

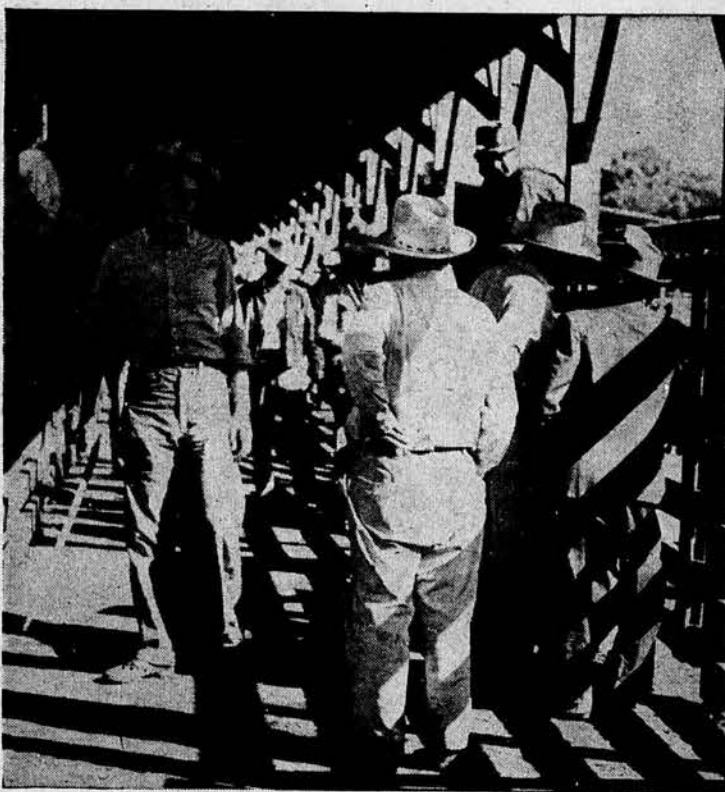
Kansas Farmer

A Better Market for Your Calves

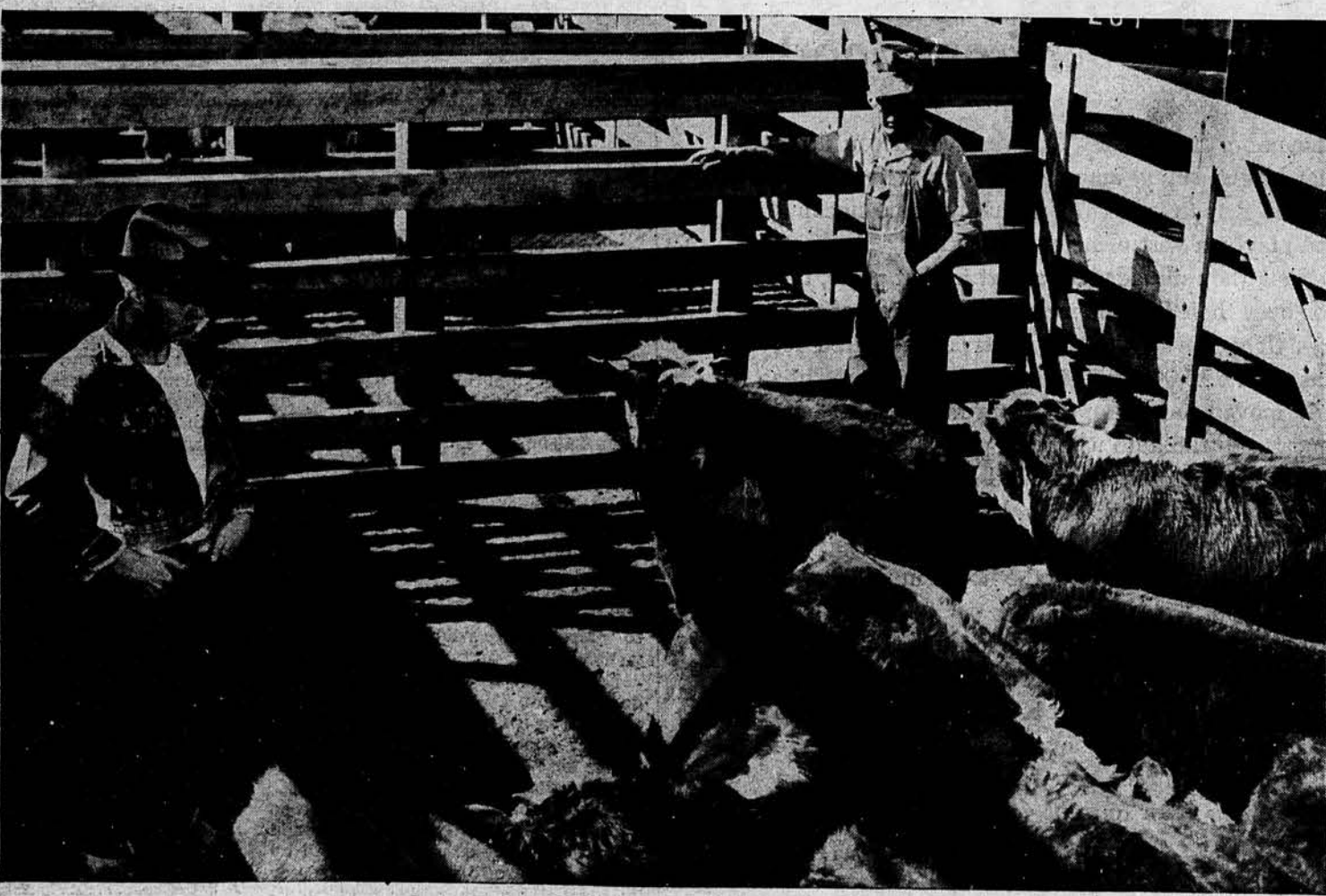
Small herd owners and buyers both find Labette county feeder market days have real advantages

RESULTS of the first 2 Labette County Feeder Calf Market Days indicate here is an idea worth study by other counties in Kansas. Organized a year ago for the second Friday in October, the sale is designed to help small cow herd owners find a better market for their calves, and to offer buyers a better selection at a single source. This is not an auction sale. Here is how the plan works. Any herd [Continued on Page 19]

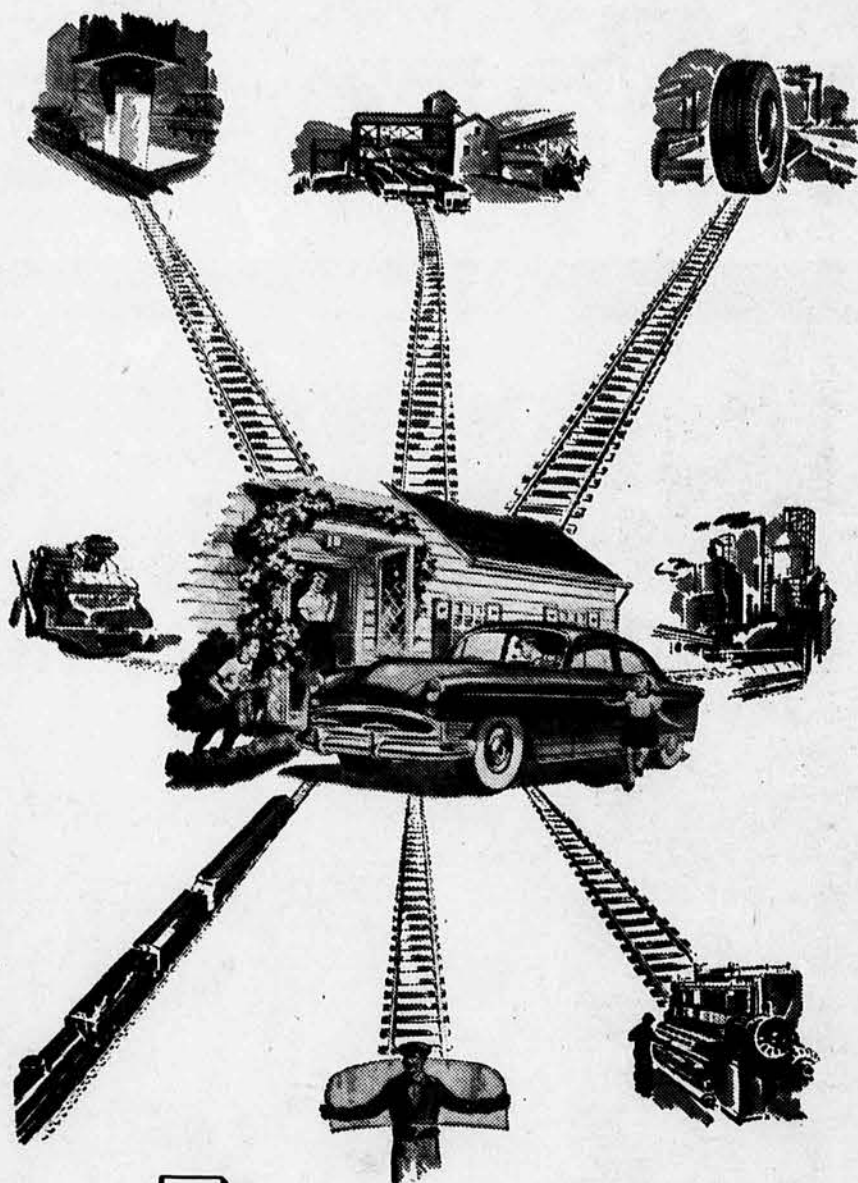
CLOSE INSPECTION of any lot can be had by entering the pens. Cattle are sold thru commission firms rather than by auction. Members of 4-H Clubs are given special consideration in finding club calves.



COMMISSION MEN, buyers and sellers all get together in the alleyways to discuss various lots of calves offered.



- Spring Lambs Are Ideal.....Page 4
- Farming for a Profit.....Page 6
- From a Marketing Viewpoint.....Page 14



**The assembly line
that's 225,000 miles long ...
ends at your front door!**

Remember how proud you were when you drove that bright, shiny, new car up to your front door for the first time? And the family came flocking, and maybe a wistful neighbor or two?

Well, the railroads had a part in that pride, too. For over their 225,000-mile assembly line of steel rails they moved the raw materials required for making the 15,000 parts that go into an auto. Then they moved finished parts from factories all over America to the auto assembly plants.

And just as railroads helped build your family car, they help make possible almost everything else you use in your daily life and work ... the food you eat, the clothes you wear, the house in which you live.

In doing this, railroads move more tons of freight more miles than *all* other forms of transportation combined. And, important to you when it comes to the prices you pay for things, railroads do this huge job of hauling at charges which average less than those of *any* other form of general transportation.

ASSOCIATION OF AMERICAN RAILROADS

WASHINGTON 6, D. C.



You'll enjoy **THE RAILROAD HOUR** every Monday evening on NBC.

Here Are 1953 Kansas 4-H State Champions in Project Work

HERE ARE the 1953 state champions in 4-H Club project work, as announced by the State 4-H Club office, Kansas State College, Manhattan: News Writing (contest sponsored by *Kansas Farmer*), Kathryn Johnson, Russell county; field crops, Roy Thomas, Wilson; sorghum, Lee Taylor, Geary; corn, Thomas Frisbie, Jefferson; entomology, Clark Schartz, Barton; meat animal, Larry Cox, Franklin.

Safety, Dwight Bennett, Rice; health, Richard Hahn, Saline; home improvement, Ann Elias, Rush; wheat, Melvin Martinek, Shawnee; beef, Ronnie Hughes, Lyon; dairy, Delmar Conner, Rice; sheep, Lee Lefert, Clay; swine, Gary Hanneman, Marion.

Tractor maintenance, Jimmy Hundley, Atchison; home beautification, Harold Swearingen, Montgomery; electric, Alice Lou Heim, Leavenworth; clothing, Joan David, Cowley; better

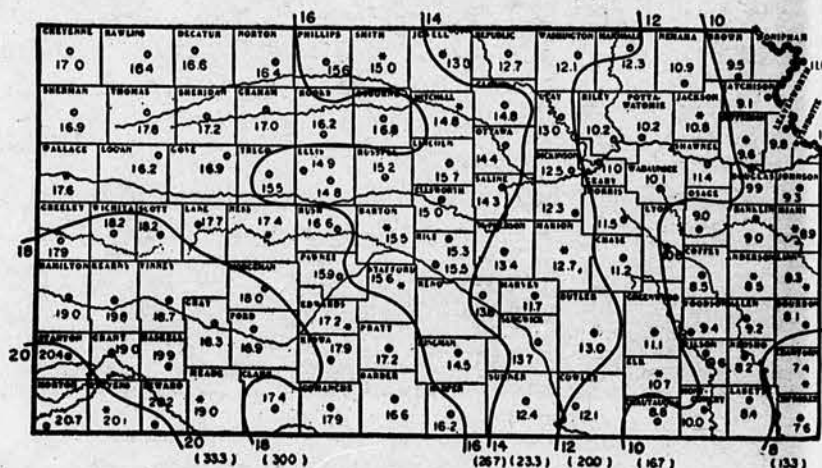
grooming, Meredith Brink, Coffey; general home economics, Carolyn Myer, McPherson.

Food preservation, Patricia Swenson, Rice; frozen foods, Pat Ring, Montgomery; food preparation, Barbara Lowe, Cowley; garden, Gertrude Coleman, Reno; poultry, Edwin Cotnam, Montgomery.

Legume and grass, Clare Pears, Lyon; soil conservation senior division, Jack Van Horn, Franklin; soil conservation junior division, Clare Patterson, Jr., Butler (he also won second place the news writing contest sponsored *Kansas Farmer*).

Citizenship, Joan Eubank and Philip Lunt, Pratt; community relations, Jack Sexton, Dickinson, and Lin Rundle, Clay; leadership, Shirley S. Derman, Marion, and Gary Neilsen, Cheyenne; achievements, Fred D. Coe, Jr., Saline, and Ardella Rusk, Sumner. Pictures will appear in future issues.

KSC Engineering Experiment Station Releases New Irrigation Bulletin



THIS MAP shows normal net irrigation requirements for alfalfa grown in Kansas, and is one of 9 maps in a new Kansas State College bulletin.

A NEW BULLETIN which estimates how much water Kansas farmers need to irrigate various crops is published by Kansas State College Engineering Experiment Station.

Entitled "Irrigation Requirements," the bulletin (No. 69) gives normal net irrigation estimates for wheat, alfalfa, sorghum, corn, oats, barley, soybeans, beets and sweet clover for every county. It was prepared by Richard E. Hanson of the department of agricultural engineering, and Walter R. Meyer, now with the soils division of the USDA.

Growing importance of irrigation in the Kansas economy is pointed up by the fact that irrigated acreage jumped from 248,067 acres in 1949 to 332,137 acres 3 years later.

Amount of water applied annually to a large part of the areas under irrigation has never been measured and these figures, if available, would be of doubtful value since indications are the trend is to overirrigate where adequate water is available from streams, and to underirrigate where water is from wells.

Estimates for Kansas crops are based on a recent USDA study which developed a procedure to calculate amount of moisture which a crop uses to the best advantage if plenty of water is available.

It was found that, even in areas where growing conditions differed widely, quantity of water required by the specific crop in a given period for its normal growth under field conditions varied little when such things as temperature, length of growing season, and number of daylight hours were taken into consideration.

With this established, the authors obtained data on normal rainfall, temperatures, and daylight hours for all counties and calculated normal require-

ments for basic Kansas crops. Included in the bulletin are outline maps of Kansas showing net amount of water, in inches, needed to irrigate each of the crops.

Other factors do influence amount of irrigation water required, such as rainfall, humidity, insects, plant diseases, wind movement, and soil fertility. You will have to make your own calculations of the effect of the things. The authors include data showing monthly consumptive water use, temperatures, and rainfall to be used in calculations for a specific farm.

For a free copy of the bulletin, write Farm Service Editor, *Kansas Farmer*, Topeka.

KANSAS FARMER

Continuing Mail & Breeze

ARTHUR CAPPER... Publisher (1893-1953)
121-123 West 8th St. Topeka, Kan.
Vol. 90, No. 23

H. S. BLAKE... President and Publisher
Raymond H. Gilkeson... Editor
Dick Mann... Associate Editor
Gordon West... Associate Editor
Carl Eiche... Associate Editor
Florence McKinney... Women's Editor
Dr. C. H. Lerrigo... Medical Department
Mike Wilson... Livestock Editor
J. M. Parks... Protective Service
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



Plus—SNAP-COUPLER! Handiest quick-hitch, for mounted implements ever devised! Fits all WD Tractors, too.

**Ask your dealer to
DEMONSTRATE these
5 Great Allis-Chalmers
Engineering
Advancements**

TWO-CLUTCH POWER CONTROL stops or slows forward travel to ease through tough loads; lets power-driven machines continue running.



SPRING LAMBS work very well on farms that have little native pasture. Here ewes and lambs on M. J. Sawin farm, Franklin county, are on barley pasture.

LITTLE EQUIPMENT is needed for the spring lamb program, reports Ralph Batdorf, Franklin county. Here one of his new lambs poses with its mother.



Spring Lamb Program SAFE, IDEAL

"Best paying project on farm last 2 years."—M. J. Swain

"Never lost money."—Raymond Wagner; Ralph Batdorf

"Always been profitable."—Verne Alden

By **DICK MANN**, Associate Editor, *Kansas Farmer*



THE SPRING LAMB program in Franklin county proves it is about as nearly a safe livestock project as can be found. Profits are never spectacular. But year in and year out, chances for a profit are very good. The Kansas spring lamb program, of course, was worked out by Kansas State College Extension service when C. G. Elling was in charge of sheep and swine work. The plan is simple: Breed ewes from May 15 to June 15 for November and December lambs. Objective should be to wean all lambs about May 1. Heaviest lambs should be ready for market by that time and weigh about 80 to 100 pounds. Lighter lambs can be carried along for another 3 or 4

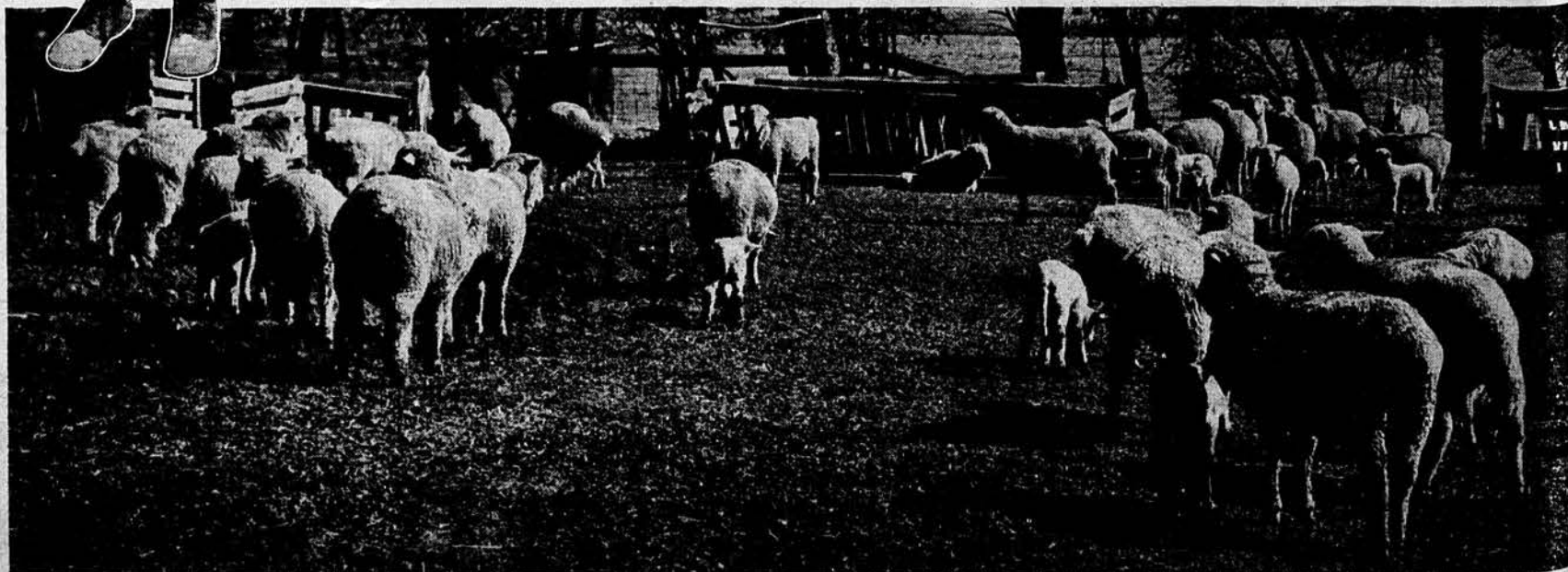
weeks and still be marketed before hot weather. Small lambs, or those which might not weigh more than 45 pounds by May 15, should be weaned, carried over summer on good pasture, and fattened out in fall.

In actual practice farmers take considerable liberty with this program in order to fit their individual conditions. Those we visited in Franklin county, however, all agreed the spring lamb program not only is safe but is ideal for farmers who have a limited amount of native pasture.

Now, let's look in on a few Franklin county farmers following this program to [Continued on Page 5]

JANICE KAY WAGNER (at left), daughter of Mr. and Mrs. Raymond Wagner, Franklin county, loves to help with the lambs. Her father and grandfather usually top the market with their fine spring lambs.

SINCE 1938 (below), spring lambs made money for Verne Alden, Franklin county. He handles 100 to 200 ewes a year.



Kansas Farmer

News and Comment

Farming for a Profit

KANSAS FARMER brings you a new feature, starting this issue, to help you and thousands of other readers keep abreast of ever-changing economic conditions. We are calling it "Farming for a Profit." You will find it on page 6 this time. It is being written especially for *Kansas Farmer* by Dr. Leonard W. Schruben, professor of agricultural economics at Kansas State College.



Doctor Schruben was reared on a Kansas farm and has had experience in both research and Extension in several phases of agricultural economics. He holds degrees from Kansas State College, the University of Illinois, and Harvard University. He has published both technical and popular articles. Before joining the faculty at Kansas State College in 1949, Doctor Schruben was employed by the U. S. Department of Agriculture in Washington. He was a supply officer in the Army for nearly 3 years during World War II. He is the youngest of 4 sons of Mr. and Mrs. William H. Schruben, of Hoxie. We know you won't want to miss "Farming for a Profit" in this issue, and in each one coming to your home in the future.

Who Owns the Land?

EVERYONE ever wondered just who owns the farm land in the United States? Uncle Sam has figured out this way. Individuals like you own 1,017.3 million acres or 88 per cent, corporations own around 4 per cent, while the public in general owns about 8 per cent. All of the 1.3 per cent of Kansas farm land is owned by individuals.

The fact this farming land is owned and operated by many, many individuals instead of government or large corporations has made it the greatest and most successful agricultural nation in the world. Majority American farming has been along that line for all of our recorded history. We respect the pioneers who cleared out their claims, cleared them and made them produce a living. Today the family-size farm is looked upon as the stable foundation of America. It frankly is a main safeguard of our way of life.

The importance of the family farm has been recognized by every administration our government has had. Every Congress has had deep

concern for the welfare of the family farm. And the general public, speaking thru their elected officials, have in certain states, set up laws that restrict operation and ownership of farm land by corporations, limit the time investment companies can hold agricultural land. There is greater incentive for family farm ownership in the United States than in any other country on the face of the earth—and greater reward.

What Is Your Question?

WILL EGG PRICES be higher next year? Will demand for turkeys increase? Will feed prices be higher or lower? Will there be enough fertilizer in 1954? How are cattlemen being helped? Will it pay to store soybeans?

These are important questions. For the answers, please turn in this issue to the enlarged department under the heading, "From a Marketing Viewpoint." From now on this enlarged department will be a regular feature in each issue of *Kansas Farmer*. Watch for it, because it will be of money-making, money-saving help to you. The 4 marketing authorities at Kansas State College who wrote "Marketing Viewpoint" this issue will be joined, during coming issues of *Kansas Farmer*, by others to answer your marketing-questions which are so important to you.

You are invited to send your marketing questions to the editor of *Kansas Farmer* so they can be answered by this staff of experts. We hope you will use this service freely. To do so simply drop a letter or post card to the editor of *Kansas Farmer*, Topeka, Kan., stating your question.

As soon as your questions are received they will be promptly considered.

Tough on Insects

THERE SOON won't be any place safe for insects. Kansas State College scientists have developed a way to listen to hidden insects chewing inside kernels of wheat and other grain.

What good will that do? Well, it has a practical application, because this will make possible rapid evaluation of the effectiveness of fumigants, for instance, the college reports, where normally it might be several weeks before the insects would emerge.

Investigators have been able to detect internal insects in all except the egg and extremely early larval stage. The insects, in the larval and pupal stages, appear to have 2 distinct types of sound. One is a low scraping noise, believed made by the movement of larva and pupa within the kernels; the other is a high sound, believed caused by chewing.

This is just another indication that your Kansas State College is constantly on the job helping meet the many problems that bob up to plague farmers.

A special report to the Topeka Daily Capital said: State-wide campaigns of publicity and education on the stored grain insect problem have proved worthwhile, official inspection reports of the United States Department of Agriculture indicate.

During the 5 years Kansas State College and the Kansas Wheat Improvement Association have carried on the joint project, bushels of weevily wheat have been reduced from a high of 26,163,000 for the crop year ending June 30, 1949, to a low of 1,134,000 for the crop year ending June 30, 1953.

"Dry wheat helped, but it took more than dry wheat to accomplish such results," said C. W. Pence, director of field activities for the Kansas Wheat Improvement Association.



"Attempting to explain some Washington regulations, a young lawyer found them so ambiguous, verbose and complex they led him to jot down such 'words' as legalfusion, gabalia, burobabble, baffle, and then in one huge scribble, bafflegab! (They mean about the same as gobbledygook.)"

"Orator: And now, ladies and gentlemen, I'd like to tax your memory."

"Voice from the back of the room: Oh, no! Not that, too!"

"Jack would make a good diplomat, believe his friends, as he has convinced Mrs. Jack she looks just too fat in a fur coat!"

"Good advice: Do not resent growing old—many folks are denied the privilege."

"Some architects have a pretty rough go of it at times. Take for instance the lady who wanted a house designed to go with the new brass door knocker she picked up last summer in New Hampshire!"

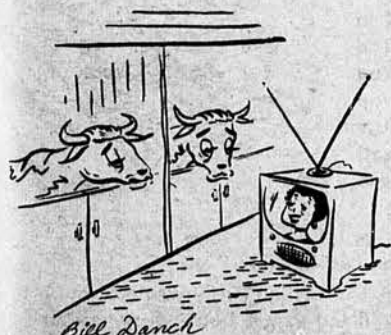
"Optimism: A cheerful frame of mind that enables a teakettle to sing, even though it's in hot water up to its nose!"

"Farmers in particular deserve much credit for the care of farm stored wheat."

These figures include all cars of wheat inspected at all interior Kansas markets, as well as all markets at Missouri River points.

A good market in fed cattle during January, February and into March is predicted by Harold F. Breimyer, agricultural economic statistician for the USDA. He told this to county agents at Manhattan, meeting in their annual Extension conference. "A lot of these cattle that went on feed early were bought cheap, and there will be many a feeder who wished he had filled up more of his lots and filled them fuller than he did," Mr. Breimyer believes. He doubts, however, that the trend will hold up into spring. He believes the beef supply for several years will continue larger than in years before 1953, but there will be an end to the persistent declines. He sees hogs and poultry as the farmer's best bet during 1954, with lamb and dairy prices holding their own.

Hello there: More than 42 per cent of farms in the U. S. now have telephones, compared to 25 per cent in 1940. More phones were installed in farm homes in the last 12 months than in any similar time since the close of World War II. If anyone needs a telephone for business reasons it is the farm family.



"Some balder dash about making you more contented with your lot!"



"You weren't doing anything wrong. But your kid was making faces at me thru the rear window!"

LOOK AT IT THIS WAY!

We all look for easier, faster ways to do those pesky, heavy, dirty chores . . . and here's the answer . . . the NEW American 4-WAY.

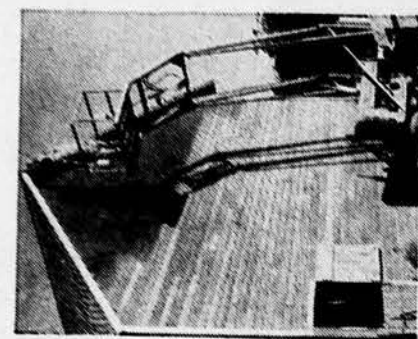
Heavy ice-tep is easily loosened, and feed quickly spread in the field with this 4-WAY equipped with 5-tooth forage fork.

A COMPLETE LINE OF POPULAR ATTACHMENTS ARE AVAILABLE TO MAKE YOUR WORK EASIER.

AMERICAN MODEL 30

4-way

PUSHES, STACKS, LOADS, and LIFTS 3000 LBS. up to 27 ft.



Why be snowed-in this winter? It's easy to keep your road open with this rugged high speed V-Plew attachment.

Look at this . . . Over 30 feet up! Paint barns, repair roofs, pick fruit, or trim trees.

No more back-breaking chores, or money tied up in idle equipment. Heavy farm tasks get done faster, easier, and safer with this modern, rugged hydraulic 4-WAY.

To make farm and ranch work easier, get an American 4-WAY, the new industrial approach to modern farming. The 4-WAY is a time-saving, labor-saving means of doing those heavy, heart-straining chores. You can drive your tractor right into or out of the 4-WAY—it's easily mounted or unmounted (there are only 6 bolts). With all its useful attachments, the 4-WAY costs less than many specialized pieces of farm equipment that stand idle 50 weeks of the year. Why not let a 4-WAY help you the year 'round.

