

Kansas Farmer



MASTITIS IS STILL the No. 1 disease for Kansas dairymen, causing as much damage as combined losses from tuberculosis and brucellosis, veterinarians say.

Mastitis Can Be Controlled or Prevented

Here is how—by 3-point program of good herd management, definite diagnosis and early treatment

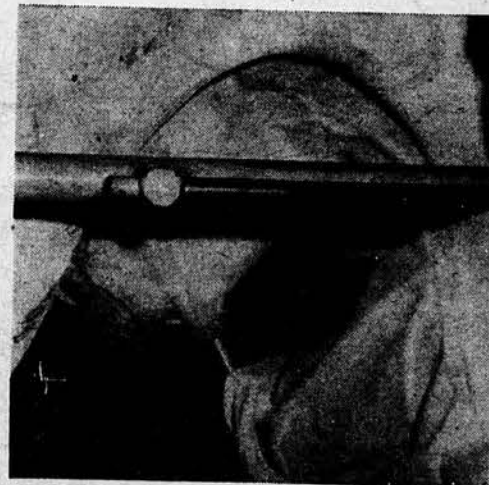
MASTITIS is the dairyman's dirge, say Kansas State College veterinarians. In a bulletin prepared by the college, they point out that mastitis losses in Kansas are equal to the combined losses to dairymen from brucellosis and tuberculosis. "But," they say, "mastitis can be

[Continued on Page 32]

WASHING UDDERS and teats with a sterilizing solution before milking is an important part of any mastitis control program.



TOO MUCH GRAIN aggravates mastitis conditions. Harold Goff, Riley county dairyman, cleared up trouble when he cut grain rations from 15 or 16 pounds daily as shown in pile at left, to 9 pounds as shown in pile at right.



AN EXPERIENCED milker can make early discovery of mastitis by quick examination of udders at milking time, say H. M. Chamney and Son, Douglas county.

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- **Caging Layers Means More Profit** Page 4
- **What's Going on in USDA** Pages 5 and 40
- **What We Know About Fertilizers** Page 8

How Much for Your Corn?



Get more from your grain through livestock and poultry!

BEEF ... at the Purina Research Farm, Gray Summit, Mo., steers returned \$2.39 a bushel for corn.

MILK ... On the Purina Dairy Program, corn can be sold as milk for up to \$6.72 a bushel.

EGGS ... Corn fed with Laying Chows should return up to \$3.43 a bushel on our Program.

TURKEYS ... Turkeys fed on the Purina Program will sell corn for up to \$3.23 a bushel.

Your corn can bring as much as \$3.48 a bushel (figured on only \$20.00 hog) if fed through hogs on the Purina Program. If you choose to sell your corn and take the government loan, then it's worth only \$1.58 a bushel ... so by feeding your corn through hogs on our program you may get more than double the support price for your corn! The opportunity for feeding hogs is extremely good. The corn-hog ratio (the amount of corn that 100 lbs. of pork will buy) is unusually high. Strong demand for pork and smaller hog numbers probably will keep hog prices high well into 1954, the experts say.

This is the sort of opportunity that "knocks" but once every few years ... take advantage of it NOW! Visit your Purina Dealer and ask him to tell you how to sell your corn for up to \$3.48 a bushel on the Purina Hog Program. Do it today!

HERE'S HOW IT FIGURES OUT on the Purina Hog Program

About 5 bushels of corn and 45 lbs. of Purina make 100 lbs. of pork.

WE FIGURE HOGS AT ONLY \$20.00

Selling price per 100 lbs. of pork equals	\$20.00
45 lbs. of Purina equals about	-2.61
Cash return for 5 bushels of corn	17.39
CASH RETURN PER BUSHEL	3.48

NOW YOU FIGURE IT AT TODAY'S PRICES!

Selling price per 100 lbs. pork (today's price) equals	_____
45 lbs. of Purina equals about	-\$2.61
Cash return for 5 bushels of corn	_____
CASH RETURN PER BUSHEL	_____

Opportunity is knocking at your feedlot gate ... take advantage of it today! See your Purina Dealer immediately.

TELL US WHY IT PAYS TO SELL YOUR GRAIN THROUGH HOGS ...

Enter this simple contest. ... Just complete this statement:

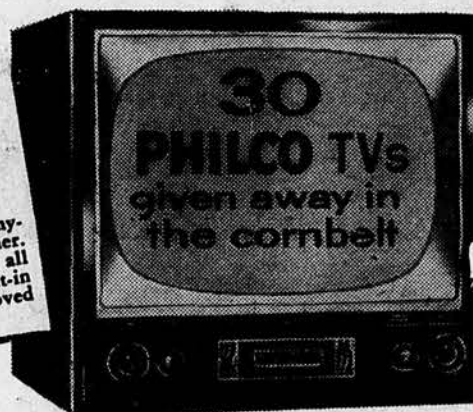
This is a good time to sell corn through hogs because ...

(COMPLETE IN 50 WORDS OR LESS)



**Try for one of these
21-INCH PHILCO TV SETS**
Model #2230-M21 complete
with all-channel tuner and built-in UHF-VHF aerial.

Winners in this contest will get beautiful mahogany-finished table model TV sets with all-channel tuner. Sets can be converted easily and cheaply to receive all UHF stations in any area when needed. The built-in aerial is specifically designed for UHF plus improved reception on VHF. Get your entry in now!



IT'S EASY ... NOTHING TO BUY! Contest Rules

1. Send entries to "Sell Your Corn for More" Contest, Ralston Purina Company, Checkerboard Square, St. Louis 2, Mo. The above statement must be completed in 50 words or less. Entrants with 30 best statements will be awarded a 21-inch Philco TV set, Model No. 2230-M21. (Does not include installation.)

2. Entries must be postmarked by midnight, December 15, 1953.

3. All entries must contain your name and address, and the name and address of your Purina Dealer.

4. Entries will be judged by a group of prominent Farm Paper editors on originality, soundness of reasons, personal feeding experiences, etc. Decision of the judges is final, and all entries and statements become the property of the Ralston Purina Company.

5. Winners will be notified through the local Purina Dealer as soon after

the contest closes at midnight, Dec. 15, as possible. Send in as many entries as you wish, but only one TV set will be awarded per family. Duplicate prizes will be awarded in case of "ties." Subject to all Federal and State laws.

6. Contest open to all United States readers of this publication actively engaged in raising livestock or poultry except employees (or their immediate families) of the Ralston Purina Company, its agents, or of Purina Dealers.



This "wedge-in-action" tire pulls better—wears better!

**TOUGH JOBS
PROVE IT!**

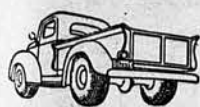


EXAMINE the world's most imitated farm tire—Goodyear's *straight-lug* SUPER-SURE-GRIP—and you will see ruler-straight lugs that come *closer together* at the shoulder. This produces the "wedge-in action" that holds soil in place like nothing else can—*grips* where other tires spin helplessly!

And such long, even wear! In the field or on the road, SUPER-SURE-GRIPS save you money every turn!

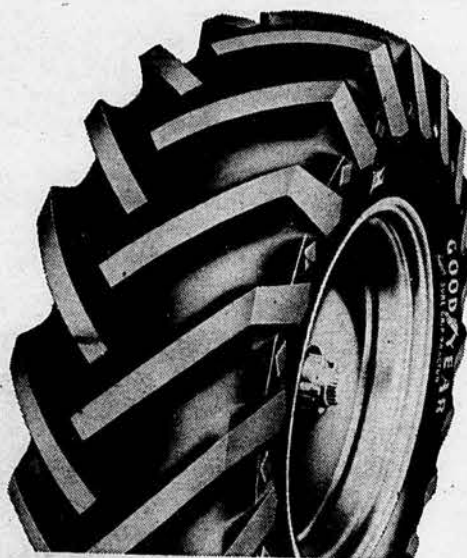
Small wonder that, year after year, more farmers surveyed prefer Goodyears than the next two makes put together!

If you have tough jobs on your farm—if you like to save money—see your helpful Goodyear dealer. Goodyear, Farm Tire Dept, Akron 16, Ohio.



THERE'S A SPECIALLY DESIGNED GOODYEAR TIRE FOR EACH VEHICLE ON THE FARM!

You'll save money, get better service from your truck, family car and farm implements—if you tire them all with Goodyears. That's why more people buy Goodyears, for more uses, than any other tires on earth!



WHAT TO LOOK FOR WHEN YOU BUY TRACTOR TIRES:



1. RULER-STRAIGHT LUGS come closer together at shoulders—and so take "wedge-in" bites that hold soil in place—to give Goodyear tires greater grip.



2. O-P-E-N C-E-N-T-E-R pioneered by Goodyear. Farm experience proves it bites deeper, sharper—pulls better—when combined with straight lugs!



3. LONG EVEN WEAR—because Goodyear straight lugs work against the soil evenly, they wear evenly, roll smoothly on the road, wear longer.

Super-Sure-Grip—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

FIRST in Traction • FIRST in Long Wear • FIRST in Popularity

GOODYEAR

Super-Sure-Grip Tractor Tires



"America's strength is in the land—Support your Soil Conservation Program"

We think you'll like "THE GREATEST STORY EVER TOLD"—every Sunday—ABC Radio Network—THE GOODYEAR TELEVISION PLAYHOUSE—every other Sunday—NBC TV Network



HENS ON WILL F. KASITZ farm, Harvey county, are kept in individual cages under a poultry management plan popular on the west and south coast. Here Mrs. Kasitz records the day's egg records on cards attached to cages.

CAGED HENS take about 15 per cent less feed and feeding is done at an easy no-stoop level. Cage floors are 30 inches above the concrete floor.



Caging Layers Means More Profit

By Dick Mann

WOULD YOU be willing to trade some extra work for more profits on your poultry flock? That's what Mr. and Mrs. Will F. Kasitz, of Harvey county, are doing.

This farm couple is taking care of a flock of 400 hens, each one in an individual cage. It is the first large-scale attempt in Kansas to han-

Here is first large-scale attempt in Kansas. Mrs. Will F. Kasitz, Harvey county, says, "You really don't know anything about poultry until you try this idea with hens."

dle layers on this kind of a management program, which has swept the west and southeast sections of the U. S. and is now being tried in Southeast Missouri.

According to M. A. Seaton, Kansas State College Extension poultry specialist, more than half the hens in California are kept in individual cages on special poultry farms having up to 50,000 hens.

The difference between this type of management in California and the South compared to Kansas is that in the other areas complete housing for the hens is not required. In most cases

just a roof supported by poles is all that is used. After personally studying the system used in California, Mr. and Mrs. Kasitz decided to try it on their Kansas farm, utilizing the laying house already there. It is a 20- by 50-foot Kansas strawloft-type house.

Most of the equipment being used is home made. A series of wooden props consisting of X-ed 2 by 4's support lines of cages, with cage floors 30 inches above the concrete floor of the poultry house. Each cage is 10 inches wide, 18 inches deep and 15 inches high. Each rack holds 2 lines of cages back-to-back with feed troughs running full length down the outside and a water trough in the center between the 2 lines of cages [Continued on Page 38]



FLOOR OF KASITZ laying house is cleaned with scraper daily and lime dusted just as dairy barn would be kept. Scraper is homemade by Mr. Kasitz.

EGGS ARE GATHERED 3 or 4 times daily in summer and taken to basement. They have been grading about 75 per cent large double-A and bring 10 to 12 cents premium per dozen.

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Kansas Farmer

News and Comment

Your Kansas State Fair A Very Successful Event

CONGRATULATIONS to the Kansas State Fair Board and Management for a well-rounded state fair at Hutchinson, September 20 to 25. Talking with exhibitors and visitors we heard appreciation expressed for a clean fair, for well-kept grounds, remarkably fine buildings and facilities for outstanding livestock and farm crops exhibits.

No one could go away feeling anything but pride for the productive ability of our state, and a deep sense of pride for the Kansas farm families who made the entire week's show a great success.

A Great Angus Show

Everyone was talking about the 80th Anniversary National Angus Show and Sale, certainly a highlight of fair week out in "The Cow Country" at Hutchinson. The huge barn where the famous black cattle were housed had plenty of visitors daily who spent more than ordinary time admiring the sleek animals. When sale time came arena seats were packed and many folks were standing to see the 65 head go under the hammer. Proving this an Angus state of importance, 34 Kansas herds were represented in the list of consignors. That is good publicity for Kansas as a livestock state.

Interest in Herefords and Shorthorns was as pronounced as ever. Looking them over we always are impressed with the refinement that has been made over the years, and with the patience and sincerity of purpose of the breeders. Their pride of accomplishment is well earned.

A much better than average dairy show, plus all you could ask for in swine and sheep pens proved again that the Wheat State is equally a livestock state. Perhaps you had forgotten, but 1952 and 1948 were the only years since 1924 that livestock income didn't exceed the income from wheat and all other crops in Kansas.

Top-Quality Crops Exhibits

But don't ever think wheat and corn and sorghums as well as other crops were slighted this year at Kansas State Fair. Having visited similar events in many states, we know our grain and hay exhibits are in the superior class.

While looking around Agricultural Hall at the fair we saw numerous reminders of why Kansas produces top-quality crops:

An Anderson county booth noted the key to increased yields and higher profits is the combination of soil testing and use of fertilizer. There were plenty of figures to prove the point.



"That's the one that didn't get away!"

Labette county boosted brome grass as a money-maker. In that county in 1949, only 3 farmers were growing brome—in 1953 this number had increased to more than 200. How do they produce it? Test soil and fertilize. Plow early in July. Prepare firm seedbed. Plant 20 pounds of seed per acre. Plant soon after August 20. Fertilize with nitrogen each spring. Use it for seed, beef, dairy, sheep production.

Those "Excess" Acres

Ellsworth county asked an interesting question: "What are you doing with excess acres?" Here is one answer from this county—1½ million dollars more net income with 15 per cent of crop acres in clover rotation." Labette county reports many farmers planting brome grass where wheat used to grow: Finds an acre of brome grass will produce as much butterfat as 5 acres of native pasture in a year.

Sedgwick county quoted 4 farmers to prove fertilizer pays on wheat, sweet clover, brome grass and corn. Franklin county urged selecting best varieties for adaptability. Osage county boosted soil testing. Jefferson, Ford, Ellis, Comanche, Marion and Reno emphasized wide diversification, with Sumner adding a successful "Balanced Farming" program. Ellsworth put in another idea that worked magic this year—irrigation. A neat demonstration proved how man-made rain can make the difference between a crop and failure.

Silage Is Worth Money

Kiowa county offered the practical information that farmers there find sorghums stored in the form of silage are like having money in the bank. To which Douglas county adds that the silo is drouth insurance: "Silage is worth 20 to 40 per cent as much as legume hay for dairy cows. It is worth 50 per cent as much as legume hay as a feed for beef cows."

Ottawa county had this message: "Brome, fescue, switch, buffalo, western wheat, sand love, Indian, bluestem: Grass, universal soil healer. Stop the rainwater where it falls. Retarded water runs down deep—decreases flood damage, increases fertility, stops soil loss."

Shawnee county featured alfalfa as green gold: "Alfalfa conserves soil, improves fertility, increases organic matter, doubles water-holding capacity."

Plenty of reminders of quality production in Kansas.

Questions of the week: "When will it rain? Wheat is in and needs it, or waiting for rain to seed." And, "Will the wheat allotment work?" Farmers we talked with are willing to give the Administration time to see what can be done with farm problems.

It was a magnificent Kansas State Fair with machinery on display, poultry galore, Future Farmers with quality exhibits, 4-H'ers in annual encampment, visiting school bands, grandstand entertainment. We hope you saw the whole show. If you couldn't be sure to mark Kansas State Fair on your "must do" list for next season.

Here's What's Going On in Department of Agriculture

WHAT IS THE U. S. Department of Agriculture doing for farmers? With 60 other farm paper editors from all over the United States, we spent several September days digging into this question in Washington, D. C., and at the



"Radio Announcer: Why were you silent for 5 minutes?"

"Saxophone Soloist: That was a request number."

"Mrs. Dr. Smith: My husband is trying to sell our farm."

"Mrs. Neighbor: Why?"

"Mrs. Dr. Smith: He says the outgo for the upkeep is too much for his income."

"My driving? Well, not so good today—took a turn for the worse!"

"These shirts are so strong they simply laugh at laundries."

"Yes, I know. Mine came back with their sides split."

"Buying Junior a bicycle may not improve his behavior much, but it'll spread it over a wider area in the neighborhood."

"It's a caution," said Uncle Ned. "We got more timesaving devices than you can shake a stick a stick at, but we got less time than ever before."

"Jim: I've been helping your father with his garden."

"Girl Friend: Oh, you're a hoe-beau."

Agricultural Research Center, a part of USDA, 15 miles away at Beltsville, Md. Don't miss either place when you go East.

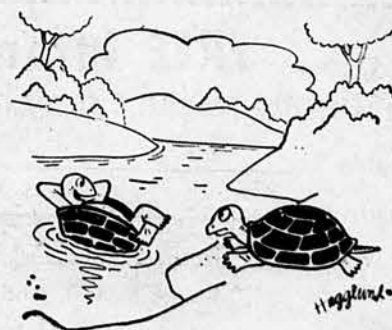
You will need a guide—we can tell you who to write for one—because you would get lost in the Washington buildings like we did. And the Research Farm or Center at Beltsville covers 11,000 acres. There are experimental pastures, ranges, orchards, gardens, fields for cultivated crops, timber stands, soil treatment plots, 2,000 employees including scientists in almost every phase of agriculture, 950 buildings including 58 laboratories, 31 greenhouses, 161 barns and storage buildings, 700 small-animal and poultry houses, shops, an apiary, a granary, among other things.

You Are Part Owner

By the way, you are part owner of all this big farm—taxes set it up and keep it operating. Spend some time there and we believe you will consider your money well invested. A review of what we saw and heard at Beltsville and in Washington will give you some idea of the answer to the question we asked at the beginning—"What is the U. S. Department of Agriculture doing for farmers?"

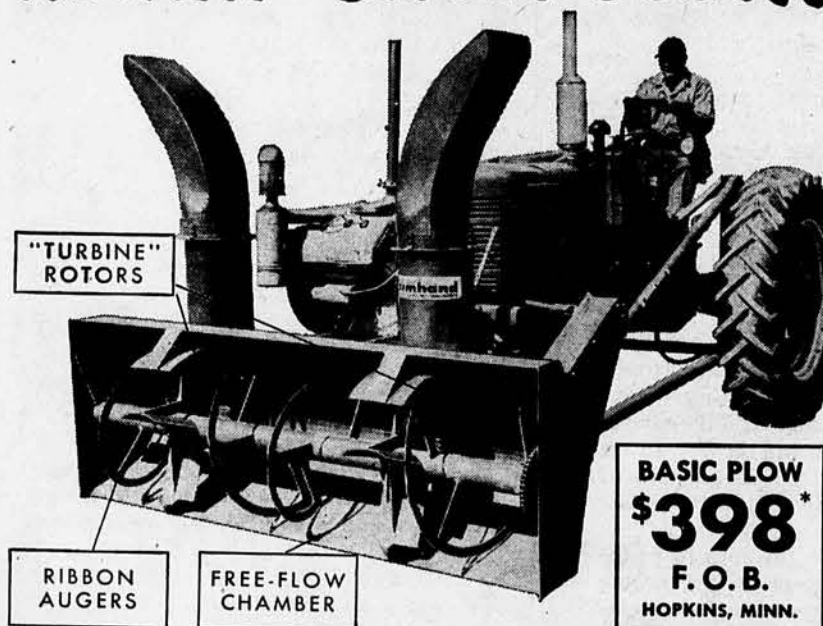
We Met the Secretary

A half-day scheduled with Secretary of Agriculture Ezra Taft Benson suddenly shrank to about an hour when the Secretary got a hurry-up call from President Eisenhower to meet him in Denver. But he [Continued on Page 40]

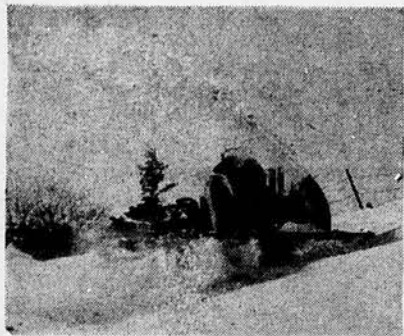


"This way it's twice as much fun!"

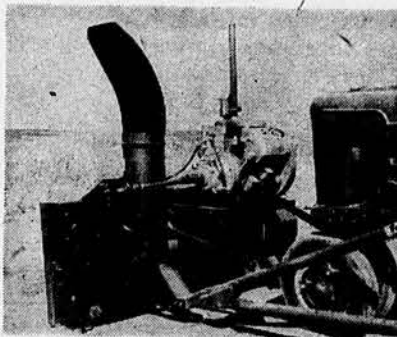
Here it is! Farmhand's new farm-size ROTARY SNOW PLOW!



FOR THE FIRST TIME a modern rotary snowplow priced to fit your budget. This new Farmhand Rotary ends forever the inconvenience and drudgery of digging out after a snowstorm. It handles all types of snow—frozen, wet or packed—with far greater efficiency, on less power, than any other rotary because of Farmhand's three exclusive features: *Ribbon augers* pulverize snow keeping it loose and free as they push it into the rotors. *Two turbine-type rotors* pitch snow instead of blowing it. This means smoother, more effective action on less power. *Free-flow chamber* simplifies snow movement. Augers are required to shift snow no more than 2 ft. into the path of the rotors, with no small openings through which snow must be forced. Rotor unit is balanced for smooth operation.



NO BANKS OF SNOW to push back or to cause drifting. The powerful rotors on the Farmhand pitch snow clear of the road—30 ft. and up. Clean design of chamber makes it easy to push into big banks. You clear an 8-ft. path, adequate clearance for rear wheels, right down to ground surface. Blower deflectors are adjustable to throw snow to either side.



EASY TO MOUNT on either Farmhand Heavy-Duty Loader or Standard Loader. Also available with auxiliary mounting for live-pulley tractors. Mounting brackets are provided for auxiliary engine where continuous power is not available. Plow attachment can be raised or lowered hydraulically to clear obstructions or for easy turning.

