sold for \$8,000 to a Michigan breeder. Simon Angus Farm, Madison, consigned a female that sold for \$8,000 to a Pennsylvania farm.

The crowd was small at the NORTHWEST MISSOURI HAMPSHIRE SHEEP BREEDERS sale of bred ewes at the purebred livestock sales pavilion in South St. Joseph, Mo., November 28. Average on 56 head was \$40. We realize the downward trend of commercial sheep do not help prices in our purebred sheep auctions. However, an average \$10 to \$15 per head higher would have been more in line with the quality and breeding offered in this auction. There were a lot of good sheep sold that day. Bad weather and road conditions in Kansas just prior to the sale curtailed attendance, but even under those conditions several head went to Kansas.

A show was held prior to the sale with Clyde Bachtel, Hamilton, Mo., as judge. High-selling ewe, at \$132.50, was champion of the show. She was consigned by Glen Armentrout & Son, Norborne, Mo. Buyer was S. L. Smith, Highland. Reserve champion ewe, at \$72.50, was consigned by F. B. Houghton, Maryville, Mo.; buyer was Kirk Flanders, Maysville. It was difficult to pass the \$50 price that day on very many head. Buyers who overlooked this place to buy passed up a real opportunity to select desirable breeding stock at reasonable prices. Knott & Howard, Coffey, Mo., were heavy buyers as they purchased 14 head. Several buyers selected 3 and 4 head. Kansas buyers were S. L. Smith, Highland; John Etherton, Troy; Mrs. A. P. Laroff Jr., Troy; Carl W. Ploeger, Leona; Stanley Etherton, Troy; 11 head went to these purchasers. These Hampshire sales held at St. Joseph have had good support from Kansas sheepmen.

The sale was conducted by Bert Powell, with Glen Armentrout assisting in the ring. F. B. Houghton, secretary, clerked the sale.

The fourteenth semi-annual sale of purebred cattle by the WESTERN MISSOURI CATTLE BREEDERS ASSOCIATION was held at the Clinton, Mo., sale barn on Tuesday, November 11. It was considered one of the best from quality standpoint and prices were good, compared with other recent sales, according to veteran stockmen.

Eighty-two head of Herefords, Angus, and Shorthorns sold for \$24,270 making an average (Continued on Page 19)

PEERLESS Portable - Stationary **ROLLER MILLS**
CRIMPS—CRACKS
 All Feed Grains
 WITHOUT DUSTING



Giant 10-in. diameter Tuf-Cast, chromed rolls crimp or crack grains better, faster, with less power. 10 Portable and Stationary Models. PTO and V-Belt drive. Farm, Feeder and Mill sizes.

FREE LITERATURE—Gives full information, capacities and prices. Write to:


PEERLESS JOPLIN, MISSOURI Dept. 107

NEW SEED OATS

WE SPECIALIZE IN NEWEST, BEST RATED, HEAVY YIELDING SEED OATS, in U. S. & Canadian kinds, & James Hullless. GET FULL PARTICULARS, also circular entitled "OAT GROWING SECRETS AND FACTS WORTH READING AND KNOWING" ANSWERING 14 QUESTIONS about oats. Also, your own salesman's COMMISSION COUPON CHECK. Saves you real money. We originated and still carry on the fighting campaign for more and better oats in the U. S. Customers declare our oats and cultural directions produce higher yields. YOU CAN DEPEND on getting from us the best for less. Amassing high yield reports tell the true story. Write today and save!

WILLIAM GALLOWAY & SONS CO.
 Dept. K (The Original) Waterloo, Iowa

miller
MODEL 61-F
A.C. ARC WELDER



IT'S EASY TO DO THOSE REPAIR JOBS YOURSELF

- Built to meet all R.E.A. and rural power system requirements.
- Carries full Underwriter's Laboratory Approval.
- In use on thousands of farms throughout the country.
- Comes complete—ready to begin work.
- High quality... low cost.
- No special electrodes... no carbon block starters needed.

Complete details await you at your farm implement dealer, or write us for latest folder.

miller ELECTRIC MANUFACTURING CO.
 SINCE 1929 APPLETON • WISCONSIN

SEE YOUR FARM IMPLEMENT DEALER NOW!