COMPARE FEATURES — CONSTRUCTION — PERFORMANCE
You'll agree that the 4-WAY is today's best buy!

FARM EQUIPMENT DIVISION

AMERICAN ROAD EQUIPMENT CO.
4302 No. 28 St. • Omaha, Nebraska



For FREE Illustrated FOLDER and the name of your nearest 4-WAY Dealer, write to . . .



FARMING FOR PROFIT

By LEONARD W. SCHRUBEN
Professor of Agricultural Economics
Kansas State College

The Economic Outlook for Next Year

This is written to help you with your 1954 farm plans. Adjustments to rapidly-changing conditions must be made if you expect to realize the best profits in 1954. This summary is based upon Kansas State College and U. S. Department of Agriculture estimates.

NO ONE HAS discovered how to make a forecast that will always be correct, and I make no such claim. However, careful study of economic information gives a good basis for estimating probable trends. It is assumed, tho not predicted, that international tensions of about the same intensity will prevail in 1954 as 1953; that inflation will be held in check and that a depression will not occur; that unemployment will increase slightly; and that over-all federal, state and local government spending in 1954 will almost equal 1953.

Highlights of 1954 Outlook

1. Prices of things farmers buy are generally expected to remain at 1953 levels with some weakness developing in automobile and farm machinery prices. Prices farmers receive for things they sell are expected to continue to ease downward during 1954 thus accentuating the price-cost squeeze of the past year.
2. Domestic demand for agricultural products is expected to remain at high levels during 1954 but somewhat below 1953. The amount spent for food is not likely to be greatly different in 1954 as compared to 1953.
3. Foreign spending for United States farm products was substantially less in the 1952-53 season just ended than during the comparable period a year earlier. This decline has been especially important in the wheat economy. Exports of U. S. wheat are expected to total from 225 to 250 million bushels in the 1953-54 season as compared with 320 millions the season earlier and a post-World War II high of more than 500 million bushels. The International Wheat Agreement provides the United States with a quota of about 210 million bushels.
4. Farm production costs were somewhat lower in 1953 than in 1952 and may decline further in 1954. Price concessions and better trade allowances for industrial goods, such as automo-

biles and farm machinery, are expected to become more general in 1954. All over-all costs eased during 1953, but turns declined even more which emphasized the need for a continual effort by farmers to reduce costs. Wage rate interest rates, and taxes are expected to remain near present levels or advance slightly in 1954; which means farmers must become more efficient costs are to be greatly reduced.

5. Building material prices have changed appreciably since 1951. Prices for building materials, fencing, and other farm supplies are not expected to advance above 1953 levels and some price concessions may be realized as farmers cut back expenses in adjusting to prices of farm products leveling off.

6. The wheat outlook for 1954 indicates another year of major adjustment to shrinking foreign markets for wheat. Wheat acreage allotments and marketing quotas are in effect for the 1954 wheat crop as a result of the large domestic supply of wheat. Because allotments, the smallest acreage since 1942 is expected. A total of 53 million acres (U.S.) were seeded for harvest in 1942 which was smallest of record. Almost 84 million acres were seeded for harvest in 1949, largest recent record. Acreages have been large for the last 3 harvests and combined with favorable yields and shrinking markets have led to a record supply of 1,765 million bushels at the beginning of the current crop season. This supply is equal to about 2½ year's normal domestic use. Price supports for 1953 crop wheat have been announced by USDA to reflect a minimum \$2.20 per bushel U. S. average.

7. The corn supply for the 1953-54 feeding season is second largest of record. Corn prices will likely be under constant downward pressure through much of the 1953-54 feeding season. The price-support program will likely dominate the price situation. USDA announced that "in case corn acreage allotments are in effect, the full 90 per cent support for 1954-crop corn would be available only to co-operating producers in the commercial corn producing area. Co-operating farmers outside the commercial area will be eligible for price support at 75 per cent of the level of price supports in the commercial area."

(Continued on Page 7)

I WONDER HOW THAT STARTED

"Don't Cross the Bridge Until You Come to It"

This ancient saying first appeared in 1599 when Henry Porter wrote in "The Two Angrie Women of Abington," "You must not leape ower the stile before you come to it." Then in 1851, Longfellow modernized the saying and popularized it during the 19th century when he wrote in "The Golden Legend":

"Don't cross the bridge till you come to it, Is a proverb old, and of excellent wit."

The saying also was popularized in 1895 when Addy wrote about it in his "Household Tales." The meaning is still the same: Don't worry about something that hasn't even happened!

Joan Amos, Colby, asked us about this familiar old adage. What's yours? Just send it to "How That Started?" Kansas Farmer, Topeka.



8. Grain sorghum acreage is expected to increase in 1954 as plantings of wheat and cotton are reduced. Grain sorghum prices are expected to remain under downward pressure thru much of 1954. Livestock feeders who buy grain may be able to reduce costs by shifting from corn to grain sorghum.

9. Soybean prices are expected to trend upward until early or mid-spring. Altho carrying stocks for the 1953-54 season exceeded those for last season, they were more than offset by reduced 1953 harvest.

10. High-protein feed supply available during the 1953-54 season is expected to be somewhat smaller than in 1952-53. Prices are expected to average somewhat lower during the winter of 1953-54 than during the corresponding period a year earlier. Some added strength can be expected later in the season as adjustments are made to a 1953 soybean crop which is smaller than that of 1952.

11. Hog production in 1954 is expected to expand about 8 per cent in response to the favorable hog-corn price ratios of 1953, and it appears as if 1953 marks the end of the down phase of the hog numbers cycle. Increased slaughter the last half of 1954 probably will result in more of a fall-winter seasonal decrease in hog prices with hog prices in general averaging somewhat lower than this year.

12. Cattle and calf slaughter in 1954 will about equal that of 1953 and prices of cattle are expected to remain fairly steady. More normal profits in feeding cattle appear in prospect this winter. Should profits generally be realized, a stronger feeder demand is expected during the fall of 1954 than in 1953.

13. The 1953 lamb crop was about 7 per cent larger than for a year earlier. However, sheep and lamb slaughter during 1953 has been about 12 per cent larger than for last year. Sheep and lamb prices probably will remain fairly stable during 1954 with the price of wool determined largely by supports.

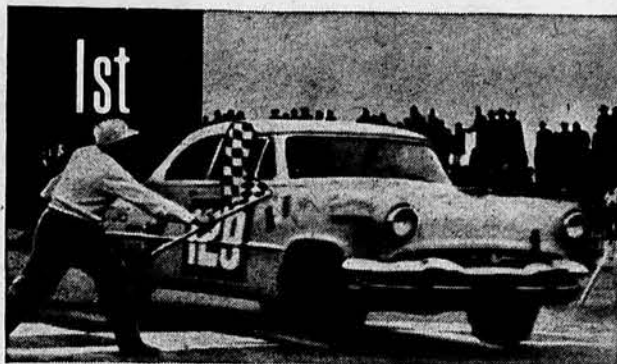
14. Consumer demand for milk products is expected to be as strong in 1954 as in 1953. The level of dairy prices in 1954 likely will be influenced more by the level of support prices than in other recent years. The new support price for dairy products will be set no later than April 1, 1954. Assuming that the business outlook does not change substantially between now and early spring, it appears dairy prices will be slightly lower depending on government support operations in 1954.

15. Poultry and egg outlook indicates a continued favorable prospect for poultrymen during 1954. Continued good consumer demand for poultry products is expected. Egg prices during spring and summer of 1954 probably will average slightly lower than the 44-year record highs of a year earlier. A continuation of favorable egg-feed price ratios thru the winter would most likely be followed by increased hatchings next spring.

16. Broiler prices averaging near 1953 levels are probable. An increase of about 6 per cent in the numbers of broilers produced in 1954 as compared with 1953 is in prospect. New records have been set in the numbers of broilers produced each season since 1947 and wide consumer acceptance has developed.

17. The generally favorable 1953 turkey marketing season probably will be followed by an increase in turkey production during 1954 if producers react in the usual manner to the relatively favorable prices of 1953. Pounds produced in 1953 are expected to be 12 per cent below 1952, altho numbers were actually decreased by 8 per cent. Prices in 1954 are expected to average slightly below 1953.

Mobiloil wins 1-2-3 in Mexican Road Race!



1st
Winner, Chuck Stevenson, driving 1953 Lincoln, averaged 90.93 mph.



2nd
2nd place went to Johnny Mantz who averaged 90.89 mph in 1953 Lincoln.



3rd
3rd position went to Walt Faulkner driving 1953 Lincoln.

Mobiloil

WHY ACCEPT LESS FOR YOUR CAR OR FARM EQUIPMENT?

Rightly titled, "world's toughest automotive competition," Mexico's Pan-American Road Race is a gruelling test for drivers, cars and engines. Ninety-five cars started... only thirty-nine finished. *The first three to finish used Mobiloil!*

Use world-famous Mobiloil with new super-detergent action to keep your car, tractor and truck engines running smoother, quieter, longer. And insist on Mobil Farm Lubrication to keep all your farm equipment better protected, longer lasting... smoother performing.



Call in Your
Mobilgas-Mobiloil
Man!



Thank You

I enjoy your corner, "I Wonder How That Started," for I have many times wondered how so many sayings really did start.—Mrs. H. F. Huff, Oneida, Nemaha county.

— TOPS MY LIST TOO! —



MORE AND MORE FAMILIES ARE CHOOSING MAJOR ELECTRIC HOME APPLIANCES for Christmas Giving

We can't think of anything else in the whole world that so completely fills the requirements of the perfect gift. Electric home appliances are at once beautiful, useful, durable, and thoughtful.



And, of course, the name Frigidaire on any major home appliance is the mark of quality that means you chose wisely.

For The Gift That Keeps On Giving, See Frigidaire Appliances At Any Of These Quality Dealers

ABILENE Shockey & Landes	ELKHART Ellis Motor Service	LEBANON Lebanon Electric	PITTSBURG Ridkey's
ALMA Hansenbank & LaMar	ELLIS O'Loughlin Motor Co.	LENORA Eldridge Electrical Co.	PLAINVILLE Mosher Bros.
ALTAMONT Holmes Hdwe. Co.	ELLSWORTH Mills Furniture Store	LEON Losh Motor Co.	PRAIRIE VIEW Prinsen Bros. Hdwe.
ANTHONY Wood Music Co.	EMPORIA Stephens Furniture Co. Inc.	LEOTI Western Hdwe. & Sup.	PRATT Link Electric
ARGONIA Horton Furniture Co.	ESKIDGE Whitard Sales & Serv.	LIBERAL Hettie Appliance	PRETTY PRAIRIE General Appliance Co.
ARKANSAS CITY Wright-Burton Hdwe.	EUREKA Donnelly's Radio Electric Service	LINCOLN B. G. Hall	QUINTER Quinter Appl. Store
ARLINGTON Fay's Sundries & Appl.	FALL RIVER Fall River Impl. Co.	LINDSBURG Billings Refrigeration & Elec. Appl.	RILEY Meyer Mercantile
ASHLAND Grimes Homegas, Inc.	FLORENCE Roberts Machinery Co.	LITTLE RIVER Hodgson Impl. & Hdwe.	RUSSELL Deines Bros.
ATTICA K. R. Anthony Furn.	FORT SCOTT Darling & Maguire Sales Co.	LURAY Hickman & Hampl Plumbing & Elec.	ST. FRANCIS Roelf's Electric
AUGUSTA Coleman Gas Serv. Co.	FRANKFORD Lauer Electric Shop	LYONS Deardorff Furn. Co.	ST. JOHN Abrahamson Appl.
AXTEL Both's Lock & Ap. Co.	FREDONIA Hollis Hardware Co.	MACKSVILLE Brettenbach Appl.	ST. MARYS Youngkamps Furn.
BAXTER SPRINGS Milo Chew Drug Co.	FURLEY Boyd Implement Co.	MADISON Schottler's, Inc.	SALINA Goodhousekeepers Appl., Inc.
BELLE PLAINE Foster Refrig. & Appl.	GARDEN CITY Mayo's	MANHATTAN Kaup Furniture Co.	SATANTA Decker's
BELLEVILLE Barth Appl. Center	GLADEN PLAIN Erker Supply	MAWATER Waters Hardware	SCANDIA Sanborn Lumber Co.
BELT Hiserote & Weir Appl.	GLASCO R. W. Cramer Hdwe.	MANKATO Beam Motor Co.	SCOTT CITY Bryans, Inc.
BENNINGTON Powell Service	GOODLAND D & G Electric Co.	MARQUETTE Home Appliance Co.	SEDAN Ding Bell Chevrolet
BENTON Moots Bros.	GREAT BEND Mathers-Jaeger Appl. Company	MARYSVILLE Fred Burris	SHARON SPRINGS C. E. Moons & Son
BLUE RAPIDS Brake's Furn. Store	GREENLEAF Hogan & Sons	MCPHERSON Green's Appl. Store	SMITH CENTER Gripton's
BUCKLIN Day Hardware Co.	GREENSBURG Culp Home & Auto	MEADE C. F. Worman Elec.	SPEARVILLE Heskamp Chev. Co.
BURDEN Lewis Chevrolet Co.	HAILEY Mantele's Dept. Store	MEDICINE LODGE Medicine Appl. Co.	STAFFORD Pescok & Solce
BURNS Lyons Supply Co.	HARPER Jess Hamilton	MENTOR Johnson's Hardware and Elevator	STERLING K-T Oil Station
BUSTON Slerner's Service	HAYS Hers Music Co.	MILTONVALE Phelps Furn. Store	STOCKTON Quenzer Appl. Co.
CALDWELL Terry Hardware	HERINGTON Fred Lee & Sons	MINNEAPOLIS Horn Hardware	SYLVAN GROVE Waters Gatewood & Sons
CANEY Pendleton Chev. Co.	HILL CITY Quenzer Appl. & Hdwe.	MORGANTVILLE Will F. Taddiken	SYRACUSE Stewart Furniture
CAWKER CITY Riley-Rhoades Ap. Co.	HILLSBORO Loewen Radio Sales and Service	MOUNDVILLE Krehbiel Hdwe. & Impl. Co., Inc.	TIMKEN Timken Lumber & Hardware Co.
CEDAR VALE Williams Motor Co.	HOISINGTON Geiman Appl. Co.	MOUNT HOPE Johnsmeier's	TRIBUNE Western Hdwe. & Motor Co.
CHANUTE Nan & Bolze Hdwe.	HOLYROOD Westmacott Hdwe. Co.	MULVANE Mullins Electric & Television	TURON Turon Electrical Sup.
CHAPMAN Sanborn Lumber Co.	HOPE Wadsworth Furn. Co.	NASHVILLE Stewart Motor Co.	ULYSSES Ulysses Hardware
CHENEY Cheney Farm Store	HOWARD Virgil Munsinger	NATOMA Fohlman's Home Furn.	UTICA S. Brett Co.
CHETOFA Blankenship Hardware	HOKIE H & K Appliance	NEODESHA Kimball Electric Shop	VALLEY CENTER Central Supply
CLAFIN J. W. Miller & Co.	HUGOTON Bob May Chevrolet Co.	NESS CITY Schroyer's, Inc.	WAKEENY Clark Supply Co.
CLAY CENTER Marshall's, Inc.	HUTCHINSON Graber Furniture Co.	NEWTON Newton Appl. Center	WAKEFIELD Sanborn Lbr. Co., Inc.
CLEARWATER Webb Motor Co.	INDEPENDENCE Lee's Refrigeration Co.	NORTON Horney's, Appl.	WAMEGO J. E. Stewart & Sons
CLIFTON Beattie-Eastlinger	IOLA Schell's Appl. Store	NORWICH E. S. Eshnaur & Sons	WASHINGTON Grimm Hardware
CLYDE A. Seifert Jewelry	JETMORE Lindas Hardware, Inc.	OAKLEY C. D. Clark & Sons, Inc.	WATERVILLE Hensley Hdwe. & Furn.
COFFEYVILLE Kingsbury Furn. Co.	JEWELL Jewell Lumber Co.	OBERLIN Anderson & Son Hdwe. & Impl.	WELLINGTON Nichols Electric Co.
COLDWATER Barral Gas & Elec. Co., Inc.	JOHNSON Stewart Furniture Co.	ONAGA Tessendorf Furn. Co.	WESTMORELAND Knapp's Cash Hdwe.
COLUMBUS Brown Refrigeration Service	JUNCTION CITY Waters Appl. Store	OSBORN Quenzer Appl. Co.	WICHTA The Appl. Center, Inc.
CONCORDIA Cuthbertson Elec. Co.	KENSINGTON Simmons-Oliff	OSWEGO Williamson Stores, Inc.	WINCHESTER Vowel Furniture Co.
COTTONWOOD FALLS Hamm Electric Co.	KINGMAN Kingsman Radio Shop	OWASCO Donley Hardware Co.	WILMORE Bowersock Mills & Power Co.
COUNCIL GROVE Rumsey & White	KINSLEY Maytag Appliance Co.	PABSONS Keele Appliance	WILSON Weber Hardware
DIGHTON Mull Electric Service	KIOWA Fisher-Wood Hdwe.	PEARBODY Baker Furn. Store	WINFIELD Winfield Electric Co.
DODGE CITY Newell & Co.	LAKIN Newell & Co.	PHILLIPSBURG Newell's Appl. Store	YATES CENTER J. C. Schell
EL DORADO Powell Hardware Co.	LARNED A. A. Doerr Merc. Co.		

Article No. 6 in KANSAS FARMER'S special series on What We Know About Fertilizers And How They Increase Production

By M. H. McVICKAR, Chief Agronomist, The National Fertilizer Association

Q. What do the figures on the fertilizer bag mean?

A. These figures tell the fertilizer grade. For example, a 5-10-5 fertilizer is one that contains 5 per cent total nitrogen, 10 per cent available phosphoric acid and 5 per cent water soluble potash. The percentages are always given in the same order—first, nitrogen; second, available phosphoric acid; and third, water soluble potash.



M. H. McVikar

Q. What's the meaning of the term: "fertilizer formula"?

A. "Fertilizer formula" refers to the materials used in making up a particular fertilizer mixture or grade. For example, one formula for making up a ton of 8-8-8 specifies 800 pounds of ammonium sulfate, 800 pounds of 20 per cent superphosphate, 258 pounds of muriate of potash and 142 pounds of dolomitic limestone. There can be many different formulas for the same grade.

Q. Is there any truth in the statement made that continued use of commercial fertilizer ruins the soil?

A. There is no truth whatsoever to this statement. The Rothamsted Experiment Station in England has been running a continuous wheat experiment since 1839 comparing commercial fertilizers and manure. The results: The average yield of wheat on the commercially fertilized areas has been just as high as on those receiving rather heavy annual application of manure. Likewise, there has been no difference in the quality of a wheat produced or susceptibility of plants to disease.

Q. How many plant food elements are required for normal plant growth?

A. Most scientists agree there are 15 essential plant food elements: Nitrogen, phosphorus, potassium, carbon, hydrogen, oxygen, calcium, magnesium, sulfur, manganese, boron, copper, zinc,

iron and molybdenum. The first 3 (nitrogen, phosphorus and potassium) are known as the primary plant food elements; and manganese, boron, copper, zinc, iron and molybdenum as the trace or minor plant food elements. Carbon, hydrogen and oxygen come from the air. Water and carbon dioxide are released thru decomposition of organic matter.

Q. When was the first chemical fertilizer made in the United States?

A. Just a little more than a century ago. The birthplace of the fertilizer industry is Baltimore, Md. Records show the plant was started in 1849, but the no fertilizer was manufactured until 1850. Of course, some fertilizer materials such as guano and nitrate were previously imported from foreign countries. Best records available indicate ground bone was first used as fertilizer in the United States in 1825. It was not until 1835, however, that Escher suggested treating bones with acid to increase the solubility of the phosphorus which they contain.

Q. Does soil reaction (degree of acidity or alkalinity) influence the availability of plant food elements in the soil?

A. It certainly does. Most plant food elements are most readily available between pH 6.5 and pH 7.0. Remember that pH 7.0 is neutral—under 7.0 is on the acid side; over 7.0 alkaline.

Q. Can hay and pasture crops be fertilized in fall with results equal as good as spring applications?

A. Most agricultural authorities feel that fall applications are equally effective as those made in the spring. Where heavy applications of nitrogen are involved, recommendations usually specify holding back most of this particular plant food until spring, in order to safeguard against possible loss of leaching. However, the other 2 plant foods, phosphoric acid and potash, are not easily lost from the soil and can be on in the fall. In fall it is usually easier to get on the land. Fall application also keep the sod vigorous and less winter injury. Then, too, with the year out of the way more time will be available for the many rush jobs in spring.

Eight New Modern Homes —FOR YOUR CHOICE

EIGHT NEW modern homes which are compact and reasonably low in cost are described in a new publication of the Kansas State College Engineering Experiment Station. A copy of "Designs for Kansas Homes" is available to you free. Write Farm Service Editor, Kansas Farmer, Topeka.

In addition to descriptive material, there are 3 photographic pictures of models of each home and a complete floor diagram. All are planned for efficiency and elimination of waste spaces. The booklet can serve as a guide in building a new home, or give ideas for the home you have, or in remodeling.

Homes range in size from a structure with 760 square feet of floor space to a 6-room house, built on 3 levels, with 1,350 square feet of floor space. Many are suitable for expansion, as the family grows, or more room is wanted. Winds, hot summer sun, and gaining warmth from winter sun are all taken into consideration.

The newly-popular casual way of living finds its way into designs—living rooms in rear, taking advantage of integration with outdoor living areas such as terraces, patios, screened-in porches, yard, garden, views. Every-

thing in the home is planned for convenience and comfort for all the family. Sleeping areas are located away from living and work areas for maximum privacy, and have ample storage and closet space. Tricks such as locating windows high on walls, use of built-in and sliding closet doors gain space and give an uncluttered look.

Family living in the true American spirit is given new impetus in the designs of these 8 new homes.



"What gets the dishes from the table to the washer?"

"Give a Lifetime of
Good Mornings, Folks!"



THE BLANKET
Available with one or
two controls . . . in a
wide variety of colors.

THE SHEET
Economical. Use with blankets
you have on hand. Easily
stored.

..The Gift of COMFORT

FOR EVERY ELECTRIFIED FARM

NEW comfort and enjoyment have come to farm families! Forget the day's work—exposure to wind and storm—in the greatest comfort and relaxation of all—completely restful sleep, under an electric bed covering.

It doesn't matter how cold bedrooms get or how stormy the weather! Automatic controls give comfortable, even warmth all night long. Your sleep is relaxed and restful—you enjoy "warmth without weight," because one elec-

tric blanket gives as much warmth as four ordinary blankets. And that's a whale of a lot different than waking up weary and exhausted from fighting piles of heavy coverings. Electric bed coverings are inexpensive to own . . . and certainly practical to use.

So make this Christmas one the family will remember—with gifts of restful sleep. Give electric bed coverings for a gift that "keeps on giving." See them—and the wide array of electric gifts—at your appliance dealer's.

OTHER ELECTRIC GIFTS FOR YOUR FARM

Churns—Incubators
Milk Coolers—Water Heaters
Water Pumps—Brooders
Water Warmers
Feed Mixers—Feed Grinders
Food Grinders—Paint Sprayers
Poultry Lighting—Poultry Sunlamps
Animal Clippers
Milking Machines
Ventilating Fans
Home Workshop Equipment

FOR YOUR HOME

Electric Bed Covers—Blenders
Clocks—Electric Razors
Coffee-makers
Irons—Food Freezers
Electric Ranges—Refrigerators
Electric Mixers—Waffle Irons
Electric Roasters—Floor Lamps
Radios—TV Sets

ELECTRIC LIGHT AND POWER COMPANIES IN KANSAS

Central Kansas Power Company
Western Light & Telephone Company
The Kansas Power and Light Company

Kansas Gas and Electric Company
Kansas City Power & Light Company



"I'm Making More Money" ... You Can, Too!
with



AMES IN-CROSS HYBRIDS

300 to 500 Dozen EXTRA EGGS per 100 Hens

Extensive tests from coast to coast, prove Ames In-Cross Hybrids lay from 3 to 5 more eggs per bird, per month, than good standard bred hens. In 12 months of lay, you get 300 to 500 dozen extra eggs per 100 Ames In-Cross hens.

AMES-IN-CROSS Hens Also Give You These BONUS PROFITS

- More No. 1 grade eggs for top market prices.
- Feed savings of $\frac{1}{3}$ to 1 lb. per dozen eggs.

Your Choice of Egg Color and Body Size of AMES IN-CROSS Hybrids

- White-Egg Hybrid—Light Weight (4½-5½ lbs.)
- Tinted-Egg Hybrid—Medium Weight (5-6 lbs.)
- Brown-Egg Hybrid—Heavy Weight (5½-6½ lbs.)

For extra egg income, order the Ames In-Cross Hybrid that best fits your needs. See your Ames In-Cross hatcheryman. If unknown, write for his name and address, today.

"Our Ames In-Cross hens averaged 78 to 80% production all winter long. Livability was excellent. They made us more money than any other chickens we ever raised."
—Mrs. L. K. Buckles, Jr., Mt. Pulaski, Illinois.

Genuine Hybrid Chickens Are
INbred and CROSSbred
Make More Profit from the Best



AMES IN-CROSS
504½ Grand Avenue
Des Moines, Iowa

Read the Ads in Kansas Farmer

There's a world of helpful information in the scores of advertisements in EVERY ISSUE — READ THEM CAREFULLY.

If you want to find out more about the articles described, don't hesitate to write the advertiser.

YOU CAN BUY ADVERTISED PRODUCTS WITH CONFIDENCE

when ordering fertilizer
for next year's corn
ask for an
aldrin-fertilizer mix
get rid of rootworm, wireworm,
seed corn maggot and other soil insects

Technical aldrin, a product of
Shell Chemical Corporation, Denver, Colorado,
comes ready for use in brand name fertilizers.

Thoughts TO LIVE BY

"Christmas Angels"

SUPPOSE YOU SAW an angel! How would you react? Some people would disbelieve their senses. Like Scrooge, they would suspect their supper was giving them bad dreams. Some people might be grateful. They knew there were friendly forces about them in this world. To see them materialized and incarnated would be a source of joy. But many people would be afraid. A few would surely think they were dead. The majority would react with dread. It is rather typical for people to fear the unknown, to be afraid of strangers and things outside their experience. Well, angels aren't commonplace. It's easy to see how they would cause consternation.

When Gabriel appeared to Mary, she was frightened. So were the shepherds when the angel proclaimed the birth of Jesus to them. In both cases, the celestial visitors put their hearers at ease. "Fear not," they said.

To Mary, Gabriel said, "Fear not for thou hast found favor with God." The Bible speaks of three people who found favor with God—Noah, Joseph and Mary. Surely people who have found favor with the Almighty need have no fear. Now look at yourself for a minute. Think about the favors God has showered upon you. The poor of our land have conveniences Joseph couldn't find in the palace of Pharaoh. And the

mechanical aids at the disposal of the American housewife gives servants Mary didn't dream of possessing. In the light of all our blessings, symbols of God's favor, ought not be afraid.

And to the shepherds, the angel said, "Fear not, for behold, I bring you good tidings of great joy which shall be to all people for unto you is born this day in the city of David a Saviour, which is Christ the Lord. For was used twice as a conjuncture to the shepherds as it had been used once to Mary. It introduces the reasons for not being afraid. The angel explained to the shepherds that the news was good, and it was for everyone. A Saviour was born who would eternally meet the need of man. These poor shepherds needed a Saviour. They were in bondage politically and morally. Rich as we may be with gadgets, we also have poverty like the shepherds'. Politically, we are victims of a vicious circle. We are destroying ourselves to protect ourselves. And more we are in the grip of evil forces don't like to acknowledge. But need not fear. The good news is us, too.

As Christmas approaches, you may hear the angels. They are friendly messengers. Angels mean messengers. And they will say to you, "Fear not, for And the result will be good. —Larry Schuler

Diabetes—Controlled If Not Cured

By CHARLES H. LERRIGO, M. D.

YOU KNOW about diabetes. It is a disease that affects millions. And thus far no doctor expects to cure it. But the bright spot is he can control it. Thirty-three years ago the person with diabetes was a fighter with only one weapon. That was rigid control of carbohydrates, especially sugars.

Then came the year 1921 with Doctors Banting and Best proclaiming the discovery of Insulin. Thus were prolonged the lives of millions marked as potential victims.

But diabetes is still a major cause of death. It presents definite symptoms which may lead any intelligent person to suspect it—prominent symptoms such as unusual thirst, increased flow of urine, loss of strength, sweetish or bitter taste in mouth, rapid decay of teeth, itching of skin at urinary outlets, boils, cataract, gangrene. Incidentally, no diabetic has all of these symptoms, and it is possible to have the disease without any. But an important point is that diabetes is one of the insidious diseases that creep up without any loud alarm. It is also one of the diseases in which early treatment makes all the difference.

Examine Every Patient

Usually there seems to be a greater incidence among women than men. But, in large clinics and hospitals every patient who comes, no matter for what supposed ailment, is also examined for diabetes. They find plenty of early cases. People who had no suspicion of the trouble, but came for something quite different. In this record the men outnumber the women.

What difference does it make to the patient whether he knows about his diabetes early or late?