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Prices subject to change without notice.



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Roy Freeland Is President Of National Agricultural Group

ROY FREELAND, Kansas Secretary of Agriculture, was elected president of the National Association of Commissioners, Secretaries, and Directors of Agriculture at the annual meeting of the group in New York, October 1.

Other officers are Harold Hutton, of Oklahoma, vice-president; and Parke C. Brinkley, Virginia, secretary-treasurer.

Purpose of the association is to coordinate work of the 48 state departments of agriculture. Mr. Freeland currently also is president of the north central branch of the association, which is comprised of 13 of the Nation's richest food-producing states.

For the last 2 years, Mr. Freeland has been chairman of the marketing committee of the national association.

An important action of the group this week was a resolution urging that all federal activity pertaining to agricultural marketing be coordinated in one subdivision of the U. S. Department of Agriculture. The convention will meet in Minnesota next year.

No doubt you remember Roy Freeland formerly was assistant editor of *Kansas Farmer*. He is a Kansas farm



Roy Freeland

boy, graduated from Kansas State College, is making a real success as secretary of the Kansas State Board of Agriculture.

These Folks Won Dairy Contest Sponsored by Kansas Farmer

KANSAS DAIRYMEN won ribbons and \$240 in cash prizes in the *Kansas Farmer* Dairy Judging Contest, held in connection with Kansas State Fair, Hutchinson. Prizes went to high individuals and teams. Those competing had been chosen at their spring dairy shows. Winners, by breeds, at the state contest, were:

Holstein-Friesian

Chester DeWerff, Ellinwood, 1st; Vernon DeWerff, Ellinwood, 2nd; Lester Conner, Lyons, 3rd. Winning team was from West Central district.

Jersey

John Weir, Jr., Gueda Springs, 1st; Ray Smith, Hutchinson, 2nd; Hobart Campbell, Cleveland, 3rd. Winning team, South Central.

Guernsey

W. H. Bertholf, Wichita, 1st; H. H. Hiebert, Hillsboro, 2nd; Bill Ransom, Homewood, 3rd. Winning team, Southern Kansas.

Milking Shorthorn

John Yelek, Rexford, 1st; Mrs. Minor Stallard, Onaga, 2nd; Mrs. John Tate, Horton, 3rd. Winning team, South Central.

Brown Swiss

F. M. Webber, Kingman, 1st; Paul Timmons, Fredonia, 2nd; Ross Zimmerman, Abbyville, 3rd. High team, Canton 4.

Ayrshire

W. S. Watson, Hutchinson, 1st; James Kirchgassner, Larned, 2nd; Mrs. M. B. Dusenbury, Corbin, 3rd. High team, Central.

Name Sedgwick County For Soil Award

First place award among Kansas soil conservation service districts for outstanding work in 1953 goes to Sedgwick county. Sponsor of a national soil conservation award to top districts is the Goodyear Tire and Rubber Co.

Members of the district governing body in Sedgwick county and 3 outstanding farmers of the area were honored at a luncheon in Topeka October 6. In December the group will be guests with champions from other

states at Goodyear Farms, Litchfield Park, Ariz.

The 3 top farmers are Carl Gorges, Andale; William Bertholf, Wichita and Charles Leis, Viola. The governing body: Roger W. Lemon, chairman, Viola; R. L. Rich, Valley Center; Louis J. Sittler, Goddard; Lawrence Rittenour, Wichita, and John Farmer, Jr., Viola.

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, AND JULY 2, 1945 (Title 39, United States Code, Section 233) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF

Kansas Farmer, published semi-monthly at Topeka, Kansas, for October 1, 1953.
1. The names and addresses of the publisher, editor, managing editor, and business managers are:
Publisher.....H. S. Blake, Topeka, Kansas
Editor.....Raymond H. Gilkeson, Topeka, Kansas
Managing Editor.....Raymond H. Gilkeson, Topeka, Kansas
General Manager.....H. S. Blake, Topeka, Kansas
2. The owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual member, must be given.) Capper Publications, Inc., Topeka, Kansas; Arthur Capper Estate, H. S. Blake, Executor.
3. The known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: None.

4. Paragraphs 2 and 3 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting; also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner.

H. S. BLAKE, President and General Manager.
Sworn to and subscribed before me this 30th day of September, 1953. GERALD METSKER, Notary Public. (SEAL) (My commission expires August 26, 1954.)

KANSAS FARMER

Continuing Mail & Breeze

ARTHUR CAPPER...Publisher (1893-1951)

121-123 West 8th St. Topeka, Kansas

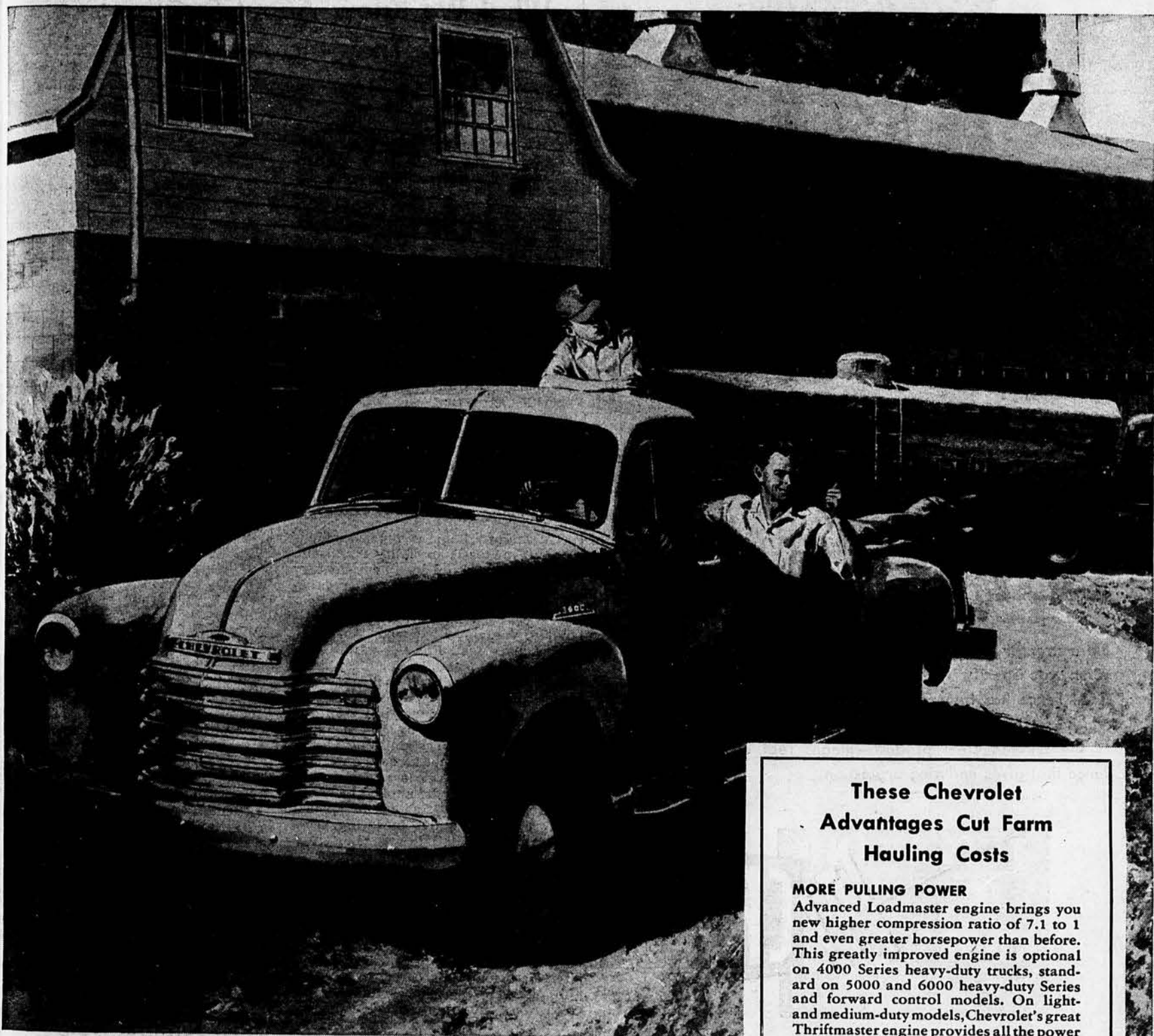
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Three years, \$1; one year, 50 cents. Copy 5c.



Here's why you can be sure you get *more for your money* with Chevrolet trucks!

There are lots of good reasons why you can be sure you get more for your money with Chevrolet trucks.

First off, there's the important fact that Chevrolet is America's first choice in trucks. Again this year—for the twelfth straight production year—more people are buying Chevrolet trucks than any other make. That includes people on farms and in cities, truck users in field after field.

Now, it stands to reason that all these folks buy, and keep on buying, Chevrolet trucks because they know they are getting more for their money. And this in itself confirms your good judgment in choosing Chevrolet.

But there are other reasons why you can be sure you're getting top value when you buy a Chevrolet truck. Take economy, for example. Chevrolet is famous for it.

Owner after owner will tell you that these great trucks cost less to run . . . less to maintain. And they'll tell you that Chevrolet trucks stand up longer on tough jobs, too—a mighty important point to consider in a truck for farm use.

Another important point is price. And here's where a Chevrolet truck starts saving you money the moment you buy it. For Chevrolet is the lowest priced truck line of all!

No other line of trucks offers so much . . . no other truck line is priced so low. That's why you're money ahead all ways with Chevrolet trucks.

Why not stop in and see your Chevrolet dealer soon. He'll gladly give you all the facts about the Chevrolet truck that suits your needs. . . . Chevrolet Division of General Motors, Detroit 2, Mich.

These Chevrolet Advantages Cut Farm Hauling Costs

MORE PULLING POWER

Advanced Loadmaster engine brings you new higher compression ratio of 7.1 to 1 and even greater horsepower than before. This greatly improved engine is optional on 4000 Series heavy-duty trucks, standard on 5000 and 6000 heavy-duty Series and forward control models. On light- and medium-duty models, Chevrolet's great Thriftmaster engine provides all the power you need with outstanding economy.

MORE STOPPING POWER

Big, powerful "Torque-Action" brakes both front and rear on all models up to 4000 Series heavy-duty trucks make full use of truck momentum for greater stopping power. Heavy-duty trucks in 4000, 5000, and 6000 heavy-duty Series use extra-large "Torque-Action" brakes in front, "Twin-Action" type in rear. Both types of brakes provide greater stopping power, greater durability.

MORE STAYING POWER

Heavier, stronger, more durable construction means greater ruggedness and stamina for all Chevrolet trucks. Long famous for handling the roughest jobs day in and day out, Chevrolet trucks are now brawnier, sturdier than ever.

MORE ECONOMY

The greater stamina of Chevrolet trucks, plus extra gasoline economy in heavy-duty models with improved Loadmaster engine, reduces hauling costs per ton-mile. You get greater over-all economy throughout long years of service.



MORE CHEVROLET TRUCKS IN USE THAN ANY OTHER MAKE!



CF&I FENCE

Extra strength, extra life and extra value—that's your bonus when you specify CF&I Fence. For over half a century CF&I Fence has been the choice of Western farmers and ranchers. They know that CF&I quality control—from ore to the finished steel product—means real economy with fence that gives enduring protection.



CF&I STEEL PRODUCTS FOR FARM AND RANCH

- | | |
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| • Welded Wire Corn Cribbing | • Fence Posts |
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| • Coil Springs | • Stucco Netting |
| • Barn Door Hardware | • Nails |
| • Welded Wire Concrete Reinforcement | • Hardware Cloth |
| • Poultry Fence and Netting | • Ornamental Fence |
| • Barbed Wire and Stays | • Flower Bed Border |
| • Woven Field Fence | • Gates and Accessories |
| | • V-Mesh Fence |

THE COLORADO FUEL AND IRON CORPORATION



Article No. 3 in 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 percentage of our farm production comes from fertilizer?

A. According to the U. S. Department of Agriculture, at least 25 per cent of our 1950 production could be attributed to fertilizer. About 22 per cent of our 1938 production was credited to fertilizer and it is estimated 16 per cent of our 1927 production came from fertilizer. With our ever-increasing population, all authorities agree that more and more of our total production must come from wise usage of commercial fertilizer.



M. H. McVikar

Q. What's a good fertilizer for the home garden or lawn?

A. Many reliable companies manufacture and sell specialty fertilizers. These generally give very satisfactory results. Other fertilizers such as 5-10-5 or 4-12-12 are also very satisfactory. On soils that have not been manured, use about 5 pounds for every 100 square feet. For the garden, it's best to broadcast the fertilizer after plowing but before disking. This method insures a fairly uniform distribution of the plant food thru the root zone. The same method of application is best when establishing a lawn. Of course, it cannot be used on established sod. Thus, it is recommended that the fertilizer be applied to lawns as a topdressing. It should be applied before growth starts in spring. This means either fall, late winter or early spring.

Q. Do commercial fertilizers contain any other plant foods in addition to nitrogen, phosphoric acid and potash?

A. Yes, indeed. Most of the common fertilizer materials carry, in addition to nitrogen, phosphorus and potash, other essential plant-food elements. There are 15 elements known to be demanded for normal plant growth and development. These are: carbon, hydrogen, oxygen, nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, manganese, boron, copper, zinc, iron and molybdenum. For example, superphosphate, in addition to supplying phosphoric acid, carries large quantities of both calcium and sulfur. Most

all fertilizer materials carry small quantities of the so-called trace elements.

Q. What are the secondary plant-food elements?

A. Secondary plant-food elements are calcium, magnesium and sulfur. Actually, plants use relatively large amounts of these secondary plant-foods. Needed calcium and magnesium are usually supplied in the form of agricultural lime. Dolomitic limestone supplies both. Sulfur, under certain soil conditions, is applied as elemental sulfur or as gypsum. As already pointed out, many commonly used fertilizer materials also provide large amounts of these secondary plant foods, especially calcium and sulfur. Sulpomag, a potash supplying material, also carries large quantities of water-soluble magnesium.

Q. Is animal manure a balanced fertilizer for most crops?

A. No. Animal manures are low in phosphoric acid. On the average, a ton of fresh manure contains 10 pounds of nitrogen, 5 pounds of phosphoric acid and 10 pounds of potash. Since a large proportion of the phosphoric acid is tied up by "soil fixation" manure does not contain the 3 primary plant foods in a balanced ratio. However, addition of 50 pounds of 20 per cent superphosphate or its equivalent to a ton of manure makes that ton of manure equivalent to 167 pounds of a 6-9-6.

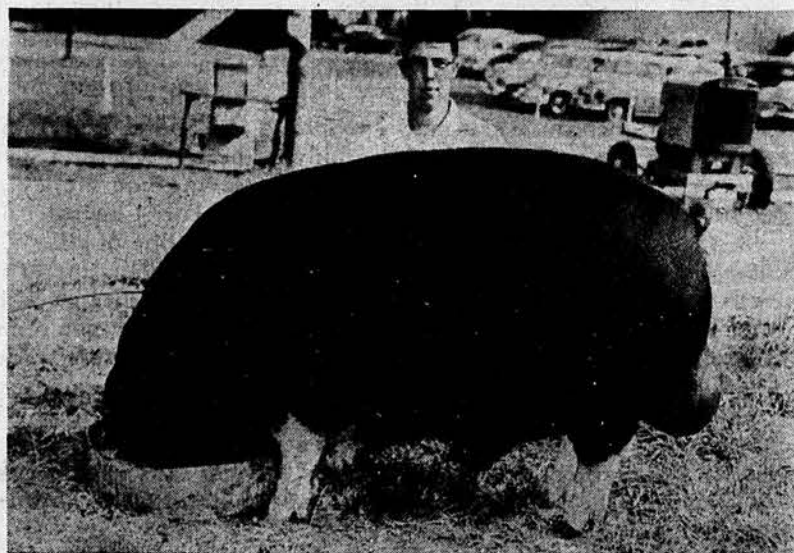
Q. How can superphosphate best be added to manure?

A. The most efficient way is to spread 1½ pounds of normal superphosphate, or its equivalent, for each cow or steer on the stable walks and in the gutters every day. Use ½ pound daily for each hog or sheep and 1 pound daily, spread on the droppings boards, for each 100 chickens. If the superphosphate is not used in the stable, it may be scattered on top of each spreader load before hauling to the field. With the normal load you should use 75 to 100 pounds of normal superphosphate.

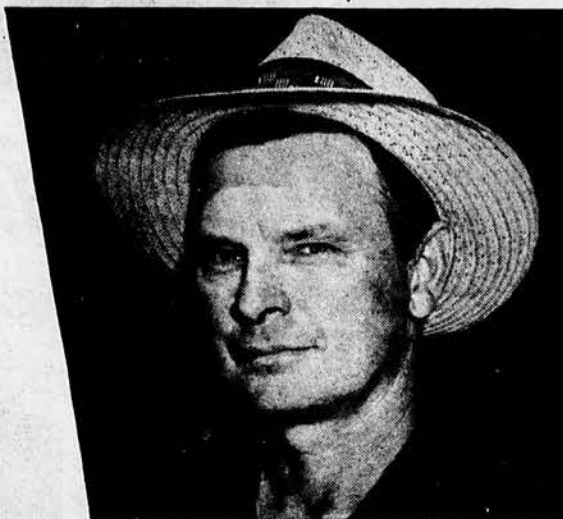
Order Fertilizer Now

To avoid bottlenecks in fertilizer deliveries next Spring, place your order now with your dealer, advises the Middle West Soil Improvement Committee, Chicago. Some who wait until the last minute get left out entirely and are denied increased production from effective use of fertilizers.

TWICE A GRAND CHAMPION



ANNIE'S PRINCE, grand champion Poland China boar at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka. Shown by Ray Saylor and Sons, LeCompton. Bill Saylor pictured.



"I've never failed to make a profit in the 5 years I've fed Nutrena Egg Feed. It's good to know I can depend on Nutrena to get my birds into high early production."

Edward Glastetter, Chaffee, Mo.

◀ The Luke Otto family, Lester Prairie, Minnesota (at left) switched to Nutrena Egg Feed 2 years ago. In first 30 days on Nutrena they got 30% more eggs. They've used Nutrena ever since.



"I have kept accurate records on egg production for several years. When I switched to Nutrena Egg Feed, I got 23% more eggs from 10% fewer birds than I had the year before. My feeding program and management were the same so I am convinced the feed made the difference. Nutrena Egg Feed is tops."

Mrs. Charles Land, Rt. 1, Indianola, Ill.

Nutrena guarantees:

Either 10% More Eggs Or Cash Instead

Sure-fire Way To Get Income From 10% More Eggs In Next 30 Days

Are you losing good egg money because your flock's egg production is not what it should be? Here is a guaranteed way to get the income from at least 10% more eggs.

Simply register with your Nutrena dealer and switch to Nutrena Egg Feed from any other brand. Follow the Nutrena feeding plan for just 30 days.

You must get either 10% more eggs than you got during the 30 days before you switched, or Nutrena will pay you cash for the difference at the current price for market eggs.

For example: if you were getting 100 doz. eggs, you should get 110 doz. eggs in the first 30 days after switching to Nutrena. But if you get only 105 dozen, Nutrena will pay you cash for the difference (5 dozen) at the current price for market eggs.

This cash-on-the-line guarantee is made simply to introduce you to the egg-making power of Nutrena Egg Feed. Many hundreds who have already switched to Nutrena found

it pays. Reports on 1121 flock owners who switched 2 years ago show they were *actually* averaging 34% more eggs after 30 days on Nutrena.

We don't claim everybody will get a 34% increase. In fact, it is even possible you may not get a 10% increase in egg production. But if you don't, you still get the income from 10% more eggs. So how can you lose?

The sooner you switch to Nutrena, the sooner you collect either 10% more eggs or cash instead for the difference. Either way, you win. And what a wonderful way to get started on this high-production egg feed.

Remember, this guarantee applies to flocks of all sizes, all ages, all breeds... regardless of present rate of production. Obviously, the guarantee cannot apply to diseased or moulting flocks.

Why not see your Nutrena dealer and switch to Nutrena. Then sign up for either 10% more eggs or cash instead in the next 30 days.



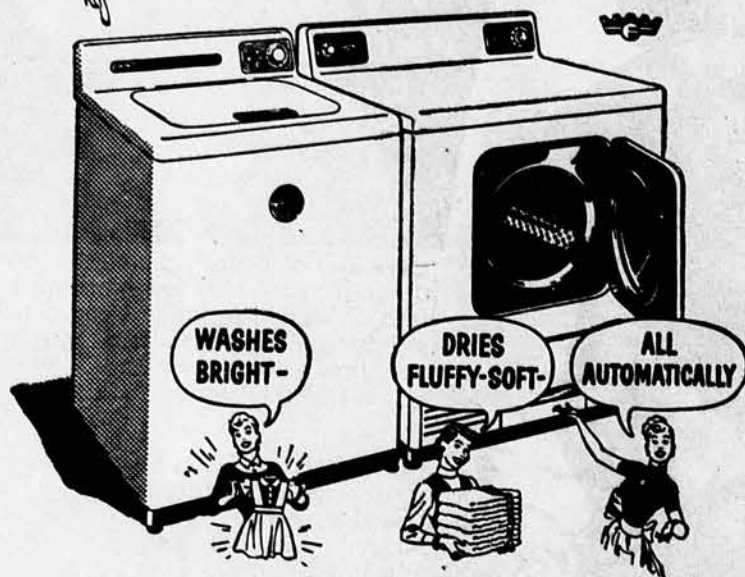
To become eligible for this "more eggs or cash" guarantee you must register with your Nutrena dealer when you switch to Nutrena Egg Feed (By Dec. 15, 1953). Why not do it today? (ADVT.)

Nutrena Mills, Inc., Minneapolis 15, Minn.

COME IN NOW!
SEE FOR
YOURSELF!