Kansas Farmer's 1952 List of Purebred Advertisers

Aberdeen-Angus Cattle

Amer. Aberdeen-Angus Br. Assn. Chicago, Ill.
 Babcock, Dale E. Beaver City, Nebr.
 Ball, Harry Fairfield, Ia.
 Blackpost Ranch Olathe
 Caldwell, G. W. & Ada Miltonvale
 Chiles, Fred P. Argonia
 Chisholm Trail Aber.-Angus Br. Assn. Argonia
 D-Bar-S Ranch Louisburg
 Davidson, Chester & Crystal Rocky Comfort, Mo.
 Davis, Wendell Norwich
 Davis & Jennings Kansas City, Mo.
 DeHaven, Geo. Marquette
 Ericson, Lloyd Washington
 Goeckel, Albert Clinton, Mo.
 Grassland Aber.-Angus Br. Assn. Clinton, Mo.
 Hammond, J. K. Neale
 Hanzlick, Bud Belleville
 Kansas Aberdeen-Angus Br. Assn. Manhattan
 Laffin, L. E. Crab Orchard, Nebr.
 Latzke, Oscar C. Junction City
 Latzke, Ralph Chapman
 McQuillan Angus Farm Clearwater
 Mid-Kansas Aberdeen-Angus Br. Assn. Canton
 Miller, David and Margaret Smithville, Mo.
 N. E. Kansas Aber.-Angus Br. Assn. Hiawatha
 Orth, Ervin Hope
 Penney & James Hamilton, Mo.
 Plagens, Otto Wichita
 Rallsback, Glenn B. Lincoln, Nebr.
 Spence, L. D. Crab Orchard, Nebr.
 Southeast Kansas Angus Br. Assn. Iola
 Sunflower Farms Everest
 Thallman, H. E. Haven
 Thompson, E. W. Sedalia, Mo.
 Titus, E. Ralph Newton
 Ukena, Wayne Everest
 Unruh, Orlando E. Moundridge
 U. S. Center Aber.-Angus Br. Assn. Smith Center
 Warin, John and Mary Maloy, Ia.

Hereford Cattle

Adrian, Phil H. Moundridge
 American Hereford Br. Assn. Kansas City, Mo.
 Aha Hereford Farm Grandview, Mo.
 William Belden Horton
 B-K Hereford Ranch Longford
 Bliss-Finn Herefords Garden City, Mo.
 Boddy, Roland Sale Norton
 Booth, Harvey M. Baldwin
 Breeding, Don Herkimer
 Brown Brothers Fall River
 Burnett, C. A. Estate Sale Pittsburg
 C. K. Ranch Brookville
 Cimarron Valley Hereford Br. Assn. Hugoton
 Cooley, A. F. & Sons Topeka
 Cowley County Hereford Br. Assn. Arkansas City
 Crook, Ed-Ray E. Dillon & Sons Hutchinson
 Chas. W. Ragland
 Dixon, Chas. and Mary Leon
 Engler, Allen & Son Topeka
 Fanning, Bud Zarah
 Flint Hills Hereford Br. Assn. Cottonwood Falls
 Four Square Hereford Sale Oakley
 Fritz, Geo. L. Lake City
 Gibbs, Sam Manchester
 Gideon, Oscar Emmett
 Goeman Bros. Sharon
 Grover, Howard Colby
 Hanke, Waldemar Waterville
 Hawke Hereford Farms Irving
 Hertzler, Dr. John W. Newton
 Hug, Carl O. Carbondale
 Jansoni Bros. Prairie View
 Intermill, Wendell Mankato
 Johnson, Leonard B. Alta Vista
 Jones Hereford Farm Detroit
 Kansas Hereford Br. Assn. Hutchinson
 Kaw Valley Hereford Br. Assn. Manhattan
 Koger, Evan Cottonwood Falls
 Krehbiel, D. J. & Sons Hutchinson
 Lawrence, J. F. Meriden
 Lincoln County Hereford Br. Assn. Sylvan Grove
 Lull Hereford Farm Smith Center
 Lockhart Hereford Farms Osborne
 Longview Farm Lee's Summit, Mo.
 McDaniel Bros. Danville
 Matheson, Frank Natoma
 Marshall County Hereford Br. Assn. Marysville
 No. Central Kan. Hereford Br. Assn. Belleville
 North East Kansas Hereford Assn. Meriden
 Oliver Bros. Harper
 Osterkamp, Fred Waterville
 Overstreet, J. R. Newton
 Peterson, Elmer E. Marysville
 Porter, Loren Quinter
 Rayl & Cook Kingman
 Reich, Jake & Son Paradise
 Reichart, Oscar & Son Valley Falls
 Reuber, H. G. Atwood
 Rep. Valley Hereford Br. Assn. Red Cloud, Nebr.
 Rogers, H. A. Atwood
 Salina Reg. Hereford Sale Salina
 Schiemeyer, Melvin and Mary Superior, Nebr.
 Schuetz, Al J. Merrier
 Solomon Valley Hereford Br. Assn. Osborne
 South Central Hereford Br. Assn. Moundridge
 Spencer, John W. Whiting
 Stegeman, Harvey Hope
 Stump, Harold Argonia
 Sumner County Hereford Br. Assn. Atopka
 Sutor Hereford Ranch Zurich
 Swenson Bros. Concordia
 Tonn, W. H. & Son Haven
 True, Bill Paxico
 Tucker, C. C. and C. A. Freese Rocheport, Mo.
 Walte, E. C. Winfield
 Western Missouri Cattle Br. Assn. Clinton, Mo.
 Williams, Orin & Son Hoyt