The answer is in years and years of greater comfort. The point is that dia-

betes is one of the so-called "deficiency diseases." The simplest theory is that it comes because the "islands" of the pancreas, that produce the insulin your body, are not doing a satisfactory job. Discover the deficiency early and insulin can be given and the patient's chances greatly improved. He is able to live a useful and enjoyable life, yet the control demands most careful adherence to the intake of selected foods and drinks despite, and in addition to, the use of insulin. Your home doctor is the one to make the necessary examination and is undoubtedly fully equipped.

Since anyone may have diabetes its possibility should certainly be considered in the annual health check-up—so important each year of middle life. It is particularly important, for people over 40, if you know that blood relations are diabetics, if you are inclined to be overweight, if you are a hearty eater, if inclined to skin infections, and if you want to live comfortably into the eighth and ninth decades.

Kansas Farmer has a special letter "Hints About Diabetes." Anyone desiring a copy should send a request with an envelope addressed to him and bearing a 3-cent stamp, to Doctor C. H. Lerrigo, Kansas Farmer, Topeka. No copies can be sent unless the stamped envelope is received.

Your copy will be mailed at once.

Thank You

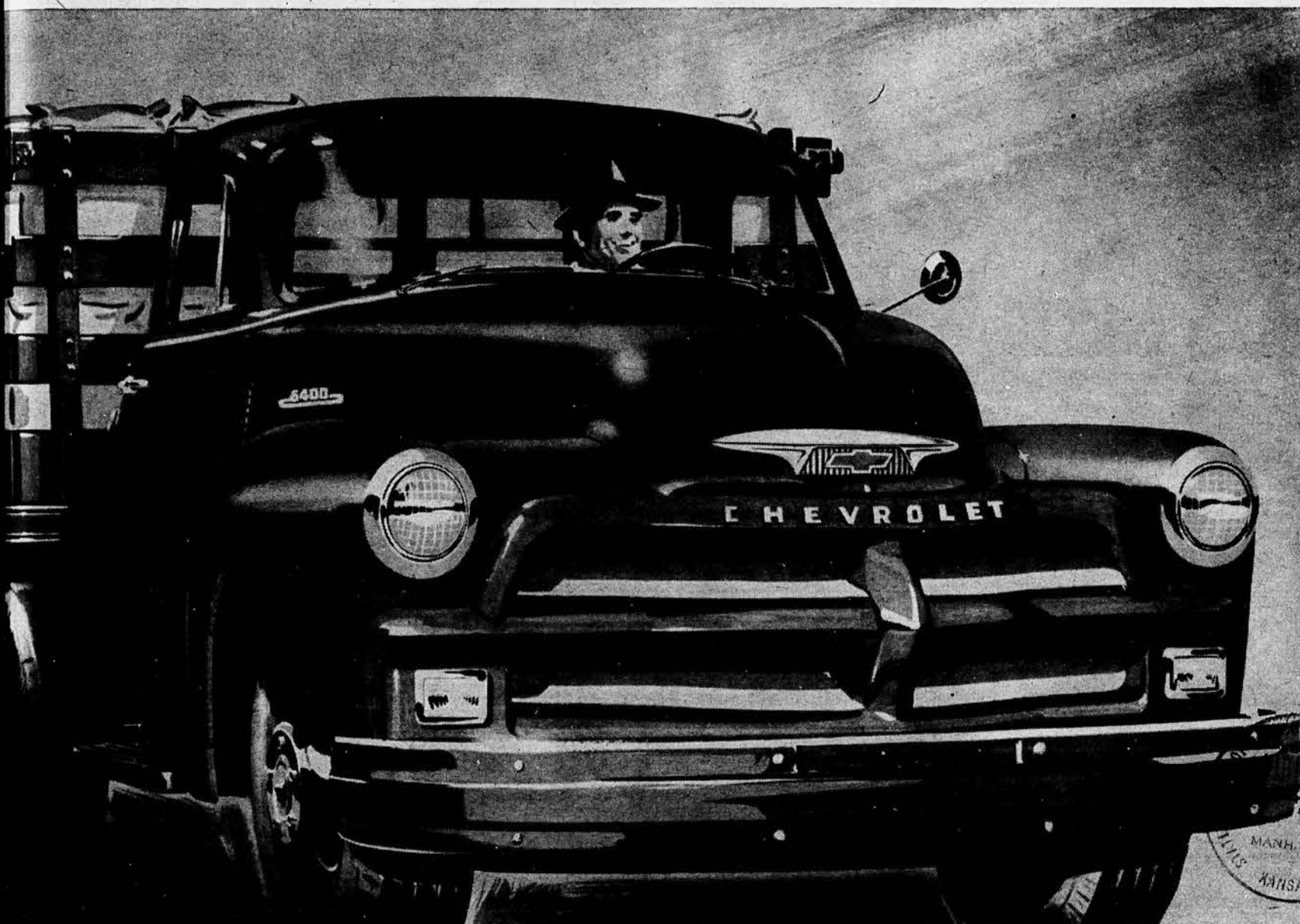
May I say I do enjoy Kansas Farmer. It is a splendid paper. I especially enjoy Frank Payne's flower articles and have saved them all.—Mrs. M. W. Wilson, Osage Co.

NOW! NEW 1954 CHEVROLET TRUCKS

From the producer of America's most popular trucks comes this great new advance in motor transport—completely new Chevrolet Advance-Design trucks for 1954!

You'll find they're packed with big new advantages . . . loaded with brand-new features that mean faster, more efficient service and lower truck operating costs on *your* farm.

See the trucks behind the biggest truck news in years. The new 1954 Chevrolet trucks are now on display at your Chevrolet dealer's. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.



**Completely new—the most powerful, finest performing,
best-looking Advance-Design trucks ever built!**

NEW Engine Power and Economy

Bigger, brawnier "Thriftmaster 235" engine. Rugged, durable "Loadmaster 235" engine. Mighty, all-new "Jobmaster 261" engine.* All deliver greater power and increased operating economy!

NEW Bigger Load Space

New pickup bodies have deeper sides . . . new stake bodies are wider and longer to give you increased space for bigger loads. And they're set lower to the ground for easier loading and unloading.

NEW Chassis Ruggedness

Heavier axle shafts on 2-ton models. Bigger, more durable clutches on light- and heavy-duty models. Stronger, more rigid frames on *all* models. You get new built-in stamina and reliability.

*Optional at extra cost. Ride Control Seat is standard on C. O. E. models, available on all other cab models as extra equipment. Rear corner windows in standard cab, optional at extra cost.

NEW Comfortmaster Cab

New one-piece curved windshield gives increased visibility. New instrument panel is easier to read and controls are easier to reach. New Ride Control Seat* offers the last word in driver comfort.

NEW Automatic Transmission*

There's no clutch pedal to push—you can drive all day without shifting! Proved truck Hydra-Matic transmission is offered not only on ½- and ¾-ton Chevrolet trucks, but on 1-ton models, too!

NEW Advance-Design Styling

The new front-end design is more massive and sturdy in appearance with handsome new grille and hood emblem. New parking lights are positioned to indicate the full width of the truck.



Most Trustworthy Trucks on Any Job!

PHILGAS tractor fuel has **PROVED** it saves money!



FARMERS WHO HAVE CONVERTED their tractors to Philgas are the biggest boosters for this clean low cost fuel. The savings in fuel costs alone have been great enough to pay for conversion in a surprisingly short time.

Philgas is a high octane fuel that delivers tremendous power, without knocking, even under the heaviest loads. It's a clean fuel that doesn't gum up pistons and rings. There's less oil contamination. You need fewer engine overhauls. Convert now . . . or if you are buying a new tractor, get one especially designed for Philgas.

Use Philgas for home heating, cooking, water heating, refrigeration, gas clothes dryers, milk can sterilizer heaters, stock tank heaters—and for many other jobs around the farm. A central tank for Philgas can supply all your needs . . . at an amazingly low cost.

*Philgas is the Phillips Petroleum Company trademark for its high quality propane-butane LP-Gas or bottled gas.



PHILLIPS PETROLEUM COMPANY • BARTLESVILLE, OKLAHOMA

See your nearest
Philgas Distributor
for full
information and
free literature



Dwight Hull SAYS . . .

What Are Values of Grinding Roughages?

SOME TIME AGO we received a request from John Stephens, a good dairyman of Russell, asking us to discuss in our *Kansas Farmer* column, the value of grinding roughage for dairy cattle. We are happy to comply, but would like to broaden the subject a little to include quality of roughages.

To begin with, there seems to be no evidence to prove that grinding roughages changes quality of roughage in any way. If you grind a poor-quality feed, you still have a poor-quality feed. There are times and conditions, however, whereby grinding roughage could be of value and worth the time and effort it takes. One of these conditions would be when roughages are high in price as they are this year; it might be entirely possible that grinding would pay from the standpoint of preventing waste. Another condition might be where ease and convenience of storage and feeding would be worth the trouble and expense of grinding.

Get More Out of Feed

We always have been led to believe the fibrous part of roughage turned down by a cow in feeding unground roughage was of little or no feeding value. Experiments, however, in Indiana where they seemed to have good results in feeding corn cobs, leave some doubt in our mind. Good results from feeding fibrous roughage, such as corn cobs, seem to have been obtained when growth of the right kind of bacteria has been stimulated in the cow's stomach. Apparently, increase in quantity of bacteria has been due to addition to roughage feed of a small amount of a mixture of high-protein feed with molasses. I believe, however, there is some disagreement as to exact feed bacteria seems to thrive on.

Apparently, large quantities of bacteria are able to attack fibrous tissues of the roughage and break them down so the animal is able to digest them and thus increase feeding value of roughage. I believe most of this experiment-

ing and use by farmers of this work has been done with beef cattle. However, I see no reason why the results could not be obtained with dairy cattle. The point is that if this part of value, then maybe grinding roughages (so a cow would eat the fibrous part she usually turns down) could result in an advantage. Whether this, so, we will have to wait for the outcome of more experimental work along this line.

What Is Good Quality?

What really constitutes quality roughage, and how it is obtained of great importance to the dairy farmer. Here, too, there seems to be a variance of opinion and in experimental results. I believed that color, leaf and fineness of stem constituted quality. However, I just completed a study of a recent bulletin published by the Extension department of Cornell University. The experiment forming the basis for this report was concluded a period of 5 years. Every precaution that could be anticipated was taken so that results would reflect only value of roughage. Hay was used as roughage.

Objectives of the experiment were (1) to study mow curing of hay; (2) to compare forced-air ventilation; (3) to compare quality and feeding value of hay produced by mow curing, with that cured in the field and stored loose with windrow; (4) to measure the nutrient losses by these different methods of curing storage. Studies were extended to include hay crop silage in comparison with barn-dried and with cured hay.

No appreciable difference was shown in production of milk by different methods of curing. A greater difference in value of roughage seemed to be the stage of maturity when cut. We plan to give more details of this and other experiments along this line in the next issue of the *Kansas Farmer*.

ROUGH FEED FOR A GRAND CHAMPION



JUST 3 MONTHS after having 17 metal objects taken from her stomach, Valla Vista Bunny Maria Mercury, shown by Phillips Brothers, won senior and grand championships at Kansas Free Fair in September.

One piece of baling wire was 6 inches long and other objects taken from her "second" stomach were smaller, according to her owners. "Hardware disease" can be very damaging.

As a 2-year-old, "Bunny" produced 524 pounds butterfat, 518 pounds her

next year, 512 the next, and 634 pounds as a 5-year-old. With twice-a-day milking over this period, she produced 17,635 pounds of milk.

Bunny and her full sister, "Chloe," are both classified by DHIA as "good," and together they won "Produce of Dam" at Kansas Free Fair this year.

Phillips Brothers have more than 100 Registered Holstein cattle on their farm in the Blue Valley north of Manhattan and milk about 40 head.

Lower Cost Feeding?

The scientists' new "rumen seeding" may be the real inside story which feeders have been looking for



"paunch seeding" in the form of special "bug pills" can also be effective in bringing cattle, calves and lambs with digestive ailments back to good health. One example: Western lambs shipped to the Corn Belt refused to eat and drink upon arrival. A "paunch seeding" treatment caused a satisfactory response.

"Paunch seeding" may soon be out of the laboratory and experimental stage... and become another way to lower your feeding costs through healthier, faster-gaining cattle, calves and lambs... better utilization of all feeds, with less waste and more gain per pound of feed fed. Watch for further developments on "paunch seeding."

Martha Logan's Recipe for BARBECUED RIBS

4 pounds pork spareribs 4 teaspoons celery seed
Garlic salt 1½ teaspoons chili powder
½ cup vinegar 1 cup catsup
1 teaspoon salt ¼ cup sugar
1 teaspoon dry mustard 1 teaspoon paprika
1 teaspoon pepper

Cut ribs into serving pieces and sprinkle them generously with garlic salt. Place them in a baking pan. Combine all remaining ingredients and pour this sauce over the ribs. Bake in a slow oven (325°F.) 2½ hours. Spoon the sauce over the ribs every half hour to be sure all the ribs are well coated with sauce. Yield: 5 to 6 servings.

Who Benefits?

"Who benefits when cattle and other livestock prices decline?" That's a good question. Actually, both producers and meat packers stand to lose on a declining market. Meat packers don't like sharp breaks in live-

prices any more than producers do. For example, Swift owns many hundreds of cattle at all times... in transit, or awaiting plant entering schedules. When cattle prices drop per hundredweight, it means the value of a 1,000-lb. head Swift owns drops \$5. Also, there's a big risk of further losses on a declining beef market—because of the time required to process, distribute, and sell the beef. This takes about seven to fourteen days... even longer for hides, which require about thirty days in cure.

Meat packers do not buy livestock at low levels and freeze great supplies of meat when prices are higher. The quantity of lamb and veal in storage at any one time is as much as 3% of a year's slaughter. When wholesale prices drop sharply, meat packers have big losses. Sometimes part of those losses may be made up by price increases. But price rises are usually due to scarcity, a packer owns as much live- and meat when prices are high as when prices decline. Instead of sharp price rises... up or down... one is one of the biggest

factors in meat packer profits. Many overhead costs, such as buildings, equipment, taxes, etc. remain the same regardless of whether the volume of meat handled is big or small. When the volume is doubled, we are able to spread these costs over twice as many pounds of meat.



It is the ultimate consumer of meat who usually benefits when livestock prices decline. This is due to price concessions which meat packers usually must make in order to sell the increased supply of meat.

Then retailers can price their meats attractively... and induce new and regular customers to buy more meat at the lower prices. Thus price constantly moves to balance supply and demand—and meat does not "back up" to glut markets, but is bought and consumed.

Consumers have had more total beef, lamb and veal to eat this year than in 1952... about 14 lbs. more per person. They have also benefited as a result of the decline in cattle, lamb, and calf prices. For instance, the latest government figures available at press time show that the average September retail price of round steak in Chicago stores was down 20% from a year ago... rib roasts—down 21%... hamburger—down 32%... and chuck roasts—down 29%.

Government average monthly figures also show that wholesale meat prices and livestock prices have moved up and down together.

Tom Glaze

Agricultural Research Department

Adequate Protein for Productive Farm Animals

by George K. Davis, Agricultural Experiment Station, Gainesville, Florida



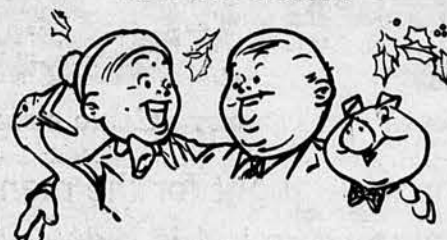
Be sure your young animals kept for breeding stock get adequate amounts of protein. This is particularly important between weaning and breeding ages. By keeping protein intake high, along with vitamins and minerals, you can improve the productive potential of your breeding stock. And maximum production of healthy offspring is essential to a profitable livestock operation.

Cows that drop calves every year for 10 to 12 years; sows that can raise up to eight good-sized litters; ewes that live to lamb regularly for 5 or 6 years... these are the type of animals that pay their way on farms and ranches. And protein is the most important factor in maintaining a longer productive life.

For example, gilts intended to be used for breeding purposes are quite likely to be fed the same ration as market hogs. Actually, to develop gilts into prolific sows, they should get a ration containing 10 to 20 per cent more protein shortly after weaning. All too often beef cattle go through a "protein starvation" period in winter. A 200-lb. calf has a digestible protein requirement equivalent to the maintenance requirement of a mature 1,000-lb. cow. Dairy cows frequently get inadequate protein when dry. This shortage of protein results in loss of weight, particularly "muscle" weight. Then, when feed is increased, the cattle regain fat tissue, but not the lost muscle tissue. And this results in a shortened productive life.

Rapidly growing lambs have a greater need for digestible protein than mature ewes. Unless the lamb is fed adequate protein while growing, her productive life will be impaired. If you want long-lived, top-notch producers, you should select your breeding stock early and put them on a high protein ration during the growing period.

OUR CITY COUSIN



To all the readers of this "page" City Cousin and Country Cousin Wish a very Merry Christmas And a Happy New Year.

Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours



"Give him the gift I'd like myself!"



Give him Mild and Tasty **PRINCE ALBERT**

AMERICA'S LARGEST-SELLING SMOKING TOBACCO!

The natural gift for the man who smokes a pipe or rolls his own—Prince Albert, tobacco as Nature meant tobacco to taste!

P. S. from P. A.: The ladies enjoy Prince Albert's fine aroma!

Your Best Buy Today Is U. S. Savings Bonds



FROM A MARKETING VIEWPOINT

By LEONARD W. SCHRUBEN, JOE W. KOUDELE, LAWRENCE W. VAN MEIR, NORMAN V. WHITEHAIR, Kansas State College

What is the outlook for fertilizer prices?—J. M.

According to the USDA, the supply of 3 major plant nutrients in 1954 is expected to be larger than the amount produced in 1953 by about 13 per cent. Prices are not expected to advance for nitrogen, phosphate, or potash in 1954 over 1953 levels. Some reduction in prices might be achieved but likely will be slight. New plants to produce fertilizer are being built as use expands into areas formerly regarded as not needing fertilizer. Productive capacity apparently has about kept pace with new demands.

Two uncertainties face farmers when deciding whether to buy fertilizer. These are weather, which affects value of fertilizer as a crop booster, and price of the crop. Sometimes when farm prices are falling, fertilizer use declines. It is a variable cost that can be reduced or eliminated. However, it isn't always wise to reduce fertilizer application. Farmers should ask, "How much additional yield will another 10 pounds of fertilizer produce, and will the added yield pay for the cost of fertilizer considering also the additional cost of applying fertilizer and harvesting added yields?"

Whether to fertilize, and how much, must be decided on the basis of crop response and price relations for each farm. Answering these 2 questions will help any farmer decide on his fertilizer program.

Each year, we attempt to evaluate the outlook for chick and poul demand in the areas in which we (a hatchery) operate, and in so doing, summarize information we get from the various agricultural colleges. We would appreciate your opinion on the following questions:

(a) Will egg prices be higher or lower in the spring of 1954 than in the spring of 1953? How much difference if any would you estimate?

(b) Will the number of flock replacement chicks raised for layers be more or less in 1954 than in 1953?

(c) Do you anticipate any increase in demand for turkey poults in 1954 compared with 1953?

(d) Do you anticipate any change in poultry feed prices in the spring of 1954 compared with 1953?

(e) Will demand and production of broiler chicks change materially in 1954 from that of 1953?—M. R. I.

Based upon present and prospective conditions, answers are as follows:

(a) Size of laying flock on January 1, 1954, will govern egg production for the first 9 or 10 months of the year, and probably will be the most important determinant of egg prices in that period. Expected strong demand for liquid and frozen eggs will be a stabilizing influence on egg prices especially during the flush spring production period. Egg prices next spring probably will be slightly lower than during the comparable periods of 1953, based largely on anticipated larger supplies of eggs. A rough estimate is that egg prices will average 3 to 5 cents per dozen lower than in the spring of 1953.

(b) Altho egg prices next spring may be slightly lower than during the corresponding period in 1953, prospective lower feed costs would tend to maintain a continued favorable egg-feed price ratio. In 1953 only a moderate increase occurred in the late-season chick hatch despite a springtime egg-feed price ra-

tio which was one-third higher than year earlier.

We think farmers will respond normally to a favorable egg-feed ratio and purchase more chicks, flock replacement during 1954 than year.

(c) Demand for turkey poults in 1954 will depend, of course, upon outcome of the 1953 turkey marketing season, assuming prices received by growers the 1953 crop will average higher than a year earlier, I would anticipate slight increase in demand for turkey poults in 1954 compared with 1953.

(d) Midyear prospects indicate supply of feed concentrates for 1953 will be 6 per cent above the past feeding season and only slightly below 1950-51 record. The corn supply (crop plus carryover) may be larger

Some Poultry Tips

Tips on successful production of poultry are given in a color folder "Lassy Year 'Round Guide to Big Poultry Profits." It's published by Schreiber Mills, Inc., St. Joseph, Mo., makers of Sweet Lassy cattle supplement. For your free copy, write Farm Service Editor, Kansas Farmer, Topeka, Kan.

record. Prices of high-protein ingredients used to balance poultry rations expected to continue near present levels. Based on these factors, cost of poultry ration is likely to decrease the months ahead.

(e) Feed prices are likely to continue favorable to broiler producers. Consumer demand for broilers is expected to continue strong in 1954. Market economists of USDA don't foresee the near future any great expansion in U. S. broiler production such as 27 per cent average gains over preceding year which took place in period, 1948-51. Increases of 3 to 5 per cent over 1953 in broiler production probably could be absorbed without serious price effects, due to tapping unserved retail market areas and expected increases in population.

What is the Federal Government doing at present to help cattlemen? I. P. Y.

Congress has authorized the Secretary of Agriculture to purchase between 200 and 225 million pounds of beef to be used for nonprofit school lunch programs and for export under FAO financing. Total government contracts thru October amounted to 10 million pounds.

About 700,000 head of lower-grade cattle will be required to supply beef for the total government purchase of beef. Prior to November 1, 200,000 head were to be slaughtered; the remaining cattle were to be slaughtered between November 1 and December 15. Beef can be delivered any time prior to March 15, 1954; however, carcasses must be in packing coolers by December 15.

If cattlemen plan to do any additional culling this fall and winter, best time for such culling appears to be between now and December 15. Actual purchase of cattle for government contracts has been fairly slow so far. Consequently, purchase between now and December 15 will have to be made.

(Continued on Page 15)

COMING, NEXT ISSUE...

The year 1953 was an eventful one for Kansas farmers. So many things happened it is easy to forget them. In the December 19, issue Kansas Farmer will present a summary of these events so you can refresh your memory. Many of you may wish to file this story for future reference, too.

pped up considerably, which should strengthen the price for lower grades of slaughter cattle. Cattle producers should not become overoptimistic as to the effect of the government purchase of beef on market price. It is true the removal of 200 million pounds of beef from regular consumer channels will have some strengthening effect on price. However, under procedures used in purchasing this beef it appears packers can stretch out to some extent the actual effect of the program. Beef delivered on government contracts must be in packing house coolers prior to December 15. Therefore, packers can supply beef on government contract by drawing down their stocks on hand and replenishing their inventories after December 15.

What is the seasonal movement of prices received by farmers for soybeans in the United States and Kansas?—J. A. S.

Soybeans are harvested in a relatively short time, namely, October and November. Major portion of this production is marketed by the first of January. The average seasonal variation in prices received by farmers for soybeans in the U. S. (1925-52) showed a wide range. Lowest prices received by farmers in the U. S. for soybeans was during October. Highest prices were received during June. A general statement can be made on the increase in prices received from October to June: it can be said prices on the average increased 15½ cents from October to June.

The seasonal movement of prices received by Kansas farmers for soybeans exhibits a similar pattern to that of the U. S. The Kansas seasonal exhibited a wider swing from the low in October to the high in June. On the average in Kansas it is expected the price increase from October until June would amount to 39 cents a bushel.

Will it pay me to store soybeans from harvest until the spring months?—J. A. S.

It always has paid to store soybeans on the farm and in warehouse storage with few exceptions. The most noteworthy exception was during the past marketing season when the price did not increase from harvest until spring. Looking again about averages, in the United States and Kansas storage of soybeans has paid a premium to the producer. Over the years it has paid 10 cents to producers in the U. S. and 15 cents to Kansas producers after the deduction of storage costs.

Dr. A. D. Weber

Judge of beef at the Smithfield Show and livestock at London, December 7 to 10 will be Dr. A. D. Weber, Kansas State College dean of agriculture and director of the experiment station. He will judge the supreme cattle championships and make the award of the Duke of Norfolk cup to the breed of 3 purebred steers 12 to 36 months old. Doctor Weber also has judged in South America, Canada and principal U. S. shows.



Hy-Lines CUT FEED COSTS by 5¢ Per Dozen Eggs

3 DIFFERENT SERIES OF Hy-Line LAYERS



100 SERIES Cream Eggs

Proved superior in 1182 divided flock tests; averaged 303 dozen eggs more per year per 100 birds over standard breeds and crossbreds. Averaged same livability as Leghorns. Laid dozen eggs on 2 pounds less feed than heavy breeds. About 20 million "100 Series" Hy-Lines were hatched for poultry raisers in 1953.



800 SERIES Brown Eggs

These are meat-egg chickens. Average 5½ to 6 pounds per hen. Livability much better than Leghorns. Outlay standard bred heaviest 20 to 25%. Eggs average over 25 ounces per dozen. Pullets are reddish brown; cockerels white with black markings on neck, wings and tail. Limited in quantity.



900 SERIES White Eggs

These new Hy-Lines produce pure white eggs. Egg production equals "100 Series" Hy-Lines. Egg size, at present, is slightly smaller than the popular Hy-Line No. 156. In body weight, they average 4½ pounds. Show better laying house livability than Leghorns. Limited in quantity.

CHOP A NICKEL . . . or even more . . . from the cost of producing each dozen eggs—and you get a big boost in net income from your laying hens. Here's what Hy-Lines can do for egg profits—as proved in feed tests conducted for 11 months under practical farm conditions:

AGAINST LEGHORNS . . . In 26 tests, Hy-Lines ate about 1¼ pounds less feed per dozen eggs produced. HY-LINES LAID EGGS AT 5 CENTS A DOZEN LOWER FEED COST.

AGAINST CROSSBREDS . . . In 20 tests, Hy-Lines ate about 1½ pounds less feed per dozen eggs produced. HY-LINES LAID EGGS AT 5 CENTS A DOZEN LOWER FEED COST.

On the Average Hy-Lines Return More Than Triple Their Extra Cost as Chicks

Less than a dozen eggs per bird pays for the extra cost of Hy-Line pullet chicks—and Hy-Lines average MORE THAN THREE DOZEN EXTRA EGGS PER YEAR over standard breeds and crossbreds.

This egg laying advantage is the result of 17 years of research. Today a team of about 75 Hy-Line technicians carries on what is probably the largest single research program ever put into the breeding and improvement of chickens.

Your extra investment in good breeding pays off in extra profits—when you say: "Make mine Hy-Line!"

ORDER BY JANUARY 1 and you'll SAVE MONEY!

Early orders help us plan our hatches and cut down the big load of work during our busy hatching season. That's why we allow our customers an EARLY ORDER SAVINGS. Get full details from our representative or write direct. A small deposit reserves chicks for any date you choose.



Dr. A. D. Weber

RUGGED!

But not an ounce of excess weight to tire you out because they're made from extra tough rubber, expertly blended and hand-crafted by footwear craftsmen to give you the honest value you expect from footwear bearing the famous Red Ball trade-mark.



MANISTEE America's most popular all around arctic. Live rubber, pressure vulcanized. Rust resistant buckles, correctly spaced, anchored on to stay. Reinforced at points of strain. Sizes for the family.

WISKON light, tough, comfortable work rubber for all around good service. Flexible, easy-on-and-off. Pressure vulcanized. Smooth, satin finish.



RED BALL

WEATHERPROOFS®

TRADE
MARK

by BALL-BAND

The mark of good footwear since 1891.

MISHAWAKA RUBBER & WOOLEN MFG. CO., MISHAWAKA, INDIANA

Western Land Roller PUMPS

CENTRIFUGAL and TURBINE FOR IRRIGATION

AVAILABLE WITH Direct Connected Electric Motor, Flat or V-Belt Drive or Right-Angle Gear Drive

ANY CAPACITY 300 TO 2500 GALLONS PER MINUTE, AND ANY LIFT FROM 10 TO 300 FEET

MANUFACTURED BY Western Land Roller Co. HASTINGS, NEBRASKA

NOW! You Can Speed Harvests—

NEW Live-POW'R PTO FOR FARMALLS

- Constant pto Speed
- Does Auxiliary Engine Work
- 2 to 1 Safety Factor

Make your Farmall H, M, Super H and Super M do the work of an auxiliary engine too. New M&W Live-POW'R keeps your pto driven equipment at constant operating speed regardless of tractor travel. Live-POW'R handles twice the power your tractor can produce. It's the only continuous power-take-off with this 2 to 1 safety factor. Eight heavy duty clutch surfaces, together with slow speed, low pressure action give you smooth operation ... no jerking at starts or slipping under load. For complete information see your tractor dealer or write Dept. G26.



Mfgs. Famous Add-POW'R Pistons & 9-Speed Transmission

M&W GEAR CO. ANCHOR, ILLINOIS



DON GOES TO LEBANON AND SYRIA

Tours a castle, sees Persian rugs made, describes large families, sees farm progress

Remember, Kansas Farmer promised to bring you letters from 2 of our Kansas 4-H'ers who are spending some time on farms overseas this year. Here is the tenth letter from Don Weixelman, of Louisville, in Pottawatomie county, who has gone to Lebanon and Syria.