FRIGIDAIRE Porcelain Pair



AUTOMATIC WASHER

- Live-water Action
- Float-over Rinse
- Rapidry Spin
- All-Porcelain Finish

FILTRA-MATIC DRYER

- Porcelain tub and cabinet
- Lint and moisture automatically trapped

BUY THEM BOTH ON EASY MONTHLY TERMS

See Frigidaire Appliances At Any Of These Quality Dealers

ARILENE Shockey & Landes	ELKHART Ellis Motor Service	LAKIN Hart & Co.	PHILLIPSBURG Newell's Appl. Store
ALMA Hasenbank & LaMar	ELLIS O'Loughlin Motor Co.	LARNED A. A. Doerr Merc. Co.	PITTSBURG Rodkey's
ALTAMONT Holmes Hdw. Co.	ELLSWORTH Mills Furniture Store	LEBANON Lebanon Electric	PLAINVILLE Moshier Bros.
ANTHONY Wood Music Co.	EMPORIA Stephens Furniture Co. Inc.	LEHIGH Burkholder Lbr. Co.	PRAIRIE VIEW Prinsen Bros. Hdw.
ARGONIA Horton Furniture Co.	ESKRIDGE Willard Sales & Serv.	LENORA Eldridge Electrical Co.	PRATT Link Electric
ARKANSAS CITY Wright-Burton Hdw.	EUREKA Donnelly's Radio Electric Service	LEON Losh Motor Co.	PREEZY PRAIRIE General Appl. Store
ARLINGTON Fay's Sundries & Appl.	FALL RIVER Fall River Impl. Co.	LEOTI Western Hdw. & Sup.	QUINTER Quinter Appl. Store
ASHLAND Grimes Homegas, Inc.	FLORENCE Roberts Machinery Co.	LIBERAL Hettie's Appl. Co.	RILEY Meyer Mercantile
ATTICA K. E. Anthony Furn.	FORT SCOTT Darting & Maguire	LINCOLN B. G. Hall	RUSSELL Deines Bros.
AUGUSTA Coleman Gas Serv. Co.	FRANKFORD Lauer Electric Shop	LINCOLNVILLE Burkholder Lbr. Co.	ST. FRANCIS Griffin's Electric
AXTEL Both's Lock & Ap. Co.	FREDONIA Hollis Hardware Co.	LINDSBURG Billings Refrigeration & Elec. Appl.	ST. JOHN Abrahamson Appl.
BAXTER SPRINGS MBo Chew Drug Co.	FURLEY Boyd Implement Co.	LITTLE RIVER Hodgeson Impl. & Hdw.	ST. MARYS Youngkamps Furn.
BELLE PLAINE Foster Refrig. & Appl.	GARDEN CITY Mayo's	LURAY Hickman & Hampl	SALINA Goodhousekeepers Appl., Inc.
BELLEVIEW Barth Appl. Center	GARDEN PLAIN Erick Garage	LYONS Deardorff Furn. Co.	SATANTA Decker's
BELOIT Hiserote & Weir Appl.	GLASCO R. W. Cramer Hdw.	MACKSVILLE Brettenbach Appl.	SCANDIA Sanborn Lumber Co.
BENNINGTON Powell Service	GOODLAND D & G Electric Co.	MADISON Schottler's, Inc.	SCOTT CITY Bryans, Inc.
BENTON Moore Bros.	GREAT BEND Mathers-Jaeger Appl.	MANHATTAN Kup Furniture Co.	SEDAN Ding Bell Chevrolet
BLUE RAPIDS Brake's Furn. Store	GREENLEAF Hogan & Sons	MANKATO Beam Motor Co.	SHARON SPRINGS C. E. Moons & Son
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BUHLER Kim, Elliott & Gard	HAIRSTEAD Mantle's Dept. Store	MARYSVILLE Fred Burris	SPEARVILLE Heskamp Chev. Co.
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BURNS Lyons Supply Co.	HARPER Jess Hamilton	MEADE C. F. Worman Elec.	STERLING K-T Oil Station
BUSHTON Siemer's Service	HAYS Hays Music Co.	MEDICINE LODGE Dickey Appl. Co.	STOCKTON Quenzer Appl. Co.
CALDWELL Terwilliger Hardware	HEERINGTON Fred Lee & Sons	MENTOR Johnson's Hardware and Elevator	SYLVAN GROVE F. A. Gatewood & Sons
CANEY Pendleton Chev. Co.	HILL CITY Quenzer Appl. & Hdw.	MILTON VALLE Phelps Furn. Store	SYRACUSE Stewart Furniture
CAWKER CITY Riley-Rhoades Ap. Co.	HILLSBORO Loewen Radio Sales and Service	MINNEAPOLIS Horsner Hardware	TIMKEN Timken Lumber & Hardware Co.
CECILIA VALE Williams Motor Co.	HOISINGTON Geiman Appl. Co.	MORGANVILLE Will F. Fadden	TRIBUNE Western Hdw. & Motor Co.
CHANDLER Nash & Bolze Hdw.	HOLYWOOD Westmacott Hdw. Co.	MOUNDVIEW Krebsel Hdw. & Impl. Co., Inc.	TURON Turon Electrical Sup.
CHAPMAN Sanborn Lumber Co.	HOPE Wuthnow Furn. Co.	MOUNT HOPE Johnsmeier's	ULYSSES Ulysses Hardware
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CHETOPFA Blankenship Hardware	HOXIE H & K Appl. Co.	NASHVILLE Stewart Motor Co.	VALLEY CENTER Central Supply
CLAFIN J. W. Miller & Co.	HUGOTON Bob May Chevrolet Co.	NATOMA Pohman's Home Furn.	WAKEENY Clark Supply Co.
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COLDWATER Rural Gas & Elec. Co., Inc.	JUNCTION CITY Waters Appl. Store	ONAGA Teasendorf Furn. Co.	WICHITA Innes
COLUMBUS Brown Refrigeration Service	KENNINGTON Simmons-Oliff	OSBORNE Quenzer Appl. Co.	WILMORE Whitcomb Appl. Co.
CONCORDIA Oulbertson Elec. Co.	KINGMAN Kingman Radio Shop	OSWEGO Williamson Stores, Inc.	WILSON Weber Hardware
COTTONWOOD FALLS Hamm Electric Co.	KINLEY Kinley's Appl. Co.	OXFORD Donald Hardware Co.	WINFIELD Winfield Electric Co.
COUNCIL GROVE Simmons & White	KIOWA Fisher-Wood Hdw.	PEABODY Baker Furn. Store	YATES CENTER J. C. Schell
DIGHTON Mull Electric Service	LA CROSSE Leiker's Bonus Store		
DODGE CITY Newkirk's			
EL DORADO Home Appliances, Inc.			

Now That You Have Electricity

YOU CAN BUY an electric rotary tillage tool that is ideal for a nursery or garden or hothouse. Attachments permit you to trim a lawn, sand floors and polish or grind.

Television antennas can be a hazard, even a threat to life, unless certain precautions are heeded. The Association of Casualty and Surety Companies offers these pointers for safe installation:

1. The antenna mast should be so located that, if it swings or falls, it will not come in contact with electric wires. Allow about 8 feet more than the height of the mast as margin.

2. The antenna mast or tower should rest upon or be secured to a structure strong enough to carry the weight of the installation with allowances for wind, vibration and ice.

3. The mast should be securely anchored and should not lean from vertical.

4. Mast supports and guywire anchors should be secured in such a way that the supporting structure will not be damaged or weakened. On frame buildings the antenna support brackets should be fastened with lag screws or thru bolts.

5. Particular care should be taken with roof fastenings that may puncture the shingles and cause leaks, also with anchors secured in chimneys or masonry that may loosen the mortar. Fastenings in masonry should be in the brick or stone, never in the mortar joints.

6. Strengthen all antenna masts more than 10 feet tall with 3 equally spaced guywires of corrosion-resistant cable, such as stranded galvanized steel.

7. A lightning arrester, approved by the Underwriters Laboratories for TV leads, should be placed on each conductor of a ribbon lead. (Coaxial cable requires grounding of the outside metal sheath only.)

8. All metal masts or towers should be grounded by a conductor of suitable size. A No. 14 wire is sometimes used, but some authorities advise a No. 6 or No. 8 wire.

9. Installing, repairing or relocating TV antennas require special technical skill and knowledge, so the work should be done by competent technicians with the proper tools and equipment.

10. And annual inspection of anchor fittings, guys and connections by a qualified TV specialist will help to assure safe and efficient service from your antenna.

A back-to-school must—don't stint on study lights.

If you thought you had heard everything, now comes an electric jig saw. Using a stub blade, the versatile tool can cut most materials and can be mounted for bench work.

There is word of a portable electric posthole digger. The unit digs holes from 4 to 11 inches in diameter and 6 inches deep.

Winter is coming and purchase of electric heating equipment now is timely. Electric space heaters for hard-to-heat corners, and lineal heaters to prevent freeze-up of water pipes, pumps, roof valleys, eaves and house gutters (and to warm soil in spring) are things to think about and to look for when next in town.

Honor Former Kansan

A former Kansas poultryman, recognized as the industry's top authority on efficiency and labor-saving, is being honored nationally upon his retirement. G. T. Klein, University of Massachusetts Extension poultryman, is retiring after nearly 30 years of Extension work.

In 1941 he received Poultry Science Association's award for meritorious work in Extension and College poultry teaching, often called the most coveted award of the poultry profession. He is the author of several poultry husbandry books. After 8 years with Kansas State College he spent 19 years in Massachusetts. He also taught poultry at Carleton College, Farmington, Mo.

New Farm Editor

New Farm Editor of the Topeka Daily Capital is Dennis Murphy, of Des Moines, Ia. He is a graduate of Iowa State College, has done agricultural journalism work in his home state. Served in U. S. army 2 years.

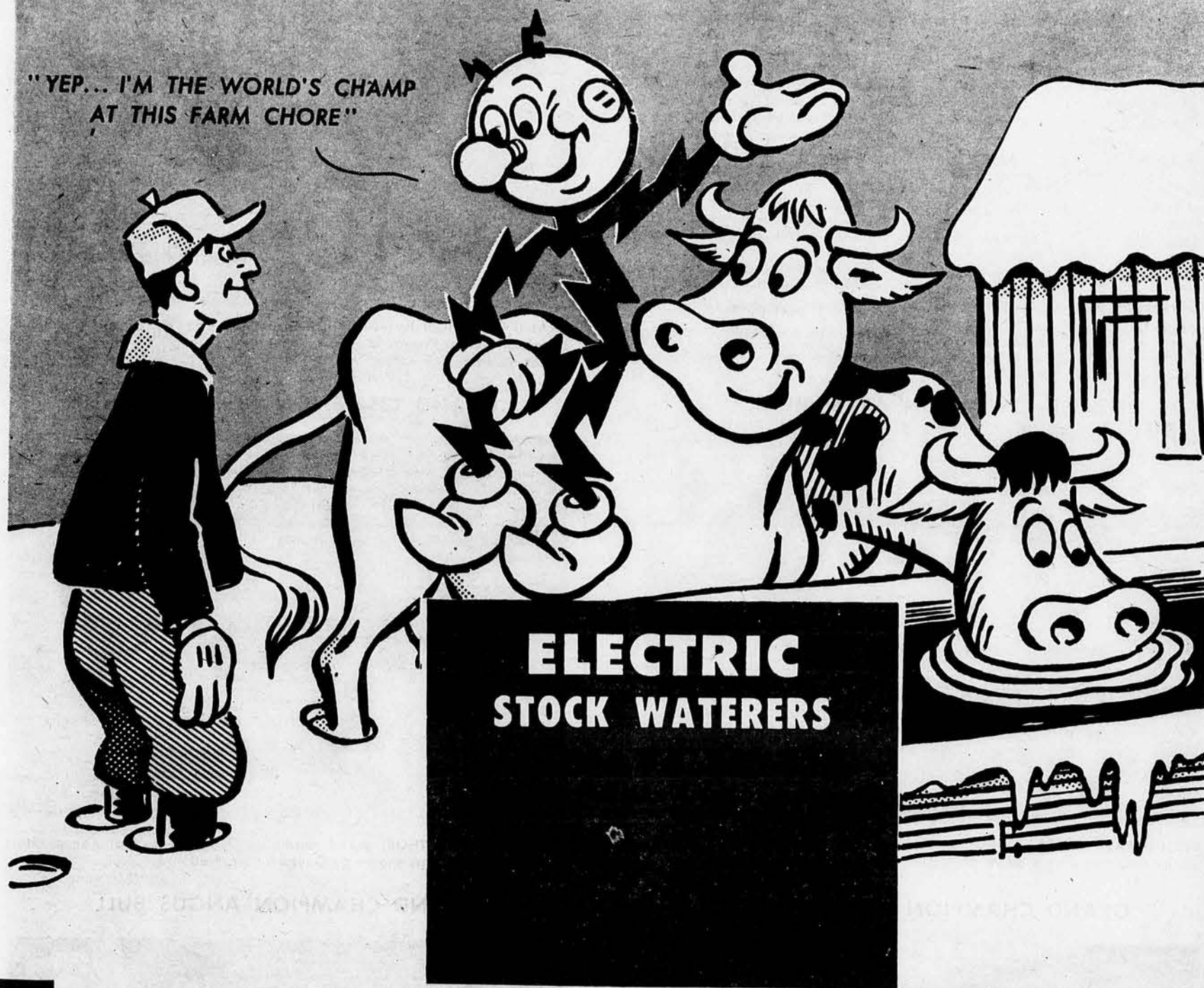
GRANDMA

By Charles Kuhn



"TEMPERATURE DOWN-PRODUCTION UP WHEN I KEEP YOUR STOCK DRINKING!"

"YEP... I'M THE WORLD'S CHAMP
AT THIS FARM CHORE"



**ELECTRIC
STOCK WATERERS**

EVERY farmer knows that his livestock suffers more from the lack of water than from the lack of food. That's why many of them have given Reddy the year-'round job of automatically watering their stock.

MILK COWS PRODUCE 20% MORE. Actual tests under varying conditions have proved that a ready supply of water increases milk production at least 10 to 20 percent. This can mean a big boost in cream checks for you.

STOCK GROWS FASTER. Hog and cattle raisers say they see marked gains in their stock when automatic, electric water heating devices replace time-wasting, undependable methods. That means your stock will get to market sooner!

HEALTH MEANS PROFIT. Clean, fresh water, the year 'round, means better health for your livestock . . . and more profit for you. An automatic stock waterer not only helps improve your profits, but saves you time, work and worry.

NOW'S THE TIME TO ACT! There is still time to install an electric waterer on your farm. Yes, now is the time to get ready for the long winter months ahead. See your farm equipment dealer today! If he does not have an electric stock waterer on hand he can get one for you in a jiffy!

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



Livestock Show at Kansas State Fair Outstanding; Here Are Top Winners

WHILE ATTENDANCE at Kansas State Fair, Hutchinson, was down this year from last, the fair was bigger and better than ever.

Especially impressive was the livestock show, which included 519 head of swine, nearly 600 beef animals, 500 dairy animals, 119 quarter horses and 263 sheep. The sheep show was rated the best this year west of the Mississippi river, and the wool show was said to be best ever held at the State Fair.

Feature attraction of the big livestock show, of course, was the National Aberdeen-Angus Show and Sale. More than 250 top Angus animals were shown by 57 breeders. Kansas was more than proud when champion bull honors of the show went to Kansas breeders, Simon Angus Farms, Madison, on Prince 105 of SAR.

Sixty head of the fine Aberdeen-Angus show cattle were sold following the national show for \$34,200. Fifty-five females, varying in age from cows to senior calves, averaged about \$580 and 5 bulls offered averaged \$477.

A Kansas-owned Kansas-purchased summer yearling heifer topped the sale when Maid of Bummers 363 of SAF, consigned by Simon Angus Farms, Madison, sold to Mr. and Mrs. Ben Carpenter, Garfield, for \$2,350. Second high also was a summer yearling, consigned by Creek Valley Farm, Fall River, and selling for \$1,475. High selling bull at \$675 was Prince of Orchard Hill 13th, consigned by McQuillan Angus Farm, Clearwater. Forty-five

of the 60 head sold went to Kansas buyers, who were as follows.

Mr. and Mrs. Ben Carpenter, Garfield; John Wagner, Abbyville; Lynn H. Hunt, Wellington; Harold Fountain, Penasola; Harry Hunt, Wellington; Elmer Dunn, Wichita; Forest Rogers, Wichita; Al Norquist, Abbyville; Herschell Janssen, Lorraine; Bar Kay Farm, Sterling; Paul Danielson, Marquette; Stanley Winchester, Hutchinson; George Warrick, Nickerson; Ralph Titus, Newton; Dr. A. C. Armistage, Hutchinson; Henry Guttridge & Son, Liberal; Harold Geiss & Son, Arnold; McCurry Brothers, Sedgwick; Locke Hershberger, Little River; John B. Dickey, Newton; Floyd Schraeder, Rush Center; N. H. Hunt, South Haven; John W. Braden, Hutchinson; Jimmy Yowell, McPherson.

All 105 counties of Kansas were represented in the 4-H contests and exhibits, and 94 counties had young people at the 4-H encampment during the fair, with as many turned away as could be accommodated. Size and quality of 4-H livestock breeding projects were very high. A new event for 4-H was a Share the Fun program, a talent contest. One of the winning acts will be sent to the 4-H Congress in Chicago this winter.

Results of the State Fair livestock and crop shows are as follows:

Beef Cattle

Aberdeen-Angus: Senior and grand champion bull, Simon Angus Farms, Madison, on Prince 105 of SAR; reserve senior, Angus

Valley Farm, Tulsa, on Black Knight 49 of AV; junior and reserve grand champion, Angus Valley Farm on Black Knight 95 of AC; reserve junior, Simon Angus Farms on Prince T 160 of ASF. Junior and grand champion female, Ralph L. Smith, Chillicothe, Mo., on Shadow Isle Black Jestress 2; senior and reserve grand champion, Shadow Isle Farm, Red Bank, N. J., on Elaine 3 of Shadow Isle; reserve senior, Penney & James, Hamilton, Mo., on Homeplace Elleenmere 17; reserve junior, Shadow Isle Farm on Elaine 12 of Shadow Isle.

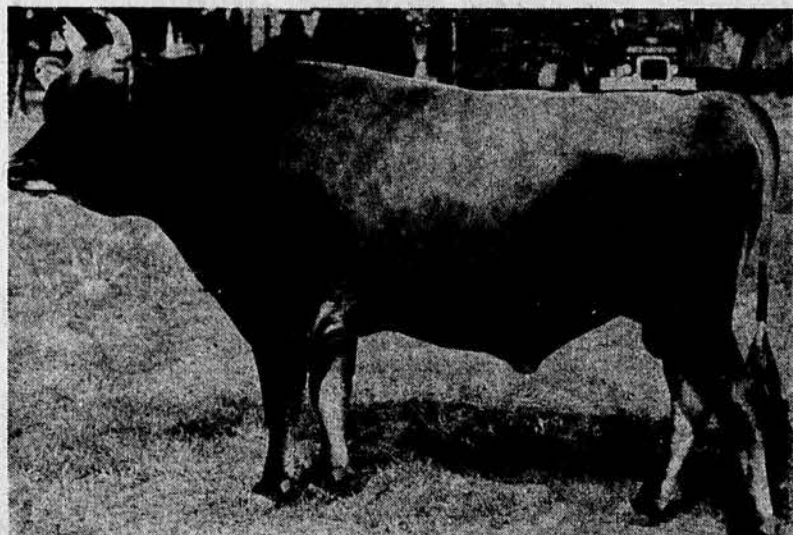
Hereford: Grand champion bull, John M. Lewis & Son, Larned, on Alf Battle Mixer 30; reserve, CK Ranch, Brookville, on CK Crusty J1. Grand champion female, Foster Farms, Rexford, on F F Proud Duchess 43; reserve, Lewis & Sons on Alf Lady Return 106. County group, Cocharne.

Shorthorn: Senior and grand champion bull, P. S. Miller, Castle Rock, Colo., on C E Gold Max 7th; reserve senior and reserve grand, William E. Thorne, Lancaster, on Rannock Memory; junior, Carl Retzlaff, Walton, Nebr., on Braemor President 9th; reserve junior, J. A. Collier, Fletcher, Okla., on Hallwood Magns Mercury 7th. Senior and grand champion female, H. P. Miller, Danvers, Ill., on Augusta Ella; junior and reserve grand, William Thorne, Lancaster, on Maud 4th; reserve senior, P. S. Miller on Mora Eliza; reserve junior, Carl Retzlaff on Augusta 148th. County group, Lincoln.

Red Poll: Senior and grand champion bull, Roy L. Mueller, Arlington, Minn., on Elgin-vue Rocket 2nd; junior champion, Roy L. Mueller on Hillcrest Batters. Senior and grand champion female, Mueller on Rose.

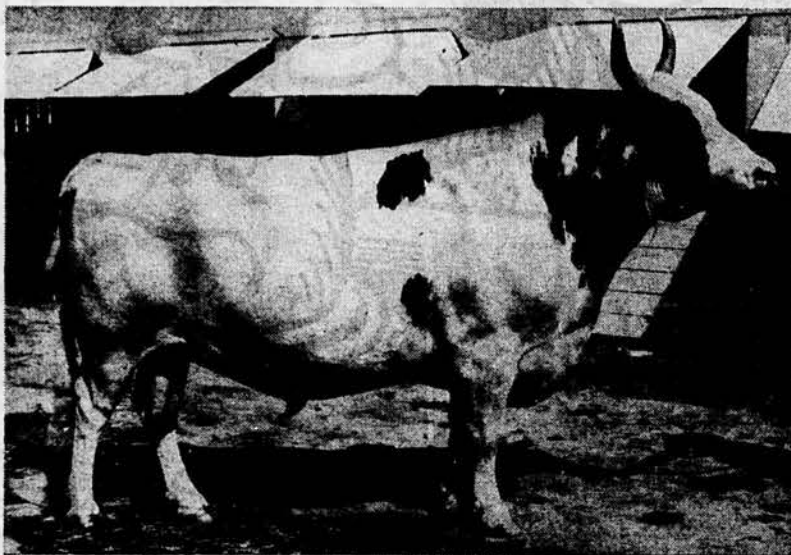
(Continued on Page 18)

GRAND CHAMPION JERSEY BULL



GRAND CHAMPION Jersey bull at Kansas State Fair, Hutchinson, and senior champion bull at Kansas Free Fair, Topeka, was Dynamo Prudent, shown by James Coleman, Arlington.