Polled Hereford Cattle

Anderson, Walter F. Scranton
 Arkell, Harry Milford
 Bamberg, L. C. Silverhill, Ala.
 Biberstein, Glen J. & Son Attica
 Bohling, Earl R. Florence
 Byrd, L. L. Clinton, Mo.
 Cowden, Lee Reading
 Dettke, Gerhardt & Son Marysville
 Doerschlag, Polled Herefords Alamota
 Doney, Fred C. Chester, Nebr.
 4-E Ranch Topeka
 Gingrass, Harold & Sons Sedgwick
 Goernandt Bros. Ames
 Halbert & Fawcett Miller
 Hargis, W. H. Belton, Mo.
 Harmon, Geo. R. Liberal, Mo.
 Kansas Polled Hereford Br. Assn. Hays
 Kerbs, Fritz & Sons Olathe
 Klimer, E. F. & Mabel Hebron, Nebr.
 Kolterman, Lester H. Onaga
 Luft, John N. La Crosse
 Midwest Polled Hereford Br. Assn. Chester, Neb.
 Newman, C. M. & Son Axtell
 O'Bryan Ranch Hiattville
 Pitkin, Harry W. Maryville, Mo.
 Riffel, Elmer & Son Hope
 Riffel, Harry & Son Hope
 Riffel, Jesse & Sons Enterprise
 Riffel, George L. & Son Hope
 Roddy, D. W. Valley Center
 Roehl, Mrs. E. R. Lewiston, Mont.
 Roth, Vic Eliza
 Shields, Martin I. Lincolnville
 Shields, O. J. Lost Springs
 Tinkler, Irl Gypsum
 Zimmerman, Robert L. Alta Vista

Spotted Poland China Hogs

Billman, Carl. Holton
 Cundiff, J. V. Talmage
 Davis, Wayne L. Mahaska
 Hardenberger, Vern. Narka
 Kansas Spotted Poland China Br. Assn. Richland
 Keller, Roy G. Berryton
 McKeever, H. J. Mahaska
 Pachta, Ed. Belleville
 Rice, Denzil & Son Liberal, Mo.
 Rothe, Walter. Ness City

Yorkshire Hogs

Becker, Chas. H. Cawker City
 Burkholder, Geo. M. Abilene

Hereford Hogs

Haag, Mill. Holton
 Kansas Hereford Hog Br. Assn. Wellington

O.I.C. Hogs

Kansas O. I. C. Swine Br. Assn. Inman
 Peterson, Chester Osage City
 Zimmerman, Vernon Inman

Chester White Hogs

Koch, Roy Bremen

Berkshire Hogs

American Berkshire Br. Assn. Springfield, Ill.
 Kansas Berkshire Hog Br. Assn. Buhler
 Frain, T. E. & Sons Minneapolis
 Funston, Dean Abilene

Minnesota Hogs

Miller, David R. Smithville, Mo.

Milking Shorthorn Cattle

Am. Milking Shorthorn Society, Springfield, Mo.
 Bunger, Roy Council Grove
 Craig, Max Osage City
 Duallin Farm Eudora
 Ediger, J. E. Inman
 Ediger, P. H. & Sons Inman
 Fox, Joe A. St. John
 Hartman, W. L. Wichita
 Harvey, Leroy Hill City
 Hinkle, Delaine Powhattan
 Huguenot, J. E. Moline
 Hunter, Joe Geneseo
 Janssen, Norman Lyons
 Kansas Milking Shorthorn Society Inman
 Knackstedt, Elmer Inman
 Kraus, J. E. & Sons Pretty Prairie
 Leslie & Leshe Goff
 Lewis, W. E. Esbon
 McDaniels, Russell Felt, Okla.
 McFarland, J. W. & Son Sterling
 McPherson County Milking Shorthorn Br. Assn. Inman
 Neb. Milking Shorthorn Br. Assn. Beatrice, Neb.
 Northwest Kansas Milking Shorthorn Br. Assn. Colby
 Peterson, M. H. Junction City
 Sandman, W. G. & Wm. Hamm Fairbury, Neb.
 Sale Schendel, A. P. Ottawa
 South Central District Milking Shorthorn Br. Assn. Sale
 Stunkel, Henry C. Hutchinson
 Warts, Byron Belle Plaine
 Wels, Al J. Valley Falls
 Dresden

Red Poll Cattle

Kansas-Missouri & Assoc. Sale. Chillicothe, Mo.
 Kansas Red Poll Br. Assn. Penalosa
 Locke, G. W. El Dorado
 Novak, Frank S. & Sons Haddam
 Reid, H. E. Altoona
 Ross, W. E. & Son Smith Center
 Siemans, Erwin Buhler
 Siemans, Herman Buhler
 Snyder, Maurice W. Alton
 Wiese, Wm. Haven

Polled Milking Shorthorn Cattle

Ediger, H. M. Inman

Shorthorn Cattle

Buss & Loseka Columbus, N.
 Central Kansas Shorthorn and Polled Shorthorn Br. Assn. Hutchins
 Chapin, Guy & R. J. Crockett Kila
 Chrisman, H. A. Max
 DeGeer, V. E. & Son Lake
 Dietz, Henry & Sons Wake
 Early, J. L. Carl Junction, Mo.
 Fortner, Wiley Fred
 Harzman, Earl Cl
 Highland View Farms Parkland,
 Hirsch, Wm. J. Parkville,
 Holste, Ernest L.
 Kansas Shorthorn & Polled Shorthorn Br. Assn. Manhattan
 Kenner, J. R. Hebron, N.
 Lacy, Glenn E. & Son Milton
 Luffer, Ralph La
 Mid-Kansas Shorthorn Br. Assn. Se
 Missouri Shorthorn Br. Assn. Chillicothe,
 Molyneux, Will Pa
 Morgan, Karl Sca
 Nebraska-Kansas Shorthorn & Polled Shorthorn Br. Assn. Superior, N.
 Nelson, J. N. & Son Mary
 North Central Kansas Shorthorn Br. Assn. Mary
 Ralstin, Clarence H. Mullin
 Reicherdt, C. E. Kila
 Roanridge Farm Parkville,
 Rowe, Howard Sca
 Salm, Grant New Cam
 Southeast Kansas Shorthorn Sale. Gl
 Spohn, D. V. Superior, N.
 Stoffer, Earl Ab
 Warrington, Alvin T. & R. Karst. Rich Hill,
 Young, W. A. Clearwa