DEAR MR. GILKESON: You know there is one thing the Arabic people have got that we haven't—a deep sense of hospitality. No matter how rich or how poor the people are they will welcome a visitor, stranger, or anyone else into their home and give him the best they have. The hospitality is extraordinarily good here at the Dandashis. They certainly have given me the best they have. Here at the tent there is one bed. Before I came, Issam, my host, slept in that bed. When I came he insisted I sleep in it while he slept on the ground. One rule the Arabs follow about hospitality is that a visitor has the right to stay 3 days before the host can ask him the purpose of his stay.

Last Sunday Issam and his brother, Hassan, took me to an old crusader's castle about 15 miles from Tell Kelah.

The castle is called Krah, of the Knights. It is the best-preserved castle in the Middle East. Was built by the crusaders in 1100 and was held by them until 1400, when it was conquered by the Arabs. The castle could house 3,000 soldiers.

All Done by Hand

Tuesday, Issam's nephew, Munthir, took me to a village where Persian rugs are made. The village is called Zarhar and was about 12 miles from Tell Kelah. Rugs are made entirely by hand. Wool is spun by hand with a spinning wheel. Yarn is dyed with English dyes. Each string of the rug is tied individually. It really is amazing how they can make the highly decorative patterns on the rug with no more than memory to go by. Ten days are required to make a rug 2½ feet wide and 7 feet long.

While I was at Zahar I remarked I liked a certain rug very much. Next morning, Issam presented that rug to me as a gift. It was really a wonderful gift which I did not expect.

The other day Issam's father, Abdulkarim Fayad Dandashi, came to the tent for a visit. While he was there he told me about his family. He has 3 wives and 18 children who are living. Ten children died at birth or soon afterwards. His first wife, who is 78 years old, has 7 sons and 4 daughters. His second is 54 years old and has one son and 2 daughters. The third wife is 28 years old and has 3 sons and one daughter. Each wife lives in a separate house. ... Mr. Dandashi's oldest son is 54 years old and his youngest is 6 months. Mr. Dandashi is 74. He married his first wife when he was 17. He now has 34 grandchildren. He is now looking for his fourth wife. He said he wanted an American and asked if I could help him find an American girl who would marry him.

Even tho Mr. Dandashi has 3 wives his son has only one. The association between the sons and their wives is very western in nature. Issam and his wife live much like any American couple.

The people here claim they are in a modern wake. This seems to be very true. Ten years ago only boys were allowed to go to school. Now, girls also



DON WEIXELMAN

Louisville, Pottawatomie County

are allowed to go. The veil is not worn by many women here. Perhaps in other generation this practice will be out of existence. Now, more and more farm machinery is being used. The tractor gradually is replacing the ox. The biggest barrier to their advancement is the serf system. Under the serf system about 8 per cent of the people own 90 per cent of the wealth.

Tomorrow I will leave the Dandashi farm and go to Damascus. This is the last farm I will visit in the Near East. I've had a wonderful time here at Dandashi. I felt I was better accepted here than on any other farm I visited in the Near East. Issam is truly a wonderful host. I am sure I have many pleasant memories of the Dandashis when I get home.

At Damascus I will meet the 2 IFYE's to Lebanon and Syria. I will say good-bye to E. R. Raymond, agriculture attache to Syria. We certainly owe him a lot of thanks for making our stay here so interesting and profitable.

Will See the Holy Land

We will leave Damascus October 3 and go to the Holy Land. We will spend 3 days there before going to Beirut. We will leave Beirut October 22 aboard the Italian ship, Enotria, for Naples, Italy.

The IFYE program allows its delegates a week of free travel in Europe. We plan to make use of this week in Italy, Switzerland and France. We leave France November 5 and get to New York, November 10.

Again I would like to say my thanks here in Lebanon and Syria has been most interesting and profitable. I have learned the Arabic people are not a group of nomads but people who are settled in villages. They are a people with hopes and dreams just as we. True they live in an entirely different culture than ours, but perhaps the culture is best for their environment. Two things I will never forget about the Arabic people—their hospitality and their ability to be happy with little.

Of course I am glad to get started home. It's been a wonderful summer but I am glad it is over and that I am coming home to America again. Long for now. See you soon.

—Don Weixelman

COMING, NEXT ISSUE...

Christmas cookies for the Christmas tree, for table decorations, for gifts and the home cookie jar will be featured in the Home Department of Kansas Farmer in the Christmas issue, December 19. Recipes together with cutting directions and glistening decorations will be included. Watch for this feature for new ideas in your December 19, Kansas Farmer.



Kansas Dealers

ABILENE—Cruse Tractor Co.
 ANTHONY—Williams Tractor Co.
 ASHLAND—Fellers Motor Co.
 ATCHISON—Touslee Tractor & Impl. Co.

BELLEVILLE—Rooney Implement Co.
 BELOIT—Fuller Equipment Co.

CLAY CENTER—Primrose Tractor Co.
 CLYDE—George Motor Company
 COLBY—Harrison Motors
 COUNCIL GROVE—Wood-Crum Impl. Co.

DODGE CITY—Layman Farm Supply Co.

ELLSWORTH—
 Weinhold Farm Equipment Co.
 EL DORADO—Janney Trac. & Impl. Co.
 EMPORIA—Wilson Implement Co.
 EUREKA—Bush Tractor & Impl. Co.

FLORENCE—Roberts Machinery Co.

GARDEN CITY—Burtis-Nunn Impl. Co.
 GRAINFIELD—Shaw Motor Co.
 GREAT BEND—
 Schumacher Farm Equipment Co.
 GREENSBURG—Gupton Motor Co.

HAYS—Drelling Implement Co.

HIAWATHA—
 Rite-Way Farm Equipment Co.

HILL CITY—Lewis Motor Co.
 HOWARD—Bryan Tractor & Impl. Co.
 HUGOTON—Hugoton Trac. & Impl. Co.
 HUTCHINSON—Chas. A. Rayl Impl. Co.

JAMESTOWN—Elniff Motor Co.

KINGMAN—Staley Tractor Co.
 KINSLEY—Walters Tractor & Impl. Co.
 KIOWA—Lawson Tractor & Impl. Co.

LACROSSE—Luft Implements
 LARNED—Michael-Roberts Mach. Co.
 LAWRENCE—Kaw Valley Impl. Co.
 LEAVENWORTH—
 Bolling Tractor & Implement Co.
 LEONARDVILLE—Stafford Motor Co.
 LIBERAL—Southwest Trac. & Equip. Co.
 LINCOLN—J. G. Miller Motor Co.
 LUCAS—Lucas Equipment Co.

MCPHERSON—Astile Tractor Co.

MANHATTAN—
 Crum-McManis Tractor & Impl. Co.

MARION—
 Midwest Tractor Sales & Service, Inc.
 MARYSVILLE—Anderson-Boss Impl. Co.
 MEADE—Wolfe Motor Co., Inc.
 MEDICINE LODGE—
 Sprout Tractor & Implement Co.

NESS CITY—Roth-Beutler Tractor Co.
 NEWTON—Astile Implement Co.
 NORTON—Fredde Brothers Equip. Co.

OBERLIN—Kump Motor Co.
 OLATHE—Perrin Machinery Co.
 ONAGA—Wentz Tractor & Impl. Co.
 OSAGE CITY—Kansas Motors, Inc.
 OSBORNE—
 McCammon Tractor & Implement Co.
 OTTAWA—Price Implement Co.

PAOLA—Miami County Tractor Co.
 PRATT—Schafer Plow, Inc.

RUSSELL—Russell Trac. & Impl. Co.

SALINA—Kansas Trac. Sales Co.
 SCOTT CITY—
 Western Hardware & Supply Co., Inc.
 SEDAN—Wall Tractor & Equipment Co.
 SENECA—Quinlan Tractor & Impl. Co.
 SMITH CENTER—
 Jones Tractor Sales & Service
 STERLING—Rice County Tractor Co.

TONGANOXIE—
 Laming Tractor & Implement Co.
 TOPEKA—Shawnee Tractor & Impl. Co.

ULYSSES—Phifer Motor Co.

WAKEENEY—Midwest Marketing Co.
 WAMEGO—C. J. Wentz Sales Co.
 WASHINGTON—Bill Seitz Impl. Co.
 WELLINGTON—
 Sumner County Tractor & Impl. Co.
 WICHITA—Taylor Tractor Co.
 WINFIELD—Stuber Tractor & Impl. Co.

VALUE-PRICED TO SAVE YOU UP TO \$300!*



New FORDSON MAJOR DIESEL

Tractor power in the 3-4 plow class now costs less!

Now, for the first time, a 3-4 plow diesel tractor is available at a gasoline tractor price. Yet the new Fordson Major Diesel Tractor can save you hundreds of dollars per year in fuel costs—actually cuts fuel costs in *half* and more. But that's not all.

The lugging power and all-around performance

of the easy-handling Fordson Major Diesel are really outstanding. In addition you get the convenience and work-saving advantages of a built-in hydraulic system, 6-speed transmission, powerful 12-volt starter, and many more outstanding features. Durability? The Fordson Major Diesel has proved itself under the most difficult farming conditions the world over.

So stop in and see your nearby Ford Tractor Dealer. Find out why farmers everywhere call it the *best buy* in the 3-4 plow tractor class. Ford Tractor Division, Ford Motor Company, Birmingham, Michigan.

*Based upon comparison of suggested list price at port of entry with published suggested list prices of competitive tractors f.o.b. factory.

★ Save more in fuel costs!

If you have a gasoline tractor in the 3-4 plow class, figure your fuel bills for the past year. You can cut these fuel bills in half, and more, with the Fordson Major Diesel.

★ Its lugging power will surprise you!

Lugging power that far surpasses ordinary tractors! "Pulls through" on heavy loads—reduces stalls and gear shifting.

★ Six speeds forward, two reverse!

With six speeds forward, you can choose the right ground speed for every job, while the engine operates in its most efficient speed range. Speeds up to 15 miles per hour.

★ Built-in hydraulic system!

Fingertip control of rear attached equipment. Remote cylinders can also be quickly attached for easy control of pull-behind equipment.

★ Adjustable tread for row crop work!

Wheel tread adjustable from 52 to 72 inches (11 x 38 rear tires). Standard 4 wheel fixed tread model also available with 14 x 30 tires.



Quick 3-point hitch for rear attached tools is standard equipment. Swinging drawbar also furnished.



FORDSON MAJOR

STOP RUST!

May be applied directly over rusted surfaces!

with

RUST-OLEUM



Many Colors,
Aluminum
and White

• APPLY DIRECTLY OVER RUSTED SURFACES: Just scrape and wire-brush to remove rust scale and loose particles . . . then apply by brush or spray. No special preparation needed.

• READY-MIXED, SELF-LEVELING: RUST-OLEUM is a permanent paint—not an oil, not a grease. Contains no lead—non-toxic and safe to use around livestock.

• DRIES QUICKLY: RUST-OLEUM dries to a tough, elastic coating that resists weathering, fumes, etc.

Dries in 4-12 hours depending on temperature and humidity.

• AVAILABLE IN MANY COLORS: RUST-OLEUM is available in most colors, aluminum and white—and in colors to match colors of leading original manufacturer's equipment.

• PROTECTS EVERY RUSTABLE METAL SURFACE: Machinery, implements, fences, metal roofs and buildings, gutters . . . indoors and out.

FREE: Send name and address for RUST-OLEUM color chart and complete information.

Ask your favorite dealer for Rust-Oleum

HE CAN GET IT FOR YOU FROM ANY OF THE FOLLOWING DISTRIBUTORS.

- | | |
|---|---|
| L. J. MESSER COMPANY
320 East Avenue
Holdrege, Nebraska | INDUSTRIAL STEEL & SUPPLY DIV.
622 East Third Street
Wichita, Kansas |
| L. J. MESSER COMPANY
110 West Third Street
McCook, Nebraska | THE FAETH COMPANY
1608 McGee Street
Kansas City, Missouri |
| L. J. MESSER COMPANY
110 North Seventh Street
Beatrice, Nebraska | T. S. McSHANE CO., Inc.
1113-15-17 Howard Street
Omaha 8, Nebraska |
| L. J. MESSER COMPANY
1206—18th Street
Belleville, Kansas | MOUNTAIN IRON AND SUPPLY CO.
Russell, Kansas |
| L. J. MESSER COMPANY
102 South Second Street
Norton, Kansas | |

MOUNTAIN IRON AND SUPPLY CO.
714—4th National Bank Bldg.
Wichita, Kansas

RUST-OLEUM CORPORATION 2707 Oakton Street,
Evanston, Illinois

JOHN GOES TO VISIT INDIA

Describes homes, eating customs, work habits, religious beliefs, Communist failures

Remember, Kansas Farmer promised to bring you letters from 2 of our Kansas 4-H'ers who are spending some time on farms overseas this year. Here is the sixth letter from John Ferrell, of Mt. Hope, in Sedgwick county, who has gone to India. Watch for another letter on December 19.

DEAR MR. GILKESON: This time I'm in the southwest of India at the village of Ozar Tambert in Bombay state. . . .

Homes are long, low, mud buildings with roofs of thatch or home-made tile. These are divided into 3 rooms—one for the cattle, one for storage and one cooking, eating and sleeping. The kitchen part of the main room is an open hearth of mud and around this hang various utensils. This makes a very colorful picture for these implements are made of brass.

When eating, as is the custom of India, you sit in a circle on the floor. Palm leaves are spread in front of each person and on these food is placed. Eating habits vary from place to place but never are knives or forks used. Will my dad ever get a kick out of watching me eat soup with my fingers!

Men of this area average 5 feet tall and weigh about 125 pounds. I'm a little larger than that so the boys take great pleasure in poking me to prove that it's real. As far as I can see, women do all the work except plowing. Hindu religion forbids women from breaking virgin soil and every field after crop is removed is considered as such. While on the subject of religion, it is not at all unusual to see a rack in the field or under a tree that has been painted red. This painting signifies that it is a god.

At first it was hard for me to accept the filth of this nation. Now when I had found that the only way to wash clothes is in river water without soap, the struggle for cleanliness is plain.

Most of the time I accompany the man who is in charge of my host's oil engines (for pumping irrigation water). He talks a lot but doesn't say anything! He speaks only three words of English. . . .

Main crop here is onions, and boy,



JOHN FERRELL
Mt. Hope, Sedgwick County

do they require a lot of back labor. When I first started working in the fields people from miles around came just to see an alien do manual labor. That soon ceased for I'm not such a whiz at this onion weeding.

When your menu bares, try rice and fishheads—a dish considered a delicacy in this land. To finish the meal in the banquet style you chew a betel nut guaranteed to turn your mouth red and set your stomach on fire.

As for the surrounding countryside, fields are very small and there is much overgrowth. Roads are 4 to 5 feet wide (which is the width of an ox cart). These trails wander all over the countryside, from village to village. The land is really a prairie but centuries of erosion have made it very rough. The coupled with the tropical climate, gives the effect of a jungle.

There is a large contingent of Communists in the vicinity but they are suffering. This is due to my picture . . . These pictures, even when shown on the side of a hut by feeble light of battery projector, make a strong argument for our way of life.

—Johnnie Ferrell

When Planning 1954 Garden Include Some of the Newer Varieties

By WILLIAM G. AMSTEIN, Kansas State College

THIS IS THE SEASON of year when we await the 1954 flower and vegetable catalogs. Shortly after Santa Claus makes his appearance it will be time for the first new catalogs to arrive. Thru the years, many new and useful varieties of flowers and vegetables have been introduced. A plant description of some of them seems in order at this season.

In recent years several zinnias have been introduced. Floradale Scarlet was one of the first. This past year 3 inbred selections gave us these colors—a creamy white, yellow and azalea-pink.

For most of us, zinnias and petunias are useful and widely-grown flowers. Zinnias especially will produce fine plants when seeded direct, thinned and allowed to mature without transplanting. Many of us have enjoyed the Persian Carpet zinnia—a useful, small-flowering type.

Some other types of zinnias are the familiar Robusta and Dahlia-flowered. Still larger ones are the California Giants. In late years considerable interest has been given to the quilled or curled crested type by the name of Fantasy. These zinnias are larger and more attractive than earlier ones with curled petals but not to be compared to Giant Dahlia-flowered and California Giants in size.

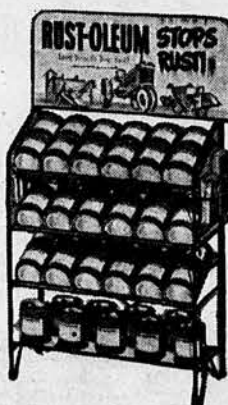
Other recent flower winners to revere are the Royal Carpet Alyssum, a very mass of bloom and Comanche petunia, a large scarlet-red hybrid that stands up. These and many other All-American flower selections bring interest, satisfaction and many fine blooms to the garden and for sharing with neighbors.

In the last 20 years many outstanding vegetable varieties have been selected and distributed. Typical examples in bean varieties are Topcrop snapbean, and Fordhook 242, a lima. While 1953 was not a good garden year, many fine reports have been received on Topcrop. It is suggested especially for locker or freezer use since it produces a good yield in a short time.

Two useful lettuce varieties are Green Lakes, for heading, and Salad Bowl, leaf type. More Kansas families can enjoy head lettuce by arranging for supply of plants for early spring transplanting.

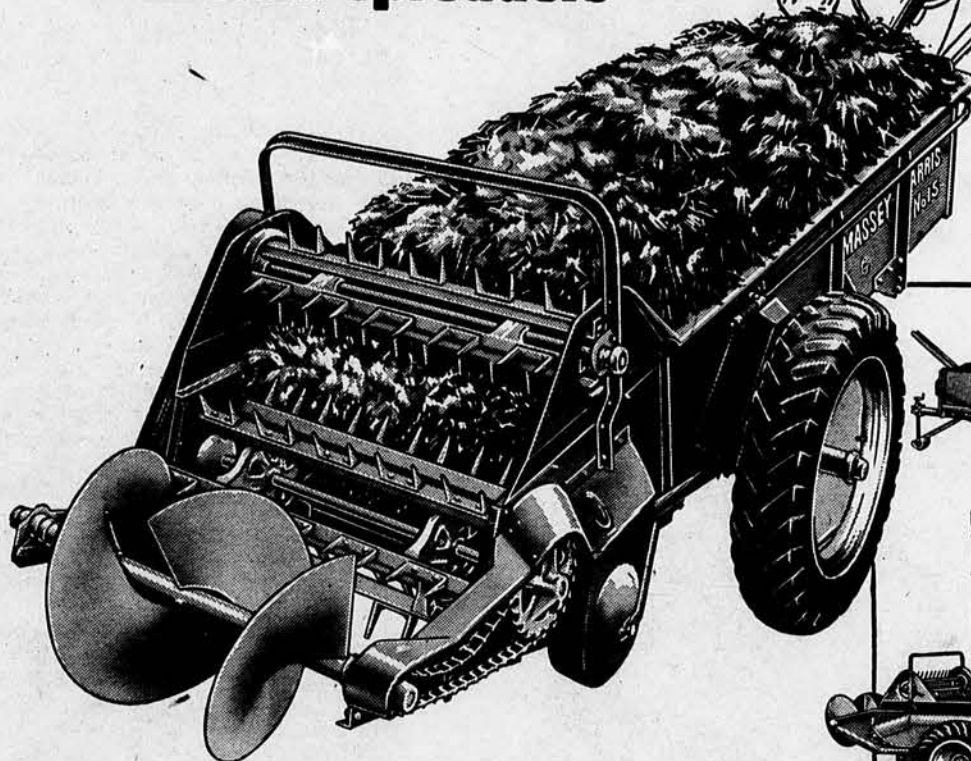
America spinach is a useful variety to answer to meet the common problem of early seeding as hot weather comes along. This variety will remain near 2 weeks after other varieties have gone to seed.

Sweet corn is one of our real favorites in season and out due to the hot freezer and locker systems now in use. (Continued on Page 19)



Built to handle the TOUGHEST MANURE for more years

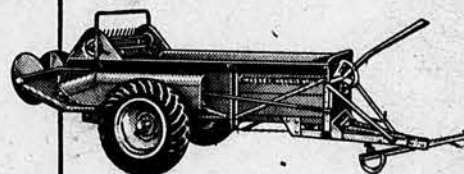
MASSEY-HARRIS 2-wheel spreaders



No. 15
90 bushel capacity



NO. 10-T 47 BUSHEL CAPACITY
The 10-T is easily handled by a good one or two plow tractor . . . does a fast job of spreading on smaller farms. 5 apron speeds. Simple main drive . . . shielded for protection. Screw-type hitch.



NO. 11 — 70 BUSHEL CAPACITY
For the average size herd, the 70 bushel No. 11 does a low-cost, efficient job of handling manure. Axle is adjustable to two positions for perfect balance in all conditions. Treated, acid resistant box. Five speed apron. Drive shields. Entire spreader geared to fast tractor operation.

HEVY, rigid construction gives Massey-Harris Spreaders the strength to go more places . . . to take heavy loads over rough ground, snow covered or frozen fields. It means you can apply manure when it's fresh — for greatest profit returns.

This extra strength pays off when loading with hydraulic manure forks or automatic barn cleaners. Massey-Harris Spreaders take the bouncing of these heavy sudden loads and of fast travel over frozen fields.

And look at the capacity. The big 40 x 25 x 122 inch box of the No. 15 takes over 90 bushels . . . covers more area. The load is balanced forward

of the wheels for easier pulling up hills . . . easier handling down the slopes.

You spread as thick or thin as you like . . . five apron speeds provide a wide choice of loads per acre. Staggered beater teeth do a thorough job of shredding . . . break up lumps . . . frozen, matted manure . . . tough straw. As a result, a finer mixture is distributed for better coverage.

Your land gets full value . . . your crops equal plant food. Organic matter is uniformly spread . . . helps open up soil for better moisture absorption.

With 2-wheel design Massey-Harris spreaders move in and out of tight

spots easier . . . turn sharper. Built-in, screw-type hitch simplifies hook-ups — makes in-between jobs less of a problem.

See your Massey-Harris dealer for complete details. Get the facts on the Spreaders that cost less to own . . . give you more dollar value. For folder, write The Massey-Harris Company, Inc., Dept. M-75, Racine, Wis.

hybrid sweet corn is of interest to all of us and Iochief, developed by Doctor Faber at Iowa State College, is one of the best possible answers.

Marketer and Early Surecrop are 2 ever better varieties of cucumbers. Hybrid cucumbers have added a great deal to our chances of producing a crop more regularly with less vine loss due to disease.

There are 2 watermelons of more recent origin. One is the New Hampshire Fidget (so-called Icebox Type) developed by a former Kansan, Dr. Albert Meager. The other, Congo, is a standard-size melon gaining in prominence.

Many other outstanding varieties of other crops—including beets, cabbage, cantaloupe, carrots, cauliflower, okra, onion, peas, radishes, squash and tomato—have been made available. Similar advances have been made with Irish potato and sweet potato varieties in recent years.

As you look ahead to your 1954 garden, take a little time to select the best of the old varieties and leave room for a few of the new ones.

A Better Market for Your Calves

Continued from Page 1)

owner in the county or nearby area can consign any number of calves he wishes to offer for sale, from one animal on up. These cattle are delivered to the Parsons stockyards on the morning of the sale. There they are consigned to any one of 6 commission firms. Commission men then sort all calves for size, quality and sex.

When this marking and sorting is completed, a lot of 20 calves of one sex and quality might have been consigned from 5 to 10 owners.

Buyers can inspect calves as long and as closely as they wish. Most use catwalk over the pens first to locate the pens they wish to see more closely. Then commission men take them into the pens, where they can look over each animal in the group if they so desire. At the first sale in 1952, about 1,000 head were consigned by about 40 sellers. They found ready buyers. In 1953 there were about 40 consignors and about the same number of buyers. There were 800 calves consigned and all were sold by shortly after noon.

A few of the better calves brought 16 cents. Quite a number brought 16 cents, and the average and below-average steers brought 14 and 15 cents. Heifer calves sold largely for 12 to 14 cents. Most of the demand was for calves weighing around 400 pounds. Same situation existed at the first sale. Packer buyers were on hand and provided a good market for fat calves and for the plainer kind. A few 4-H Club calves brought as high as 19 and 20 cents.

Brought a Premium

Russell Klotz, Labette county agent, reports that the calves, in his opinion, brought from 1 to 2 cents a pound more than at a normal market.

Advantages of this type of feeder calf sale are important both to buyer and seller. Suppose you had 20 calves for sale, with about half steers and half females, and with 6 of the 20 considerably lighter than the others. Under normal conditions you would have difficulty finding any one buyer who would take the lot. At a feeder calf sale, such as that held at Parsons, you have a better chance to sell all your calves at the time and to get a fair price for the offenders.

The buyer also greatly benefits. In an area like Labette, where cow herds are small, he might have to visit 5 or 10 herds to find enough calves of the size and sex he desired to buy. At the feeder calf sale he can just about find what he wants at a minimum of time and cost. In some cases, depending on the commission firm and the prevailing conditions, he can buy only part of a pen if he so desires. Members of 4-H Clubs are given special consideration, too, in selection of calves from lots offered.

Make it a Massey-Harris

Parts and Service through more than 2500 authorized dealers

Staggered beater teeth shred finer, bite into heavy tough material.

Wide spread distributor . . . high speed auger type.

Acid resistant wood box . . . five speed apron.

Simple, fast adjustments from the tractor seat.

Adjustable hitch . . . no lifting, easier hook-up.

Roller chain drive . . . completely shielded for safety.

See these outstanding Massey-Harris Tractors at your nearby Massey-Harris Dealer

KANSAS DEALERS							
ALMENA.....	Short Implement Co.	DIGHTON.....	Dighton Farm Equip. Co.	KINGMAN.....	Flickner & Kaufman	OTTAWA.....	White Implement Co.
ANTHONY.....	Farm Welding & Machine Co.	DODGE CITY.....	Schraeder Implements, Inc.	KINSLEY.....	Farlow Implement Co.	OVERBROOK.....	Ross A. Coffman & Sons
ARKANSAS CITY.....	Peters Implement Co.	EASTON.....	Meinert Hdw. & Impl. Co.	KIOWA.....	Kiowa Implement Co.	PAOLA.....	Egdy & Williams Implement
ASHLAND.....	Smith Implement	ELKHART.....	Western Implement Co.	KIRWIN.....	Charles McDowell Chev. Co.	PARSONS.....	Farmers Co-op Assn.
ATCHISON.....	Allen Motor & Impl. Co.	ELLIS.....	Farm Implement Co.	LA CROSSE.....	Weigand Motor & Implement Co.	PHILLIPSBURG.....	Phillipsburg Implement Co., Inc.
ATWOOD.....	Worthy Implement Co.	ELLSWORTH.....	Ellsworth Farm Equip. Co.	LARNED.....	West-Barr, Inc.	PITTSBURG.....	Z. & S. Implement Co.
AUGUSTA.....	Mickle's Service	EMPORIA.....	Farmers Supply Co.	LAWRENCE.....	Lawrence Implement Co.	PLAINVILLE.....	Farm Implement & Supply Co.
BELLE PLAINE.....	Moffitt & Harding	EUDORA.....	Rothberger Motor Co.	LEOTI.....	Lewis Supply Co.	ROSSVILLE.....	Rossville Implement Co.
BELLEVILLE.....	Swiercinsky Brothers	EUREKA.....	Brenton Auto Service	LIBERAL.....	Tedford Implement Co.	ST. FRANCIS.....	Daniels & Bressler
BELOIT.....	R. P. Fuller & Son	FT. SCOTT.....	Hammons Implement Co.	LINCOLN.....	Chard Motor Co.	ST. JOHN.....	Stafford County Impl. Co.
BIRD CITY.....	Bressler Impl. & Service	FRANKFORT.....	Kuckelman Motor & Implement Co.	LOUISBURG.....	Hink Garage	ST. MARYS.....	J. P. Smith, K-F Motors
BONNER SPRINGS.....	Frazier-Fruit Implement Co.	FREDONIA.....	Homer Neill, 432 N. 5th	LYONS.....	Trowbridge & Pickerill Implement Co.	SALINA.....	Salina Farm Supply
BUCKLIN.....	Schellhamer Tractor Service	GARDNER.....	Gardner Tractor Co., Inc.	MANKATO.....	Taylor Implement Co.	SATANTA.....	Satanta Implement Co.
BUHLER.....	E. J. Super Service	GARNETT.....	Craig Sales & Service	MARION.....	Marion Motors & Machinery, Inc.	SCOTT CITY.....	Nickelson-Sawyer Implement Co.
BURDETT.....	Lester Bauer Implement Co.	GOODLAND.....	Davis Implement Co.	MARYSVILLE.....	Brauchi Brothers	SCRANTON.....	Scranton Implement Co.
CALDWELL.....	Walt-Norton Chevrolet, Inc.	GRAINFIELD.....	Fritts Implement Co.	MCPHERSON.....	Carlson & Rankin Impl. Co.	SEDAN.....	Bain Motor Co.
CAWKER CITY.....	E. C. Riley	GREAT BEND.....	Walter Sears Store	MEADE.....	Meade Implement Co.	SELDEN.....	Anderson Implement Co.
CHENEY.....	K. & S. Motor Co.	GREENSBURG.....	Sundgren Implement	MILBERGER.....	Ed. Radtke & Son	SENECA.....	Kuckelman Implement Co.
CIMARRON.....	Walker Sales Co.	HAYS.....	Wellert Implement Co.	MINNEAPOLIS.....	Gilley's Implement	SMITH CENTER.....	Pounds Motor & Implement Co.
CLAY CENTER.....	Frick Implement Co.	HIAWATHA.....	Hixson Implement Co.	MORRILL.....	E. W. Willard Garage	SYRACUSE.....	Salter Implement Co.
COFFEYVILLE.....	Isham Hardware Co.	HIGHLAND.....	McKay Brothers	MOUND CITY.....	Carbon Implement Co.	TOPEKA.....	Topeka Implement Co., Inc.
COLBY.....	Dougherty Implement Co.	HILL CITY.....	Steward Implement Co.	MOUNT HOPE.....	Howard's	TRIBUNE.....	Tribune Sales Co.
COLDWATER.....	B. J. Herd Implement Co.	HOLTON.....	Farmers Union Co-op. Bus. Assn.	NATOMA.....	Natoma Implement Co.	TURON.....	Turon Motor & Impl. Co.
COLUMBUS.....	Paul Webb Farm Equip.	HOXIE.....	Schlageck Motor & Equip. Co.	NESS CITY.....	John Hann Implement Co.	ULYSSES.....	Webber Supply Co.
CONCORDIA.....	McGinnis Implement Co.	HUGOTON.....	Garmon Implement Co.	NEWTON.....	Dey Farm Supply, Inc.	WAKEENEY.....	Rupp Implement Co.
COUNCIL GROVE.....	McClintock Motor Co.	HUTCHINSON.....	Hutchinson Impl. Co.	OAKLEY.....	Park Implement Co.	WAMEGO.....	Eddy Implement Co.
CUNNINGHAM.....	Kincheloe Implement	INDEPENDENCE.....	Coleman Farm Equipment Co.	OSBERLIN.....	Oberlin Motor Co.	WELLINGTON.....	Etter & Harris Bros. Motor Co.
DAMAR.....	Damar Implement Co.	IOLA.....	Bradford Implement Co.	OSBORNE.....	Swank Motor Co.	WHITE CITY.....	Brown Motor Co.
		ISABEL.....	Isabel Co-op Equity Exchange	OSWEGO.....	Oswego Implement Co., Inc.	WINFIELD.....	Allard Tire & Brake Service
		JAMESTOWN.....	Pfister Motor Co.				
		JETMORE.....	Shiew Motor & Impl. Co.				