GRAND CHAMPION AYRSHIRE BULL



AYRLINE RARE MISTER, grand champion Ayrshire bull at Kansas State Fair, Hutchinson, was shown by W. S. Watson, Hutchinson.

GRAND CHAMPION GUERNSEY BULL



KAMONT ROSA'S THOR, grand champion Guernsey bull at Kansas State Fair, Hutchinson, was shown by Gaylord Post, Fredonia.

GRAND CHAMPION HEREFORD BULL



ALF BATTLE MIXER 30, grand champion Hereford bull at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka. Shown by John M. Lewis & Sons, Larned.

GRAND CHAMPION ANGUS BULL



GRAND CHAMPION Angus bull of the National Angus Show, at Hutchinson, and the Kansas Free Fair, Topeka, was Prince 105 of SAR, shown by Urban and John Simon, of Simon Angus Farm, Madison.

FRIEDMAN SHELBY WORK SHOES with Guaranteed Sweat-Resistant

BOL TAN[®] LEATHER Insoles

should give you up to

Twice the Wear

Just like finding an extra pair every time you buy work shoes built with *guaranteed* sweat-resistant *Bol Tan* leather insoles, shoes that should give you up to **TWICE THE WEAR!**

Let your dealer listed in this advertisement fit you with shoes that have the *Bol Tan* leather insole trade mark...and find out what this sweat-resistant leather insole can do for you.



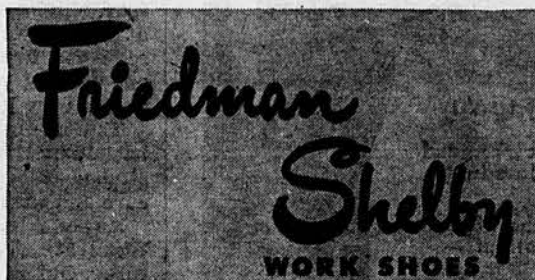
SEE THE DIFFERENCE!

These insoles are from a single pair of shoes worn 7 months under most severe sweating conditions. The one at the left is a *Bol Tan* leather insole, still soft and pliable as shown by the cut section lifted for inspection.

The other is a conventional leather insole, cracked, curled and saw-edged from perspiration attack. It's unfit for further wear! So make sure you have *Bol Tan* sweat-resistant leather insoles in the work shoes you buy.



BOL TAN leather insoles are SO GOOD we guarantee them.



Division of
INTERNATIONAL SHOE COMPANY
World's Largest Shoemakers • St. Louis 3, Missouri



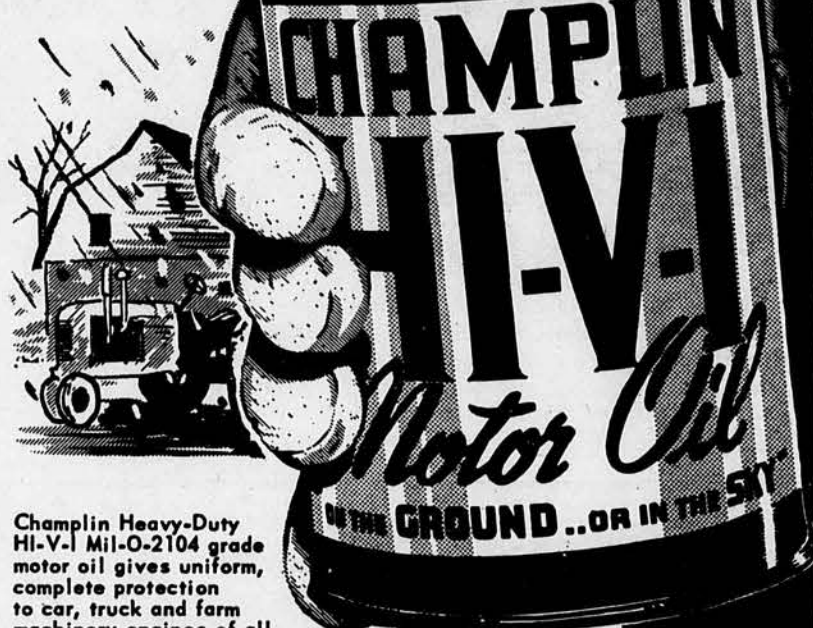
You can buy Friedman-Shelby work shoes with Bol Tan leather insoles at:

Abilene.....	Robbin's Shoe Store
Arkansas City.....	C. R. Anthony Co.
Chanute.....	Brady Shoe Store
Clay Center.....	Robbin's Shoe Store
Coffeyville.....	Family Shoe Store
Dodge City.....	Lloyd's Shoe Store
El Dorado.....	Lasater's Clo. Store
El Dorado.....	W. W. Virtue, Inc.
Elkhart.....	Smith's Federated Store
Ellis.....	Hillman Clo. Store
Garden City.....	C. R. Anthony Co.
Great Bend.....	Lloyd's Shoe Store
Hays.....	Schumacher Shoe Store
Hill City.....	Hillman Clo. Store
Holton.....	Lasater's Clo. Store
Winfield.....	C. R. Anthony Co.

Horton.....	Lasater's Clo. Store
Hutchinson.....	C. R. Anthony Co.
Liberal.....	C. R. Anthony Co.
Meade.....	Marrs & Twist
Medicine Lodge.....	Brooks-Spencer
Parsons.....	Family Shoe Store
Niss City.....	Brooks-Cooper
Salina.....	C. R. Anthony Co.
Stafford.....	Ontjes-Harrison
Ulyses.....	Smith's Dept. Store
Wakeeney.....	Hillman Clo. Store
Wamego.....	Knostman Clo. Store
Wichita.....	Beuttel's Clo. Store
Wichita.....	Calhoun's Dept. Store
Wichita.....	Lloyd's Shoe Store

Cold days ahead!

Time to get complete engine protection with...



Champlin Heavy-Duty HI-V-1 Mil-O-2104 grade motor oil gives uniform, complete protection to car, truck and farm machinery engines of all types. Recommended by the American Petroleum Institute for services MM-MS-DG, Heavy-Duty HI-V-1 protects engines from unnecessary wear, by neutralizing corrosive acids and dispersing carbon and sludge particles so that they cannot accumulate in hard deposits on the engine.

Ask for Heavy-Duty HI-V-1, in the can with the wide blue band...for complete cold-weather lubrication!

a product of
CHAMPLIN REFINING COMPANY
Enid Oklahoma

Miller

MODELS

61-F & 44

A.C. ARC WELDERS

Built to meet all R.E.A. and rural power system requirements, Model 61-F is in use in thousands of farms throughout the country... full Underwriters' Laboratory approval... comes complete—ready to begin work... no special electrodes... no carbon block starters needed... highest quality—low cost.

All outstanding construction principles of larger MILLER industrial welders in Model 44... two welding current ranges... for 115/230 volt power supply. Write for details.

MODEL 44

Miller ELECTRIC MANUFACTURING CO.
SINCE 1929 APPLETON • WISCONSIN

See Your Farm Implement Dealer Now!

IT'S EASY TO DO THOSE REPAIR JOBS YOURSELF

Thoughts TO LIVE BY

"Hang On"

WHAT DO YOU DO when the going gets tough? You can't always win. How do you react when defeat stares you in the face? Do you have patience and persistence to hold on when hope grows weak? If you are tempted now to give up on something worthwhile, consider the experiences of others.

"You are a genius when it comes to finding balls," he was told. It was profitable as well as pleasurable to play golf with Bob, for no matter whose ball got lost, he was invariably the one who found it. "No," he replied, "I am far from being a genius. I just look a few minutes longer than do the others."

Remember the story of the tortoise and the hare? The race doesn't always go to the swift. Altho he was greatly outdistanced, the turtle plodded on while the rabbit slept. And the turtle crossed the finish line ahead of the hare.

Several years ago, a football team was trailing by two touchdowns as it went into the fourth quarter. It looked pretty bad for the home team, but the players didn't give up. And in the final quarter, something happened to the visiting team. It wore out; morale sagged; it lost.

There are many illustrations of this kind. I once heard a man say victory went to the army that stayed on the battlefield five minutes longer than the enemy. It sounded like a pretty parcel of piety. It also sounded like the product of someone's imagination. But when I visited Stone

River battlefield and discovered the victory was credited to the army which suffered the greater number of casualties because it refused to retreat, because it held the field after the enemy left, then I came to see that pretty parcels of piety can be very true indeed.

Someone has said, "When you come to the end of your rope, tie a knot and hang on." That is much easier said than done, but don't forget that it figuratively expresses an act of desperation that has worked for others. Some people never begin to fight until their back is to the wall. Not so long ago, a story was published about a mouse that killed a rattlesnake. The mouse was meant for snake food, but the desperate mouse bit the snake and severed a vital nerve.

A meek little man was once asked "What are you, a man or a mouse?" He replied, "I wish I were a mouse. My wife is afraid of mice."

In many crucial situations, you like the mouse, will discover hidden powers you didn't know you possessed. And if you turn to God, you will be able to do things in his strength you never dreamed you could do in your own.

So, take new courage. Be like the stone mason who strikes the rock a hundred times without a crack appearing. But the one hundred and first blow splits it apart. You may be nearer to success than you realize. Keep agoin'. Hang on.

—Larry Schwarz

Can You "Head Off" A Cold?

By CHARLES H. LERRIGO, M. D.

ONE WILL GET you five! It is quite true, neighbor. One day of rest in bed at the very beginning of a cold will save you five working days (perhaps one will get you ten). But—it must be at the very beginning.

This assertion is dogmatic! But it is backed by the logic of those who have studied colds as to their cause, their cure and their contagion.

As to cause: Sitting in a draft? Wet feet? Sudden change of temperature? Out in a soaking rain? A long ride on a cold day? No good doctor refuses to give credit to such causes. But he will tell you they are "contributing causes." The real responsibility for colds is an exceedingly small virus; so small it cannot be identified by the microscope. But it does seem that such conditions as lower your resistance create an opportunity which the ever-present germ seizes. Thus you have a combination in which faulty hygiene permits bacterial invasion and hence comes your cold. Let it be known, furthermore, that in seasons when "bad colds" are epidemic the best of hygiene does not prove a safeguard. So, to put it in simple words: Colds are catching; and the readiest catch is by mixing with coughing, sneezing people.

What good is this "one day in bed?" It is a safeguard. The acute, contagious cold attacks the body sharply and brings fever. A day in bed helps your forces of resistance to rally. Quite often it should be 2 days. Then with temperature at normal you are fit for your work; not likely to develop one of the many "run into" complications. Furthermore, you are less obnoxious

in mingling with friends and associates, for the first day of a cold is the time of greatest spread of infection.

What about "cold shots?" Despite the fact many persons used to credit them as miracles of magic, scientific investigation, with "controls" arranged, show them to be of little value.

Old time recipes, such as whisky and rock candy, salts of various kinds, a brisk purge, quinine? The answer is "No." Then, there are people who take vitamins to prevent colds. They win sometimes; but only with the rare individual who happens to have a genuine vitamin deficiency.

Good hygiene: On general principles, he who follows a system of hygiene to prevent colds does have some success. Such a person is likely to safeguard himself in various ways. He protects himself by changing from wet to dry clothing; by dressing for protection against severe weather; by giving his body more fuel in severe weather than pursuing a hygienic diet; giving himself sufficient sleep; washing before handling food; and exercising much caution as to coughing, sneezing individuals who should be kept at a distance.

To this I add: If you do "catch cold," for your own sake or that of your family, take one day surely (2 preferably) for seclusion in bed.

Thank You

I enjoy *Kansas Farmer* very much.—Mrs. Otis Becker, Rice Co.

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THIS NEW 1953 FORD is your best Pickup buy! In town jobs, and masters them faster. And that low loading height ... just over 2 feet ... makes every job easier!

Only Ford gives you new Driverized Cabs ...and choice of V-8 or Six!

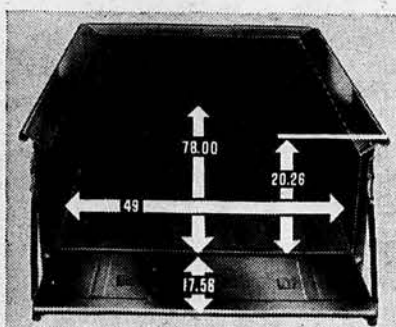
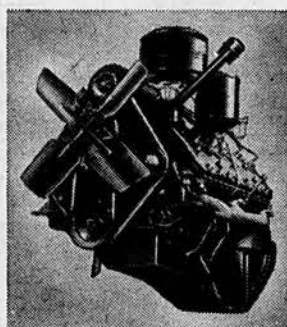
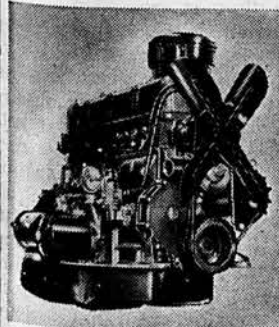
The '53 Ford Pickup doesn't hide its light under a bushel basket.

It's got power, and you know it, the instant you nudge the gas pedal. Whether your choice is V-8 or Six, you can feel a mighty surge of power on the getaway ... you can sense the power safety reserve when you're rolling. That's the kind of power that saves time by getting jobs done fast. That's the kind of power that saves money, too, because at ordinary

speeds, engine strain is less, gas mileage is higher.

The '53 Ford Pickup has comfort, and you know it, the instant you slide behind the wheel. No other truck gives you such a combination of DRIVERIZED CAB conveniences in the world's most comfortable cab, plus the handling ease of finger-tip Synchro-Silent shifting, and short-turn set-back front axles.

See your Ford Dealer today!



CHOICE of V-8 or 6-cylinder truck engines. New, ultra-modern, Low-FRICTION design in the 101-horsepower overhead-valve *Cost Clipper* Six cuts down on "power waste," delivers more usable power to the wheels. Short-stroke design reduces piston travel 18%. Ford's world-famous 106-horsepower Truck V-8 ... world's most powerful engine in Pickups ... is the most service-proved engine in trucking today.

ONE of the biggest Pickup boxes in half-ton field gives you 45 cu. ft. of payload space—no wheelhouse obstruction. New, stronger clamp-tight tailgate.

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DRIVERIZED CABS are designed with living-room comfort to cut driver fatigue. DRIVERIZED DELUXE CAB shown offers 16 custom features at slight extra cost.

FORD ECONOMY TRUCKS

SAVE TIME • SAVE MONEY • LAST LONGER



Almost unknown 20 years ago, fertilizer dealers today are leaders in many communities. They often are asked for advice on farm problems.

Meet the man who can help you
beat the "Cost-Price Squeeze":

Your Fertilizer Dealer

HOW well do you know the fertilizer dealer in your community? It pays to visit him often because he can help you beat the "cost-price squeeze" in all these ways:

1. Soil testing. Working with your county agent, he can advise you on procedure for taking a soil test.

2. Recommended grades. He can supply you with all grades of fertilizer recommended for your farm area.



3. Application. He can tell you how your fertilizer should be applied—depending upon your equipment.



4. Fertilizer library. In his store you'll find the latest information on fertilizer for any crop you raise.



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Dwight Hull SAYS...

Now Is Time to Act in Milk Price War

MANY DAIRYMEN are asking what is the answer to the deplorable "milk price cutting" situation that has developed in many Kansas localities during the last few weeks. There is a very grave reason why every dairyman should be vitally concerned. Under present-day costs, milk simply cannot be produced and sold for prices no greater than prices received 25 and 30 years ago. If this price situation spreads to a large area of Kansas and continues for any length of time, many dairymen will be forced to liquidate their herds and possibly face bankruptcy. It's a situation no one would want to develop.

We are inclined to believe the situation is not as serious as one would be led to think by the numerous rumors sweeping the country, such as stores giving away 2 quarts of milk to each customer. People have a tendency to become panicky in a time of crisis. There are many charges and countercharges as to who is to blame for the so-called milk price war. Regardless of who is to blame, some good could be salvaged providing "thinking dairymen" do something.

When we first heard of the sudden drastic drop in the retail price of milk, we were amazed. Many dairymen were

more or less laughing up their sleeve as this was the first time there had been a milk price war when the producer had not taken a cut. However, serious consideration of the situation would reveal, sooner or later, the producer would have to pay the bill.

History is now repeating itself. A great many of us can remember when ever a surplus of milk developed, no matter how slight, someone decided the way out was to cut the price. The next day other producers or processors met the price. The war was on. And no war was ever started without someone getting hurt.

Dairymen had warning the present situation might develop almost a year ago, when milk surpluses began to show up. We think it is pretty generally agreed by economists and others in position to know that the cause of our surplus is largely due to the fact that (because of the low prices offered for meat animals) practically every dairyman retained for milking purposes 2 or 3 cows they normally would cull from their herds. Result was average daily production per producer since about a year ago was increased about 60 pounds over his last year's production.

(Continued on Page 17)

GRAND CHAMPION DUROC FEMALE



SWEET LASSIE, grand champion Duroc female at Kansas State Fair, Hutchinson, was shown by Vern Hardenburger, Narka.

GRAND CHAMPION HEREFORD FEMALE



F. F. PROUD DUCHESS 43, grand champion Hereford female at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka, was shown by Foster Farms, Rexford.

tion. This isn't much, but it's enough to tip the scales to a surplus production. Then dairymen began to realize a surplus of milk was developing; they became increasingly interested in increasing consumption of milk products thru advertising. As a result much progress has been accomplished. It is our opinion that if a realistic advertising program had been started 5 years ago, we would not have a surplus of milk and thus no price war.

We believe milk price wars can be prevented by dairymen. Certainly the present situation proves dairymen must be concerned with selling their product as well as producing. I do not mean by this dairymen need to go into the business of selling milk. What we need is a strong state-wide dairymen's organization, one that embraces all dairymen regardless of breed of cattle they milk or how or to whom they sell their product. Such an organization should be well organized from the county level on up with good, capable dairymen representing the local units on a state level. The state organization would need a capable, full-time employee to be used as directed by the Board of Directors of the state organization. Thru such an organization, dairymen could have first-hand, reliable information on the dairy situation at all times, and would have the effect of working in unison, rather than groups going in own direction.

MARKETING VIEWPOINT

By LEONARD W. SCHRUBEN

Would you please comment on probable price trends of soybeans? Will grain sorghum prices continue downward?—N. W.

No one can forecast prices and be right all the time. This is especially true for the soybeans and meals. So my answer is an opinion and is based upon the best information available.

Soybean prices are expected to decline during the next 3 to 5 weeks. The odds are 8 to 2 that this harvest-period weakness will be followed by steady rising prices and that next January soybean prices will average from 20 to 30 cents above those during mid-October. Much, of course, depends upon the finishing of this year's crop. Prospects are for a somewhat smaller crop than usual according to government reports and this factor is important in the current situation.

Grain sorghum prices are doing flip-flops, but except for a period of strength in July and August have been on the down trend since January. The bottom of this trend should be reached by mid-November. Sorghum grains compete with corn as a livestock feed. They were overpriced early this year relative to their feeding value and are now underpriced by about 50 cents per hundred. So, either corn prices will decline or grain sorghum prices will advance. If this adjustment doesn't come shortly, livestock feeders would reduce costs by buying milo.

Some farmers might find it profitable to sell their corn and buy milo to feed. I understand some milo is being sold in Kansas for \$2 a hundred and has only 7 per cent moisture. On this basis, corn of ordinary quality would be worth only \$1.10 to \$1.20 per bushel as livestock feed. Have you seen Kansas Agricultural Experiment Station Circular 299 entitled "Grain Substitution in Feeding Livestock"?

Be a Safe Driver!

All of us can be better drivers, for safety of ourselves and others. For tips and reminders, read "Kansas Driving Handbook," prepared by Kansas Highway Patrol and issued thru courtesy of Kansas Highway Commission. Write to Farm Service Editor, Kansas Farmer, Topeka, Kan. No charge.

GOOCH YOUR DAIRY COWS TO HIGHER MILK PRODUCTION....



Get Greater Feed Value Out of Roughage with *Feeder-Proved* GOOCH'S BEST 18% "DAIRY DEW" with GBA-50 (GOOCH'S BACTERIA ACTIVATOR)

Roughage is the backbone of your dairy ration. Hay, pasture crops, fodders, and silage are necessary to profitable operation. But roughage alone won't supply all the nutrients needed for top milk production.

GOOCH'S BEST "Dairy Dew" is the balanced feed that supplements roughage to give your cows a completely balanced dairy ration. And "Dairy Dew" contains GBA-50

—Gooch's Bacteria Activator. The fiber of roughage fed cows can only be digested by bacteria in the paunch. If these bacteria are not fed properly the digestion and utilization of roughage decreases. GBA-50 is the combination of nutrients which provide proper nutrition to the paunch bacteria thus increasing digestibility and utilization of roughage fed. Without maximum digestion of roughage your cows will not reach efficient top production.

Step up your Profits with these 3 BIG ADVANTAGES...

NEW PELLETED FORM:

Better because: (1) cows get all the ration all the time—no chance to pick and choose; (2) ingredients are finely ground for more efficient digestion; (3) no dusty material to "gum up" in mouth and decrease consumption; (4) packed in rodent-repellent paper bags that mean cleaner feed; (5) pellets are easier to measure and feed; (6) feed won't cake in bag; (7) highly palatable; (8) molasses is uniformly mixed throughout ground feed, rather than whole grains coated—prevents excessive drying out and loss of palatability; (9) handy weight 50-lb. bags.

EXCLUSIVE GBA-50

Gooch's Bacteria Activator: Vital nutrients which stimulate rumen micro-organisms to greater activity in breaking down fiber from hay, silage, etc., into usable meat-and-milk-making-nutrients. GBA-50 gives you greater efficiency of utilization of your roughages. Dairy Dew with GBA-50 makes it possible for your cows to get up to 25% more milk making nutrients from your home-grown roughages.