Polled Shorthorn Cattle

Andrews, Raymond E. Pierce
 Bird, Harry & Sons. A
 Banbury, J. C. & Son. Pl
 Britt, Elvin & Sons. Ab
 Eshelman, H. E. Sedg
 Fieser, Earl J. Nor
 Huffman, Walter Yates Ce
 Lenhart, Karl & Sons. Clay Ce
 Love and Love. Part
 Miller Stock Farm. Mah
 Missouri Polled Shorthorn Br. Assn. Sedalia,
 Neises, Peter & Son. God
 Okla. Polled Shorthorn Br. Assn. Buffalo, O.
 Reece, John. Lang
 Rosenberger, W. A. & Sons. Green

Holstein Cattle

Brink, W. J. I
 Burnham, S. W. and Grace. Yo
 Central Kansas Holstein Br. Sale. Hu
 Dairyland Cattle Co. Milwauk
 Dawdy, E. A. Ton
 East Cent. Kan. Holstein Br. Sale. Ton
 Edwards, C. L. E. H
 Enns, Laurens. H
 Fellers, A. S. Clay
 Fellers, J. D. and E. E. Overland
 Fickel, Bernard. York
 Gast, Geo. & Sons. Overland
 Grose, Dennis R. Musc
 Jensen, Arthur. Ol
 Kansas State Holstein Sale. Herin
 Kiefer, Clarence. Musc
 Kubin, Dale. McPh
 Kuhlman, Leonard. York
 McConnell, B. H. and R. K. Fort Morgan, O.
 M.F.A. Artificial Breeding Assn. Springfield,
 Meyer, Grover & Son. Bas
 Misauri Holstein Br. Sale. Lee's Summit,
 Naureth, Wesley. Lincoln, Mo.
 North Central Kansas Holstein Sale. Washin
 Reed, Ernest & Son. L
 Sargent, A. R. Manha
 Schell, Fred F. Jr. Liberty,
 White, Hugh. Overland
 Whitehall Holstein Farm. Herin
 Worley, R. M. Council G
 Young, Alvin. Bennin

Guernsey Cattle

Am. Guernsey Cattle Club. Peterborough,
 Babbit, Walter W. Osk
 Berndt, Alar. Sim
 Chesnut, Pat. Des
 Cornhusker Consignment Sale. Lincoln, N.
 Dirksen, A. N. Ca
 Harshberger, E. D. Ne
 Kansas Guernsey Br. Assn. Ne
 Newcomb, N. Leroy. Morrow
 Pre-Eminent Farm-J. C. Penney. Gallatin
 Ransom Farm. Home
 St. Albans Farms. St. Albans,
 Slater, J. S. Pea
 Wildhaven Farm. Beatrice,
 Yost, Frank.

Brown Swiss Cattle

Coldiron, Roy. Valley
 Duwe, Henry & Son. Fre
 Gallivan, Ernest. Bolle
 Hensing, Ed. low
 Prescott, Marshall. Ringste
 Rempel, Lloyd. Hill
 Rocky Mountain Brown Swiss Br. Assn. Fort Morgan,
 Dewey Schultz Sale. Fort Morgan,
 Stuss, G. D. El
 Stahl, Clifford and R. E. Clemens. El
 Stearns, Chester G. Broomfield,
 Townsend, Don. Fort Morgan,
 Tri-State Brown Swiss Br. Assn. Abbe

Ayrshire Cattle

Ayrshire Breeders Association. Brand
 Clark and Boyd Sale. West Lib
 Hull, Dwight E. El
 Kansas Ayrshire Br. Assn. El
 Keas, John. El
 Landes, Raymond. Hut
 Robinson, J. E. & Son. Hut
 Strickler, Lowe. Hut
 Urub, Chester O. Hut
 Zimmerman, Chas. Hut

Jersey Cattle

Clare Mar Jersey Farm. Pri
 Edelblute, Roy. Man
 Hyer Jersey Classic Sale. Springfi
 Miller, A. L. Pa
 Missouri Jersey Cattle Club. St. Josep
 Morris, Mack. Rogersv
 Owsnik, A. Lewis. Hut
 Thompson, Gustav G. Hut
 Tullison, Thomas & Son. Hut
 Oswald, John C. Hut



Season's Greetings

In acknowledgement of our thanks to the hundreds of livestock friends who have been co-operating with this publication during 1952, we are glad to list their names on this page with our best wishes for next year.