Kansas Farm Home and Family

By FLORENCE MCKINNEY



Photo courtesy National Livestock and Meat Board

BEEF AND VEGETABLE PIE makes just right eating these cool, crisp days.

Casserole Favorites...

Meat and vegetables go into 1-dish meals for time-saving and good eating

OVEN MEALS are right in season. On cool, crisp days, oven heat is welcome and the family will be rewarded with a tasty, meal-in-a-dish, rounded out with a fruit dessert and drink.

Too, a whole meal may be cooking in the oven while you are baking cookies for instance.

Rice-Sausage Casserole

- | | |
|---|------------------------------|
| 1 pound link sausage, browned and drained | 3 cups cooked rice |
| 1 medium onion, chopped | 1 can cream tomato soup |
| | 2 tablespoons cheese, grated |

Brown and drain sausage. Bulk sausage may be made into patties and used if desired. Arrange rice and sausage in alternate layers in greased casserole. Sprinkle each layer with chopped onion. Pour soup over all and sprinkle with grated cheese. Cover and bake in moderate

oven (350°) for about 30 minutes. Serves 6.—Mrs. Charles Holden.

Beef and Vegetable Pie

- | | |
|---------------------------------|----------------------------|
| 1½ pounds beef, cubed | 4 carrots, 1-inch pieces |
| ¼ cup flour | 4 medium onions, quartered |
| 1 teaspoon salt | 2 cups canned green beans |
| ½ teaspoon pepper | Water to cover |
| 3 tablespoons lard or drippings | Biscuits |
| 4 medium potatoes, cubed | |

Dredge beef with seasoned flour. Brown on all sides in fat. Place in casserole and add only enough water to cover. Cover closely and cook in slow oven (300°) for ½ hour. Add potatoes, carrots and onions. Cover and continue cooking about 45 minutes or until meat is tender and vegetables are done. Add green beans and top

with biscuits. Bake in hot oven (425°) for 15 to 20 minutes or until biscuits are brown. Serves 6.

Bean Casserole

- | | |
|-------------------------------|---------------------------|
| 1 cup navy beans | 2½ cups tomatoes, drained |
| 1 large onion, chopped fine | 1 teaspoon salt |
| ½ pound ground beef | ¼ cup brown sugar |
| 2 tablespoons bacon drippings | 4 strips bacon |

Soak beans in 1 quart water overnight. Bring beans to boiling point in water in which they were soaked. Drain. Fry onion and meat in bacon drippings for 5 minutes. Mix all ingredients together, except bacon and place in casserole. Bake in moderate oven (350°) for 1½ hours. Cut bacon strips in fourths and arrange on top casserole and bake 1 hour longer. Serves 6.—Mrs. Fred Fienup. [Continued on Page 22]



ELECTRIC HOUSEWARES

See them at these stores!

KANSAS

ABILENE
Ronald Rice Appl.

ANTHONY
Mardis Electric

ARKANSAS CITY
Marshall-Hill Electric Co.
Wright-Burton Hdwe. Co.

ARGONIA
Hidenour Hdwe.

BARNARD
Home Oil Co.

CANTON
Ferguson Electric

CHANUTE
Home Appliance
Vernon W. McCune

CHERRYVALE
Newton's

COFFEYVILLE
Holland Grocery
Liebert Bros. Electric Co.
Sampson Auto Store

CONCORDIA
Ratts Electric

DODGE CITY
Eckles Dept. Store
May Drug Co.

EL DORADO
El Dorado Appliance Co.

ELKHART
Western Implement Co.

EMPORIA
Schottler Electric Co.

EUREKA
Freeman-McManis

FT. SCOTT
J. Bloomfield & Son

FRONTENAC
Frontenac Furniture

GIRARD
Sell & Sons

GREAT BEND
Bentley's Hdwe.
Home Appliance Co., Inc.
Mering & Son

GRINNELL
Firestone Store

HALSTEAD
Shel's Sales & Service

HAYS
Bissing Electric

HOISINGTON
Hoisington Drug

HOLTON
Holton Tire & Supply
Pruett Gas & Electric

HUTCHINSON
Ebersole's Hardware
Harmon's Furniture Co.
Moore's Hardware
Reno Implement & Hardware
Willey's

JETMORE
Lindas Hardware

JUNCTION CITY
Chase Electric
McKenna Tire & Appliance
Waters Appliance

KANSAS CITY
Glanville Furniture Co.
735 Minnesota
Goldman Jewelry Co.
648 Minnesota
Helzberg's
612 Minnesota

KINGMAN
Kingman Tire & Supply
Lowen Firestone Store

LAWRENCE
Ernst & Son Hardware
General Appliance Co.
Vincent's Inc.

LEAVENWORTH
Meyer Appliance Co.

LEOTI
John E. Ley

LYONS
Enberg Tire Store

MANHATTAN
Dodd's, Inc.

MARION
Marion Hardware

MCPHERSON
Green's Appliance

NEWTON
Lehman Hardware Co.

NORCATUR
Foster Lumber Co.

OAKLEY
Firestone Store

OSAGE CITY
Rhynsdress Electric Co.

PARSONS
Richmond Music Home

PHILLIPSBURG
Mason Supply Co.

PITTSBURG
Sell & Sons

PLAINVILLE
Gamble Store

POTWIN
Al Resnik

QUINTER
Quinter Appliance Co.

ST. FRANCIS
Lampe & Ralle Hardware

ST. JOHN
Stafford County Implement

SALINA
Gage's
Goodhousekeepers Appl., Inc.
Stiefel Stores

SCOTT CITY
Marcy Radio & Appliance

SEDAN
Ackerman Hardware

SMITH CENTER
Pounds & Luce

SOLOMON
Nood's Hardware

STAFFORD
Boston Appliance
Field's Appliance and Hardware

TOPEKA
Capital Super Service
518 Kansas Ave.
Crosby Brothers Appliance Center
Jayhawk Walk, 724 Jackson
Helzberg's
809 Kansas Avenue
C. A. Karlan Furniture Co.
900 Kansas Ave.
Ed Marlings
618 Kansas
Midwest Appliance Co.
608 Kansas Ave.
Offen's Hardware
6th & Quincy

ULYSSES
Ulysses Hardware

WELLINGTON
Davis Electric
Nichols Electric

WICHITA
Appliance Center, Inc.
138 N. Bdwy.
Breese Hardware Co.
1003 W. Douglas
Bucks Inc., Housewares Dept.
300 E. Douglas
Victor Clark Hardware
1718 W. Douglas
Cooper's
923 W. Douglas
Hellums Furniture Co., Inc.
221 N. Main
Helzberg's
219 East Douglas
Hill Electric Co., Inc.
2936 E. Douglas
Hupp Hardware Co.
1101 East Harry
Innes-Small Appliances—2nd Fl.
121 S. Broadway
Kidwell Hardware Co.
2720 East Kellogg
Oliver & Breese Hardware
2143 N. Bdwy.
Steel-Lewis Hardware & Supply
3202 E. Douglas
Superior Appliance Co.
159 N. Broadway
Woods, Inc.
126 E. Douglas

WINFIELD
Merchandise Mart

MISSOURI

KANSAS CITY
Duff & Repp Furniture Co.
1216 Main
Emery Bird Thayer
11th & Grand
Helzberg's
1100 Walnut
3132 Troost
400 Nichols Road
3943 Main

KANSAS CITY (Cont.)
Jones Store Co.
12th & Main
31st & Troost
Katz Super Drug Stores
All Stores
Macy's Appliance Store
5830 Troost
Macy's—Dept. 11
1030 Main
Mehornay Furniture Co.
1101 McGee

You can put your confidence in...

GENERAL ELECTRIC



Portable **MIXER**

Truly something to get excited about! **\$19.95***
Combines handy portability with power for tough mixing jobs—ready for on-the-spot use anywhere in the kitchen. Finger-tip 2-speed control. At high speed, it doubles as a drink blender, with one beater removed. G-E dependability and smart styling make it a wonderful gift for a special lady.

*Manufacturer's recommended retail or Fair Trade price.

WEIGHS LESS THAN 3 POUNDS... YET MASHES POTATOES, BEATS HEAVY BATTER WITH EASE!



USE IT AT THE STOVE
Carry it anywhere. Makes cooking easier and faster.



HANG IT ON THE WALL
When not in use. Rubber base-guard. Won't scratch.



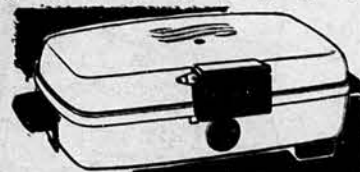
REST ON ITS HEEL
Easy to set down. Drippings fall back into bowl.



Triple-Whip MIXER

3 powerful beaters. 12 kitchen-tested speeds. With juicer, 2 bowls.

\$44.95*



Automatic SANDWICH GRILL-WAFFLE IRON

2 gifts in one! Grills and fries foods; bakes waffles right at the table. Heat indicator

\$22.95*

STEAM and DRY IRON

Flip button for instant change from steam to dry—no emptying. Iron most fabrics without sprinkling!

\$18.95*



See these Beautiful G-E Gifts and Many Others at Your Small Appliance Dealer's Listed in Adjoining Column.

You can put your confidence in...

GENERAL ELECTRIC



Wins blue ribbon in her first cooking contest

Grandmother Wins 3 Prizes in State Fair Cooking Competition

These three prize ribbons prove what granddaughters Karen and Rachel knew all along—that their grandmother, Mrs. Eldon Hadley, is an expert cook! Mrs. Hadley, of Hutchinson, Kansas, won her ribbons at the Kansas State Fair last year . . . and it was her first year of cooking competition.

Mrs. Hadley thinks good ingredients have much to do with cooking success. And she has this to say about Fleischmann's Active Dry Yeast. "It's tops. Rises fast every time."

Out of 9,449 prize-winning cooks surveyed, more than 90% prefer Fleischmann's Active Dry Yeast. This grand dry yeast keeps for months right on your shelf . . . and it always rises fast. And now it's a real money-saver in the thrifty new three-package strips. The new "Thrifty Three's" are so economical to buy—so easy to store in your cupboard. When you bake at home, use the best—get Fleischmann's Active Dry Yeast—in the new "Thrifty Three" package.



Think **Only \$33.60** plus tax
of it! **to CALIFORNIA**
(Los Angeles from Kansas City)

You'll get there *sooner* by Greyhound . . . and you relax in a well-ventilated, weatherized Greyhound that provides deep-cushioned comfort and the Western scenery at eye level!

No worries by Greyhound—your local agent will arrange your hotel reservations for the whole trip . . . and help you plan your vacation at no extra cost!

Ride Greyhound's new "Highway Traveler" bus with the revolutionary Air Suspension Ride . . . the smoothest ride in all transportation. It's actually floated on air!

And remember: your Greyhound agent will plan a pre-paid California Tour including hotels, special sightseeing and round trip transportation all at one low cost!

MEXICO

Wonderful Greyhound trip revealing all the color and interest South of the Border!

HISTORIC EAST

An interest-packed tour of famous national Patriotic shrines and Washington!

NEW YORK

See the Big Town! A round of excitement in our largest, most fabulous big city!

FLORIDA

Sunny ocean beaches, fishing and the beautiful Everglades await you on this Greyhound trip.

GREYHOUND

GREYHOUND TRAVEL BUREAU
917 McGee Street
Kansas City 6, Missouri KPI

NAME _____

ADDRESS _____

CITY _____

STATE _____

Send this coupon for
Greyhound's colorful
FREE Travel Folder.
Mail it today!

Casserole Favorites

(Continued from Page 20)

Sweet Potato-Sausage Casserole

- 1 pound sausage
- 1 cup raisin bran
- ¾ cup milk
- 2 cups mashed sweet potatoes
- ½ teaspoon salt
- ¼ teaspoon ginger
- ¼ teaspoon nutmeg
- 1 tart apple, cut in rings
- ¼ cup brown sugar

Mix sausage, bran and ½ cup of the milk. Spread in bottom of casserole. Combine mashed sweet potatoes, remaining milk, salt, nutmeg and ginger. Spread over sausage. Place apple rings on top of potato and press down slightly. Sprinkle with brown sugar and a little nutmeg. Bake in moderate oven (400°) for about 40 to 45 minutes. Serves 6.—Mrs. Tom Neeley.

Meat-Noodle Casserole

- ½ pound cooked beef, chopped
- ¼ pound cheese, chopped
- 2 cups noodles
- 1 teaspoon salt
- 1 cup mushroom soup or milk

Combine chopped meat and cheese. Cook noodles in 1½ cups water and drain. Mix all ingredients together, pour in buttered casserole and bake in moderate oven (350°) for 35 minutes. Serves 4 to 6.—Mrs. Paul Read.

Macaroni-Sausage Casserole

- ¾ cup macaroni, uncooked
- 1 pound bulk sausage
- 1 green pepper, diced
- 2 eggs, beaten
- 2 cups milk
- 2 tablespoons butter
- ¼ cup cheese, grated
- Salt and pepper

Cook macaroni in boiling salted water, run cold water over it and drain. Make sausage into 8 patties and brown in frying pan. Drain off all fat. Place half the patties in casserole. Mix dice green pepper thru macaroni and pour half over patties and repeat both layers. After beating eggs together, add to milk. Pour over sausage and macaroni layers. Dot with butter and sprinkle with cheese. Bake in moderate oven (350°) for 35 to 40 minutes. Serves 6.—Mrs. L. Daviss.

Kansas Day Program

This year we have a new leaflet for Kansas Day programs. It's entertaining, educational and a lot of fun. Includes games, contests and suggested refreshments. Any part of it may be used in a club program. Write to Home Service Editor, *Kansas Farmer*, Topeka, and enclose 3 cents.

Likes Bird Series

Dear Editor: I am enclosing 5 cents for your leaflet, "Learn How to Build Birdhouses." I enjoy your bird series.—Mrs. V. C. Starnes, Leavenworth county.

Middle Age Contentment

I thought that I would never grow Beyond the years of vim and go. I thought my hair would always hold its sunny hues and waves of gold, But I have slowed and find it's fun To be content and not to run.

—Ruth King Duerksen

YOURS TO SEW

4829—Be the prettiest hostess in the neighborhood in this scalloped apron with embroidery trim. Sizes small (14-16) medium (18-20) large (40-42). Small size bib-apron takes 1½ yards 35-inch; half, 1¾ yards. Transfer included.

4653—Smart sharp collar and slantaway pockets in a go-everywhere casual, in check or plaid. Misses' sizes 12-20 and 30-42. Size 16 takes 4¼ yards 39-inch fabric.

4528—Smart casual designed to slim and trim the shorter, fuller figure. Scalloped buttoning, action back, easy walking skirt. Half sizes 14½ to 24½. Size 16 takes 3¾ yards 35-inch fabric.



4829
SIZES
S—14—16
M—18—20
L—40—42

4653
SIZES
12—20
30—42



4528
SIZES
14½—24½

Patterns are 30 cents each. Address Fashion Editor, *Kansas Farmer*, Topeka.

Anderson County Home Demonstration Unit Celebrates 50th Anniversary



HAIR STYLING up front on the stage proved of interest to unit members. Mrs. Rosemary Williams, Burlington, restyled hair for Mrs. Oscar Fettig, Mrs. John Macklin and Mrs. Bob Adams, all of Garnett.

MORE THAN 200 Anderson county home demonstration unit women gathered at the Welda school auditorium for their annual achievement day. With Mrs. James Cubit presiding, the highlight of the program, a pageant depicting the 50-year-old history was presented by members. Beginning with the original ideas of Dr. Seaman A. Knapp, various unit members told of or acted out the progress of the program. Boys' clubs, home millinery, canning with the first waterless cooker, making of dress forms, right up to the modern 4-H Club demonstrations and a square dance to illustrate the best in recreation.

Arranged all round the auditorium were unit exhibits, needlework, leather tooling, woven baskets. The WWW unit which stands for the Welda Willing

Workers put on display their hand-tooled handbags, cosmetic bags and billfolds.

Following the covered-dish luncheon, Mrs. Rosemary Williams, hair stylist from Burlington, styled the hair of 3 women she had earlier selected from the membership. Home Agent Virginia Smith gave the yearly report on the county-wide women's program. Lessons for 1953 included first aid in emergencies, saving time and energy in the laundry, filing can be easy, better understanding in the community, meat in our meals, new fabrics and finishes and good grooming.

To celebrate further the 50 years of progress of Extension work all unit members will plant purple petunias in 1954. A beautification project calling for support from everyone.



MRS. JOE WALTER, president of Welda unit, shows results of special interest project. They made hand-tooled leather bags, cosmetic bags and billfolds. During winter they plan to make large handbags.

THEY BELIEVE IN BOOKS

It is wonderful that even today with all competition of records, of radio, of television, of motion pictures, the book has kept its precious character. A book is somehow sacred. A dictator can kill and maim people, can sink to any kind of tyranny and only be hated, but when books are burned, the ultimate in tyranny has happened. This we cannot forgive . . . People automatically believe in books. This is strange, but it is so. Messages come from behind the controlled and censored areas of the world and they do not ask for radios, for papers and pamphlets. They invariably ask for books. They believe books when they believe nothing else.

—John Steinbeck.



Will You Join the Thousands Who Send In Their Butter-Nut Coffee Key Strips to Provide

CHRISTMAS GIFTS for HOMELESS CHILDREN



- * 30,000 Gifts Provided Last Year!
- * Start Saving Strips Now — Mail Them by Dec. 15!
- * Specify Your Children's Home Preference—if you wish!

Wouldn't you like to make this a glorious Christmas for every homeless and crippled child in this area? **YOU CAN HELP!** Simply save your Butter-Nut Coffee key strips and mail them to us by Dec. 15. The last inch of each strip will do.

No money, please. Butter-Nut buys the gifts, basing the fund on the number of strips received.

THOUSANDS OF GIFTS

Every strip helps. Many folks send in scores — many send hundreds. Schools, church groups, Sunday Schools and clubs send in huge boxes of strips! Last year there were enough to provide over 30,000 gifts . . . to children's homes and hospitals for crippled kiddies in all states where Butter-Nut Coffee is sold.

GIFTS KIDDIES LIKE

Sleds, dolls, books, games, marbles, jump ropes, balls, jacks,

wagons, roller skates, scooters, kites, teddy bears — plus T-O-N-S and T-O-N-S of candy and nuts!

WILL ANY BE FORGOTTEN?

Christmas should be THE big day for kiddies. Let's see that every unfortunate little one is specially remembered. Let's go all the way this year — let's help give every one of these homeless children their biggest Christmas ever!

EVERY YEAR MORE GIFTS ARE GIVEN!

Will you help us swell the fund? Please do not send money — send only key strips from cans of Butter-Nut Coffee. If you wish your strips credited to a certain children's home, enclose name and address of the home. THEN — start saving strips for next year's Christmas party!

Butter-Nut Coffee, 701 South 10th Street
Omaha, Nebraska



Butter-Nut
The COFFEE
DELICIOUS

for a
Perfect Western Christmas
give


HYER BOOTS

The Brand of Top Quality

For a true son or daughter of the West, you can't choose a finer gift than a pair of genuine Hyer Boots! Finest leathers, skilled craftsmanship, latest western styles, and special Hyer boot lasts assuring extra comfort in every pair, have made Hyer Boots the pride of the West for 78 years!

You can give this distinctive gift with no problems as to size or style. Just use Hyer's Special Christmas Gift Package... an attractive gift box, miniature Hyer Boot, and Hyer Gift Certificate. Give it now and let the lucky man or woman select their own style later. See this really wanted Hyer Gift Package at your dealer's, or write:

C. H. Hyer & Sons, Inc.
Dept. KF6 Olathe, Kansas
Makers of Fine Boots Since 1875



CAPPER PUBLICATIONS, INC.

TOPEKA, KANSAS

First Mortgage 4% Bonds (5-years)

First Mortgage 5% Bonds (10-years)

Denominations \$100.00, \$500.00 and \$1,000.00

This announcement is neither an offer to sell, nor a solicitation of offers to buy, any of these securities.

THE OFFERING IS MADE ONLY BY THE PROSPECTUS.

Copies of which may be obtained by writing to

CAPPER PUBLICATIONS, INC. TOPEKA, KANSAS

The Livestock & Classified Departments

In this issue of the Kansas Farmer merit your attention. You will find a world of useful information as well as bargains you can't afford to pass up!

Christmas Seals

The 1953 Christmas seals for the Crippled Children Fund are now ready.

The subject is a little girl whose blue eyes are full of wonder. Maybe she is dreaming of what Santa Claus will bring for her. Or, she could be a crippled child clinging to the hope that in some way she may be made well again.

The attractive design is done in four colors—yellow, red, blue and brown. It is a unique bit of brightness that will add interest to holiday mail. If you have not received yours, return coupon today for a FREE sheet of 100 seals.

◆ ◆ ◆ ◆ ◆ **COUPON** ◆ ◆ ◆ ◆ ◆

The Capper Foundation for Crippled Children
8th & Jackson Sts., Topeka, Kansas

Dear Sir:

I accept your offer to send me a sheet of 100 Christmas Seals with the compliments of the Capper Foundation. Sometime before Christmas I expect to send my contribution to the Crippled Children Fund.

NAME

ADDRESS

Make a Miniature Winter Garden



WITH A LARGE SHELL, a small mirror and some moss and plants, make a miniature garden for the coffee table at home or for Sunday School or school-room.

AFTER JACK FROST pays his visit your outdoor garden fades and dies. Play a trick on him by gathering a few green things before he comes. Long after snows appear, you can have a tiny growing garden inside on the coffee table.

You will need the following materials. First, get a large shell, a mussel shell, clam or oyster shell. Choose one that sets fairly steady and does not rock. Place a small mirror or piece of broken mirror in the bottom, just off center for the lake. Cover the shell up over the edge of the mirror with bits of moss from the yard. Take bits of any green plant such as sedums, or pinch off buds of late fall foliage. Any small flower clusters such as grow and blossom late, like tansy will be attractive and the right size.

Tuck these bits of plants here and there and add little shells and tiny colored rocks. A little glass figure such as a swan, fawn or pelican will make your garden a delight.

Some of the tiny plants will take root in the soil that clings to the moss.

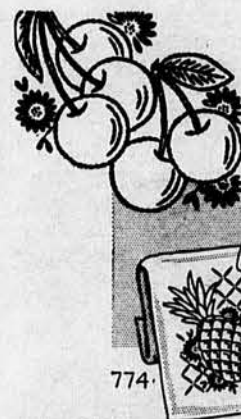
Sprinkle lightly with a little water daily.

When some of the plants wither, replace them with tiny "hen and chicken" clusters or whatever is available from your summer garden. Bits of house plants will keep the garden going all winter. This is a project for the little folks and one that can be extended for several months.

For Christmas Candy

We have a new supply of the Western Beet Sugar Producers booklet, "Candy and How." It features all-time old favorite candy recipes and some new and unusual ones. It outlines secrets of successful candy-making, dealing with such problems as causes of sugary candy and how to prevent it. Send your requests to Home Service Editor, Kansas Farmer, Topeka. Price 3c.

NEEDLECRAFT DESIGNS

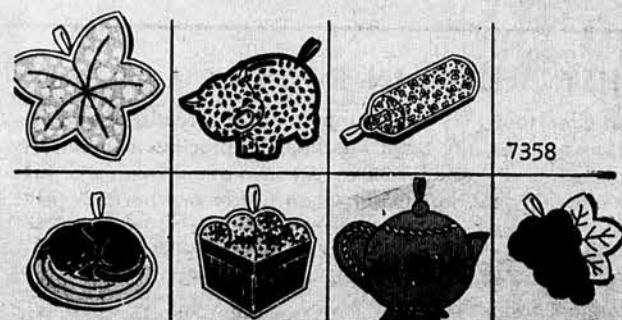


774—All your favorite fruits to embroider on kitchen towels. Transfer of 6 designs, 4½ by 6½ inches each.

7355—Iron-on butterflies in vivid yellow and 2 shades of blue. No embroidery. Transfer of 14 washable designs; 6 about 3¼ by 4 inches; 8 from 1¼ by 1¼ to 1½ by 3 inches.

584—Protect and beautify your furniture with feathers in fan shape. Use No. 30 crochet cotton. Crochet directions.

7358—Seven potholders, all different, gay and easy to make. Use colorful scraps, bright thread. Perfect for gifts, bazaar, your own kitchen. Directions and embroidery transfer.



Patterns are 25 cents each. Address Needlework Editor, Kansas Farmer, Topeka.

Spring Lamb Program Ideal

(Continued from Page 4)

see how they adapt it to their farms.

M. L. Sawin, who has 152 ewes, is in his third year on the spring lamb program. Like all those on the program he purchases his ewes from the Extension service thru the Franklin County Sheep Association. He got 90 replacement ewes last spring. "Part of these ewes were to replace culls and part were for expansion of my lamb program," says Mr. Sawin. By buying thru the Extension service, farmers say, they get a uniform bunch of ewes that are clean and thrifty and at a reasonable cost. Mr. Sawin paid \$19.50 each for his replacements. All ewes came from San Angelo, Tex. He is using purebred Hampshire rams.

He varies from the college plan in his breeding program. Instead of turning his rams in with ewes for a limited period, he turns them in and leaves them. As a result his lamb crop is spread over a longer period. By October 20 this fall he had 40 lambs, and ewes will be lambing up to January 1. His entire program is carried on 65 acres of native grass plus whatever supplemental pasture is required.

Ewes get 1/2 pound of shelled corn daily while nursing lambs. "I believe I got my grain money back on the wool crop alone this year," says Mr. Sawin. His wool brought 58 cents a pound at Kansas City. "My lamb crop has been the best-paying project on the farm the last 2 years," he reports.

All Lambs by Christmas

Chester Wagner and Son, Raymond, have 200 ewes and have been following the spring lamb program since 1941. "We have never lost money on lambs," says Raymond. The Wagners turn rams in with ewes a little earlier than the college recommends and Raymond reports, "We believe we have better luck if breeding takes place before weather gets too warm." They like to have all lambs dropped by Christmas as there very seldom is any bad weather that early.

"It takes more grain to operate on this earlier lambing schedule," says Raymond, "but we make it back at market time by hitting a higher market."

Ralph Batdorf has been on the spring lamb program since 1947. He is down to 47 ewes this fall because of a culling program but hopes to get back to 80 or more in another year. "I have never lost any money on lambs," he reports.

Gives Two Reasons

Mr. Batdorf likes the program for 2 reasons: "We are not as busy in fall as at other times so have more time for watching ewes at lambing time. We also have better weather in fall than in spring. Years ago I followed a late lambing program and constantly was confronted with bad weather. Then I would have more trouble with stomach worms and other problems when lambs had to be carried thru hot weather."

This year ewes on the Batdorf farm lambed early enough so most were allowed to lamb out on pasture instead of being brought into the lots. This meant less work for the operator.

Verne Alden, who has been testing the spring lamb program since 1938, has made some changes thru the years. He runs 100 to 200 ewes in his flock.