DAIRY DEW Is a Balanced Ration

It is carefully formulated to provide starch and sugar for meeting energy requirements, proteins from several sources to properly supplement your roughage, a high carotene (vitamin A) level, calcium, phosphorus and salt balanced for heavy milk production, trace minerals, and a high quality cane molasses that insures palatability. Thus your cows get the nutrients not adequately supplied by roughage.

HERE'S HOW TO FEED "DAIRY DEW"

Best results will be secured with GOOCH'S BEST 18% "Dairy Dew" when fed with one of the following systems of management.

1. For cows in milk which are fed at least 1 pound of mixed legume and grass hay per 100 lbs. live weight in addition to corn or sorghum silage, corn or sorghum fodder or other grass roughage.
2. For cows in milk which are on fair pasture.
3. For dry cows fed grass roughage.
4. For heifers over 6 months old, when only about 1/4 of the roughage is legume hay. Complete feeding instructions are included in every bag.

The following feeding schedule should be a helpful guide.

LBS. OF "DAIRY DEW" TO FEED DAILY

DAILY PRODUCTION	HOLSTEINS, BROWN SWISS AYRSHIRES & SHORTHORNS	GUERNSEYS JERSEYS
1 gallon	1	2 1/2
2 gallons	3	5 3/4
3 gallons	6 1/2	9 3/4
4 gallons	9 3/4	14
5 gallons	13	18



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All Gooch's Feeds are Feeder-Proved. GOOCH'S BEST "Dairy Dew" has been exhaustively tested on our own experimental farm—as well as on thousands of farms like yours—under all conditions and feeding programs.

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- 4-Way's handy bucket for loading cobs, gravel, sand or feed.



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loads, stacks, pushes, and lifts
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UP TO 27 FEET**

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Livestock Show at Kansas State Fair

(Continued from Page 12)

Blossom Advancer; junior, Mueller on Elginview Rose Bud 2nd.

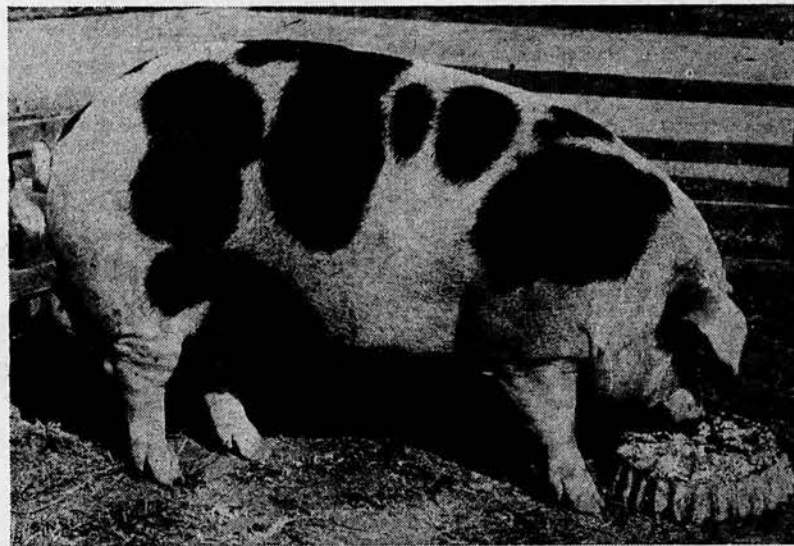
Dairy Cattle

Ayrshire: Junior champion bull, W. S. Watson, Hutchinson, and Flickner Brothers, Moundridge, on Ayr-Line Modish Guy; reserve junior champion, Watson on Ayr-Line Gay Goss; senior and grand champion, Watson on Ayr-Line Rare Mister; reserve senior, E. Wayne Anderson on Wyngates Mabel Tradition Imp; reserve grand, Watson and Flickner Brothers on Ayr-Line Modish Guy. Junior champion female, Watson on Ayr-Line Modish Hanna; reserve, Watson on Ayr-Line Modish Galety; sen-

lor and grand champion, Chester Unruh, Hillsboro, on Chet-Ayr Special Laura; reserve senior and reserve grand, Watson on Ayr-Line Royal Girl. District herd, Central Kansas.

(Continued on Page 19)

GRAND CHAMPION SPOTTED POLAND



TOP CHARM, grand champion Spotted Poland boar at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka, was shown by H. J. McKeever, Mahaska.

GRAND CHAMPION HAMPSHIRE BOAR



SASNAK, grand champion Hampshire boar at Kansas State Fair, Hutchinson, was shown by Billy E. Pittman, Udall.

GRAND CHAMPION CHESTER WHITE BOAR



AUBURNDALE SILVERMINE, grand champion Chester White boar at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka. Shown by Lloyd Cole, Auburn.

ve, W. H. Bertholf & Sons, Wichita, on
Bertholf's V. R. Raphael; senior and grand
champion female, Herman Schrag on Mea-
wark Acme's Pet; reserve senior and
and, Maynard Kiesling on Cardinal Sue
Nimble Lane. Kansas regional herd,
Southern Kansas.

Jersey: Junior and reserve champion bull,
John Weir, Jr., Geuda Springs, on Com-
mando Standard Bob; reserve junior, James
Leman, Arlington, on Commando Observer
d; senior and grand champion, James
Leman on Dynamo Prudent; reserve sen-
ior, A. L. Miller, Partridge, on Golden Pre-
mier Supply. Junior champion female, John
Weir, Jr., on Rosary Basious Benny; re-
serve, James E. Berry, Ottawa, on Charla
sign Sharon; senior and grand champion
male, John Weir, Jr., on Advancer Record
chess; reserve senior and grand, George
Atkeson, Manhattan, on Willynx Spark-
Mary Lea. Kansas Parish herd, South
entral.

Brown Swiss: Junior and reserve grand
champion bull, Roy Webber, Kingman, on
Fairie View Lota's Dusty; reserve junior,
Peter Peterson, Jr., Falun, on Prairie
ew Improver's Indian; senior champion,
A. Biddle, Colorado, on Marie's Wasco B;
erve senior and grand champion, Biddle
Happy Ours Vernon's Count. Junior
champion female, Chester Peterson, Jr., on
oky View Spook; reserve, Biddle on
away; senior and grand champion, Bid-
on Daisy Mre of Meadow Green; re-
ve senior and grand, Fred L. Sussex,
Colorado, on Bonnie's Haven Lily.

Holstein-Friesian: Junior champion bull,
ernation Farms, Carnation, Wash., on Car-
tion Northman; reserve, Carnation, on
ernation Madcap Sarge; senior and grand,
ernation on Hallrose Hazel Price; reserve
lor, Grover G. Meyer & Son, Basehor, on
ringrock Don Lad Starlight; reserve
and, Carnation on Carnation Northman.
Junior champion female, Phillips Brothers,
nhattan, on Valla Vista Rhoda Carey;
erve, Heersche Brothers, Mulvane, on
ersche Beauty Susan; senior and grand
champion, Heersche Brothers on Heersche
kadot Carey; reserve senior and grand,
A. Dawdy, Salina, on Meierkord Nether-
d Triune Fancy. Kansas district herd,
rgie Kubin.

Milking Shorthorn: Junior and grand
champion bull, Loewen Brothers, Hillsboro,
Theisco Jeans Count; reserve junior,
nn Tate, Horton, on Spring Hill Ike;
lor and reserve grand champion, R. B.
lson, Hutchinson, on Ty Farms Lord
rquis; reserve senior, Raymond Lind-
m, Windom, on Kenton President. Jun-
champion female, Delaine Hinkle, Pow-
tan, on Elknih Trixie Ann; reserve, C. C.
wis, Cullison, on Pilot Knob Alice; sen-
and grand champion, Delaine Hinkle on
knih Emma Marie; reserve senior and
and, Delbert Heidebrecht, Inman, on
tnuh Bartford Bessie 4th. Kansas district
rd, Northee, Kansas.

Swine

Duroc: Junior boar, Vern Hardenburger,
rka; senior and grand champion, W. F.
rrall, Tulsa, Okla. Junior and grand
champion sow, Hardenburger; senior sow,
ayne Davis, Mahaska.

PIC: Junior boar, W. H. Dellenbaugh,
rwich; senior and grand champion boar,
rnon Zimmerman, Inman; junior sow,
rmerman; senior and grand champion
y, Zimmerman.

Yorkshire: Junior and grand champion
ar, Ralph Schulte, Little River; senior
ar, Schulte. Junior and grand champion
w, Schulte; senior sow, Charles Becker,
rker City.

Spotted Poland China: Junior boar, Wayne
vis, Mahaska, on Top Kick; senior and
and champion, H. J. McKeever, Mahaska,
Top Charm. Junior and grand champion
w, Davis on Lady Blender; senior sow,
Keever on Style Miss.

Berkshire: Junior boar, senior boar,
and champion boar, Ediger Brothers, Buh-
Junior and grand champion sow, Ediger
others; senior sow, W. H. Petersille, Ness
y.

Hampshire: Junior boar, Theo Binderup,
bbon, Nebr.; senior and grand champion,
ly Pittman, Udall. Senior and grand
champion sow, Billy Pittman; junior sow,
nderup.

Poland China: Junior boar, C. R. Rowe
d Sons, Scranton; senior and grand cham-
n, Ray Saylor & Son and Daughter, Le-
npton. Junior sow, Rowe; senior and
and, Ray Saylor.

Chester White: Lloyd Cole, Auburn, had
lor, senior and grand champion boars
d junior, senior and grand champion
s.

Hereford: Harold Wayne Wineinger, Nor-
ch, had junior, senior and grand cham-
n boars and junior and grand champion
s.

Market barrow: Champion pen 3 barrows,
gle ownership (211-275 lbs.), Melvin
anke, Bushton; champion (150-210 lbs.)
row, Theo Binderup, Gibbon, Nebr.;
champion (211-275 lbs.) barrow, Walter
he, Ness City; grand champion barrow,
nderup. Grand champion pen 3 barrows,
gle ownership, Sidney C. Johnson & Son,
mestown.

Sheep

Corset: Champion ram, L. R. Glassburner,
chita; champion ewe, Leonard Steward,
enola.

Southdown: Champion ram, Roy P. Mc-
Williams, Gallatin, Mo.; champion ewe, Mor-
d Bros., Amorita, Okla.

Shropshire: Champion ram, John Ebers-
ker, Seward, Nebr.; champion ewe, H.
Helsar, Tampa.

Hampshire: Champion ram, Glenn Armen-
ut, Norborne, Mo.; champion ewe, How-
Vernon, Admire.

Suffolk: Champion ram, Fred Paulsen,
Zenith; champion ewe, Herman Popp, Ha-
ven.

Fat market lambs: Grand champion lamb,
Steve Beal, Mt. Hope; reserve, Faye Mc-
Clure, Newton.

Wool exhibit: Champion fleece, Chris
Evers, Great Bend.

Sheep shearing contest (adults): Henry
Broughton, Chanute; (juniors) Richard Ka-
sitz, Newton.

Quarter Horses

Grand champion mare, Casement and Coy,
Manhattan, on Little Meow; reserve, H. F.
Stanhope, Rosalia, on Junket Adair II.
Grand champion stallion, W. G. Brown, Lit-
tle Rock, Ark.; reserve, Wilbur Lecklider,
Kingman, on Lecklider's Little Buck.

Crops

County project booths, Sedgwick county.
County collective booths, Eastern section,
Shawnee; Central, Reno; Western, Coman-
che. Champion booth, Shawnee.

Corn: Champion 10 years yellow, Alva
Moore, Gardner; champion 10 ears white,
Terry Rice, Valley Falls. Sweepstakes, Alva
Moore. Champion 100 ears yellow, Alva
Moore; champion 100 ears white, Shirley
Rice, Valley Falls. Sweepstakes, Alva Moore.

Wheat: Sweepstakes, Guy Perkins, Spear-
ville, with a Kiowa entry.

Sorghums: Westland, Larry Dean Luns-
ford, Great Bend; Atlas, Carney Hinz, New-
ton.

Alfalfa hay: E. J. Beck, Plevna.
Alfalfa seed. Frank Renzenberger, Gar-
nett.

Miscellaneous

HDA extension work display booth: Har-
vey county.

Vocational Agriculture farm machinery
display: Pretty Prairie.

Inter-collegiate dairy judging contest:
Iowa State.

4-H Livestock

Champion baby beef, Elaine Olson, Morris
county.

Fitting and showing beef cattle, Elaine
Olson, Morris.

Champion market pig, Farrel Lee Holton,
Cloud.

Champion poultry, Noel Ary, Edwards.

Champion fat lamb, Jim Withers, Sedg-
wick.

Champion sheep fitting and showing,
Duane Wyant, Sedgwick.

Dairy judging champions: Brown Swiss,
Jerome Hess, Allen; Milking Shorthorn,
Delbert Heidebrecht, Inman; Holstein, Be-
verly Snodgrass, Butler; Guernsey, Allen
Klein, Pawnee; Ayrshire, Judy Williams,
Reno; Jersey, Roland Belcher, Kingman.

Share the Fun purple awards: Sydney
Smith, Harper; Linnea Brown, Barton;
Jerry Reagle, Dickinson; Gerald Dyche,
Shawnee.

4-H style queen, Marcia Bishop, Maize.
Best groomed boy, Gary Dalquest, Wilsey.

Wins U. S. Prize

A Kansas State College graduate
has received a U. S. prize. Clarence E.
Prentice, Michigan State College agri-
cultural economist on leave as PMA
director of the state, won \$300 first-
place award in the Uhlmann Awards
National Grain Marketing Essay Con-
test. His essay, "The Grain Sanitation
Program," won the graduate students
division—he was doing graduate work
at Manhattan when he wrote it.

Choose Kansan

Newly-elected president of the Farm
Equipment Wholesalers Association,
chosen at Chicago, is G. W. Hammons,
Wichita.

New 4-H Agent

New 4-H Club agent in Brown county
is John Schesser, Kansas State College
graduate, who served in Shawnee
county during a training period.

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White Eggs?

You can
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**TWO
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Varieties**



DEKALB—the FIRST to offer the NEW TYPE CHIX in WHITE EGG VARIETIES

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Salt City Hatchery, Hutchinson
Wesselowski Hatchery, Beloit
Winfield Hatchery, Winfield

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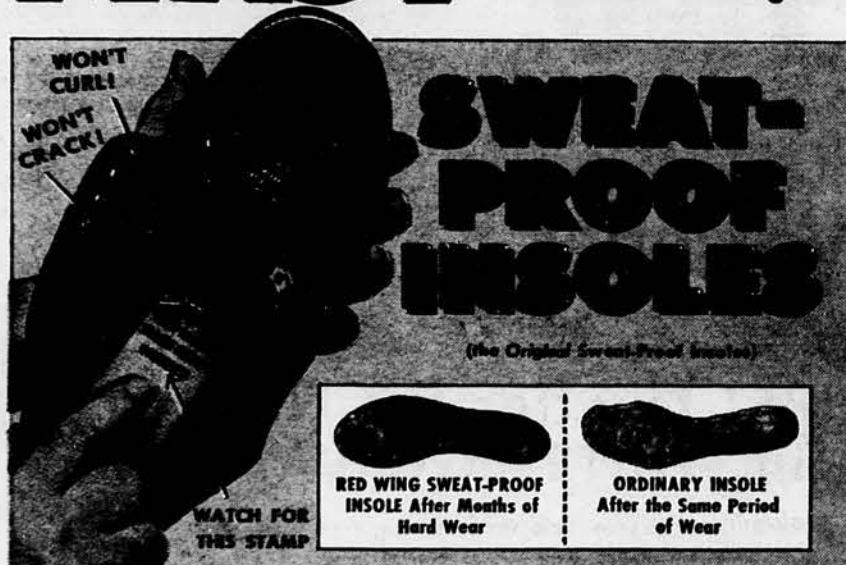
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COMING, NEXT ISSUE...

Toughest problem on Kansas farms right now is winter roughage supplies. Fifty-two Kansas counties still are on a drouth and feed emergency basis. The spotlight is turned on feed reserves and their place on Kansas farms, says H. C. Love, Extension economist in Farm Management, Kansas State College. Now is the best time to lay plans for future feed supplies. *Kansas Farmer*, in its November 7 issue, will carry several important articles on silage and will offer definite help in solving your silage reserve problems.

JOHN GOES TO VISIT INDIA

Farmers get up early here—4 o'clock. They work until 10, rest until 5, then work until 8 in the evening

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 third letter from John Ferrell, of Mt. Hope, in Sedgwick county, who has gone to India.

DEAR MR. GILKESON: (Batala, Punjab, India) The last 4 days have been spent at the Ford Foundation Training Center for village-level workers. This center is set up to train 100 boys for 6 months, then these boys return to their villages where they will do Extension work. Their training is multi-purpose, including sanitation, education, improved agriculture. Each boy will have 5 villages to work with and all are co-ordinated with what is known as a development block.

Don Kvasnicka, who also is in this area, and I have visited 25 of the villages in this particular block. So, therefore, I would like to describe what they are like.

Each village is a complete unit with everything a farmer needs supplied to him by the workers in his own town. There are blacksmiths, leather tanners, washermen, sweepers and storekeepers. They all live within a 200-square yard area with their houses back to back and side by side. The village is enclosed by a high mud wall and the various parts connected by narrow (3 feet wide), winding alleys. A large pond is located at the village edge and around it the cattle graze when not wandering thru the streets or in the houses.

Fight Against Disease

Now, it is the job of these village-level workers to convince the people that to cover their wells and to fill these ponds would lessen the probability for disease.

The farmer here gets up very early in the morning, around 4 o'clock, and works until 10 then rests until about 5 p. m., when he returns to the field to finish up at 8 p. m. This is so he will be in during the heat of day. Farming is



JOHN FERRELL
Mt. Hope, Sedgwick County

done almost completely with bullocks and implements handmade of wood. The general crops here in Punjab are wheat, rice called paddy, sugarcane, and vegetables.

Since there is a 2-crop system it is possible to grow fresh table vegetables the year around. Regardless of the difference in farming methods and crops I find farmers much the same the world over. For example, this morning we were at a village where the district project officer was holding a road building session. Well, all the farmers wanted the road but each was trying to make sure it didn't cross his own land.

I think by the time I return to the states tea will run out of my ears, for every place we go we must surely take a cup of tea.

Travel here is all done in a jeep and the driver must be very fast for there are people and cattle everywhere in the roads. It's bad to hit a person, but terrible to hit a cow.—John Ferrell.

CHAMPION HAMPSHIRE EWE



CHAMPIONSHIP in Hampshire sheep class at Kansas State Fair, Hutchinson, finally came to Kansas this year when Howard Vernon, Admire, had champion ewe. The Hampshire show in recent years has been dominated by out-of-state breeders.



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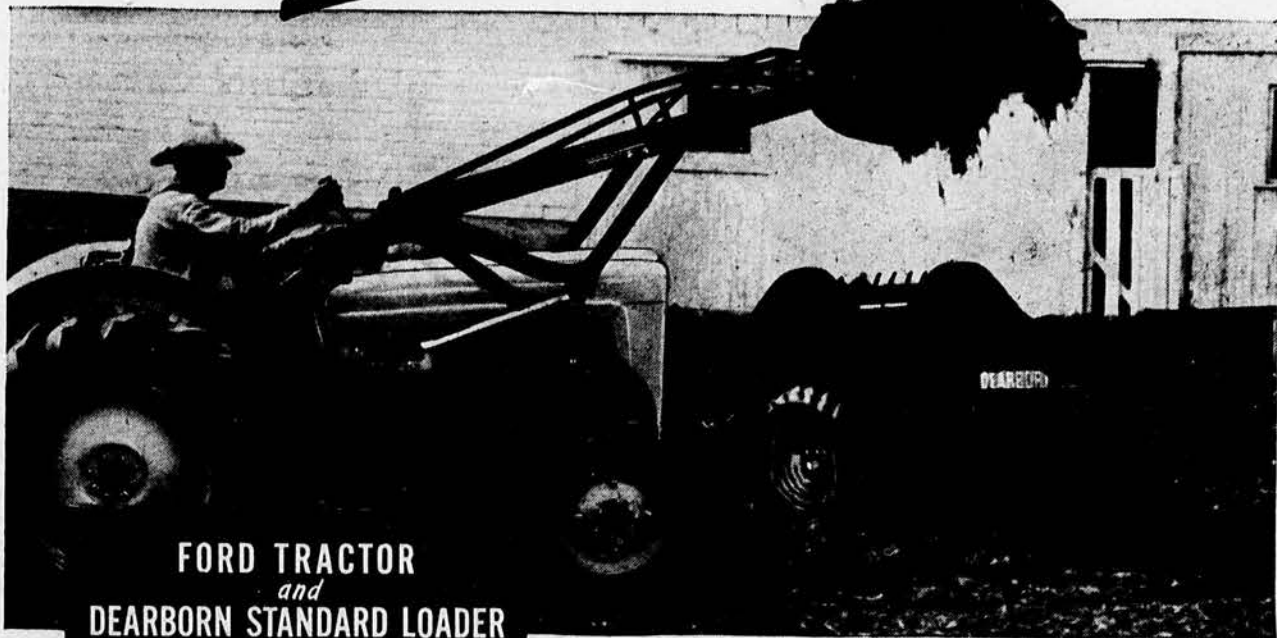
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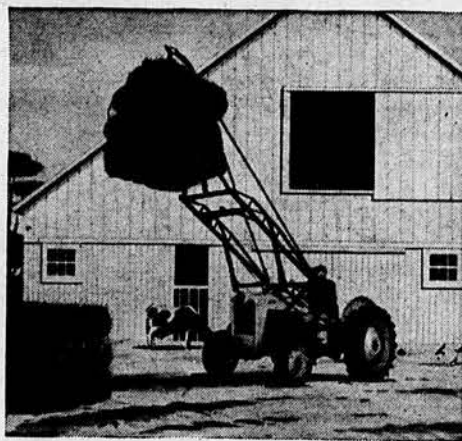
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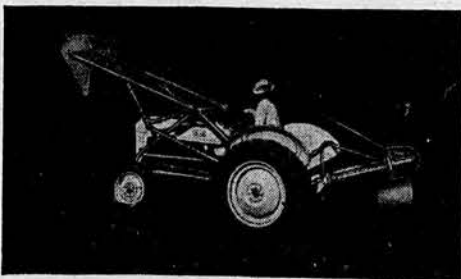


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Lift heavy loads to haymow height

The Dearborn Crane attachment gives you fast "second story" lifting . . . raises heavy loads up to 14 feet. Ideal for lifting heavy objects such as slings of baled hay, bags of feed or fertilizer, building materials, rolled fence, machinery.