Kansas Farmer

MIKE WILSON, Livestock Editor



Duroc Hogs

Albrecht, Vern. Smith Center
 Bolt, W. Fred. Isabel
 Flach, J. H. Paxico
 Germann, G. F. & Son. Manhattan
 Huston, Willis. Americus
 Johnson, Sidney C. & Son. Jamestown
 Kansas Duroc Br. Assn. Lebanon
 Knell, Ed & Son. Carthage, Mo.
 Miller, Weldon. Norcar
 Molder, Mrs. C. E. Lyons
 North Central Kansas Duroc Br. Assn. Belleville
 Powhattan F. A. Sale. Powhattan
 Roepke, Arthur E. Waterville
 Schulte, Ralph. Little River
 Sheehy, C. M. & Son. Richards, Mo.
 Stewart, Leslie A. Americus
 U. S. Center Duroc Assn. Sale. Phillipsburg
 Voth, J. A. Schmucker Bros.,
 Herman Popp Sale. Newton
 Waldo, Willard. DeWitt, Neb.
 Walker, E. L. Fowler
 Wreath, George. Belleville

Poland China Hogs

Bauer Bros. Gladstone, Neb.
 Brian, Floyd. Mulvane
 Kansas Poland China Br. Assn. Leocompton
 Mid-Kansas-Nebraska Poland China Br. Assn. Scandia
 Rowe, C. R. & Son. Scranton

Hampshire Hogs

Bergsten, R. E. & Sons. Randolph
 Garels, John E. & Sons. Wamego
 McClure, C. E. Republic
 Pachta, Ed. Belleville
 Ploeger, Warren. Morrill

Hogs—All Breeds

Ness County Hog Br. Assn. Ness City

Horses

Chaffee, Jim and Son. Topeka

Auctioneers and Sale Managers

Powell, Bert. Topeka
 Sundgren, Gene. Salina
 Tonn, Harold. Haven

Fairs

North Central Kansas Free Fair. Belleville

Feeder Calves

Bevan, M. F. Salina
 Feeder Calf Sale. Appleton City, Mo.
 Salina Hereford Feeder Calf Sale. Salina
 Shorthorn Feeder Calf Sale. Salina
 Wendt, C. C. Herington

Suffolk Sheep

National Suffolk Sheep Assn. Middleville, Mich.
 Popp, Herman. Haven
 Warrick, Roy B. & Sons. Oskaloosa

Shropshire Sheep

Plummer, H. D. Elk City
 Spohn, D. V. Superior, Neb.

Southdown Sheep

4-H and F.F.A. Lamb Sale. Haven
 Tonn, Harold and O. W. Fishburn & Son. Haven

Hampshire Sheep

Drumm Farm. Independence, Mo.
 Gilmore, Roy F. Peabody
 Misouri Hampshire Sheep Br. Assn. So. St. Joseph, Mo.
 Nicholson, W. G. Great Bend
 Northwest Mo. Hampshire Sheep Breeders Assn. Maryville, Mo.
 Ohle, Raymond. Palmer
 Smitheroff Farms. Cedarvale
 Truax, Glen. Flatt, Ill.

Corriedale Sheep

Haynes Bros. Kingston, Mo.

Dorset Sheep

Miller, Jerry. Reserve

Columbia Sheep

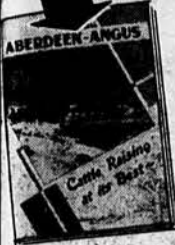
Thompson, E. B. Ranch. Defiance, Mo.

Sheep—All Breeds

Beede, Tom W. Las Animas, Colo.
 Kansas Purebred Sheep Br. Assn. Hutchinson
 Midwest Stud Ram Sale. Sedalia, Mo.
 Nebraska Sheep Breeders Ram & Ewe Sale. Lincoln, Neb.
 Oklahoma Registered Sheep Sale. Fair, Okla.

Beef CATTLE

FREE CATTLE BOOK



50 pages of profitable suggestions and interesting pictures on selecting, breeding, fitting and showing Angus... absolutely free to you. Ask for "Cattle Raising at its Best." Put your name and address on a card and send now to

AMERICAN ANGUS ASSOCIATION
CHICAGO 9, ILLINOIS

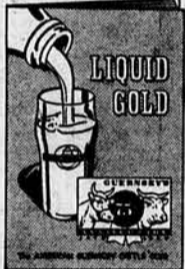
Sunflower Farms ANGUS

Herd Sires:
Ever Prince Revolution 2nd Homeplace Eileenmere 304th.
Ever Prince of Sunflower.
Cattle of both sexes for sale at all times. We have bred and sold some of the top winners and selling cattle at the larger shows and sales throughout the country. When in need of good breeding stock pay us a visit.
Sunflower Farms, Everest, Kansas
Jim, Keith and Bob Swartz, Owners

Dairy CATTLE

HOW GUERNSEYS

help increase your income



Post card request... This 28-page book is packed with information about Guernsey cattle and premium-priced Golden Guernsey Milk — information that can help you increase your income. Send for your copy today — it's free!

THE AMERICAN GUERNSEY CATTLE CLUB
275 Main St., Peterborough, N. H.

Send me a copy of the new booklet, Liquid Gold...
FREE!