"When I first started I used to breed for January-February lambs," he recalls. "I didn't always get them sold in the spring. This year my ewes started lambing September 15 with most of them dropping lambs during October. I let them lamb out on pasture and had the least trouble I ever had."

There is one hazard in lambing this early, however, and Mr. Alden is fully aware of it. "There is a possibility," he says, "that my earliest lambs may be ready for market too soon next spring and will have to compete with fed lambs. Last year, I know, I had some trouble on this point. My first lambs on the market brought the lowest price, with the second and third shipments bringing more in each case."

Likes Early Shearing

One practice Mr. Alden has found profitable is early shearing. He usually is one of the first in the county to shear. "If you get ahead of wet weather you don't have as much dirt in the wool," he says. "Also, if you have shelter, sheared ewes are more likely to take lambs into shelter in bad weather."

Another practice he is careful about is having enough rams. "You can get by sometimes with one ram for every 35 ewes," he says, "but if something goes wrong with one of your rams you are in real trouble. You end up with a very short lamb crop. I use 4 rams for 100 ewes." Like other men in the program, he believes his lambs have always been profitable. "It is difficult to figure actual feed costs," he says, "as I use so much roughage that could not be marketed any other way."

There is one man in the county, however, who does know exactly what his feed cost him last year. He is John Okerberg, who has a small flock of 30 ewes on a suburban at Ottawa. "I bought all my grain and hay last year," he says. He paid \$1.30 a bale for 100 bales of hay and gave \$22 another time for 22 bales. "I still made \$316 off lambs," he states. He had a 120 per cent lamb crop.

Very Active Association

The Franklin County Sheep Association was organized in 1952 and now has 22 paid members. The association acts as an agent in purchasing ewes thru the Extension service, and already has launched a program to increase interest in sheep, and to help educate farmers and the public on lamb as part of the meat diet.

Last year the association conducted a county lamb and wool show to select those going to the district show. They sponsored a demonstration of various lamb cuts at the district lamb and wool show held in Ottawa last year. This proved a very popular feature that will be repeated. Following the cutting demonstration, various cuts of lamb were auctioned off to individuals in the audience, thus helping advertise use of lamb meat.

Several purebred flocks in the county are providing rams for the spring lamb program to the mutual benefit of both buyers and sellers.

"We are very happy over the interest in spring lambs in Ottawa county and expect the program to expand as interest grows," says Donald Brown, county Extension agent.

A COWBOY HALL OF FAME

Plans are underway for a Cowboy Hall of Fame. C. A. Reynolds, Kansas City, Mo., is sponsoring a drive to honor cowboys, rodeo stars, Western pioneer stockmen and stock raisers. A National Rodeo Hall of Fame Foundation will work on the plan. Mr. Reynolds, chairman of the board of the H. D. Lee Co., announced recently his company will make an initial contribution of \$5,000 toward a fund for erection of a permanent building. Plans are to prepare and submit a bill to the U. S. Congress. Governors of 14 "cowboy" states are invited to become trustees of the Foundation, to determine site of the Hall of Fame and act on other matters. Among items to be placed on display: relics, brands, pictures, portraits and personal effects of men who contributed to development of the West.



Give Him "HANDINESS" This Year!

World's Most Useful Tool

WISE-GRIP WRENCH

No. 10W, \$2.40

What a budget-priced MAN'S gift—the diest tool a man can own! Locks onto type work with Ton-Grip! Won't slip. Really a super-pliers, adjustable wrench, and vise, and MANY more—in one trim tool. Round the house and yard, in field, it makes fixin' fun, and EASY! 7" 10", only \$1.85 to \$2.60 at your dealer.

MADE ONLY BY
EISEN MFG. CO., Dept. KF-12, DeWitt, Nebr.

onroe FOLDING BANQUET TABLES



If you are on the Kitchen Committee of some Church, Lodge, Club, School, etc., in your town you will be interested in this modern Folding Banquet Table. Write for Catalog and special discounts to institutions and organizations.

MONROE COMPANY 201 CHURCH ST. COLEMAN, IOWA

Happy Is The Day When Backache Goes Away

Lagging backache, loss of pep and energy, head- and dizziness may be due to slowdown of kidney function. Doctors say good kidney function is important to good health. When some every- condition, such as stress and strain, causes important function to slow down, many folks get nagging backache—feel miserable. Minor bladder irritations due to cold or wrong diet may be 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 the discomforts—help the 15 miles of kidney tubes filters flush out waste. Get Doan's Pills today!

A THOUSAND YEARS FROM NOW

Friends, a thousand years from now people will continue to greet each other with these two simple words: "Merry Christmas." That's because Christmas is eternal; its spiritual quality is above disasters that shake the souls of men; above international situations that keep one's nerves on jittery edge; above sickness and failure.

Yes, friends, the spirit of Christmas never dies, so our sincere wish is that your hearts overflow with the spirit of Christmas.

Good wishes to every one of you and a Happy New Year to the whole world: "Peace on earth, good will towards men."



FOR POULTRY

OYSTER SHELL PRODUCTS CORP.
New Rochelle, N. Y. St. Louis, Mo.



SELECT . . .

HONEGGER Leghorns

they possess every trait needed to make you **GREATER Net Earnings!**

Nationally Known for:

- resistance to leukosis
- large chalk-white eggs
- low feed consumption
- less broodiness and flightiness
- uniform development
- vigor and persistence
- More Poultry Profit!

IT'S NET EARNINGS THAT COUNT
Farm Bureau Farm Management records on 22,795 Livingston County (Ill.) hens over a five-year period show average annual net income above feed costs of \$4.46 per hen. Multiply this figure by the hens you plan to raise and see what such earnings could do for you! See your Honegger Associate Hatchery in your area—

ENGBRECHT'S Electric Hatchery

Sterling, Kansas
OR WRITE DIRECT TO:

HONEGGER BREEDER HATCHERY
Forrest, Illinois

Hospital Tests Prove

MUSTEROLE
gives HIGH-SPEED relief from **AGONIZING PAINS OF ARTHRITIS**

—Also Greater Ease in Moving!

If you suffer agonizing pains of arthritis—rub on Musterole. Hospital tests PROVE Musterole gives high-speed relief—also greater ease in moving.



Musterole's great stimulating, pain-relieving medication creates concentrated heat right where you rub it. You can FEEL Musterole working to bring you prompt long-lasting ease and comfort.

Musterole also promptly relieves pains of rheumatism, lumbago, neuritis. It can't be beat to limber up sore, stiff aching muscles.

Note: If your pain is severe—buy Extra Strong Musterole.

COMFORT[®] CUSTOM FIT TRACTOR HEATERS



...yet actually
fit your tractor
BETTER

Side Door Models Slightly Higher.
Crawler Models Priced Individually.
You may pay more—but no other tractor heater can give more warmth and protection. Better custom fitting to your tractor eliminates bagging, sagging, flaps and gaps. You get more heat around the tractor seat.

You'll like COMFORT Features Too!

- Windshield easily removable without tools
- Sidewings are adjustable around driver
- Motor panels fold or remove entirely for heat control
- Full accessory line for severe weather requirements. Available at low extra cost.

U.S. Pat. Nos. 2,452,884; 2,461,974
Canadian Pat. No. 411,256
Order From Your Dealer Today or Write
COMFORT EQUIPMENT CO.
2609 P. Walnut • Kansas City, Mo.
DISTRIBUTOR

THE FAETH COMPANY

1608-14 McGEE ST.
KANSAS CITY, MO.

ACME COWBOY BOOTS

Prices on most styles:

- small childrens — \$3.95 to 6.95
- boys and girls — \$6.95 to 10.95
- ladies — \$12.95 to 17.95
- mens — \$13.95 to 19.95

**WORLD'S LARGEST MAKERS
OF COWBOY BOOTS**

NEW BEAR CAT
COMBINATION
Grain and Roughage Mill
also Ensilage Cutter

No. 4A

Trailer Mounted for Power Take-off Has traveling feed table and is especially designed for grinding or chopping larger quantities of loose or baled hay and roughage of any kind. Furnished either with or without Trailer Mount and Power Take-off. Both cutter knives and heavy swing hammers—it grinds any feed, green, wet or dry, snapped or ear corn, roughage bundles or baled flakes, with ordinary farm tractor—and no monkey business. Get full information on real honest-to-goodness grinding outfits. Write

Western Land Roller Co., Dept. 132
Hastings, Nebraska—Manufacturers

COMING EVENTS

December 7—Russell county winter crops school with L. E. Willoughby, Russell L. Herpich and Walter E. Selby, of KSC, Russell, 10 A. M.

December 7—Rice county Extension council, day meeting.

December 7—Cheyenne county 4-H Club leaders and officers training schools with Ray Fort and Glen Busset, of KSC, St. Francis courthouse, 2 P. M. to 8 P. M.

December 7—Lincoln county winter livestock and entomology school with V. E. McAdams and Dell Gates, of KSC, Lincoln, 10:30 A. M.

December 7—Kearny county 4-H Club home improvement school, Lakin, afternoon and evening.

December 7-8—Cloud county lesson in nutrition, Concordia.

December 7—Clay county 4-H Club council, Bonham Hotel, 7:30 P. M.

December 7—Russell county winter crops school, Russell.

December 7—Rush county outlook meeting with Norman V. Whitehair and George W. Gerber, of KSC, 1:30 P. M., LaCrosse.

December 8—Mitchell county Extension Council annual meeting, Beloit City Building, 10 A. M.

December 8—Mitchell County Fair Association annual meeting, Beloit courtroom, 2:30 P. M.

December 8—Marion county annual Extension Council meeting, Marion City Building, 10 A. M. to 3 P. M.

December 8—Brown county Home Demonstration Unit Women's Achievement Day, Hiawatha Memorial Auditorium, all day.

December 8—Phillips county winter school on movable storage, time and place to be announced.

December 8-10—North Central States Weed Control Conference, Kansas City, Mo.

December 9—Barton county Extension council annual meeting, Great Bend, 7 P. M.

December 9—Lincoln county annual Extension council meeting, Lincoln, 10:30 A. M.

December 9—Cloud county animal husbandry and entomology school, Concordia high school.

December 9—Ford county stag supper and Livestock Production and Marketing discussion, Dodge City, 7 P. M.

December 9—Logan county annual 4-H Club banquet, Oakley, 7:30 P. M.

December 9—Kingman county annual Extension Council meeting, V.F.W. Hall, Kingman, 10 A. M.

December 9—Dickinson county annual Dairy Herd Improvement Association meeting, Sterl Hall, Abilene, 10 A. M.

December 10—Phillips county crops, irrigation and conservation meeting, courthouse, 1 P. M.

December 10—4-H Club deferred steer show and sale, Dodge City.

December 10—Ellsworth county annual Extension council meeting, Ellsworth.

December 10—Ford County Southwest Kansas 4-H Club deferred calf show and sale, Dodge City, 8 A. M.

December 10—Mitchell County Cattleman's Association annual meeting and winter beef Extension school with V. E. McAdams, Beloit city building, 10 A. M.

December 10—Marion county annual Dairy Herd Improvement Association meeting, Hillsboro, 10 A. M. to 3 P. M.

December 10—Phillips county crops and irrigation school, courtroom, 1:30 P. M.

December 10—Clay county executive board meeting, Extension office, 7:30 P. M.

December 10—Anderson county Rural Life Association meeting, Garnett, 7:30 P. M.

December 11—Finney county 4-H Club leaders training meeting, 4-H Club Building, 10 A. M. to 3 P. M.

December 11—Brown county farm welding school, Vocational Agricultural shop, Hiawatha, 10 A. M. to 4 P. M.

December 11—Harvey county annual Agricultural Extension Council meeting, K. G. & E., Newton, 10 A. M. to 3 P. M.

December 14—Wabaunsee county crop and beef school, Alma, 10 A. M.

December 14-15—Kingman county farmers Institute, Kingman.

December 14-15—Kingman county winter institute, Kingman courtroom, 9:30 A. M.

December 15—Russell county welding school, Russell 4-H Club Building, 10 A. M.

December 15—Clay county 11-county district advisory meeting, City Hall basement, Clay Center, 10 A. M.

December 15—Rush county landscape and windbreak school with Charles E. Parks and Harold G. Gallaher, of KSC, La Crosse, 1:15 P. M.

December 15—Pottawatomie county livestock and crops school, Wamego.

December 15—Russell county welding school, Russell.

December 17—Elk county meeting on farm and home electricity, with Roger E. Regnier and Harold E. Stover, of KSC, USDA building.

December 18—Ellsworth county farm income tax clinic, Ellsworth, 1:30 P. M.

December 21—Wabaunsee county Artificial Breeding Association meeting, Alma, 7:30 P. M.

December 22—Cheyenne county leader training meeting on milk sanitation, St. Francis courthouse.

December 22—Riley county Artificial Breeding Association annual meeting.

Here's Where WIBW-TV Can Now Be Seen

NOW THAT WIBW has come out with television, you may be asking, "how wide an area will the station serve and what areas will get the best reception?"

Right now, those who live in Shawnee county will get the best reception. Viewers living outside Shawnee county but no farther west than Alma, east than Lawrence, south than Osage City, and north than Holton will have pretty fair reception if they have an outside antenna. Beyond that would call for a very high antenna.

New Antenna Will Help

However, when WIBW-TV gets its 1,000-foot tower next spring, Channel 13 will be viewed almost anywhere in the eastern half of the state and on the edge of Missouri and Nebraska.

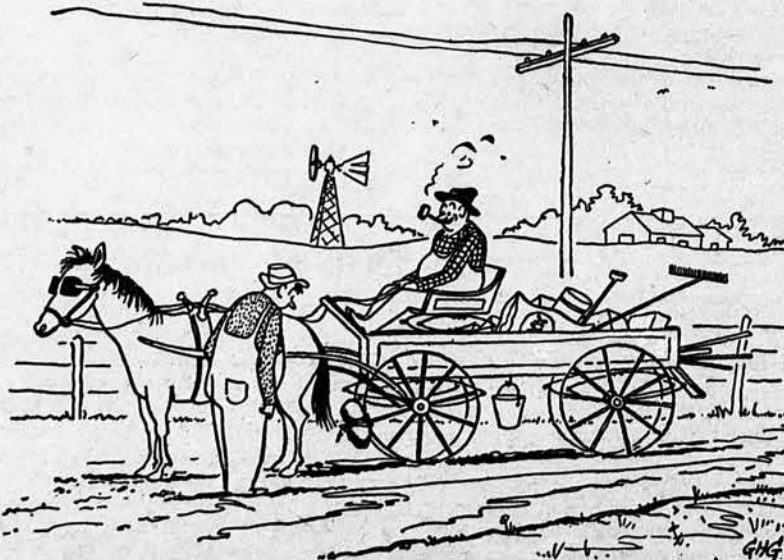
At present WIBW-TV is operating on 10 kilowatts of effective radiated transmitter power from a 226-foot tower.

In the opening ceremonies, Sunday,

November 15, President Henry S. Blake said it was with great pride *Capper Publications* was bringing the first TV station to Topeka and vicinity. Following a short speech, President Blake introduced the board of directors of the Topeka Broadcasting Company, licensee for WIBW-TV. They are, in addition to Blake, James Rankin, W. A. Bailey, Roy Vogel and L. H. Schenck.

Blake thanked the many persons and firms who helped WIBW-TV make its November 15 opening date. Station manager, Art Holbrook, introduced Ben Ludy, WIBW-TV general manager. Ludy commended staff members who worked day and night to make sure the November 15 date was met to bring Topeka's first TV station into the living rooms of the families of this vicinity.

This station is now operating about 6 hours daily. This schedule will be expanded soon. Educational and entertaining programs are shown to meet interests of everyone.



"It keeps me from falling asleep while I'm driving."

Stop Taking Harsh Drugs for Constipation

**Avoid Intestinal Upset!
Get Relief This Gentle
Vegetable Laxative Way!**

For constipation, *never* take harsh drugs. They cause brutal cramps and griping, disrupt normal bow action, make repeated doses seem needed.

Get sure but gentle relief when you are temporarily constipated. Take Dr. Caldwell's Senna Laxative contained in Syrup Pepsin. No salts, no harsh drugs. Dr. Caldwell contains an extract of Senna, one of the finest natural vegetable laxatives known to medicine.

Gentle, effective relief

Dr. Caldwell's Senna Laxative tastes good, gives gentle, comfortable, satisfying relief for every member of the family. Helps you get "on schedule" without repeated doses. Even relieves stomach sourness that constipation often brings.

Try the new
30¢
size

Money back
if not satisfied

Mail bottle to Box 280, N. Y. 18, N.

DR. CALDWELL'S
SENNA LAXATIVE

Contained in pleasant-tasting Syrup Pepsin

HEARING BAD

If so, you will be happy to know how we have improved the hearing and relieved those miserable head noises, caused by catarrh of the head, for thousands of people (many past 70) who have used our simple Elmo Palliative Home Treatment in the past 16 years. This may be the answer to your prayer. NOTHING TO WEAR. Here are SOME of the symptoms that may likely be causing your catarrhal deafness and head noises: Head feels stopped up from mucus. Dropping of mucus in throat. Hawking and spitting. Mucus in nose or throat every day. Hearing worse with a cold. Hear — but don't understand words. Hear better on clear days. Worse on rainy days. Head noises like crickets, bells, whistles, clicking, escaping steam or many other sounds. If your condition is caused by catarrh of the head, you, too, may likely enjoy such wonderful relief as many others have reported. WRITE TODAY FOR PROOF AND 30 DAY TRIAL OFFER.

THE ELMO COMPANY
DEPT. 4KA9 DAVENPORT, IOWA

3 Out of 4 of Your Neighbors and Farmers over the State

KANSAS FARMER

The MOST POWERFUL PISTONS
You Can Install

add POWER PISTONS
Extra power for Farmall, John Deere, Allis Chalmers, Case, Oliver, Massey-Harris, Ferguson, Minneapolis-Moline tractor. For complete facts write Dept. G-24.

M & W
M & W GEAR CO., INC.
ARTHUR, ILLINOIS

Classified Advertising Department

KANSAS FARMER Classified Advertising

WORD RATE

10c per word each issue.
Minimum—12 words.
Names and addresses are part of ad, thus are billed at per-word rate.

Livestock Ads Not Sold on a Per-Word Basis

Column	Cost Per Issue	Column	Cost Per Issue
1/4 inch	\$4.90	2 inches	\$19.60
1/2 inch	9.80	3 inches	29.40

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

● BABY CHICKS

Coombs Chicks. Real egg production breeding. Backed by years of trapnest-pedigree research. Genuine Hy-Line Chicks hatched from parent stock developed by Pioneer Hi-Bred Corn Company. Coombs White Leghorns from strain cross of high production stock. 250-322 egg sired for over 30 years back. Coombs Austra-White Chicks. Produced by crossing stock from two high egg producing ROF strains. Wonderful layers. For fast growing broilers with excellent feed efficiency, grow Coombs Silver X broiler chicks. White Columbian-patterned plumage. Easy to dress. Hatching now. Booking orders for 1954 delivery. Write today. Coombs & Son, Box 8, Sedgwick, Kan.

Rocks, Reds, Hampshires, Wyandottes, \$9.95; pullets \$14.95; Leghorns, Austra-Whites, Minors, \$9.95; pullets \$18.95; Heavyweights \$8.95; Leftovers \$4.95; surplus \$3.95, as available. 24 breeds. Capons, Started Pullets FOB. Alive. COD. Catalog. Bush Hatchery, Clinton, Missouri.

For Sale—Arbor Acres White Rock chicks and hatching eggs. U. S. Approved, pulletum passed. We hatch the year around. Write for literature and prices. Harvey Seng Hatchery, Beatrice, Nebr.

Try Rhodes Chicks, U. S. Approved Pullorum clean, Certified New Hampshire large type, White Leghorns, Rhode Island Reds. Approved Crosses for broilers and seventeen pure breeds. Rhodes Hatchery, Spencer, W. Va.

DeForest Blueblood Chicks, broiler and egg breeds. Hatching year around. Broadbreasted Bronze Poults. Guaranteed livability. DeForest Hatcheries, Box E, Peabody, Kan.

Big Cash Discount for orders booked now. 23 years of breeding direct from 300-egg hens—assures good profits. Bockenstette's, Sabetha, Kan. RIB

● MACHINERY AND PARTS

Garden Tractors, \$100. 3HP. including tools. Write: McLean Tractors, 324 West Tenth, Indianapolis 2, Ind.

Garden Tractor \$100.00 "McLean." Cultivating, plowing, mowing. Universal Mfg. Co., Indianapolis 2, Ind.

● FARM EQUIPMENT

Tractor Tire Bargains—Brand new U. S. Royal Gripmaster first line tires. 14-25/6 pr. \$213.90; 13-26/6 pr. \$164.15; 14-30/6 pr. \$236.25; 13-24/4 pr. \$137.20; 12-38/6 pr. \$185.70; 10-28/4 pr. \$103.75. New first-line Tri-Rib fronts, 100-16/4 pr. \$24.35; 650-16/8 pr. \$41.50; 800-16/8 pr. \$38.15. Prices include excise tax. Shipped freight collect plus Kansas sales tax. Palace Garage, Lyons, Kan.

"We Sell Rain." Advanced designed aluminum irrigation pipe. (only coupler rolled)—ads no wt.—no obsolete castings, (100 st. 4" wt. 74 lbs.)—list 75c, 5" 98c, 6" 122c. Where no dealer buy direct—factory displays—demonstrations—warehouse—dealer—distributor—discounts—free lunches—lodging—appointments—personal services. Conrad's, Gaylord, Kan.

Gigantic Surplus Sale—Tremendous savings. Government and excess inventory power plants, hydraulics, compressors, pumps, weed sprayers, chain saws, binoculars, tools, hundreds of items. Illustrated catalog free. Surplus Center, 877 O St., Lincoln, Nebr.

Do You Know the advantages of electric fencing? Do you know the famous international Electric 106 weed chopper will not short out by weeds? Free information is available by writing International Fencer Co., Inc., 1105 W. Chicago Avenue, Chicago, Ill.

Save 50% on One-way Discs. Adams hard-faced discs stay sharp for the life of the disc. Breakage, scouring difficulties eliminated. Information and prices on Adams complete line of hard-faced tools furnished free. Adams Hard Facing Company, Wakita or Guyton, Okla.

Corn Crackers, Roller Mills, new and used bucket elevators, screw conveyors, molasses mixers, Wagner Machine and Mill Supply, 4444 York, Denver 16, Colo.

Spring Gate: Tired of opening gates? Try this one by only pulling a cable. Stay on your vehicle. Write for folder. Spring Gate Co., Lamont, Kan.

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

Trade 1949 Ford Tudor for truck, pickup or farm machinery; wanted U9 and UD9 power units. Bernard Lucking, Oxford, Nebr.

● FARM LANDS

Free information about Ozarks. Booklet with actual photos mailed free. Owensby & Son, Buffalo, Missouri.

Strout's Farm Catalog. Farms, Homes, Business, 33 states, Coast-to-Coast. Describes 3,298 bargains. Mailed free. World's Largest; 53 years service. Strout Realty, 20-V West 9th St., Kansas City 5, Mo.

● SEEDS

Grower tested, approved Hybrid tomatoes, cu- cumbers. Circular. Fike Seeds, Council Grove, Kan.

Certified Mo. 0-205 oats. \$2.00 per bu. Swinger & Alley, Marshall, Mo.

● DOGS AND SUPPLIES

English Shepherds, Border Collie puppies. All ages, both sexes, choice colors, faithful workers, satisfaction guaranteed. Fairmount Farms, Cedar Falls, Ia.

Coon Hunters! Read a monthly magazine devoted to coonhounds, training, news, stories. 12 issues \$2.00. Sample 20c. American Cooner, Box 2118, Sesser, Ill.

Beautiful Golden Collie Puppies. Eligible A.K.C. Purebred English Shepherds. Barnes, Collyer, Kan.

Dalmatian pups \$10.00 and \$15.00 also grown stock. Thomas Wiles, Gordon, Nebr.

Pure Shepherds, Collies, part trained. Females \$5.00, spayed, \$9.00. Gross, Grafton, Nebr.

● PLANTS AND NURSERY STOCK

American Ginseng Free—How to grow and sell. Have seed and plants. Ginseng Gardens, Asheville, North Carolina.

● FUR BEARING ANIMALS

Raise Mink: Free booklet, pen plans, inside "secrets," feed, care. Mink are money makers. Investigate today. Lawrence Molgard, Brigham City 55, Utah.

● EDUCATIONAL—BOOKS

AUCTION SCHOOL Learn Auctioneering America's Leading Auctioneers Teach You. Students sell 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**

Learn Auto and Diesel mechanics or auto body repair in 16 to 25 weeks. Also short courses in lathes and welding. G.I. approved. Write for particulars. Hanson Mechanical Trade School, Box 1780-K, Fargo, N. D.

Old Books, Know Their Value. Information free. Write Clinton Book Exchange, Box H311, Clinton, Mass.

Learn Auctioneering. Term soon. Write for catalog. Missouri Auction School, Box 8425A9, Kansas City, Mo.

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

● HOME HEATING

Parts for All Stoves, ranges, heaters, furnaces. Fit guaranteed. Write for prices. Give make, model and part number. Omaha Stove Works, Dept. K, 1204 Douglas St., Omaha, Nebr.

● AGENTS AND SALESMEN

Extra Cash Can Be Yours. Our expansion program has created several additional attractive dealerships. You can increase your cash. If interested in extra earnings either on a part- or full-time basis write for free information. No experience necessary. KKK Medicine Company, Keokuk, Iowa.

● FOR THE TABLE

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

Extracted—Pure as bees can make it. 60-lb. Can Clover, FOB... \$12.00
12-lb. Can Clover (Postpaid to 300 mi.)... 3.85
12-lb. Can Mixed (Postpaid to 300 mi.)... 3.60
Order Promptly—Supply Limited
HAHN APIARIES, 1715 Lane St., Topeka, Kan.

BEST TAFY CANDY YOU EVER ATE Pecan-maple and pecan-vanilla flavors, plain and colors with pecan meats and flavoring. Order now for churches and clubs for holidays. Five ounce sample, 50c; 1-lb., \$1.00; 5 lbs., \$5.00; 50 lbs., \$45.00; 100 lbs., \$85; all prepaid. Guaranteed. P. O. Box 890, Canon City, Colo.

Smoked Whitefish (Canadian) 10-lb. carton postpaid \$6.00. Pradet, West Fargo, N. Dak.

Black Walnuts, new crop, hulled, 100 pounds \$6.00. Bern Carlock, Springdale, Ark.

● OF INTEREST TO WOMEN

Pinking Shears—Only \$1.95 postpaid. Chromium plated, precision made. Manufacturer's Christmas overstock. Guaranteed \$7.95 value or money refunded. Lincoln Surplus Sales, 1704 W. Farwell Ave., Chicago 26, Ill.

Typists, hand writers. Nationally known mailing company provides details of spare or full time earnings, addressing envelopes, compiling lists. Details free. Allied, Box 1149E, Knoxville, Tenn.

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

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

Women make money at home, spare time. Sew ready cut Rap-A-Round. Easy, profitable. Hollywood Mfg. Co., Dept. AF, Hollywood 46, Calif.

Send Wool or Wool Rags. For woollens, batting, blankets. Free circular. Litchfield Woolen Co., 303 N. Sibley, Litchfield, Minn.

Hooked Rugs, Unusual New England Patterns. Mail 10c for picture catalog. Dorokraft, 11 Gainsborough, Scarsdale, N. Y.

● OF INTEREST TO ALL

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.

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.

Money-making Opportunities. Choose from hundreds. Read world's biggest classified medium. Free copy. Popular Mechanics Classified, 200-KF East Ontario, Chicago 11, Ill.

Handicraft, all kinds, wanted for Craftshop sales. What can you offer? Want list 3c. Craftsman, Loganville, Ky, Wis.

Leather Jackets Renovated, expertly, free circular. Berlew Mfg. Co., Dept. 80, Freeport, N. Y.

● REMEDIES—TREATMENTS

Arthritis and Rheumatism Sufferers: Read "Crude Black Molasses" by Cyril Scott. One dollar postpaid. Harmony Book Shop, New Castle, Penn.

Free Book—Piles, Fistula, Colon-Stomach, associated conditions. Latest methods. Thornton & Minor Hospital, Suite C1206, Kansas City 9, Mo.

● BUSINESS OPPORTUNITY

Feeding and Watering Automatic Stocked and Equipped

CAGE LAYING PLANT

Netted over \$2,000 in October running at half capacity. In suburbs of Portland, Oregon. 4-year-old masonry home 1,800 sq. ft. near stores and school. All for \$32,000. Substantial discount for cash.

F. H. MILLER

8357 S. W. Jager Ave., Portland 19, Oregon

Farm Implement business in excellent farming community in Central Illinois for sale. Sell merchandise at cost on terms. Rent buildings. Classified Department, Kansas Farmer, Topeka, Kan.

Trim Hair Without "Barber." Miracle clipper sells on sight. Keeps hair neat. Samples sent on trial. Kristee 181, Akron, O.

● 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.

● FILMS AND PRINTS

Photo Christmas Cards, very personally yours. 16 cards and envelopes from your negatives for \$1.00. 100 for \$8.00. Send 35c extra if you enclose a photo. 1 deckle print on 8-exposure roll 25c, 2 prints each 38c.

SUMMERS STUDIO

Unionville, Mo.

No Charge—for developing roll—same day service—pay for prints only—regular size 3c—Jumbo 4c. Refund on prints not good. Established 25 years. Square Deal Photo, Box 1153 D, Hutchinson, Kan.