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TAKE THE SWEAT AND TOIL OUT OF LOADING MANURE

Forking manure . . . hauling feed . . . storing fertilizer . . . moving heavy machinery. All these jobs and many more take plenty of hard work and heavy lifting when done by hand.

Find out how much easier and quicker you can do these jobs with the Ford Tractor and Dearborn Standard Loader with its low cost attachments. See how quickly you can load the manure spreader while you're sitting down. Consider all the other ways you can use this easy operating equipment to save heavy lifting and speed your work. You'll find it's a time-saver on many jobs . . . and a cost-saver, too!

Your nearby Ford Tractor Dealer will gladly bring out a Ford Tractor and Dearborn Standard Loader with attachments to your farm, to see what they can do. There's no obligation, of course. Only then will you know how much time and work you can save with the Ford Tractor and its low cost attachments.

Simply move Selec-Trol knob to operate front or rear tool



A simple flick of the Selec-Trol knob instantly directs hydraulic power to either the front or rear tool. No need to buy an extra hydraulic pump. Therefore you can operate a front mounted Dearborn Standard Loader and rear "helper" tools such as blade, disc or subsoiler by the same handy Touch Control lever. An outstanding Ford Tractor feature.



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Ford Farming MEANS LESS WORK . . .
MORE INCOME PER ACRE

No. 4 in a series of articles on how to grow flowers

Why Don't My Peonies Bloom?

By FRANK PAYNE

I LIKE TO WRITE articles about pleasant things or happy events. But this article is mostly about complaints I have received from flower lovers by letter, telephone, or by personal visits to my flower farm.

Do you know that 9 out of 10 times the complaint is "Why don't my peonies bloom?" I get so many at peony blooming time I almost know in advance what it is going to be about soon as the telephone rings. I just know someone is almost ready to cry because they are so disappointed with the lack of peony blooms.

It happens I have grown peonies almost 40 years. I have always been fairly successful. Peonies have always been one of the easiest flowers we grow to get blooms for Decoration day trade. I find them as easy to grow as corn, beans or potatoes.

All we do is make a furrow along in October, November or as late as December if the ground is not frozen. The divided roots are planted with the eye or sprout up and only 2 inches below the surface of the earth. A division should have only 3 to 5 eyes. Of course, they are always planted in good soil, well drained. They do not need fresh fertilizer. Any kind of animal manure would get a rot started in the plant if placed over or too close to the roots. Wood ashes or bonemeal worked into the soil 8 to 12 inches from a growing plant is all we can recommend. Plants require shallow cultivation for large and plentiful blooms, especially dur-

ing the first 3 years of their growing.

Another frequent complaint we get. Folks are impatient and want or expect peonies to bloom at once after being planted. The facts are, a peony must get well established in its root growth when it has been replanted, so you must allow 3 years for a plant to get ready to produce full-size blooms that can be used for cut flowers. It would surprise you to learn so many folks try so hard to hurry them in blooming, but it just can't be done. Some folks will even plant a full-size clump in trying to shorten that 3-year wait. It's no use—a full-size clump will not bloom at all—it only takes 3 to 5 years and that is enough.

Other folks plant at the wrong time. Peonies are dormant only in the fall months and that is the proper planting time. If replanted or disturbed in the spring, their growth is checked and again they just fail to bloom.

Now you begin to see most complaints are caused by folks trying to do the wrong thing, then they blame the peony plant when it is their own fault. The only time to replant in this section is October, November or as late as December if the ground is not frozen too hard to dig a hole.

Peony tops are not ugly, they are a nice green color. However, many go out and cut off the tops in June. Then they complain because there is no bloom next spring. Peonies must have all that foliage to develop buds for next year's blooms.

(Continued on Page 23)



Feed Calves Like Pigs?

New Feeding Ideas May Revolutionize Calf Raising

WHAT do calves and pigs have in common? The answer may change your ideas about feeding calves.

In a young calf, the rumen (or paunch) hasn't started to function. Later on, billions of organisms in the rumen will help the calf turn coarse grain and roughage into more nutritious, more easily digested food. But until the rumen is developed...

... the feed requirements of a young calf are more like that of a young pig than of a cow!

To help you take advantage of this new feeding concept, Nutrena Mills has developed Caf-O-Life Starter Pellets—an entirely new feed for calves from 4 days to 8 weeks of age.

In Nutrena tests, calves on Caf-O-Life Starter Pellets gained faster... at less cost... than calves on even Nutrena's best previous calf starter. Why such results?

Caf-O-Life Starter Pellets are highly palatable, easy to digest, and packed with nutrition. Caf-O-Life contains guaranteed effective antibiotic power... balanced protein... Vitamins A, B and D... minerals... energy-packed rolled oats... plus other vital nutrients. All this in a tasty pellet form that test calves chose over meal by 15 to 1.

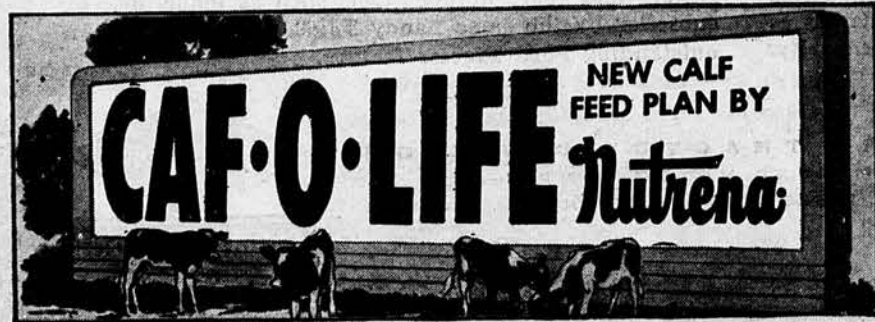
Caf-O-Life Starter Pellets are available only at your Nutrena dealer's, where you can also get the facts on these other new Caf-O-Life feeds...



Compare this new Caf-O-Life Milk Replacer with any other milk feeding program you have ever used—money back if not completely satisfied. Safely replaces 270 lbs. or more of whole milk per calf because it contains more than 95% milk nutrients, plus antibiotic and important vitamins. Feed from 4 days to 5 weeks.



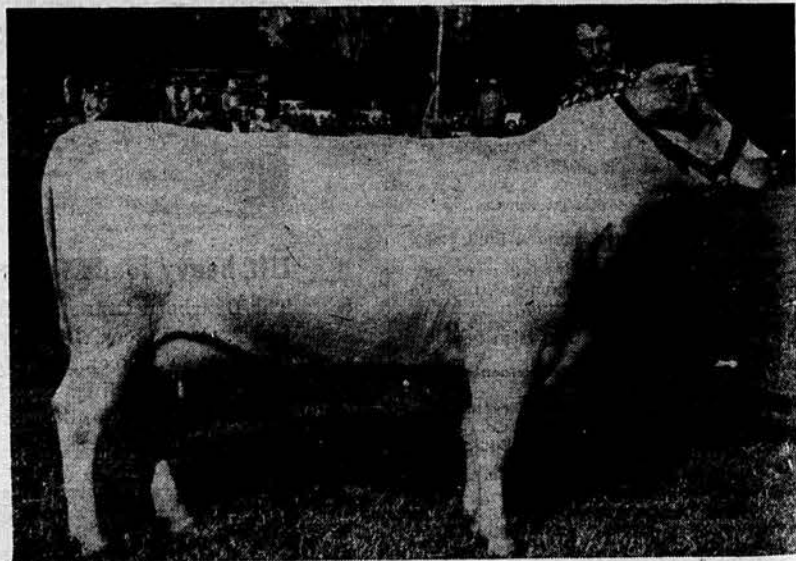
Continue fast calf gains clear to 6 months with new Caf-O-Life Grower Ration—third member of the powerful Caf-O-Life team. Gives your calves all known important elements they need during vital growing period. Rich in molasses for palatability, growth value and rumen development.



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GRAND CHAMPION MILKING SHORTHORN FEMALE



ELKNIH EMMA MARIE, grand champion Milking Shorthorn female at Kansas State Fair, Hutchinson, and Kansas Free Fair, Topeka, was shown by Delaine Hinkle, Powhattan.

GRAND CHAMPION OIC SOW



ZIMMERBROOK FLICKA, grand champion OIC sow at the Kansas State Fair, Hutchinson, was shown by Vernon Zimmerman, Inman.

bloom, and if you cut them off too soon, no blooms, in fact it could kill the plant. Sometimes the weather plays a mean trick on peonies in early spring. If buds come out real early and there is a late hard freeze when the buds are small, they can be frozen and damaged by that freeze. The only thing to do is to put a box or bushel basket over the plant as a frost protection should you have a weather warning a hard freeze is coming.

Bud Blight May Bother

Now there is a bud blight that can attack peonies. It is called *Botrytis blight*. The disease appears first as a dark-colored spot at the base of the stem. Sometimes the stem rots off or brown spots will appear on the leaves. Bordeaux mixture or Fermate sprayed on the plants and buds from the time the plant comes up thru the ground until the buds get good-size will help control the blight. The old tops should be cut off in early fall because blight spores live on the old stocks. Remove the tops and burn them so there cannot be any further trouble with them spreading the blight.

Don't Like Shade

Peonies must never be planted in a shady spot, or in wet, soggy soil. The soil must be well drained—they simply cannot stand wet feet. Plant peonies never closer than 3 feet apart each way. Never cut blooms with too long a stem. It weakens the plant if you do because it needs all the foliage possible to stay on and develop new buds for next year's crop of flowers. Keep weeds and grass hoed away, just ordinary shallow cultivation is all required. Now if you want extra large blooms you can disbud, pinching off the 2 side small buds, just leaving the large center bud. Do this when buds are about the size of peas. It will make the stems longer, too.

For Cut Flowers

Do not be afraid of ants that may be seen crawling over them, they do no harm. There is a honey-like sap that comes out the growing bud which ants like but they do not eat the buds or harm them. Some varieties of peonies are best adapted for cut flowers. The buds keep easily in cold storage and open nicely when they are needed. I will give you the names of some I have grown many years and find them best for cut flowers. They are all generous in blooming. For the reds try Felix Crousse, Karl Rosenfield, Longfellow. If you wish good pinks try Edulis Superba, Mons. Jules Elie, Sarah Bernhardt. In the whites, try Avalanche, Baroness Schroeder, Festiva Maxima.

Well, I have tried to think and write about most of the complaints and give you their causes. I hope folks who have had peony trouble will see most of their troubles are not any faults of peonies. I think peonies are the most popular hardy flower. They should be in every garden. They also are the best flower to grow for Decoration Day and usually bloom just in time for that day in Kansas or Missouri.

My next article is about many different kinds of flowering vines. I think vines are the most useful flowers you can grow.

Cow at Work

Cows "work" even when lying in the shade or in the loafing shed. It requires about 400 pounds of blood passed thru a cow's udder to produce a pound of milk. A cow producing an average of 50 pounds of milk per day pumps 20,000 pounds of blood thru her udder. Also, she has to eat and digest large quantities of feed to supply necessary nutrients to the blood stream from which the milk is produced. She also must exert energy in carrying out her many other body functions.

And what is more contented looking than a cow lying down in peace, chewing her cud?

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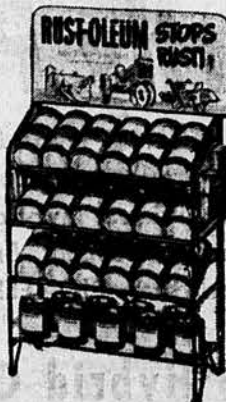
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DON GOES TO LEBANON AND SYRIA

On this farm, land is really terraced in stairsteps, level parts being from 10 to 40 feet wide, 40 to 200 feet long

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 seventh letter from Don Weixelman, of Louisville, in Pottawatomie county, who has gone to Lebanon and Syria.



DON WEIXELMAN
Louisville, Pottawatomie County

DEAR MR. GILKESON: Since my last letter to you I have moved to a different farm. It is the partnership farm of Saif Ed-oui Tabbakh and Fauzi Saulmon. The farm is located about 20 miles east of Beirut in the Lebanese mountains. It is about 3,000 feet above sea level and very hilly and rocky. We have a very beautiful view here of the Lebanese mountains and Mediterranean sea.

These are the first Moslem families I have stayed with. I find them very friendly and different than expected. None of the women wear the veil in the immediate family. I also found out the veil is not a Moslem custom but an Arabic one. It was used before the time of Mohammed. I am very thankful they don't wear it because it can be a very big obstacle in making friends. I know this to be so, because when some of these friends come here and wear the veil while I am around (because I am a stranger) it gives me the impression I am an unwanted guest.

The farm is small covering only 20 acres. Fruit is the only crop grown. Most of the trees are apple but there are some peach, pear and cherry trees.

The entire farm is on a very steep slope. In order to plant fruit trees the farmer had to terrace the land. The terraces are built as stairsteps. Limestone retaining walls ranging from 3 to 10 feet high are built. The dirt is then leveled on top of the terrace. The level part of the ground may range from 10 to 40 feet wide and from 40 to 200 feet long.
(Continued on Page 25)

GRAND CHAMPION JERSEY FEMALE



ADVANCER RECORD DUCHESS, grand champion Jersey female at Kansas State Fair, Hutchinson. Shown by John Weir, Geuda Springs.

GRAND CHAMPION AYRSHIRE FEMALE



CHET-AYR SPECIAL LAURA, grand champion Ayrshire female at Kansas State Fair, Hutchinson. Shown by Chester Unruh, Hillsboro. Lauren W. Enns, Hillsboro, holding.



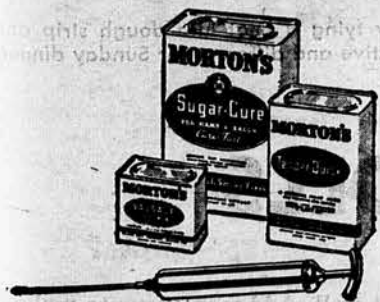
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HO-DEM ELECTRIC FENCER CO.
811 East Lincoln St., Wichita, Kansas
Phone: 2-5384

I am sure these small plots are a great contrast to the horticultural lands in the States.

These terraces are very expensive to build. To terrace one acre costs \$1,000 (an estimate). Mr. Boman, horticultural specialist from Point-4, has estimated it would take 30 years of farming to pay for the terraces.

The climate here is very suitable for apples. Production will compare to the best apple-growing sections in the States. Apples are very much in demand in the Near East so they bring a high price, \$4 to \$5 a bushel.

Here at the farm I have been working. Farm work here is very different from the States. Very little machinery is used. There are several reasons. Hand labor is cheap (40 to 60 cents a day), lack of capital, technology, and some of the land that is cultivated cannot be farmed by machinery, such as the farm I am now on. Couldn't get far using a machine on a plot of land 40 feet by 40 feet. I have been helping irrigate the trees with water that is gotten from a mountain spring. Also, I have helped spray the trees for harmful insects and have hoed the trees with a short-handled hoe. Here they use a hoe handle about 2½ feet long. My back gets very tired stooping over to use it, but it doesn't seem to bother the workers.

For dinner last night we had cooked rice with sheep grease poured over it, fried eggplant, scrambled eggs cooked with greens and whole wheat. The whole wheat was soaked and the hulls removed. Then it was boiled. The sheep grease was poured over it to give added flavor. For dessert we had the usual fresh fruit. Very little meat is eaten

Thank You

I have received much valuable information from your Home Service department, many thanks.—
Mrs. R. D. Breunsbach, Marshall Co.

here because it is very expensive. Most of the meat that is eaten is mutton.

After we left our last host's farm and before we came to our new one, Huebert Lasater, Extension director of Point-4, took us IFYE's up to see the cedars of Lebanon. Lebanon is very well known for its cedars. They were used in Roman and Medieval times for shipbuilding. At one time all of the mountains of Lebanon were covered with these cedars. Now there are only about 400 of them left. We were told these 400 are more than 3,000 years old.

As the cedars of Lebanon were cut down they were not replanted. Sheep and goats killed all of the young trees that may have started to grow wild. As a result the mountains of Lebanon are left bare. Very little vegetation is on them. Even the grass and the underbrush were killed by sheep and goats. Now Point-4 (FAO) is encouraging replanting of cedars as well as other evergreens that may be quicker growing. Several reforestry projects are in operation now. One of the larger ones is being carried on near the 400 remaining cedars. If the mountains of Lebanon can be successfully reforested it would help the country's economy very much.

—Don Weizelman.

Having a Fall Party?

Any one of these 3 leaflets will help you in planning a successful fall party. Appropriate games, stunt contests, and a suggested group of songs for a community sing are some of the suggestions for an enjoyable evening's entertainment. Send your requests to the Entertainment Editor, *Kansas Farmer*, Topeka, Kan. Each leaflet is 3c.

"A Pioneer Party"
"Fifteen Games for Indoors and Outdoors"
"A Slumber Party"

DANNEN EGG FEED



"WE GET EXTRA EGGS WHEN PRICES ARE BEST"

"These Leghorn pullets are typical of flocks raised at the Dannen Research Farm. Following the Dannen Poultry Program our pullets develop into large, rugged birds which maintain high egg production when egg prices are highest. Many farm flocks average only 11 or 12 eggs per month during October, November and December. Leghorns at the Dannen Research Farm have averaged 21-22 eggs per month which is an extra 9 to 10 eggs per month profit."



You can get extra eggs too — put your pullets on Dannen Egg Feed right away!



See your local **DANNEN DEALER**

DANNEN MILLS, INC.

St. Joseph, Mo. Red Oak, Iowa

Kansas Farm Home and Family

By FLORENCE MCKINNEY



ROSETTES are made by tying a knot into dough strip and tucking end over. Attractive and different for Sunday dinner.

NEW WAYS WITH YEAST ROLLS

MOST WOMEN who have learned the roll-making art enjoy practicing it. Flour, liquid and trimmings that turn into fragrant, flavorful rolls is almost magic. All one needs tho is a good recipe and practice.

Rosettes

- | | |
|---|--|
| 2 packages yeast, compressed or dry | 2 teaspoons salt |
| 1/4 cup water (lukewarm for compressed yeast, warm for dry) | 1/4 cup shortening |
| 1 cup milk | 2 eggs |
| 1/2 cup sugar | 1 teaspoon grated lemon rind, if desired |
| | 5 cups sifted enriched flour (about) |

Soften yeast in water. Scald milk. Add sugar, salt and shortening. Cool to lukewarm. Add flour to make a thick batter. Mix well. Add softened yeast and eggs. Beat well. Add enough more flour to make a soft dough. Turn out on lightly floured board or pastry cloth and knead until smooth and satiny. Place in greased bowl. Cover and let rise in warm place until doubled (about 1 1/2 hours). When light, punch down.

Let rest 10 minutes. Divide dough into pieces the size of walnut. Roll dough under hand to form strip about 6 inches long. Tie in knot and bring one end thru center and other end over side. (See picture). Place on greased baking sheet. Let rise until doubled (about 45 minutes). Bake in moderate oven (350°) about 20 minutes. Makes about 3 1/2 dozen rolls.

Basic Beaten Batter

Here is a recipe that can be dressed up in a variety of ways to suit your supplies on hand and your family taste.

- | | |
|---|--|
| 1 package yeast, compressed or dry | 1 cup milk |
| 1/4 cup water (lukewarm for compressed yeast, warm for dry) | 1/4 cup sugar |
| | 1 teaspoon salt |
| | 1/2 cup shortening |
| | 3 1/4 cups sifted enriched flour (about) |
| | 1 egg |

Soften yeast in water. Scald milk. Add sugar salt and shortening. Cool to lukewarm. Add 2 cups flour and beat well. Add softened yeast

and egg. Beat well. Add more flour to make a stiff batter. Beat thoroughly until smooth. Cover and let rise until bubbly (about 1 hour). Use with different toppings to make coffeecakes and puff rolls. Let rise until doubled (about 30 minutes). Bake at (375°) 20 to 30 minutes.

Makes two 8-inch square or two 9-inch round coffeecakes or about 2 dozen 3-inch puff rolls.

Marmalade Drops

In this one, too, use the basic beaten batter given above.

- | | |
|--------------------------------|-----------------------------|
| 1/2 recipe basic beaten batter | 2 tablespoons melted butter |
| | 1/2 cup marmalade |

Prepare muffin pans by putting 1/2 teaspoon melted butter and 2 tablespoons marmalade in each cup. When basic beaten batter is light, stir down and drop in muffin cups, filling about 1/2 full. Let rise until doubled (about 30 minutes). Bake in moderate oven (375°) 20 to 25 minutes. Makes about twelve 3-inch puffs.

[Continued on Page 27]

Are the Small-Fry a Problem? Keep Them Busy

Keeping little folks entertained in bad weather is difficult. Right off the kitchen shelves are the ingredients to go into dough clay and finger paint, 2 things that will keep them constructively entertained for many happy hours. The products are harmless and may be removed from any washable surface or garment.

Dough Clay

- 1 cup flour
1/2 cup salt
3 teaspoons alum

Mix ingredients and add enough water to hold together. Colored clay may be made by adding food coloring to the water or powdered paint to the ingredients before mixing. Give the child a good-sized ball of this mixture on a washable surface. Store the clay in the refrigerator wrapped in a plastic bag or moist cloth.

Finger Paint

- 1 1/2 cups laundry starch
6 cups boiling water
1 1/2 cups soap flakes
2 tablespoons glycerin
(may be omitted)
Poster paint, powdered tempera or cake coloring

Mix starch with enough cold water to make a smooth paste. Add boiling water slowly, stirring constantly. Cook until glossy. Avoid too hot a fire. Stir in the dry soap flakes while mixture is still warm, but not hot. When cool, add glycerin. Add coloring material immediately and store remainder of the uncolored mixture in a jar in the refrigerator for later use.