WISCONSIN DAIRY CATTLE

Police Holstein, Guernsey and Brown Swiss calves, Yearlings and Springing Heifers. Delivered to your farm C.O.D.
WESLEY NAUERTH, Riley, Kansas

NORTHCREST FARMS

Service-age Holstein Bulls from classified dams with D.H.I.A. records up to 750 lbs. B. F. and Billy "45" and Ormsby breeding. Price \$100. 12 miles west of Manhattan on No. 24.
WESLEY NAUERTH, Riley, Kansas

HOLSTEIN BULLS

3 REGISTERED
For Sale. One 19 mo. and one 15 mo. old, and one 8 mo. old.
For particulars and prices write
F. P. PIESCHL
Bennington, Kansas

PUREBRED HOLSTEIN BULLS

Good type, service age, from dams with DHIA records from 450 to 740 pounds on 2 time.
A. E. FUNK & SONS, Hillsboro, Kansas

AYRSHIRES

MOST PROFITABLE COWS
4% MILK
Big Milkers Hardy Rustlers, Good Grazers Perfect Udders.
Write for Booklets and List of Breeders near you with Stock for sale
Ayrshire Breeders Association
260 Center St., Brandon, Vt.

Dual-Purpose CATTLE

Dualyn MILKING SHORTHORNS
Sires from Dualyn have improved milking and fleshing quality of many herds. Buy a son of a noted proven sire: Imported Hard Earl Wynne 11th, RM, or Neraleam Admiral RM. Write for prices.
JOHN B. GAGE, Rt. 1, Eudora, Kansas

Shorthorn Cows and Bulls

BOY BUNGER, Council Grove, Kan.

WASSENBERG FARM

Milking Shorthorn Bulls from tested and classified herd. Priced \$125 and up.
BERNARD WASSENBERG, Marysville, Kansas

per head of \$292.92. Thirty-one Hereford bulls sold for \$19,190 or \$296.25 per head. Fifteen Angus bulls, selling for \$5,530, averaged \$368.66. Seven Shorthorn bulls sold for \$1,995 or an average of \$285. Twenty-two Hereford heifers brought \$5,085, or an average of \$231.13. The 7 Angus heifers sold for \$2,470, averaging \$352.85. The 29 heifers in the sale sold for \$7,555, averaging \$260.51. Total on all bulls sold was \$16,715, an average of \$315.40.

Top price paid at the sale was for Miss Jane B. 4th, an Angus heifer owned by J. W. Bradley & Sons, Calhoun, Mo., and purchased by Robert A. Rice of Liberal, Mo., for \$800. Brad's Prince Eric 21st, also owned by J. W. Bradley & Sons, brought top price for a bull. He sold to J. F. Bule of Marshall, Mo., for \$675. Kansas buyers made selections in this sale. C. C. McGennis, Rich Hill, Mo., was auctioneer.

RALPH HAGER, Englewood, is on the approved list of official judges that will judge Milking Shorthorn cattle at fairs and shows during 1953, according to announcement made by American Milking Shorthorn Society, Springfield, Mo.

The production sale of **STREET L. FUNK and EDWIN and THOMAS BROWN** of Fall River, brought a total of \$14,360 on 57 Herefords, to make a general average of \$252. Nineteen bulls averaged \$275; 38 females sold for an average of \$240. Many of these cattle were young. Top bull in this auction was Lot 1, Royal Lad, consigned by Street L. Funk, and sold to Wilbur Marshall, Eureka, for \$700. Top female was Lot 6, a cow and calf combination totaling \$425, also from the Funk herd. She was Rosy A. Stanway 776th, bringing \$225 on the bid of C. H. Auten, Fredonia, and her bull calf sold to C. G. Owens, Piedmont, for \$200. W. H. "Bill" Heidenbrand was auctioneer.

Less than half of the cataloged offering of the **4E RANCH HEREFORD SALE** was sold November 29, due to blizzard conditions. There was a very small crowd in attendance. The 114 Polled and Horned Herefords sold for a total of \$41,560 to make an average of \$370. Thirty-two bulls averaged \$468; 82 females averaged \$325. Top bulls sold at \$1,500 on Lot 1, 4E Ambassador, to Vic Roth, Hays, and Lot 4, 4E Beau Rollo 11th, to Carl Grey, Emporia. Top female, Lot 76, GG Model Belle 1st, brought \$800, and sold to Andrew Hahn, North Topeka. Col. Gene Watson and G. H. Shaw were auctioneers.

Sixty-one lots of Herefords in the **SUMNER COUNTY HEREFORD BREEDERS SALE**, held at Wellington, brought a total of \$20,435 to make a general average of \$329. Forty-three bulls sold for an average of \$342; 19 females averaged \$301. Lot 62 BT Cottonwood 6th, consigned by Bryan Packard, Wellington, topped bulls at \$650, going to G. R. Canon, Latham. Lot 44, CNHF Starlet 2nd, owned by Ray Rusk and Son, Wellington, topped female sale, going to Boyd Walte, Winfield, for \$410. Col. Freddie Chandler was auctioneer.

Drifting snow and icy roads limited the number of Polled Herefords and also buyers at the **POLLED HEREFORD ASSOCIATION SALE** in Hutchinson, December 1. Thirty-nine lots brought \$20,050 to make an average of \$514. Twenty-six bulls sold for an average of \$540; 13 females averaged \$464. Top bull was Lot 22, Battle Mixer 22nd, consigned by Wesley Walker, Fowler, and sold to Verne Gleason and Sons, Seward, for \$1,200. Top female, Lot 61, WGS Belle Domino 1st, consigned by George L. Riffel and Son, Hope, brought \$1,140 to the Sackett Hereford Farm, Tonganoxie. Col. Freddie Chandler sold the fine offering.