20 DECKLEGE REPRINTS 50c
6-8 exposure roll developed and printed 25c; 12-exposure, 30c; Jumbo prints 4c each.

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

Eight-Exposure Roll printed one of each 30c; two each 40c; one each Jumbo 40c. Star Photo, Denver, Colo.

Enlarging—Professional work. Double weight paper. 5x7—25c. 8x10—40c. 11x14—80c. \$1.00 minimum. Rose's Studio, 5013 Newcastle, Riverside, Calif.

● PATENTS AND INVENTIONS

A. H. Sturges, 317 Sunderland Bldg., Omaha, Nebr., Registered Patent Attorney, U. S. Patent Office. Procedure information, evidence of invention form and patent book sent on request.

December 19

Will Be Our Next Issue

Ads for the Classified and Livestock Section must be mailed not later than Tuesday, December 8, so they will be in our hands by

Wednesday, December 9

If your ad is late, send it in Special Delivery to 8th and Jackson Sts., Kansas Farmer, Topeka, Kan.



In the Field

MIKE WILSON

TOPEKA, KANSAS

Livestock Editor

The KANSAS MILKING SHORTHORN SOCIETY held their sale October 30 at Hutchinson. Thirty-eight head of cattle were sold for an average of \$235.80. Thirty-three females sold for an average \$235.60; 5 bulls, \$237. Roy Bunker, Council Grove, consigned the top-selling bull; was purchased by George R. Helken, Bush-ton, for \$440. W. L. Hartman, Wichita, consigned the top-selling female; was purchased by Leo F. Breeden, Great Bend, for \$490. In this sale 12 cows averaged \$317. Twenty-one heifers averaged \$189. Twenty-five head of the 38 sold were young animals, but prices received were quite satisfactory. Harold T. Clynne, Arnold, was heaviest buyer, purchasing seven head. Curt Heidebrecht was the secretary-sale manager. Gus Heidebrecht was auctioneer, assisted by Melvin Temple, Dale Leichter, and Walter Otte. Joe Hunter read pedigrees.

E. WAYNE ANDERSON, Ottawa, prominent breeder of registered Ayshire cattle, held a production sale at his farm October 27. Forty-eight head of cattle were sold and all were purchased by Kansas buyers. Raymond Landes, Morrill, purchased the top bull calf for \$105. Fay Spielman, Lebo, paid the top price for females when he purchased a fresh 3-year-old cow for \$400. Three bull calves averaged \$70 each. Col. Mike Wilson sold the sale, assisted by Claude and Charlie Myers in the ring.

On October 17, **BAUER BROTHERS,** of Gladstone, Nebr., held their Poland China hog sale at Fairbury. Fifty head were sold for a general average of \$160. Oscar Anderson, Leland, Ill., purchased the top-selling boar for \$1,300. D. U. E. Watson, Mitchell, Nebr., purchased the top-selling female for \$97.50. Boars averaged \$210 and females averaged \$85. This top price on boars is the season's top price for Poland Chinas. He was the Nebraska grand champion boar.

A number of **REGISTERED HOLSTEINS** in Kansas have recently added to or achieved lifetime milk production totals of 100,000 pounds or more in records with the Holstein-Friesian Association of America.

Such totals, all having been made on official Herd Improvement Registry or Advanced Registry test, are about 5 times lifetime production of average cows. In recent years, tremendous strides have been made in increasing lifetime production of dairy cows, thru improvement in herd health, feeding and breeding for long productive life.

Recently announced totals for cows having previously reached 100,000 pounds are as follows: (Abbreviations following cow's name refer to classification for type when available. Such classifications include "Excellent," "Very Good," "Good Plus," "Good," "Fair" and "Poor." (Continued on Page 28)

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	\$26.00	\$26.00	\$34.00
Hogs	22.90	20.60	16.90
Lams	20.50	21.00	22.50
Hens, 4 to 5 lbs.	.21	.22	.25
Eggs, Standards	.45	.42	.44
Butterfat, No. 1	.56	.56	.62
Wheat, No. 2, Hard	2.47 1/2	2.35 1/2	2.49 1/2
Corn, No. 2, Yellow	1.55 1/2	1.47	1.67
Oats, No. 2, White	.87 1/2	.88 1/2	.99 1/2
Barley, No. 2	1.25	1.26	1.54
Alfalfa, No. 1	30.00	—	45.00
Prairie, No. 1	25.00	—	30.00

FIELD SPEEDS or FARMALLS

● Save On Gas Bills ● Save Time in Field

Save hours of time in the field each season and cut your Farmall operating costs. M&W 9-Speed Transmission adds 4 more intermediate field speeds (6, 7 1/2, 9 and 11 mph) giving you a "job-suited" speed for all work.

When pulling light draft equipment, shift to a higher gear and save gas. You can utilize your tractor power more efficiently, especially when using a rotary hoe, harrow, rake, commercial fertilizer spreader or hauling equipment, if you have M&W 9-Speed Transmission in your Farmall M, H, MD, W-4, W-6, Super H or Super M tractor.

Get more work done in less time at less cost. Install M&W 9-Speed Transmission now! For complete information see your tractor dealer today or write Dept. G25.

Mfrs. Famous Add-POW'R Pistons and 9-Speed Transmission.

M&W GEAR CO. ANCHOR, ILLINOIS

FAITHFUL SERVANT

easy to operate—quick to dismount. Precision finished cylinders stop leaks and sealer failures. Time and field tested for extra hours service. Dozer blades—snow buckets—backers and loaders to fit.



WINPOWER NEWTON, IOWA

SALINA CONCRETE SILO

SALINA SILO lets you feed profitably when cattle prices are down. Saves feed bills. Saves drought crops which otherwise would be lost. Built with large, all-steel doors, SALINA SILOS last for years, eliminate spoilage, pay for themselves. No down payment. Write for free folder.

SALINA CONCRETE PRODUCTS, Inc. Salina, Ka.

RELIABLE ADVERTISERS ONLY

ARE ACCEPTED
IN KANSAS FARMER

GRIPSO

Trigger-Matic VISE PLIERS

IN-1 TOOL

for Home—Workshop—Field

Wrench, hand vise, clamp, nut wrench, pipe wrench all in one! Gripso does work of whole kit around home—saves carrying extra tools out in the field. Locks on work with ton grip. Adjusts, releases with one hand. Unique safety trigger unlocks jaws only without handles leaping apart. Can't open accidentally. No skinned knuckles. Special planar jaws can't slip. High grade steel along 13 oz. Fully guaranteed. Black Satin finish. \$2.75. Copper finish \$3.25. Excellent. Send check or M.O. to H. R. Basford, 235 15th St., Dept. K 1, San Francisco, California.

Kansans Win Honors at Dairy Show Events

SEVERAL KANSAS dairymen won high honors at recent national and international dairy events.

Ayr-Line Farm, owned by Mr. and Mrs. W. S. Watson, Hutchinson, won top prizes and trophies at the 1953 National Dairy Cattle Congress, Waterloo, Ia., and at 1953 International Dairy Show, Chicago, Ill. At Waterloo they had reserve senior champion Ayrshire bull; grand champion Ayrshire cow; first and second in age cows in Ayrshires; first prize senior yearling and junior champion cow; first prize 3 females; second prize, junior get of sire. Kansas Farmer is running pictures of the top winners on these pages. At International Dairy Show, the Watsons had these top Ayrshire winners: reserve grand champion bull; first prize age cow; grand champion cow; best udder cow; first prize senior yearling; junior champion; first in produce of dam; the Sietz trophy was won for best pair of Ayrshires; first three best fe-

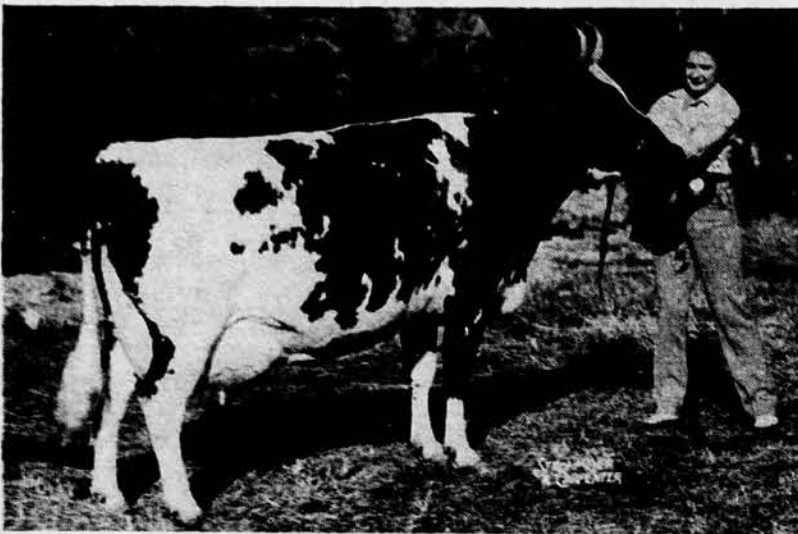
males; first and second in senior get of sire. At Waterloo, the Watsons won one of 2 trophies given. At Chicago they won 4 of 5 trophies given. The Watsons had first in state herd at both big shows. Chester Unruh, Hillsboro, had these top winners: Chet-Ayr-Special Laura was first in 3-year-olds at Waterloo show, and was third in best udder, at Chicago event. Ayr-Land Dixie Rose was second in age cows at Chicago.

Eldon and Arlo Flickner, Mound Ridge, had these winnings: Redskin Jim was fifth at Waterloo in age cows and seventh in best udder at same show.

Fred Williams, Hutchinson, had a winner in Woodhull Rare Nell, who was third in junior yearling at Waterloo and seventh at the International Show.

Dr. Warren F. Bernstorf, Winfield, won eighth prize with La Gonda Golden Violet as senior calf at Waterloo.

NATIONAL DAIRY CONGRESS CHAMPION



GRAND CHAMPION Ayrshire at 1953 National Dairy Cattle Congress at Waterloo, Ia., was Ayr-Line Rare Betty, of Ayr-Line Farm, owned by Mr. and Mrs. W. S. Watson, Hutchinson.

Public Sale of Livestock

(Continued from preceding page)

Studies indicate that type and long life are closely associated factors.)

Collins Farm Man-O-War Helen, 142,967 lbs. milk, 3,349 lbs. fat, 8 lactations, milked 2 times daily. Owned by Ernest A. Reed & Sons, Lyons.

Collins Farm Gerben Lass, 141,491 lbs. milk, 3,093 lbs. fat, 9 lactations, milked 2 times daily; Collins Farm Ella Gerben Lass, 114,745 lbs. milk, 3,965 lbs. fat, 8 lactations, milked 2 times daily.

Both owned by Harvey Bechtelheimer, Sabetha. Heersche Quin-Dale Commander Blond, 132,413 lbs. milk, 4,453 lbs. fat, 7 lactations, milked 2 times daily. Owned by John & George Heersche, Mulvane.

Helen Billy Abbecker, 124,356 lbs. milk, 4,173 lbs. fat, 7 lactations, milked 2 times daily. Owned by Wilson Brothers, Lincoln.

Onabank Pontiac Princess, 119,114 lbs. milk, 4,085 lbs. fat, 7 lactations, milked 2 times daily. Owned by Lloyd Smith, Pretty Prairie.

Zena Ormsby Papoose, EX, 115,574 lbs. milk, 4,472 lbs. fat, 7 lactations, milked 3 times daily; Lucille Papoose Ormsby (Pebe), VG, 104,288 lbs. milk, 4,234 lbs. fat, 7 lactations, milked 3 times daily. Both owned by R. C. Beezley, Girard.

One cow has completed a lactation putting her over the 100,000 mark for the first time. She is Zeezey Farm Mistress Lucetta, 101,294 lbs. milk, 3,931 lbs. fat, 5 lactations, milked 3 times daily, owned by R. C. Beezley, Girard.

C. R. SEER AND SONS, Larned, have a registered Jersey cow that recently completed a 105-day Hard Improvement Registry production record of 11,255 pounds milk containing 545 pounds butterfat at the age of 4 years and 6 months, with the American Jersey Cattle Club.

With 14,122 pounds of milk and 619 pounds of butterfat to her credit, Bo Lan Patsy Femco Fries, a registered Holstein-Friesian cow owned by **HUGH BOWMAN**, Larned, has completed a 122-day production test in official Hard Improvement Registry. She was milked 2 times daily, and was 4 years, 7 months of age when she began her testing period. Her record averages about 22 quarts of milk daily for the period covered by test.

TWO NEW NATIONAL HOLSTEIN-FRIESIAN FIELDMEN have been appointed by the Holstein-Friesian Association of America to cover field territories in central United States. They include T. A. Burgeson, Jr., whose territory will include Iowa and Illinois, and Deane T. Skogman, assigned to the Southwest. Skogman's area will include Kansas, Missouri, Arkansas, Texas, Oklahoma, and New Mexico.

Burgeson recently was engaged in partnership with his father on a registered Holstein dairy farm near Grandview, Mo. He is a graduate of Missouri College of Agriculture, majoring in dairy production, and served 2 years with the U. S. Marines. Twenty-four years old, he has a lifetime of farm experience behind him, has showed his own club calves, was selected as outstanding Missouri Holstein 4-H Club Boy in

1947, was a member of the dairy judging team in college, competing at the Dairy Cattle Congress and the American Royal, and was a member of the staff of his college farm magazine.

Skogman, from Cambridge, Minn., has a similar background and like Burgeson, was in partnership with his father on a registered Holstein farm prior to his appointment. A World War II veteran, he graduated from Iowa State College in 1949, awarded his degree in dairy husbandry. He has been a veteran's on-the-farm training instructor. Raised on a dairy farm in Iowa, he was state champion 4-H Club showman in 1940, was a member of the champion Iowa 4-H judging team in 1939, and built his own purebred Holstein herd thru 4-H project work. Skogman's experience also includes work with purebred hogs. He is 28.

Burgeson will take over the territory formerly covered by Robert Howard, November 15, and Skogman will replace Richard Nelson in the Southwest December 6. Headquarters locations have not yet been announced.

KANSAS' FIRST ENTRIES for 1953 International Live Stock Exposition at Chicago November 28 thru December 5 are from Hudelson Brothers, Pomona and WRS Angus Farm, Hutchinson. Both farms will be represented by entries in the purebred Aberdeen-Angus classes. Over 10,000 head of the country's top livestock will be exhibited.

JAKE REICH & SON and **FRANK MATHE-SON** Polled Hereford sale was held November 19 at Natoma. Fifty-eight lots brought \$11,907 to average \$250. Twenty-nine bulls averaged \$221; 29 females, \$189. Many cattle were only a year old or younger. Top bull was Lot 18, Dom. Rollo 256th, consigned by Reich & Son and sold to Ernest Egger, Ellis, for \$495. Top female was Lot 59, SM Lady Domino, consigned by Mathe-son, and brought \$300 on the bid of Jim Korb, Burr Oak. Col. Freddie Chandler was auctioneer.

Sixty-six Herefords in the **BELLYAURES RANCH SALE** at Paxico, sold for a total of \$11,928 to average \$180. Top bull in this auction was Lot 1, BR Snokomo 53d, selling at \$415 to Raymond Adams, Maple Hill. Top female was Lot 25, a cow and calf combination totaling \$372. The cow, BR Rockette 8th, sold at \$250 to Tom Dieter & Son, Paxico, and her heifer calf at \$122 to O. F. Taylor, Wamego. Top steer calf in this auction was purchased by Roland McKnight of Eskridge, for \$160. Col. Gene Watson was auctioneer.

C. K. MOUSEL, Polled Hereford sale, held at Cambridge, Neb., November 16, totaled \$31,210 to average \$614. Top bull was Choice Lamplighter P. by Polled Modest Lamplighter 2nd, selling to G. J. Ranch, Maud, Miss., for \$2,200. Second top bull was Polled Modest Lamplighter 24, selling to Dale N. Fisher, Kingfisher, Okla., for \$2,000.

Forty-three Polled Herefords in the **H. H. CARROTHERS** dispersion sale held at Paola, November 12, totaled \$16,115 to average \$374. Seven bulls averaged \$540; 26 females, \$342. Top bull was Lot 1, HHR DW 161st, sold at \$1,725 to O. J. Shields, Lost Springs. Top female, a cow

and calf combination, totaled \$670—Lot 30, HHC Rose Battle, sold for \$400 to J. C. Wright, Mission, and her heifer calf sold for \$270 to Ray Gillet, Ottawa. Vie Roth, Hays, was sale manager. Freddie Chandler was auctioneer.

On November 14, the **KANSAS STATE SHORT-HORN ASSOCIATION** held their show and sale at Hutchinson. Seventy-six head sold for a total of \$21,490 to average \$282. Thirty-five bulls averaged \$336; 41 females, \$237. Two bulls shared the top honors of \$600 each. Lot 26, Mercury's Goldbar, reserve champion of show, consigned by William Thorne, Lancaster, brought \$600 on bid of Glenn E. Lacy & Son, Miltonvale. Lot 13, Emmeline's Welcome, consigned by Ralph Bayles, Garrison, also brought \$600, on bid of A. B. Moll, Little River. Top female was Lot 39, Blossom 10th with a heifer calf, brought \$445 selling to Allison Bros., Minneapolis. She also was from the Thorne consignment. Colonel Swaffar was auctioneer.

Forty-nine Polled Shorthorns in **KANSAS STATE POLLED SHORTHORN SALE**, held at Hutchinson, November 14, totaled \$13,700 to average \$280. Twenty-five bulls averaged \$320; 24 females, \$256. Top bull was Lot 8, WB Union Type, consigned by Wallace Bros., Barnard, and sold at \$590 to Mrs. Eva Umdenstock, Reading. Two females shared the top of \$400 each. Lot 36, Victoria Gail, consigned by Love & Love, Partridge, sold to S. S. Ziegler, Palco, and Lot 45, Bonnie Belle, also from the Love & Love consignment, went to F. L. Lawson, Penola, for same figure. C. D. Pete Swaffar was auctioneer.

The **O'BRYAN RANCH** of Hiattville, November 13, attracted a number of buyers at their sale of registered Polled Herefords and Hampshire hogs. A large number of 4-H and FFA project animals were purchased. Ed Oberlinter, Denedocan, O., purchased top-selling Polled Hereford for \$500. He paid this price for Lot 18, O'Sadie Mischief 2nd bred to the national champion O'Larry Mischief 7th. Ernest Ford, Aurora, Mo., paid \$350 for top-selling club calf. The Kansas Junior champion gilt, June Blossom, topped the Hampshire sale going at \$310 to Ray Sims, Belton, Mo. Top-selling boar was purchased by O. E. Wright & Son, Gallatin, Mo., for \$200. Six states were represented.

The **THIRTEENTH ANNUAL ARMISTICE DAY SALE** of purebred Herefords at Valley View Ranch, Haven, was held November 11. Valley View Ranch is owned and operated by W. T. Tonn & Son and O. W. Fishburn & Son were guest consignors. Forty-seven head of Herefords were sold for \$10,822 to average \$230. Eight bulls averaged \$234; 39 females, \$229. Top bull was Lot 8, Advance K Tone 67th, consigned by W. T. Tonn & Son and sold to Glen Mohr, Kingman, for \$355. Top female was Lot 10, a cow and calf combination totaling \$442 consigned by O. W. Fishburn & Son; the cow, Miss Ginger Rupert, sold to Rex Curtis, McPherson, at \$317 and her heifer calf sold for \$125 to Linstrom Bros., Marquette. Col. Harold Tonn was auctioneer.

On November 10, the **KANSAS SUNFLOWER FUTURITY HEREFORD ASSOCIATION** held their sale at Hutchinson. Forty-six head of cattle were sold for a total of \$21,275 to average \$462. Twenty-three bulls averaged \$555; 23 females, \$371. Show champion and top bull was Lot 2, Dellford Donald 65th, consigned by Frank R. Condel, El Dorado, and was purchased by Ed Crook, Hutchinson, for \$1,675. Top female was Lot 27, FF Wistful Maid 4th, consigned by Foster Farms, Rexford; sold to Gilbert Ochsner, St. Francis, for \$770. Col. Gene Watson was auctioneer.

Forty-three **CENTRAL KANSAS ASSOCIATION POLLED HEREFORDS** were sold at auction, November 20 at Herington, for a total of \$9,155 to average \$212. Twenty-three bulls averaged \$240; 20 females, \$182. R. E. McCallum, Matfield Green, consigned the top-selling bull, Lot 7, OH Choice Domino 13th. This bull was placed champion during the show on morning of sale. He was purchased by Campbell Hereford Farms, Burrton, for \$800. Top female was Lot 30, WGF Miss Domino 5th, consigned by George L. Riffel & Son, Hope, and was purchased by Kermit Harris, Peabody, for \$445. Show champion female was Lot 28, consigned by R. E. McCallum and sold for \$430 to Ulrich Farms, Manhattan. Freddie Chandler was auctioneer.

The 10th annual sale of Milking Shorthorns sponsored by the **McPHERSON COUNTY MILKING SHORTHORN ASSOCIATION** was held at Hutchinson, November 15. Thirty animals were sold and all but 3 went to build Kansas herds. Only out-of-state buyer was Max Kimmerring, Beatrice, Neb., who bought 3 head. Seven cows averaged \$263, while average on 15 heifers, bred and open, was \$146. Eight bulls averaged \$180. Average on 30 head was \$183 and considering

that 18 were yearlings or younger, prices received were quite satisfactory.

Virgil M. Kaufman, Moundridge, paid a price of \$300 for a cow with a day-old calf side; consigned by Heidebrecht Bros., Inma. Second top female sold for \$280 consigned to L. Milton Myers, Windom, and was bought by John D. Goering, Burrton.

R. B. Wilson, Hutchinson, was successful bidder on top bull sold. This was a 17-month old bull consigned by Walter Zenger, McPherson, and sold for \$305. Retnuh Farms, Geneseo, consigned the second top bull and was bought by Ark-Val Herd, Belle Plaine, for \$240.

Gus Heidebrecht was auctioneer, assisted by Dale Lechlitter and Ted Krehbiel. Joe Hunt read pedigrees.

At the **JESSE RIFFEL & SONS** Plain View Farms sale of Polled Herefords, November 2, 52 head of registered cattle sold for a total of \$20,490 to average \$394. Fourteen bulls averaged \$470; 38 females, \$340. Top bull was Lot 1, PVF Advance Plato 2nd, and sold at \$2,200. Col. W. C. Farmer, Leavenworth. Top female was Lot 18, Miss Advancemore 702nd and sold for \$890 to Combest Farms, Lenexa. Four states were represented on the clerk's books after the auction. Bernie Hart was auctioneer.

Forty-nine Polled and Horned Herefords in the **LEO EBELE, Wamego, and W. R. and ROBERT ZIMMERMAN, Alta Vista**, sale was held October 31 at Alma. C. H. Banks & Son, Wamego, purchased the top-selling bull, Lot 1, MB Re Onward 6th, for \$600. Top female was Lot 1, EPH Miss Larry 14th, who sold for \$300 to A. J. Germann & Son, Alta Vista. Col. Gene Watson was auctioneer.

Buyers from Ohio, Nebraska, Colorado, Wisconsin, Texas, Utah and Kansas and visitors from Oklahoma and South America attended the **H. A. MEIER HOLSTEIN DISPENSAL**, Abilene, October 19. This sale totaled \$27,170 to average \$485 on 56 head. Forty-six lots of calves with dams averaged \$632. Top bull, Lot 1, Wis Whirlwind, purchased by Sanmargale Farms, Oregonia, O., for \$1,800. Hugh Bowman Larned, purchased the 2nd top-selling bull, \$1,575. Lot 8 in female section was top-selling cow, purchased by Sanmargale Farms. Heifer calf, Lot 5 1/2, was purchased by Sheldon Freeman, Abilene. R. A. Dawdy, Salina, was sale manager. Col. Bert Powell was auctioneer, assisted by Mike Wilson and Glenn McCormick.

The **LINCOLN COUNTY HEREFORD ASSOCIATION** held their sale of registered Herefords at Sylvan Grove, November 3. Forty-two head averaged \$268. Twenty-eight bulls averaged \$275; 14 females, \$254. Top bull was Lot 2, Coronet Larry 5th, consigned by George Murra Jr., Barnard, and was sold to B. E. Meyer Nakoma, for \$510. Top female was Lot 35, Lady Larry Mixer, consigned by O. M. Wright & Son, Vesper, and was purchased by Uriel Bros., Luray. Col. Freddie Chandler was auctioneer.

On November 2 the **SUMNER COUNTY HEREFORD ASSOCIATION** held their sale at Wellington. Forty-six head of Herefords totaled \$8,740 to average \$190. Thirty-three bulls averaged \$185; 13 females, \$205. Top bull was Lot 1, Beau Domino, consigned by L. D. Haggan Wellington, and sold at \$405 to Bert Nittle Lake City. Top female was Lot 37, Rena's 1st with heifer calf, consigned by Ray L. Rusk & Son, Wellington, and sold for \$340 to Clifford Lundgren, Wellington. Col. W. H. Heldenbrand was auctioneer.

A top of \$1,450 was reached on the reserve champion bull at the November 5 sale of **ABERDEEN ANGUS** at the **KANSAS STATE SALE**. This figure was realized by Harold Gelsa & Son, Arnold. He was purchased by Harold Stapleton & Son, Sublette. Champion and top-selling bull was consigned by Sunflower Farm, Everest. He was purchased by Harry Hunt, Wellington. Show champion and top-selling female was consigned by C. T. Eubanks & Son, Coats, and was purchased by E. J. Tatge, Ramona, for \$682. Sixty-five head brought a total of \$22,850 to average \$351. Six bulls averaged \$585; 59 females, \$328. Ray Sims, Belton, Mo., was auctioneer. Lester Ljungdahl, Manhattan, was secretary and sale manager.

On October 21 the **BLACKPOST RANCH** of Olathe held their sale of registered Aberdeen Angus cattle. Sixty-six head totaled \$72,120 to average \$1,093 per head. Two bulls averaged \$4,250; 64 females, \$994. Top bull was Lot 1, BPR Eileenmere 1271st, consigned by Blackpost Ranch and sold at \$6,500 to Perddo Ranch, Pensacola, Fla. Top female was Lot 41, Essa of GV 6th, consigned by D Bar S Ranch, Louisville, and bred to Elban Bardolier 3d, 1953 International grand champion bull, sold for \$6,100 to Den Mor Farms, Wilmington, O. Col. Roy Johnston and Ray Sims were auctioneers.

INTERNATIONAL DAIRY SHOW CHAMPION



GRAND CHAMPION Ayrshire at 1953 International Dairy Show at Chicago, Ill., was Ayr-Line Royal Girl, of Ayr-Line Farm, owned by Mr. and Mrs. W. S. Watson, Hutchinson. Royal Girl was first prize age cow, and best udder cow.

Beef CATTLE

B-K HEREFORD RANCH Longford, Kansas Will Hold Their 9th Annual REGISTERED HEREFORD AUCTION SALE Monday, December 14

In heated sale barn at Minneapolis, Kansas.
Sale starts at 1 o'clock.

20 BULLS — 20 FEMALES

Sired by Dandy Larry D. 48th and Proud A. Mixer. Bulls range in age from 8 to 20 months. Females range in age from 7 to 20 months. Come early—eat in barn.

Write for catalog to

B-K HEREFORD RANCH
LONGFORD, KANSAS

The Kansas Hereford Assn. RANGE BULL SALE GOODLAND, KANSAS

Saturday, December 12, 1953

Sale at 10:00 A. M. Selling 150 Serviceable-age Registered Hereford Bulls. Write to Tom Sullivan, Secretary-Manager, State Fairgrounds, Hutchinson, Kan.

KANSAS HEREFORD ASSN.
Mike Wilson for Kansas Farmer

Kansas Angus Assn. Annual Registered and Commercial Sale DODGE CITY, KANSAS Sale at 10:00 A. M. CST DECEMBER 7, 1953

Midwest's Largest Annual Angus Sale

125 BULLS — 275 FEMALES

500 Commercial Females, 500 Steers

For information and details contact

Lester Ljungdahl, Sec.-Mgr.
Route 2, Manhattan, Kansas

Kansas Aberdeen-Angus Assn.
Mike Wilson for Kansas Farmer

FOR SALE

Aberdeen-Angus Cattle

Serviceable bulls and younger bulls. Also a few heifer calves and heifers.

NRH ANGUS FARM, Moundridge, Kansas

Dairy CATTLE

HOLSTEIN BULLS

We have available bulls from baby calves to service age. They are from dams classified Very Good and Good Plus with records up to 226 lbs. of fat on twice a day milking and with lifetime records up to 180,000 lbs. of milk. Herd average over 600 lbs. of fat on twice a day milking. Prices reasonable.

ERNEST A. REED & SON
THONYMA FARM, Lyons, Kansas

REGISTERED HOLSTEIN-FRIESIAN BULLS

Up to service age. Very reasonably priced from high record dams.

WALLACE J. BECKNER
Belle Plaine, Kan. Phone 3F2

4 miles west; 1 north of Belle Plaine, Kan.

For Sale; Heavy Springer

HOLSTEIN REG. HEIFERS

MOTT & KANDT, Herington, Kan.

AYRSHIRE BULL CALVES

For sale—2 purebred polled Ayrshire bull calves from good breeding. Choice \$100.

MERTON ANDERSON, Partridge, Kansas

WISCONSIN DAIRY CATTLE

Choice Holstein, Guernsey and Brown Swiss calves. Yearlings and Springing Heifers. Delivered to your farm C.O.D.