Finger paint is used on a glazed paper, such as shelf paper or oiled cloth. Be sure the surface is big enough, at least 2 feet by 18 inches, to give the child plenty of room for movement. Wet the paper on both sides and spread on a smooth, washable surface. Place about 2 tablespoons of the paint in the middle of the paper and protect his clothing. However, it will wash out by soaking in cold water.

It is best not to tell the child what to make. He likes the look and feel of what he is creating, but may not have any particular object in mind.

October Entertainment

You will find complete Halloween party plans, including invitations, games, decorations and refreshments, contained in any one of the following leaflets:

- "Halloween Party Plans," 3c
"Witches Party," 3c
"Hilarious Halloween Party," 3c
"High Points in Palmistry," 5c
Send your orders to Entertainment Editor, Kansas Farmer, Topeka, Kan.

Yeast Rolls

(Continued from Page 26)

Crumble Squares

- 1/2 recipe basic beaten batter
(see above)
1/4 cup enriched flour
1/4 cup bread crumbs
2 tablespoons sugar
1/2 teaspoon cinnamon
2 tablespoons butter

Combine flour, bread crumbs, sugar and cinnamon. Cut or rub in butter until mixture is crumbly. When basic beaten batter is light, stir down. Spread evenly in greased 8-inch square pan. Sprinkle with crumb mixture. Make squares by pressing lines into batter with floured finger tips. Let rise until doubled (about 30 minutes). Bake in moderate oven (375°) about 30 minutes. Makes nine 2 1/2-inch squares or sixteen 2-inch squares.



ELECTRIC HOUSEWARES

See them at these stores!

KANSAS

- ANTHONY**
Mardis Electric
ARKANSAS CITY
Marshall-Hill Electric Co.
CHANUTE
Home Appliance
Vernon W. McCune
CHERRYVALE
Newton's
COFFEYVILLE
Holland Grocery
Sampson Auto Store
DODGE CITY
May Drug Co.
EL DORADO
El Dorado Appliance Co.
EMPORIA
Schottler Electric Co.
FT. SCOTT
J. Bloomfield & Son
GREAT BEND
Home Appliance Co., Inc.
HOISINGTON
Hoisington Drug
HOLTON
Holton Tire & Supply
JETMORE
Lindas Hardware
JUNCTION CITY
McKenna Tire & Appliance
822 N. Washington
KANSAS CITY
Glanville Furniture Co.
735 Minnesota
Goldman Jewelry Co.
648 Minnesota
Helzberg's
612 Minnesota
LAWRENCE
General Appliance Co.
1103 Massachusetts
LEAVENWORTH
Meyer Appliance Co.
LEOTI
John E. Ley
MANHATTAN
Dodd's, Inc.
417 Poyntz
MARION
Marion Hardware
OSAGE CITY
Rhyndress Electric Co.
PARSONS
Richmond Music Home
QUINTER
Quinter Appliance Co.
ST. FRANCIS
Lampe & Ralle Hardware
ST. JOHN
Stafford County Implement
SCOTT CITY
Marcy Radio & Appliance
STAFFORD
Boston Appliance
TOPEKA
Crosby Brothers Appliance Center
Jayhawk Walk, 724 Jackson
Helzberg's
809 Kansas Avenue
Ed Marlins
618 Kansas
Midwest Appliance Co.
608 Kansas Ave.
WELLINGTON
Davis Electric
WICHITA
Bucks Inc., Housewares Dept.
300 E. Douglas
Hellums Furniture Co., Inc.
221 N. Main
Helzberg's
219 East Douglas
Hill Electric Co., Inc.
2936 E. Douglas
Innes-Small Appliances—2nd Fl.
121 S. Broadway
Superior Appliance Co.
159 N. Broadway
Woods, Inc.
126 E. Douglas

MISSOURI

- KANSAS CITY**
Duff & Bepp Furniture Co.
1216 Main
Emery Bird Thayer
11th & Grand
Helzberg's
1100 Walnut
Helzberg's
3132 Troost
Helzberg's
400 Nichols Road
Jones Store Co.
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
DISTRIBUTOR
Richards & Conover, K. C.

You can put your confidence in...

GENERAL ELECTRIC



Iron Most Fabrics ... Without Sprinkling!



New GE STEAM and DRY IRON

Ironing was never so easy! Breeze through the job and get wonderful results. Most fabrics you iron won't need sprinkling. And you do "professional" pressing that can save you money.

See this new General Electric beauty at your dealer's. See for yourself why it's your best buy—to own or give.

Only
\$18⁹⁵*

*Manufacturer's recommended retail or Fair Trade price.

ONLY G-E GIVES YOU ALL THESE FEATURES



2 Irons in One: Just flip button up, and it's a steam iron; push down—it's a dry iron, without emptying.



Visualizer Fabric-Dial: You dial the just-right temperature for steam ironing, or for dry ironing every fabric.



Use Tap Water: In all but extremely hard-water areas. Another G-E feature you'll like.



Instant, Steady Steam: Drop by drop, water falls onto soleplate, flashes instantly into steam. No boiler.



Larger Soleplate: 30 square inches of ironing surface means fewer strokes, faster finish.



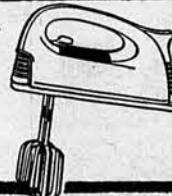
Weights Only 3 1/4 Pounds: Does superb ironing and pressing with heat—not weight.

See these other G.E. appliances, Too!

New G-E Automatic VISUALIZER IRON

Quit wrestling with old-fashioned, slow ironing. Weighs only 2 1/2 pounds—can save you hours of ironing time.

\$12⁹⁵



G-E PORTABLE MIXER

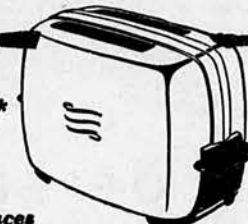
\$19⁹⁵*

So powerful it mashes potatoes, beats heavy batter. Weighs less than 3 pounds. Carry it anywhere; use it right at the stove.

G-E AUTOMATIC TOASTER

Get toast exactly the way you want it! Lifts toast extra high; no "fishing" with fork to retrieve small slices.

\$23⁹⁵



See these beautiful G-E Appliances at your small appliance dealer's listed in adjoining column

You can put your confidence in...

GENERAL ELECTRIC



"M-m-m! Smell that apple pie and Butter-Nut Coffee!"

Like Grandad, you'll start to enjoy Butter-Nut coffee — even before you pour out that first delicious cupful. No other aroma promises such downright enjoyment . . . such marvelous flavor! Try this test. Buy just one pound; and brew a pot of Butter-Nut. See for yourself if that delightful aroma — that delicious taste — isn't the most tempting coffee treat you have ever experienced!



Only the makers of Butter-Nut coffee can promise you that every cupful contains the perfect blend of 48 different coffees. That's why every drop is extra rich, extra smooth, extra delicious. And so economical! Most folks use far less Butter-Nut per potful than other coffees they've tried before.

You just haven't had coffee 'til you've tasted Butter-Nut.

Try it — real soon!

THE COFFEE
Delicious
IN MORE THAN
A MILLION HOMES!



Pawnee County Boy Wins Second Prize

"WHY I LIKE TO LIVE on a Farm," about which so many Kansas young folks wrote in the *Kansas Farmer* contest, proved a popular subject. Robert Lewis, who lives on a livestock farm near Larned, won second prize and for his writing talent received \$15 for himself, and his rural L'Dora School will soon get \$75 worth of books for the library. They chose the books from an approved list prepared by professional librarians.

Robert is 14 years old, completed grade school last spring and is now a freshman in high school. L'Dora School is a modern 1-room rural school averaging 17 pupils. Mrs. Lucinda Reat has been his teacher for all 8 years and this fall began her 29th year at L'Dora.

Robert has a most generous plan for use of his prize money. Since his school is not again eligible for entering the contest, he has decided to give a book to the school library each year for 4 years in the name of the student who writes the best story about "Why I Like to Live on a Farm." The remainder of the money will be spent for a student dictionary or 1-volume reference library book. Robert's prize-winning story follows:

Why I Like to Live on a Farm

For generations my family have been farmers. My great grandfathers, my grandfathers and my father were men of the soil. This with many other good reasons is why I like to live on a farm.

On a hill one can see for miles the checkerboard fields of green and brown or yellow where ripened wheat has been cut.

In the early morning the farm boy can see the beautiful sunrises with bright reds, purples, oranges and yel-



ROBERT LEWIS, Pawnee county, wins second prize in the *Kansas Farmer* story-writing library-book contest. He receives \$15 for himself and his L'Dora School \$75 worth of library books.

lows and enjoy evening sunsets until the sun is gone.

The morning air is fresh. It makes me feel good when I go out to do my chores; take care of my 4-H steer, laying flock of chickens and baby chicks. In the morning the birds are singing in the trees and on the fence posts. It is interesting to watch the green grass grow and spring calves and baby lambs run and play.

Mid-spring is the time to plant the garden for the summer. I get anxious

(Continued on Page 29)

MAKE YOUR OWN



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

waiting for the seeds to sprout and grow. I enjoy the flowers growing and blooming and the bees and butterflies that come to gather pollen from the flowers and fruit trees.

In June I enjoy watching the wheat head and begin to turn to a golden yellow which means getting ready for harvest. While watching the fields change there is work to do in the garden: picking tomatoes, peas, beans, corn, cucumbers and berries. It is a lot of fun to ride on the combine or drive the truck with a load of golden wheat to the elevator.

After wheat harvest comes the time to plow the stubble fields with the tractor. I like the good smell of freshly plowed wheat fields.

When the wheat harvest is forgotten, it is time to have a little fun. On a hot afternoon, I like to get the fishing pole and run barefoot, or ride the old farm horse to the creek. After 3 or 4 hours of fishing it is time to go home with your line of fish for supper (that is, if you have good luck). In August and September it's time to take our 4-H livestock to the fairs after working all winter, spring and summer with them.

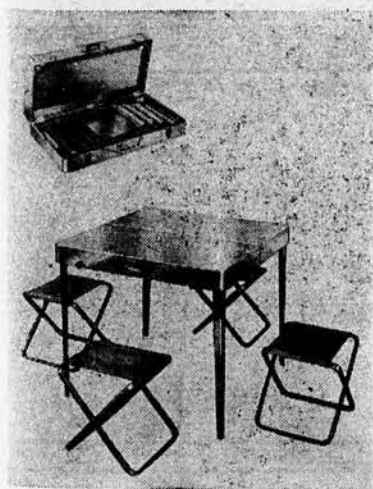
Later in September comes wheat harvest, cutting the maize and feed for winter months. In the fall pheasant, quail and rabbit season open for hunting. In December and January there's fun sled-riding down the hills and ice skating on the farm pond or the creek. Along with sledding and ice skating there is trapping for furs.

On the farm I never quit learning something new about the wonders of nature. There isn't any place better nor a healthier place to live than on the farm. So it is the independence of the farm for me.

My Favorite Recipe

We want your favorite recipes. If you have something extra special send it to us. We will pay \$1 for every one that is printed in the home department of *Kansas Farmer*. Address Home Editor, *Kansas Farmer*, Topeka, Kan.

News to You?



The Coleman Lamp Co. now makes this all-metal camp and picnic table that folds up to form a carry-case, large enough to hold 4 camp stools, food and utensils. Suitable for campers, vacationers and backyard meals. Goes into luggage compartment of car. Write to N. W. Ayer and Son, Inc., 30 Rockefeller Plaza, New York 20.

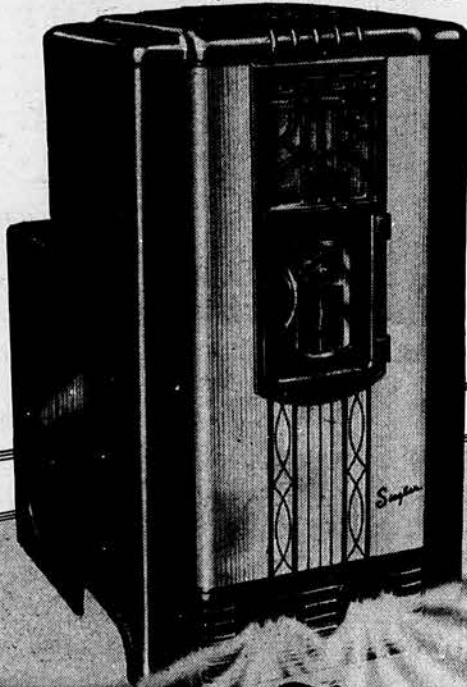
A Harvest Party

Our 2 leaflets, "A Harvest Party" and "Directions for the Harvest Twins," give suggestions for fun, entertainment and decorations. Send your requests to Entertainment Editor, *Kansas Farmer*, Topeka, Kan. Price 5c for each or both for 8c.

FURNACE HEAT

No costly pipes or registers to install or clean!

Siegler uses Top-o'-Flame heat that's
4 TIMES HOTTER
than Side-o'-Flame heat
OVER YOUR FLOORS



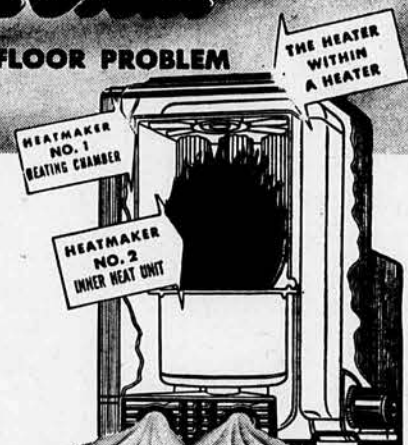
Tropical Floor Heat

GETS TO THE BOTTOM OF THE COLD FLOOR PROBLEM

Siegler
PATENTED AUTOMATIC
OIL OR GAS HEATERS

TWO-IN-ONE-HEATMAKER saves up to 50% in fuel!
SIEGLERMATIC DRAFT ends chimney troubles!
CAST IRON CONSTRUCTION for a lifetime of service!
PORCELAIN ENAMEL for a lifetime of beauty!

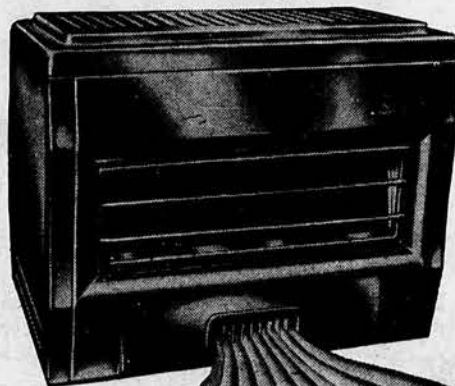
Prove it—make the 'MATCH-TEST' at your Siegler Dealer



53-OGF-22

MONEY BACK GUARANTEE

ESPECIALLY DESIGNED FOR PERFECT PERFORMANCE ON LP GASES



New, Low Boy GAS HEATER

HEATS LIKE MAGIC
even with the gas turned OFF

• Three-In-One Heatmaker lowers gas bills • 6-way Directional Tropical Floor Heat • Cast Iron Construction for complete safety • Super-quiet Ribbon Type Burner • Silent, Free Floating Motor Mount • Automatic Controls—Set it, Forget it

AGA APPROVED

SEE YOUR NEAREST DEALER OR WRITE SIEGLER CENTRAL, ILL.

CLEAN, AUTOMATIC

Gas Heat**Anywhere**

WITH THE AMAZING

MIX-O-GAS

PATENTED

FUEL SYSTEM

No matter where you live, you can get rid of the fuss and bother and dirt of ordinary heating methods and enjoy the benefits of gas heat with the installation of a Mix-O-Gas fuel system.

Plus--

CLEAN, EASY COOKING



- NOISELESS REFRIGERATION
- PLENTY OF HOT WATER
- TRACTOR, TRUCK FUEL

The same Mix-O-Gas Fuel System operates range, refrigerator, hot water heater, etc., and supplies economical fuel for trucks, tractors, etc.

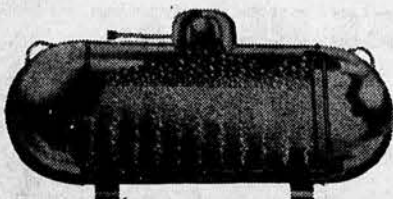
- DEPENDABLE GAS SUPPLY BEYOND THE CITY MAINS

With your own Mix-O-Gas fuel system, you don't have to worry about interrupted service from storms, broken power lines, etc.

MIX-O-GAS

SYSTEM

PATENTED, EXCLUSIVE FEATURES

**MAIL COUPON TODAY**

Dept. MOG
Delta Tank Mfg., Co. Inc.
P. O. Box 1469
Baton Rouge, La.

I am interested in learning, without any obligation, how I can enjoy gas heating, cooking, etc., anywhere for a few cents a day.

Name _____
Address _____
City _____ State _____

KF

Four-H Clubbers Have Great Time at State Fair



IFYE'S FROM INDIA AND BRAZIL as they chatted with Kansas State Fair visitors. Left to right: Girish Pandya, Jai Pal Chandra, both of India; Emeryk Krosnowski, Brazil; Shivraj Singh and Rajinder Singh Randya, India.

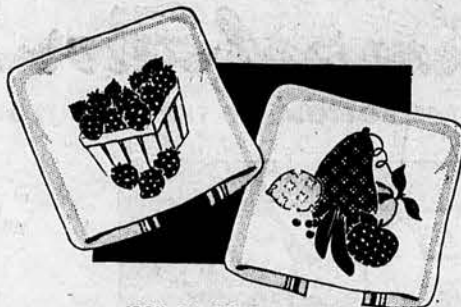
A STYLE REVUE, judging more than 5,500 exhibits of 4-H Club project work, a demonstration contest with more than 125 entries, and 7 judging contests for county champion judging teams, were features of the 4-H Club

program at Kansas State Fair in Hutchinson, September 20 to 25.

For 1,000 members living at the 4-H Club encampment on the fair grounds, during all or part of the week, the

(Continued on Page 31)

USE YOUR NEEDLE



IRON-ON COLOR DESIGNS
IN YELLOW, GREEN, RED.



7136—Iron-on polka dot strawberries. Plaid eggplant, checked raisins. Many more gay fruits and vegetables in red, yellow, green. Transfer of 6 designs each about 4½ by 4½ inches.



IRON-ON COLOR DESIGNS
IN PINK, BLUE, GREEN.



616—Rose is pretty pocket applique on this snappy-wrap. Misses' sizes, small, medium, large. Size medium takes 1½ yards fabric and 1½ yards contrast. Pattern pieces, embroidery design. State size.



7147—Please your daughter with new cap and mitten set. Done in double crochet with gay blossoms crocheted and sewn on. Quick and easy to do. Directions 4-6; 8-10 years.

686—Beautify your linens with old-fashioned girls and nosegays. Iron-on, no embroidery. Washable. Two girls 4½ by 10; two, 4½ by 4½; four sprays, 4½ by 1½; four, 1 by 2 inches.

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

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.

Monroe 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.

THE MONROE COMPANY 200 CHURCH ST. COLFAX, IOWA

A Beautiful Enamelized Metal Mail Signal



Go to your mail box only when the brightly colored signal shows you have mail. Easily seen from hundreds of yards away, ending those useless trips in the rain or cold. Get one for your mail box or as a thoughtful gift for a friend. ONLY \$2 — AND WE PAY THE POSTAGE. ORDER TODAY — YOU'LL BE GLAD YOU DID. Satisfaction guaranteed.

MAIL CALL

5623 Ranchito Ave. Van Nuys, California

Read the Ads In This Issue

There's a world of helpful information in the scores of advertisements in this particular issue of the Kansas Farmer.

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!

THE POET'S CORNER

Cosmos in October

Chalk white, the blooms held that
Which made me pause awhile in awe
As drying corn leaves whispered in the
wind.

The weed-choked garden patch
Knew little else, with harvest done,
The season warned that frosty nights
impend.

White cosmos standing brave and tall
Beside the fence, while high above
Wild geese went winging toward the
south.

And bright leaves drifted silently
To settle down to earth . . . Oh,
All good-byes are not by word of mouth!
—Mary Holman Grimes

Ode to October

Ten thousand bards have written odes to thee,
So why should I?
The answer dwells in each inspiring tree
'Neath autumn sky.
In every lane the riot colors blend
And in the dell
The corn is ripe, while apples earthward bend
With spicy smell.
The wild geese honk, the blackbirds pass in
droves
Across the sun.
Grey squirrels grab walnuts in unguarded
groves,
The cache begun!
A lazy cloud floats in a mist of blue.
The breeze is light,
But sorghum smoke drifts gently into view
From morn till night.
All this is thine, October! Even so
I cannot say
One word as colorful as leaves a-glow
In autumn day.
—By George Nicholas Rees.

Friendly Lights

When shadows lengthen o'er the
land,
And night envelopes day,
'Tis good to see the friendly lights
In houses 'cross the way.
They tend to ease my loneliness
As they shine thru evening air,
For when my neighbor lights her
lamp,
She tells me she is there.
—Mrs. George Wiggins

Indelible Proof

The marks her boy leaves on the
towels
Are evidence convincing
His mother that he thinks the soap
The kind that needs no rinsing.
—Hildegard Walls Johnson

If you want to have a habit worth
bragging about, don't brag.

Kansas October

There is rare beauty in October days,
A hushed expectancy of bitter weather;
When crickets in the trees and grass
Hum one last tune together.

The blackbirds cross-stitch on a cobalt
sky,
To blot the jet place trails of white that
linger
A songbird chants a brief farewell;
South lifts a beckoning finger.

Enjoy it. Hurry, it cannot last.
This is Time's hourglass at golden
autumn
With half of summer's sand run down
To winter at the bottom.
—Mary Johnson Piatt

READING, ENJOYABLE AND PROFITABLE

Parents can do much to insure a child's later happiness if they look upon shared reading experiences as enjoyable and profitable. Read to your children for pleasure rather than as a duty. It helps in language development, in command and meaning of words, in intellectual development. Children want to learn to read; it stands for growing up. It is a leisure-time activity that can be pursued as long as we have sight and mental facilities.

4-H Fun at State Fair

(Continued from Page 30)

opportunity to meet other young folks was enjoyed immensely. A chance to see top-quality exhibits of livestock, crops, food and clothing made the stay an educational one as well.