TREND OF THE MARKETS

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

	Ago Week	Ago Month	Ago Year
Fed Steers	\$36.25	\$34.50	\$33.50
Hogs	17.00	17.35	18.35
Lamb	21.00	22.00	29.00
Hens, 4 to 5 lbs.	.24	.23	.24
Eggs, Standards	.38	.45	.43
Butterfat, No. 1	.62	.62	.75
Wheat, No. 2, Hard	2.53	2.55	2.61 1/2
Corn, No. 2, Yellow	1.84 1/2	1.60 1/2	2.01 1/2
Oats, No. 2, White	1.00 1/4	.97 1/2	1.10 1/2
Barley, No. 2	1.54	1.54	1.54
Alfalfa, No. 1	45.00	45.00	—
Prairie, No. 1	30.00	30.00	—

Public Sales of Livestock

Aberdeen-Angus Cattle
February 11, 1953—Chisholm Trail Angus Breeders' Association, Caldwell, Kan.
February 17—C. E. Reed's Tenth Annual Angus Production Sale, Wichita, Kan.
March 26—Kansas 487th Sale, Salina, Kan.
March 30, 1953—Kansas Special Registered Aberdeen-Angus Sale, Ericson, Thalman & Davis, Hutchinson, Kan.
April 1—Southeast Kansas Aberdeen-Angus Breeders Association, Iola, Kan. Clarence C. Ericson, Savonburg, Kan.
April 9, 1953—Mid-Kansas Aberdeen-Angus Association, Hutchinson, Kan. Phil Sterling, Secretary, Canton, Kan.

Hereford Cattle
January 10—L. H. Hazlett & Son, Oak Hill, sale at Clay Center, Kan.
January 31—North East Kansas Breeders Sale, Topeka, Kan.
February 2—Kaw Valley Association Sale, Manhattan, Kan.
February 5—Olivier Bros., Harper, Kan.
February 7, 1953—Dickinson County Hereford Association, Abilene, Kan.
February 9—Kansas Range Bull Sale, Dodge City, Kan.
February 13—HG Hereford Farms, Colby, Kan.
February 16—Solomon Valley, Osborne, Kan.
February 21—CK Ranch, Brookville, Kan.
February 27—Sam Gibbs, Clay Center, Kan.
March 13—Western Republican Valley Hereford Association, St. Francis, Kan.
April 18—Mid West Polled Hereford Association Show and Sale, Deshler, Nebr. Fred C. Duey, Sale Manager, Chester, Nebr.

Polled Hereford Cattle
February 23—Central Kansas Polled Herefords, Herington, Kan.

Duroc Hogs
February 5—Kansas Duroc Breeders Bred Gilt Sale, Subetha, Kan. Dean Bell, Sale Manager, Lebanon, Kan.
February 7, 1953—Vern V. Albrecht, Smith Center, Kan.

Beef CATTLE

NOW OFFERING YOUNG ABERDEEN-ANGUS BULLS
Also Cows and Heifers
CHESTNUT & RAILSBACK, Quinter, Kansas

Reg. Beef Shorthorn Bulls
For Sale—Red and Roans. Calves to 20 months of age. Mercury breeding. Also few heifer calves suitable for 4-H.
GRANT SELM, New Cambria, Kansas

FOR SALE
3 REG. SHORTHORN BULLS
16 to 20 months old. Priced reasonable.
N. J. MEYERS, Chase, Kansas

DARK RED SHORTHORN BULL
13 months old, sired by M. V. Prince Peter 15th by Prince Peter. Dam a full sister to Kansas Free Fair blue ribbon winner. Farm 2 miles east and 3 south Miltonvale.
GLEN E. LACY & SON, Miltonvale, Kansas

REGISTERED SHORTHORN BULLS AND Duroc Hogs
Bulls 12 to 24 months, red and roans. Tomson and Gregg Farms breeding. Beef type or beef and milking.
Durocs: Fall gilts, some of the best we have seen, will farrow in next 60 days. Late spring boars and gilts. Fast growing, medium type by our new champion boar. Gilts bred to Stylish Star by Stylish Wonder. The best pig in the spring litter of Beauty Star. The states popular breeding when prices are reasonable.

NELSON BROS.
3 1/4 miles S. E. of Colony, Kansas

FOR SALE
10 RED AND ROAN Polled Shorthorn Bulls
Up to 14 months old. They are sired by Riverdale Stamp X, son of the \$5,000 Riverdale X. My cows carry some of the best bloodlines of the breed.
W. A. Rosenberger & Son
Greensburg, Kansas

REG. POLLED HEREFORDS
For Sale:
8 to 14 month registered Polled Hereford bulls. Real Plato Domino and Worthmore breeding. Reasonably priced.
JOHN N. LUFT
LaCrosse, Kansas

• AUCTIONEERS •
BERT POWELL
AUCTIONEER
LIVESTOCK AND REAL ESTATE
1529 Plass Avenue
Topeka, Kan.

Hodgeman County Hereford Association
will sell at Norton Sale Co.,
Norton, Kansas, on
January 7, 1953
at 12:30 P. M., C.S.T.