Wm. H. Grosse, York, Nebr., Bx. 48. Ph. 1419

Dual-Purpose CATTLE

FOR SALE

POLLED MILKING SHORTHORN BULL

Eight months old. Dark red, a grandson of dual Supreme 2nd.

MAX CRAIG, Oaage City, Kansas

Farm 1 mile east, 1 1/2 north of Miller Jet.

JUNIOR CHAMPION WINNER TWO TIMES



JUNIOR CHAMPION Ayrshire at 1953 National Dairy Cattle Congress, Waterloo, Ia., and at the 1953 International Dairy Show, Chicago Ill., was Ayr-Line Modish Gaiety, of Ayr-Line Farm, owned by Mr. and Mrs. W. S. Watson, Hutchinson. Other prizes won were first prize senior yearling at Chicago and at Waterloo.

This was a Joint Sale of Blackpost Ranch, owned by Summer Fifield, and D Bar S Ranch, owned by Bruce Dodson and Ernie Sherard.

WILLIAM BELDEN and AL J. SCHUETZ, Horton, held their fall sale on October 24. This sale was comprised mostly of young calves. Sixty-nine lots sold for \$8,734 to average \$127. Thirty-nine bulls averaged \$124; 38 females, \$128. Top bulls brought \$250 each, with Lot 1, Prince Tredway 61st, selling to Otto Fitzek, Nebraska City, Nebr., and Lot 24, HR Duke Prince D, selling to Arthur Albers, Bendena. Top female was Lot 36, Bell Mixer, sold for \$200 to Loren Dinley, Seneca, Col. Gene Watson was auctioneer.

The KANSAS FLINT HILLS HEREFORD ASSOCIATION held their fall sale at Cottonwood Falls, October 29. Forty-nine head of cattle sold for a total of \$13,487 to average \$275. Thirty-three bulls averaged \$292; 16 females, \$241. Show champion and top sale bull was Lot 21, Crusier K 4th, consigned by Kansas State College, Manhattan, and sold to Albert Morgan, Alta Vista. Show champion and top-selling female was Lot 41, WCF Lady Royal 5th, consigned by Willow Creek Hereford Farm, Gypsum, and was purchased by Hubert Redden, Gypsum, for \$405. This sale was managed by Elmore Stout, Cottonwood Falls. Col. Gene Watson was auctioneer.

The LAWRENCE HOOVER grade Holstein sale, at Junction City, October 14, attracted a crowd estimated at 300 people from over a wide area—35 head were sold and they all stayed in Kansas. Top cow sold for \$410 to Roland Jung-hams, Junction City. General average on all animals sold was \$200. The day was fair and offering was in good sale condition.

In sending in the sale report Mr. Hoover writes as follows: Consider we had a very good sale. We think some of the reasons we had such a large number of buyers from over such a large territory was due to an intense advertising program. We advertised in Kansas Farmer, also in all newspapers in the surrounding territory and over the radio. Some of the cattle went as far away as Hays. Fifteen cows averaged \$272; 8 bred heifers \$228 or an average of \$228 on 23 head. Average on the entire 35 lots was \$200 each. That included baby calves and all. We are very well pleased with the sale and think advertising, coupled with management of sale, paid off big. Auctioneers were Ross Schaulis and Foster Kretz, Clay Center.

WILLIS HUSTON, Americus, sold 56 registered Durocs on October 15. Twenty-four boars averaged \$57.70 with 22 gilts averaging \$70.68. W. Fred Bolt, Isabel, was buyer of high-selling boar at \$175 and the high-selling gilt at \$130. Boar was Lot 6 and gilt was Lot 12. Both were sired by Ohio Wavemaster. Offering was in nice condition but neither boars nor gilts had been pushed for extreme size for age. Buyers seemed to like them that way and the offering sold readily at prices that were satisfactory to this breeder. Several pigs of weanling age not cataloged, were sold and these sold up to \$37.50. Kansas buyers made the sale as they attended in person, bought 53 of the 56 head selling. Three head went to buyers from Alabama and Texas. Ohio Wavemaster was the sire of about 90 per cent of the offering. He is a littermate to the 1951 Ohio grand champion. Willis is now using Smooth Admiral 1949 Iowa junior champion, that sired the 1950 Iowa grand champion gilt and the 1951 Iowa reserve junior champion boar that sold for \$2,000. Bert Powell was auctioneer.

KANSAS STATE HOLSTEIN SALE was considered a successful sale with average of \$444.25 on 62 head consigned by 42 Kansas consignors. Top on females was a daughter of the former R. L. Evans & Son herd sire, Polytechnic Imperial Wayne, a 4-year-old; went to the Father Flanagan's Home also paid \$900 for the 6-year-old. Three other cows sold at \$900 or above. Jack Carlin obtained \$925 for his lovely daughter of his Willow Springs Prince Lad sire, from Robt. W. Adams, Broken Arrow, Okla. Father Flanagan's Home also paid \$900 for the 6-year-old cow, Mt. Joseph Billy Pauline, consigned by St. Joseph's Home Farm, Abilene. Another animal to reach the \$900 figure was the cow, Ormsby Forbes Cascader Prudence, consigned by Francis Wempe, Lawrence, and purchased by C. S. Huber Jr., Skiatook, Okla.

Fifth highest-selling animal was the yearling, Thonyma Lassie Delight, consigned by the Reeds Farm Dairy, Lyons, and sold to Wm. Bartholmew, Great Bend, at \$350. She had perhaps the greatest lifetime production pedigree of any animal ever sold in Kansas.

Buyers were from California, Colorado, Oklahoma, Texas, Nebraska and Kansas. Largest buyer was the City Park Farm Dairy, Denver, Colo., who took 7 head for a total of \$3,500.

Father Flanagan's Home, purchased 5 head including 2 of the tops for a total of \$3,360. C. S. Huber Jr., Skiatook, Okla., paid \$2,525 for 5 head. Robt. W. Adams, Broken Arrow, Okla., took 3 head, including the 2nd highest price animal, for a total of \$2,175.

Top in bull sale was \$775 paid by Floyd M. Withers, Pratt, for the son of Kansas' highest record cow, with 1,033 pounds fat. This promising herd sire was bred and consigned by the Beezley Holstein Farm, Girard. Second high bull was consigned by Ivan Strickler, Iola, and sold to Edwin H. Ohlde, Linn, at \$675. The 5 bulls consigned averaged \$477. In a special 4-H heifer calf sale preceding the regular sale, 11 heifer calves, all born after July 1, 1953, averaged \$138.50, with top heifer consigned by E. B. Regier, Whitewater, going to Jackie Lee Goering, Route 4, McPherson, at \$185.

Auctioneers were Bert Powell, Topeka; Horace Sharp, Herington; and Mike Wilson, Kansas Farmer livestock editor. Selection of cattle and arrangements were handled by the State Sale committee, with Roy Chamberlain, Olpe, chairman; Quentin J. Kubin, McPherson; and Leo H. Hostetler, Harper. In charge of arrangements for the parade and mixer held the evening prior to the sale were W. H. Mott, Herington, and Quentin Kubin, McPherson.

Public Sales of Livestock

Aberdeen-Angus Cattle

December 7—Annual Registered and Commercial Sale, Dodge City, Kan.
December 21—J. F. McKenny & Sons, King City, Mo. Sale at Maryville, Mo.
February 4—Penny & James, Hamilton, Mo.
J. B. McCorkle, Sales Manager, Smithville, Mo.
February 10—Chisholm Trail Angus Breeders, Caldwell, Kan.
March 26—Ed Polka, Riverton, Nebr. Sale at Franklin, Nebr.
March 29, 1954—Ericson-Thalman Davis, Hutchinson, Kan.

Hereford Cattle

December 12—Glenn I. Gibbs, Manchester, Kan. Sale at Clay Center, Kan.
December 16—Ballina Hereford Sale, Gene Sundgren, Sales Manager, Salina.
January 13—Willow Creek, Canton, Kan.
January 23—Walnut Valley Hereford Ranch, Waite Bros., Winfield, Kan.
January 30—NEK Hereford, Topeka, Kan.
February 3—Kaw Valley Hereford Sale, Manhattan, Kan.
February 4—Olivier Bros., Harper, Kan.
February 5—HG Herefords, Colby, Kan.
February 26—Sam Gibbs, Clay Center, Kan.
March 1—Marshall County, Marysville, Kan.
March 3—Great Plains Herefords, Hill City, Kan.

Polled Milking Shorthorn Cattle

December 7—Ben W. Lisenby, St. Joseph, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.

Polled Hereford Cattle

January 12—Golden Willow Ranch, Pittsburg, Kan. Sale at ranch south of Liberal, Mo.

Quarter Horses

December 15—Clarence Johnson, Manhattan, Kan.

Duroc Hogs

February 3—Kansas Duroc Breeders Association, Salina, Kan. Dean Bell, Secretary, Lebanon, Kan.

• AUCTIONEERS •



HAROLD TONN

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

BERT POWELL

AUCTIONEER
LIVESTOCK AND REAL ESTATE
1529 Flann Avenue Topeka, Kan.

HOGS

Bauer's Offer Poland Chinas

For sale — Service-age boars, bred gilts, fall weanling pigs, Nebraska grand champion breeding. Inquire of

BAUER BROTHERS, Gladstone, Nebraska

McKenny & Sons Angus Auction

Sale held in the 71 Sales Pavilion at the south edge of

Maryville, Missouri

Monday, December 21 — 12 Noon

70 LOTS SELL — OVER 100 HEAD

40 COWS WITH CALVES AT SIDE—Some calves will be sold separate from their dams. These calves are mostly sired by Homeplace Eileenmere 81st and Eileenmere 42nd. These cows are bred to Applewood Bardolier 47th and Eileenmere M 12th.

28 BRED HEIFERS—Mostly coming 2-year-olds. 13 of these heifers are bred to the 2-year-old bull we are selling. 15 heifers are bred to Applewood Bardolier 47th and Eileenmere M 112th.

Condition of Offering—The majority of the offering sells in pasture condition. 2 BULLS SELLING—A yearling and a 2-year-old. These bulls are suitable for registered herds. Both bulls sired by Homeplace Eileenmere 81st.

FAMILIES REPRESENTED—We are selling Maid of Bummers; Bandy Maid Miss Burgess; Witch of Endor; Juana, Enchantress and Eisa Ericas; Blackcaps and Prides.

HEALTH—All tested for Tb. and Bang's prior to sale.

For sale catalog write to

J. F. McKENNY & SONS, King City, Mo.

Auctioneers: Roy Johnston & Bill Hagel

Mark Dempsey with this Publication

BEN W. LISENBY

REGISTERED POLLED MILKING SHORTHORN COMPLETE DISPERSAL SALE

at the Purebred Livestock Sales Pavilion

South St. Joseph, Mo. — Monday, December 7

Time 1 P. M.

SELLING 75 HEAD

21 Cows, mostly all good ages, 11 two-year-old Bred Heifers, 8 Open Heifers, 10 Heifer Calves, 4 Yearling Bulls, 8 Bull Calves and 1 Herd Bull.

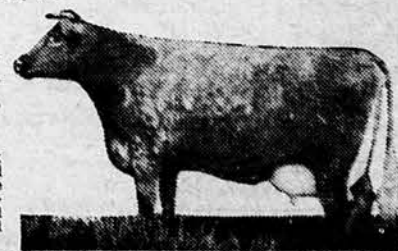
This registered herd bull is Meadowbrook Melody P 43692 calved 11-9-49. Bred by Richard Warner and George Shortle, Kakoma. His sire is Warner's Duke Supreme. The dam, a daughter of Meadowbrook Clay Boy 2nd. This bull is backed by an abundance of production and show ring winnings.

BLOODLINES REPRESENTED IN THE HERD—This herd carries the following bloodlines: Master Bell, Retnah Leader, Duke of Windsor, Woodside Peer, Bandmaster, Gelzers.

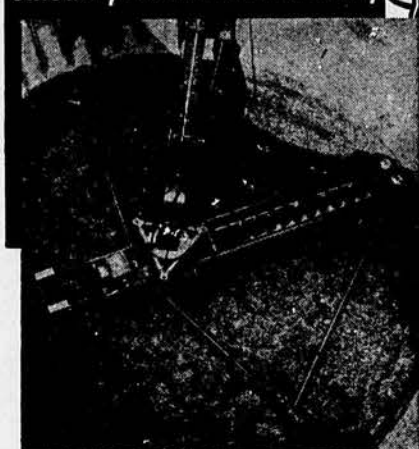
HEALTH—All cattle tested for Tb. and Bang's within 15 days of sale.

For further information write to

DONALD J. BOWMAN, Sales Manager and Auctioneer, HAMILTON, MO.



Now... there's a machine to
unload your silo mechanically



Twin Augers with dozens of sharp knives scarify silage and carry it to a rotary impeller, onto an endless belt conveyor, and out the silo chute in a steady stream.

See the VanDale TODAY!

the VanDale SILO UNLOADER

Delivers corn or grass silage—packed or frozen—in perfect feeding condition.

The VanDale cuts and chops the hardest packed or frozen silage and delivers it down your silo chute with just the flip of a switch. Now you can do away with one of your nastiest jobs and have extra time for other chores. The VanDale delivers perfectly scarified silage without lumps, chunks or pads... as fine as when first blown into the silo.

Fast
Efficient
Economical
Saves Time
Saves Work

Ask
for new
bulletin
SL-21

SALINA CONCRETE PRODUCTS, Inc.
1104 W. Ash, Salina, Kansas

FOR QUICKER CHEAPER GAINS

the year around install your

MIDSTATE Stock Waterer

NOW for positive ICE-FREE
watering all winter

• The Midstate self-filling waterer gives your cattle, sheep or hogs water warm enough to encourage drinking, even in the coldest weather. It adds pounds of beef, pork or milk the cheapest way — by providing plenty of drinkable water the year around.

- Economical electric heat—just a few cents for the coldest day
- Automatic thermostat temperature control
- Cool, fresh circulating water in summer
- Self-filling—never runs dry—never gets stale
- Models for cattle, sheep, hogs. Thousands now in use.

End your watering worries for good—install an automatic Midstate waterer NOW, while the weather is warm. See your dealer TODAY, or write for name of nearest dealer.

MIDSTATE MFG. CO. Room 7, 1131 So. Bannock
DENVER, COLORADO

Choice Dealer Openings Available . . . Write for Details

UNIVERSAL TRACTOR AXLE



VERY SHORT TURNING
CONVERTS ROW CROP TO WIDE FRONT
FAST!

- Quick, easy to install.
- Fits 24 tractor models.
- 30 day free trial
- Thousands now in use.

See your local implement dealer or write to:

C & M, INCORPORATED
Box 1255 Dept. 902 Fargo, N. D.

RELIABLE ADVERTISERS ONLY
ARE ACCEPTED
IN KANSAS FARMER

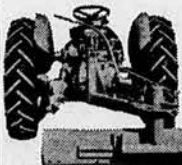
Now You Can Buy REAR END TERRACING BLADES

For all 3 pt. Linkage Tractors

AS LOW AS

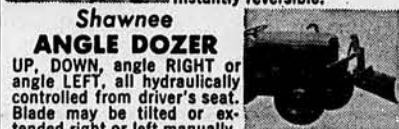
\$10500

FOB Topeka
(Model 100, not shown)



Shawnee model 100 offers 9 adjustments plus reversible positions. Mold board length 6 ft. height 15 in. Controlled from tractor seat. Fits all 3-point linkage, installed in a few minutes. Economy priced.

**Shawnee Model 200
REAR BLADE**
Exclusive all-position from driver's seat! Blade may be tilted or extended right or left manually. Ideal for 'V' ditches. Instantly reversible.



Shawnee
ANGLE DOZER
UP, DOWN, angle RIGHT or angle LEFT, all hydraulically controlled from driver's seat. Blade may be tilted or extended right or left manually.

Order From
SHAWNEE MFG. CO., INC.
1947 N. Topeka Topeka, Kansas

FREE LITERATURE



Any Dealer can order you an
OMAHA STANDARD BODY
or HOIST from any of
our Factory Branches.

**OMAHA
STANDARD
BODIES**

Write Direct to Factory, DEPT. 4
for FREE BODY & HOIST CATALOG!

OMAHA STANDARD
Factory and General Offices — 2401 W. Broadway — Council Bluffs, Iowa
DON'T BE CONFUSED — THERE'S ONLY ONE OMAHA STANDARD

BUY the BEST BODY at the BEST PRICE!

FOR OVER 20 YEARS THE TRUCKER'S STANDARD

- GRAIN TIGHT — BULL STRONG
- BUILT to outlast any truck — Take more road and load punishment
- SUPER-STRONG, Flexible hardwood body — Edge grain floor. No exposed nails.
- All lengths for all trucks

OFTEN COPIED —
NEVER EQUALED!

KANSAS CITY E. ST. LOUIS
Wichita South Omaha
Fargo Sioux City
Denver Billings
Idaho Falls Chicago

Why Scoop?
DUMP YOUR LOAD!
Omaha Standard
10 TON UNDERBODY HOIST
Mounts under all
bodies, 10' to
16', new
or used.



Now Let's See What Uncle Sam Has in His Grain Bins

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

VOLUME OF WHEAT owned October 15 by the Commodity Credit Corporation, 425 million bushels, plus the 350 million bushels under crop loans, totals up to the 775 million of carry-over estimated for next July 1, it is noted by Wayne Darrow in his *Washington Farmletter*.

Also looks like the biggest cotton loan program in history. Under loan end of first week in November, 2,973,869 bales, as against 166,175 a year earlier.

Grains under CCC loans as of October 15 all show substantial increases over the same date in 1952.

Wheat, 350,364,378 bushels, against 312,434,433 year ago; increase 37,929,945 bushels. Nearly 4 times as much soft red winter wheat—78.4 million bushels against 16.6 million.

Barley, 18,091,810, against 5,022,029 bushels in 1952.

Oats, 30,299,202 against 12,473,922.

Corn, 474,087 compared to 91,715 same period 1952.

Rye, 2,376,691 bushels against 100,652.

Grain sorghums, 6,044,298 compared to 646,516.

Flaxseed, 7,155,372 against 1,654,081.

Soybeans, 5,643,943 compared to 724,138.

The National Agricultural Advisory Commission has approved, at least in principle, a 2-price wheat plan; is reported considering a 2-price system for cotton. The Commission has approved in principle, program now being worked out in more detail, a corn plan previously approved by Secretary of Agriculture Ezra T. Benson's corn advisory committee.

Darrow's analysis of the corn plan follows:

1. Flexible corn price supports from 75 to 100 per cent modern parity, now \$1.58 a bushel (old parity, \$1.77).

2. Level of production that would result in 100 per cent parity support would be proclaimed before planting time; support rate to be set October 1, after crop is made.

3. Corn price support would be set at parity in years in which Department of Agriculture determines that total supply less a normal carryover will move into consumption at parity prices. This would include a determination that livestock and livestock product prices would be high enough to reflect parity for corn. For every 1 per cent above this figure support would be dropped 1 per cent, but never to go below 75 per cent of parity.

4. Support rate multiplied by production would always equal the same total dollars, whatever the rate. It is hoped to remove the present incentive to overproduce corn.

5. Carryover formula in present law would be raised to around 600 million bushels, instead of about 300 million, as now.

6. A top limit is contemplated to be set on Commodity Credit's end-of-year corn stocks. If over the limit, CCC would be required to sell the excess during the next marketing year thru private channels at support level.

7. When CCC has to sell surplus stocks, acreage allotments would be proclaimed for the next crop year. Size would be calculated to give a production that would move into consumption at the predetermined price support level.

8. Marketing quotas for corn would be ended (not effective anyway, as present law provides no penalty for exceeding quota).

It is believed to be a safe bet that while in Canada President Eisenhower was given a "briefing" by top Canadian officials on wheat.

Most serious are the implications in the proposed 2-price system for wheat;

under which U. S. producers would guaranteed parity (thru a certificate plan) for that part of their production sold domestically for human consumption, but that exported, or sold domestically for animal feed, would go whatever the market would pay.

The Canadian viewpoint is that the amounts to "dumping"; practical effect would be that the U. S. surplus production at low prices into export trade could be used by England, Canada's biggest and best market, to get lower prices on Canadian-produced wheat.

Also, and almost certainly, if this should happen, Canada would attempt retaliation by quotas or other restrictions against U. S. goods entering Canada.

At annual convention of the National Milk Producers Federation this month the Federation went on record in favor of a "self-help" plan for stabilizing dairy prices and handling surpluses will ask Congress to enact appropriate legislation.

The plan is outlined here by Charles W. Holman, re-elected secretary:

"Under the proposed legislative dairy farmers themselves would regulate their production to provide adequate supplies of milk and milk products, and assume the losses, if arising from the disposal of surplus production.

"It would involve setting up a mechanism administered by a board of chosen representatives of dairy farmers.

"Price supporting levels would be determined by the board, and price support purchases would be made during periods of seasonal or annual surpluses. Any losses sustained as a result of the purchase programs would be covered by assessments levied by the board of producers on the milk or butterfat sold by the individual farmer.

"The board would have broad power to acquire and dispose of dairy product inventories, but it would not be permitted to sell products on the domestic market at less than the support price figures.

"With respect to international trade government policy making body would retain complete freedom in the relationships with foreign countries. The program does not propose to restrict imports. (But) During periods of domestic surpluses, however, the government would be required to acquire from the board, and pay for, a volume of (U. S.) manufactured dairy products equivalent to the volume of imports.

"The plan further provides that any marketing year in which the dairy surpluses occur, and in which federal acreage allotment programs result in a diversion to dairying, the government shall acquire for disposal in other than domestic markets a volume of dairy products equivalent to the increased dairy production resulting from diverted acres."

New Contest Starts

Announcement is made of the \$7,000 Arc Welding Award Program by the James F. Lincoln Arc Welding Foundation, Cleveland, O. Rules booklet are available free by writing to the Foundation. High school students each year tell about arc welding projects on their farms, can win cash prizes themselves and their schools.

Paul Dahm Resigns

Resignation is announced at Kansas State College of Paul A. Dahm, professor of entomology and associate state entomologist, to accept a staff position at Iowa State College. He had done research on insect resistance and control on dairy cattle, houseflies, and cockroaches.

THE NATIONAL WEED CONFERENCE Is IMPORTANT To YOU

WE URGE YOU, if you have a weed problem of any kind, to visit the first National Weed Conference in Kansas City this coming week, December 8, 9, 10. Whether you need to eradicate weeds from a cultivated acreage or a telephone or railroad right-of-way, you will see exhibits of interest at the National Weed Conference in the Municipal Auditorium in Kansas City.

H. S. Blake
Henry Blake
President
Capper Publications, Inc.

So...
it's Important
to CAPPER PUBLICATIONS

Coast to Coast

Capper's Farmer has fired its consistent editorial guns at the Noxious Weed problem, with a total of more than 19½ pages devoted to this one subject the last three years. The influence, the amount of chemicals and mechanical control devices sold as a result of this kind of Capper's Farmer campaign can hardly be measured. For example, some 61% of the power sprayers on farms are in the Midwest where Capper's Farmer circulation is at its peak.

In The MIDWEST

two aggressive state farm papers and a regional radio station have done the same kind of hard-hitting editorial job of service in the campaign against weeds. Note these figures, typical of Capper Publications in action everywhere:

KANSAS FARMER

Over 15 Full Pages
on Weed Control

WIBW

Over 12 Quarter Hours
on Weed Control

MISSOURI RURALIST

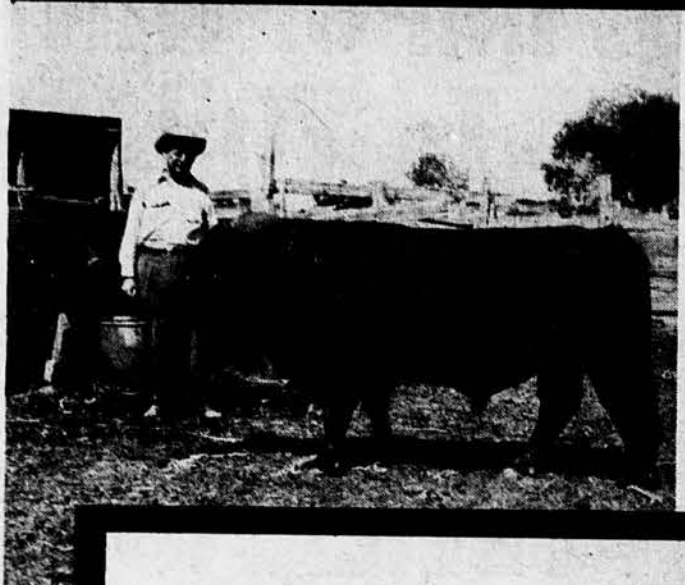
Over 15 Full Pages
on Weed Control

Plus special support of weed control schools and clinics at the county level, weed and brush control demonstrations, pasture management tours and demonstrations.

To the East, three other State Farm Papers, Michigan Farmer, Ohio Farmer and Pennsylvania Farmer serve the interests of farm people in those states. Regardless of where you live and farm or sell to the farmer, you'll find a Capper farm service publication on the job.

Friendly helpful influence the nation over—

CAPPER PUBLICATIONS, INC.
TOPEKA, KANSAS



Once he had to be a night-time farmer!

At left, Mr. J. U. Dennis of Memphis, Texas, as he stands near some of his 30 head of registered Angus—the pride of West Texas! At right, after a busy day he relaxes with his wife in the living room of their home.

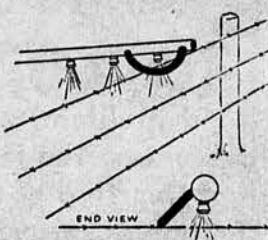
Today everything looks rosy to Mr. J. U. Dennis of Route 1, Memphis, Texas. Wasn't always that way though! From 1933 to 1937 he remembers he frequently had to plow at night to check the sand and save his crops when there was a high wind during the day—a wind could really make a lot of trouble in those times because of lengthy dry spells.

Mr. Dennis is a farmer, born and bred, and he has farmed in the Memphis area for 40 years. Today he cultivates 551 acres of good cotton and feed land—owns 30 head of registered Angus. His equipment consists of 2 tractors, 2 trucks, one combine, one cotton harvester, one feed mill, a pick-up and a car.

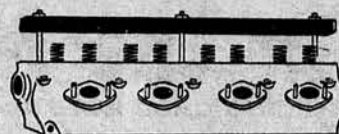
Mr. Dennis says "I'm a businessman like

anyone else and as far as my equipment is concerned—Conoco motor oil is the best protective insurance I can find. I've always used Conoco products in my equipment, and during the past five seasons of operation, I haven't spent one dime on motor repairs. That's good business!"

Yes, using the best, Conoco, sure pays off when it comes to keeping an engine in top-notch shape—keeping repair bills at an absolute minimum. It'll pay you to use Conoco Super Motor Oil, too. Why not make it a point to give your Conoco man a ring? He's got some solid proof that will convince you—Conoco lubricants are best for you and your equipment!



"In field spraying many times the last nozzle will catch over a wire fence thus damaging the boom. To prevent this," says Keith E. Gorn, RFD #3, Larned, Kansas, "we use a 12" curved 5/16 or 3/8 rod to extend a little in front and below nozzle as shown."



"A 2 x 2 the length of cylinder head, with holes bored to mate valve cover bolts," says Charles H. Aznoe, Brady, Montana, "makes the job of lifting and carrying a head much easier. Slip lifting piece over valve cover bolts and put nuts on."

Cold weather is tough on cars! But with Conoco Super Motor Oil in your crankcase you don't have to worry. Conoco Super, with patented Oil-Plating®, fastens a tough film of lubricant to moving engine parts. Result—cylinders, bearings and other parts stay "oil-plated," even when your car is not running. Thus you're sure of easier starting—engine wear is reduced. Here's extra proof of

Conoco's superiority! In a 50,000-mile road test, six stock cars were driven 70 days in a tough desert grind with 1,000-mile oil changes and proper filter service. At the test's end car engines delivered gas mileage 92.41% as good for the last 5,000 miles as for the first 5,000. And average wear on cylinders and crankshafts was less than 1/1000 of an inch!

Carrots and Onions Special

by Janet Asmus
Audubon, Iowa

SERVE HOT, SERVES 6

Slice 3 medium onions
Cook in 2 tablespoons
butter until onions are
yellow
Slice 8 medium carrots
Add to onion mixture
Pour 1 cup light cream over vegetables and cover with
a tight-fitting lid.
Simmer gently 20 minutes.
Season to taste with salt and pepper.



Send your favorite recipes to Mrs. Annie Lee Wheeler, Dept. E, Conoco Cafeteria, Ponca City, Oklahoma. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

Send your original ideas to The Tank Truck, Dept. E, Continental Oil Company, Ponca City, Oklahoma, and get a genuine \$10.25, D-15 Henry Dieston Hand Saw for every idea that's printed!



CONOCO

YOUR CONOCO MAN

Has a Full Line of Farm Products Including:

Conoco Super Gasoline with TCP*	Conoco HD Oil
Conoco Kerosene	Conoco Transmission Oil
Conoco Tractor Fuel	Conoco Pressure Lubricant
Conoco Diesel Fuel	Conoco Super Motor Oil
Conoco N-Tane Gasoline	Conoco Anti-Freezes

*Trademark Owned and Patent Applied for by Shell Oil Company

© 1952, CONTINENTAL OIL COMPANY