70 Head of Bulls
These are the right kind; coming 2 in spring. Good, rugged bulls with plenty of size.

20 Head of Heifers
about half of them bred to good bulls.

DON'T MISS THIS SALE
For catalog write
CARL R. SMITH
JETMORE, KANSAS

Registered Herefords
The sires of these calves include Prince Mixer 9th, J. F. Onward Stanway 10th, B. K. Dandy Larry D. 15th.

Clay Center, Kansas
Sales Pavilion
Sat., Jan. 10, 1953
Ross Schaulis, Auctioneer
L. H. HAZLETT AND SON
Oak Hill, Kansas

REG. HEREFORD BULLS
10 to 18 months old. Sired by: OJR Jupiter Star 12th, Domino Lad KTO 11th and F. Elation 22. Top range and herd bull prospects.
WAITE BROS., Winfield, Kansas

Reg. Hereford Bulls
8 to 20 months old. Sired by Mathews Tone. Polled bulls sired by J. S. S. Perfect Domino. High quality. Low prices.
GOEMANN BROS., Sharon, Kan.

WILLOW CREEK HEREFORD FARM
FIRST ANNUAL SALE
January 14, 1953
CANTON, KANSAS

Sale will be in our new sale barn just off Highway 50N at the south edge of Canton.



MW Larry Domino 107—Many of the bred heifers and cows in the sale will be bred to HCR Super Larry 21, which we purchased in the Honey Creek Ranch Dispersion. A half interest in his sire MW Larry Domino 107, pictured above, sold to the Bridwell Hereford Ranch for \$80,000.

Selling 60 Head—20 Bulls—40 Females

20 Bulls, 8 coming 2-year-old bulls ready for heavy service. 12 senior calves — well grown out and ready for service. 40 Females, 20 heifers bred to the following: HCR Super Larry 21, by MW Larry Domino 107. WCF Baca Royal by Baca R. Domino 7. WCF Baca Improver 1 by JO Royal Domino 45. 9 open heifers, mostly senior calves. 11 cows, some with calves and rebred to Larry Domino M3, by MW Larry Domino 92—other to calve soon.

CATTLE CAN BE SEEN AT CANTON AFTER DECEMBER 1

For catalog write:
GLENNON CROWTHER, Gypsum, Kansas
or **GLENNON & J. J. CROWTHER, Owners**

Gene Watson, Auctioneer

Mike W





WE DEPEND ON McGowan Sign Company in St. Louis, Missouri, and other small businesses in many places. Here Joseph McGowan reproduces Standard Oil's familiar Torch and Oval sign for a special display. Services such as this help our 49,700 employees to produce and market the products necessary to keep millions of Americans rolling.



WE DEPEND ON men like Theodore W. Petersen, a container company expert, for help in solving packaging problems at our refineries. Glenn H. Whetzell (left) of Standard Oil is shown consulting with Mr. Petersen. The experience and skills of thousands of other business firms are brought to bear on problems we meet in serving you better.



WE DEPEND ON John H. Scott, first helper on an open-hearth steel furnace at Gary. Scores of steel firms furnish us items ranging from the smallest rivets to parts for giant catalytic crackers. The investment of our 120,000 stockholders helps make it possible for us to buy such equipment, so we, in turn, can provide ever better petroleum products.

LOOK WHAT YOU START WHEN YOU START YOUR CAR

You have your Standard Oil dealer "fill 'er up." You get your change—and a friendly "thank you." You turn your ignition key and start rolling on your way.

And here's what you start rolling on our side of the pump—thousands of separate businesses working to supply your needs . . . businesses on which Standard Oil and its subsidiary companies depend in serving you.

From oil well to service station, we depend on others . . . on 32,000 suppliers who make everything from our red tank trucks to the rubber bands for office use.

Large and small, they help us make and market more than 2,000 petroleum products for your convenience and comfort.

Thousands of other companies use our products for your convenience and comfort, too. Railroads, airlines, buses get you there with our help. Your nylon clothing, television set, electric light, the hot water and heat in your building may depend on petroleum we have supplied.

Satisfying the steadily increasing everyday demand for oil has built an industry, too, that is large enough to provide the oil so vital to national defense.

So you see how you, and millions of other customers of Standard Oil, keep things rolling—for the 49,700 men and women of our company and for hundreds of thousands of people in other businesses, all depending on each other—all depending on you.

Standard Oil Company



Lawson checks his car at Naval Air Station. They are recruited for the team. Of value to the company is the development of new companies of previously unknown.



THEY DEPEND ON US. G. E. Carlson, engineer of the Burlington Railroad's California Zephyr, climbs into his cab. This three-unit diesel locomotive uses 3,620 gallons of fuel on the 1,038-mile Chicago-Denver run. To meet ever-growing needs for oil products, Standard Oil has plowed back two-thirds of its profits in recent years for expanded facilities.



THEY DEPEND ON US. Standard Oil Agent Paul C. Demmon (left) and Julius W. Kurpius talk over a lubrication problem on the Kurpius farm near Staples, Minnesota. Mr. Kurpius, with expensive farm machinery to care for, has used Standard Oil products for 30 years. He likes the consistently high quality and dependable service of Standard Oil.