It was a repeat performance for Elaine Olson, Morris county club girl as she showed the grand champion baby beef, a Hereford named, "The Chief." She also was named first-place beef showman in 4-H competition. In 1949, Elaine exhibited the champion steer and has been the winner in the beef showing and fitting contest before.

A quartet of 17-year-old club members received top honors in the style revue and best groomed boy contest. Marcia Bishop, Maize, was named style queen when she modeled a tailored navy blue rayon crepe dress with navy suede shoes, bag and small navy hat with red trimming.

Guy Dalquist, Morris county, was awarded title of best groomed boy. Reserve honors in both contests went to LeAnn Spiker, Clay Center, and Robert Rees, Coffeyville.

New on the week's program this year was the talent show. Thirty-three numbers auditioned before judges for a place. On Tuesday evening, 15 of them were seen by a capacity crowd in the encampment building auditorium.

Four of the acts received purple ribbons. They were an acrobatic dance by

Linnea Brown, Barton county; a novelty number by Jerry Reagle, Dickinson county; vocal solo by Sydney Smith, Harper county, and vocal solo by Gerald Dyche, Shawnee county.

Other winning numbers were vocal solos, Meredith Brink, Coffey county; instrumental solo, Loren Anschutz, Ellsworth county; reading, Tonita Wehle, Finney county; vocal solo, Carolyn Snyder, Ford county; dance, Gloria Cox, Montgomery county; instrumental solo, Shirley McAdams, Riley county; vocal duet, Don Eulert and Ben Howe, Russell county; novelty number, Wanda Southwood and vocal solo by Barbara Dove, both of Sedgwick county; and instrumental number by Far Roicourt, Wilson county.

Two International Farm Youth Exchange delegates attended the encampment with delegates from counties where they are now living. It was a 2-way exchange of ideas when the youths from other countries visited with club members of Kansas.

An IFYE from Brazil, Emeryk Krosnowski; Jorge Carmigniani, Ecuador; Guillermo Parra from Columbia; Elizabeth Bush, England; Gilbert Devriendt, Belgium; and 5 young men from India, Jai Pal Chandra, Girish Kumer Pandya, Rajinder Singh Randya, Belmar Narayan Rao and Shivraj Singh made up the international guest list.

HALF PRICE OFFER

Introducing the
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We're making this special offer to introduce you to Fleischmann's Active Dry Yeast in the new "Thrifty Three" package strip. You'll *always* save money on "Thrifty Three's" . . . and now, while this offer lasts, you'll *save half the usual price*. It's a grand chance for women who bake at home to try Fleischmann's Active Dry Yeast. It's the yeast prize-winning cooks prefer—stays fresh for months and *always* rises fast!

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NARTON actually increases feed consumption up to 15% because it contains a carefully-blended combination of *ten* tonics used for years to stimulate appetite.

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CHANGES LOAFERS
INTO LAYERS... FAST!

Mastitis Can Be Controlled

(Continued from Page 1)

controlled or prevented by a 3-point program—good herd management, definite diagnosis and early treatment.

One Kansas veterinarian tells his customers the most damaging mastitis bacteria are classed as vegetable organisms. "Like all vegetation," he says, "they can be killed either by drying them out or drowning them out." He suggests that bacteria on the premises be dried out. Clean out your barn frequently and keep hydrated lime well brushed over the floor. Out in the lots remember that rain is a blessing, but see that your lots are regularly and properly cleaned and drainage established to assist nature in washing off your lots. Watch overflowing water tanks and drinking troughs as they may be sources of trouble. In the loafing shed see that plenty of dry bedding is provided.

Drown out the bacteria on hands and dairy equipment, this veterinarian advises. Keep your equipment submerged in chlorine solution at least 15 minutes before and after use. Wash udders and teats thoroughly, also your hands for several minutes before applying your milking equipment.

Watch Out for Injuries

Infectious mastitis often follows accidental or noninfectious incidents such as injuries from bruised udders and teats due to short stalls, high door sills, slipping and falling, unsanitary milking conditions. Also from faulty milking machines such as cup squeezing, creeping, vacuum variations.

Dairymen often overlook the importance of proper feeding in control of mastitis. Harold Goff, of Riley county, had a dramatic illustration of this last winter. He had been having considerable mastitis trouble, he reports, among his older, heavy-producing cows. At the time he was feeding them 15 or 16 pounds of grain per head daily, plus very good roughage consisting of alfalfa hay and corn silage.

As an experiment he cut grain to 9 pounds a day, plus all the good roughage his cows would eat. His mastitis troubles cleared up right away and, to his surprise, production did not go down. He found he could save a lot on grain and cut his mastitis costs to a minimum.

"While heavy grain feeding does not cause mastitis it sure does aggravate it," says Mr. Goff. Any cow that ever has had mastitis, he believes, is susceptible to return trouble if grain feeding is too heavy.

H. M. Chamney and Son, of Douglas county, never have had much mastitis

trouble and they are convinced their freedom from this disease is due to 2 things—a strong sanitation program for lots, barns and equipment, and proper feeding.

"We feed our cows very little grain and, instead, depend almost entirely on high-quality roughage," says Mr. Chamney. "Cows are like humans. The properly-fed ones can throw off diseases while those improperly fed are much more susceptible."

Where mastitis does strike, however, penicillin has proved to be a miracle weapon. Dairymen say where infected cows used to generally lose a quarter they now suffer only a loss in milk production.

Here Is One Suggestion

One veterinarian offers this suggestion in handling treatment for mastitis. "Many cases of mastitis," he says, "are ushered in by stringy milk, commonly called garget. These cases should be milked hourly until the stringy condition subsides. Then udder infusions will not have all the original infection to combat, and will do a better job of killing any remaining bacteria."

"There are some cases that will respond to treatment better after being dried up and medicated so they will be all right at the next freshening period. Only the best individuals and producers should be chance this way. At the time of using udder infusions, the administration of a bacterin containing the killed bacteria of the strept-staphylococci & coli bacteria can be very effective in reducing a recurrence of the condition."

Here Are College Tips

Summarizing mastitis control methods, Kansas State College veterinarians offer the following outline:

1. Do not milk onto the floor.
2. Avoid wet-hand milking.
3. Use separate clean washcloths for each cow.
4. Wash hands, cow's teats, and udder in chlorine solution 200 P. P. M. and renew solution for each 10 cows.
5. Wash and dry hands after milking each cow.
6. Don't use teat plugs or tubes.
7. Treat minor wounds promptly.
8. Quarantine and test additions to herd.
9. Keep cows clean; use bedding when necessary.
10. After each milking, clean teat cups in cool water and disinfect them by immersing in chlorine solution.
11. See that your cows have a balanced feed.
12. Milk infected cows last.

Caging Layers Means More Profit

(Continued from Page 4)

Floors of cages are sloped to outside, and outside edge of wire floor is rolled upward slightly to catch eggs as they roll out of cages when laid.

Mrs. Kasitz does most of the poultry work on the farm and here is how she handles the flock:

"I feed commercial mash twice a day," she says. "Every morning I clean out any feed in the troughs and remix it with fresh feed. This saves waste and does stimulate the appetites of the hens."

"The hens also get 4 gallons of pellets daily—half in the morning and half at night. I feed these before giving them the mash. Pellets are a booster feed containing 24 per cent protein."

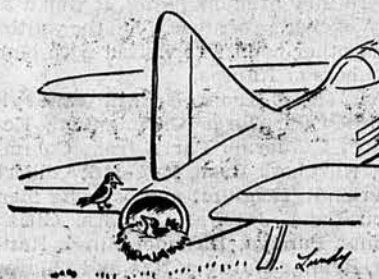
"Every day we clean the laying house floor with a special scraper made by Mr. Kasitz. It is a metal blade attached to the tines of an ordinary garden rake. Manure is scraped into piles and carried by bucket out to a manure spreader just outside the laying house. About once a week the spreader is taken out to some field. After scraping the floor we dust on some lime and brush it into the surface. As a result of this care we have very few flies, very little odor and

a much more sanitary place for both poultry and operator.

"I gather eggs 3 or 4 times a day in summer and take them immediately to the basement," says Mr. Kasitz. "I spend about an hour and a half in the laying house each morning and a half hour in the evening. In addition would be time for extra gathering of eggs or replenishing water supply. A card tacked to each cage is used for recording production of each hen."

While there is more time consumed

(Continued on Page 33)



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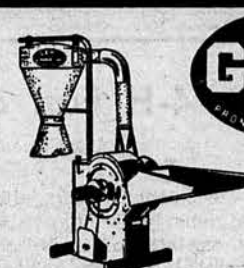
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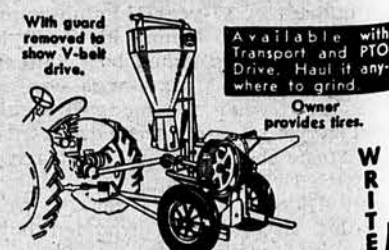


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in caring for caged hens the work is easier in some ways than in the conventional house. Everything—feed and water troughs and eggs to be gathered—is at a comfortable working level. "You really don't know anything about poultry until you try caging your hens," says Mrs. Kasitz. "When you can observe each hen individually you notice things you would never see if they were running loose in the flock. You know exactly which hens are laying and how often. Culling is much more accurate. I have some hens that lay more than one egg a day. I had always thought such hens might lay one egg in the morning and another at night. They lay one after the other."

"I've learned, too," says Mrs. Kasitz, "that disease troubles often show up first in the droppings. With caged hens you can observe the droppings of each bird and quickly discover signs of trouble. This means you can take the bird out of the flock before trouble spreads. Actually, tho, there is little disease because there is no way for hens to contact the sources of many poultry infections."

While all this is interesting we wanted to know whether the idea is practical in Kansas. Mr. and Mrs. Kasitz are so convinced they are now constructing a new laying house to house 1,000 caged hens, with cages suspended from ceilings and with other improvements over the present house. Here is how they analyze the economics of the system.

Must Have More Protection

It takes a better laying house for caged than for loose hens. The Kasitz laying house has been insulated and, in summer, a suction fan is used on hottest days. This fan is so placed it draws air both above and below the straw loft. Mrs. Kasitz says the fan will reduce temperatures in the house as much as 18 degrees on some days. In winter wall insulation insures a more comfortable temperature for hens and for folks working in the house. The whole idea, however, is that caged hens must have more protection from weather extremes.

The cages are an additional cost but eliminated are nests and droppings pits. More hens possibly can be housed in cages in any size house than could be handled on a loose basis.

There is a definite feed saving where hens are caged. Mrs. Kasitz says this saving is about 15 per cent and is due to 2 things—hens waste less feed and hens do not use feed up in energy running around the henhouse. Also, they are more contented as they do not have to fight for feed.

The Answer to High Quality

And the big payoff on the Kasitz farm is they have been getting a year-around premium of 10 to 12 cents a dozen for their straight-run eggs. "Caging the hens is the only answer to production of high-quality eggs and we think the farmer will have to meet this challenge to keep in the egg production business," says Mr. Kasitz. Eggs from the Kasitz farm will grade out about 75 per cent large double-A.

When they get their new laying house completed Mr. and Mrs. Kasitz plan to use the present house as a brooder for replacements. "Culling will be continuous and we believe we will need to bring in replacements every 2 months the year around," says Mrs. Kasitz.

"Like under any other management system the caged layers should be of high quality as to livability and production," says Mrs. Kasitz.

While the poultry project is the most successful one on the Kasitz farm at this time, Kansas State College Extension specialists are still skeptical about caging being practical on most Kansas farms. However, they are watching the experiment with great interest.

Thank You

We enjoy *Kansas Farmer* and all its interesting sections.—Mrs. Charles Wolf, Rt. 5, Miami Co.

COMING, NEXT ISSUE

Sandwiches are packed into many a lunch box these days and we had you in mind when we prepared our feature story entitled, "Sandwiches for the Lunch Box." We include a recipe for molasses brown bread for sandwich variety, and several other suggestions for using good, solid protein foods in various combinations. Watch for this in the *Home Department of Kansas Farmer* for November 7.

Master Farmers Elect Officers

FRANK YOUNG, of Kingman, was elected president of the Kansas Master Farmer group at a business meeting held during the Kansas State Fair, Hutchinson. Sidney Walton, Shields, was elected vice-president; Dick Mann, Topeka, secretary-treasurer; John Stephenson, Downs, chaplain; William Stutz, Utica, delegate to State Board of Agriculture meeting; Ed Visser, Riley, alternate delegate; William

Stutz, crop reporter for the group.

The Kansas Master Farmers and Master Homemakers were guests of the State Fair Board at the fair, and guests at a banquet given by the Hutchinson Chamber of Commerce. Both Governor Ed Arn and U. S. Senator Frank Carlson spoke at the meeting.

Dick Mann, associate editor of *Kansas Farmer*, has served the Master Farmer program for years.

Honor a Kansan

A former Kansan has won a national agricultural honor.

Dr. C. Wayne Cook, Fort Hays Kansas State College graduate, and Dr. L. E. Harris of the Utah Agricultural Experiment Station, are 1953 winners of the \$5,000 Hoblitzelle Award in Agriculture. They also received gold medals for most outstanding contributions to American agriculture. Their work is in animal nutrition and range management. Doctor Cook, former assistant state range examiner in Kansas, has been in Utah since 1943.

More Telephones

A record high percentage of telephones on farms is shown in an annual survey made by the USDA, and just released. On July 1, 1953, about 42½ per cent of U. S. farms had telephones, an increase of 2.2 per cent over a year ago and 4.3 per cent above 1950 Census.



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A 10-year record of "building new" on the Santa Fe

Christened with California champagne, Santa Fe's first multiple-unit diesel locomotive rolled out of Chicago on Tuesday, May 12, 1936.

It powered the first *Super Chief*.

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There were 5400 "horses" in that one.

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Every diesel added, every mile of heavier rail, makes America's New Railroad a little more completely new. Why, enough new rail has been laid on the Santa Fe in the last seven years alone to reach from Chicago to Los Angeles!

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WIBW Television Is Newest Addition to Capper Farm Publications

WIBW-TV the new Capper Publications television station, has set November 15 as target day for the first telecast.

Hundreds of thousands of dollars worth of electronic equipment have been purchased. In Topeka, WIBW-TV engineers are busily engaged in erecting and testing the new equipment—with an eye toward the first program November 15.

WIBW-TV is an addition to a long list of successful Capper farm and home publications. The opening telecast will mark the 60th year of growth and expansion for Capper Publications, Inc. The late Senator Arthur Capper purchased the North Topeka Mail in 1893 and the intervening years

saw a rapid expansion of the far-flung publishing firm.

The Capper group now includes, in addition to WIBW-TV, 2 national magazines, 5 state farm papers, including *Kansas Farmer*, 2 daily newspapers, a weekly newspaper, 2 radio stations, a printing company, and an engraving company.

WIBW-TV will telecast over channel 13 and will be an affiliate of the CBS Television Network. General Manager Ben Ludy said all present TV sets will be able to receive WIBW-TV without additional equipment.

Already scheduled by the program department are many of the popular network programs which are sure to be worth seeing.

Can Grade Potatoes for Baking, Boiling or Mashing Qualities

By WILLIAM G. AMSTEIN, Kansas State College

QUALITY in Irish potatoes includes more than meets the eye. Most of us will recall eating Irish potatoes with different qualities. Some have appealed to us as mealier than others, especially when used for baking or mashing. The next meal prepared from this lot of potatoes may not have carried the same mealiness. There is very little that you can tell about this quality by looking at the potatoes before preparing them.

Thus far, most experimental work has been directed at improving the outside appearance of the potato or its eye appeal. However, this has very little to do with their cooking or eating qualities. At present thruout the country potatoes are largely bought on their looks. As a result, some of the best-looking potatoes have only looks and little or no eating quality.

In recent years egg candling has been developed as one means of measuring the inside quality of eggs. This would not be possible if only the shell appearance was considered. An answer for potatoes may be put into operation in the future that takes in more than looks in providing an answer on mealiness or eating quality.

Colorado and New York experiment station workers, in co-operation with the USDA, have been especially interested in this subject of potato quality. They have found that large differences in specific gravity and mealiness of potatoes exist between varieties as well as within any one variety of potatoes, even those from the same hill or plant.

Most varieties of potatoes have some mealiness in each lot or hill no matter how they were grown. However, it has

been found that no matter what the variety or how it was grown, there will be great difference in mealiness and specific gravity even in the same 10-pound lot.

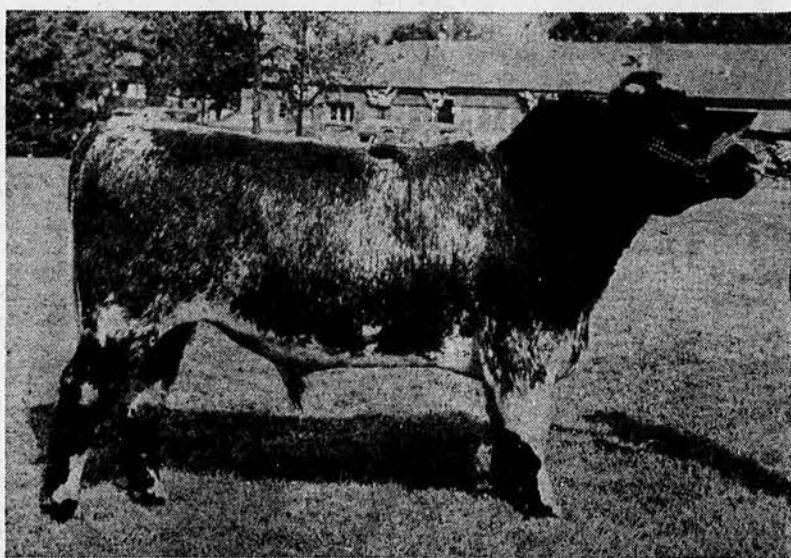
By means of the flotation or specific-gravity separation method, it is possible to separate potatoes into different degrees of mealiness. In this manner potatoes best suited for frying, boiling or baking can be selected from any lot.

Will Change Buying

Some practical application of this specific-gravity grading system may be expected. Sometime the potato bins in your grocer's store may be labeled, pointing out baking, boiling, mashing or some similar quality terms. At present the practice of marking the bins with variety names does not give the consumer very much to go on as far as cooking quality is concerned.

Machines are being developed that will separate potatoes by this specific gravity method. For example, potatoes that float in a solution of 22 ounces of common salt in 11 pints of water are not mealiness. Those that sink are mealiness. If containers with salt solutions of other concentrations were available, the degree of mealiness could be determined. This at first may not seem of much interest or importance. However, the declining rate of consumption of Irish potatoes in this country is of real concern. It cannot all be blamed on increased competition of other products. A large part of it may be due to the simple question of quality. The major emphasis for the last 10 years has been devoted too much to looks of potatoes.

GRAND CHAMPION MILKING SHORTHORN BULL



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COMING EVENTS

October 17-24—American Royal Livestock Show, Kansas City, Mo.

October 19—Anderson county, Home Demonstration Unit Achievement Day, Welda high school, 10 A. M.

October 19—Cloud county, Starr and Colfax Extension township election, Miltonvale grade school.

October 19—Ness county, 4-H Club rifle team organization annual meeting, Ransom Gun Club range.

October 19—Neosho county, dairy production and marketing meeting, Erie.

October 19-21—American Milk Goat Record Association National Meeting, Columbia, Mo.

October 19-22—Doniphan county 4-H Club tractor and electric clinic, Hutchinson.

October 20—Cloud county, Grant Extension township election, Jamestown high school.

October 20—Osborne county, artificial breeding information meeting, Osborne.

October 21—Rice county, Lincoln township meeting, Chase grade school, 8 P. M.

October 21—Chautauqua county, feed lot tour, Sedan.

October 21—Hamilton county, township meeting, Syracuse, 7:30 P. M.

October 21-23—Annual Turf Conference, Manhattan.

October 22—Elk county fall feed lot tour.

October 22—Labette county dairy tour, 1 p. m.

October 22—Barton county, Home Demonstration Unit Achievement Day, Holington City Auditorium.

October 22—Elk county, fall feed lot tour.

October 22—Labette county, dairy tour and night meeting, Altamont, 2 P. M. and 8 P. M.

October 22-24—Corn Show Celebration, Jewell, tentative.

October 22-24—Eighth Annual Waterloo Meat Animal Show, National Dairy Cattle Congress Grounds, Waterloo, Ia.

October 23-24—5th National Corn Picking Contests, 1,200-acre Mecherle farm, 9 miles east of Bloomington, Ill.

October 24—Riley county, Home Demonstration Unit Achievement Day, Pottorf Hall, 6:30 P. M.

October 26—Jackson county corn field day, Holton.

October 26—Barton county, Busy Beavers 4-H Club meeting, Beaver School, 8 P. M.

October 26—Osage county, Home Economics advisory committee meeting, Lyndon.

October 27—Brown county livestock tour, with Ray M. Hoss and Wendell A. Moyer, of KSC.

October 27—Johnson county, Achievement Day, Olathe Legion building.

October 28—Doniphan, county-wide beef tour, 10 A. M. to 3 P. M.

October 28—Morton county, all-day livestock and crops school with Frank Bieberly and Lot Taylor, of KSC.

October 28—Rice county, Atlanta-Lyons township meeting, Agricultural Building, 7:30 P. M.

October 28-29—Annual meeting of Flint Hills Hereford Association, Cottonwood Falls.

October 29—Brown county, Corn Club dinner with L. E. Willoughby, of KSC, speaker.

October 30—Cloud county, Farm Management Association meeting, Concordia.

October 30—Seward county, pasture and legume tour, Light Ranch, Liberal, 1:30 P. M.

October 30—Jackson county beef tour, Holton.

October 30—Woodson county dairy tour with Ralph Bonewitz and Russell Stover of KSC.

October 30-31—Arkalah, Annual Fall Festival, Arkansas City.

October 30—Halloween Festival, Paola.

October 31—Annual Halloween Frolic, Hiawatha.

October 31—Ellsworth county, Heart of Kansas all-breeds beef show, Ellsworth.

November 1-7—Ness county-wide CROP drive.

November 2—Rice county, Farm Bureau Association meeting, Agricultural Building, Lyons.

November 2-5—Sheridan county, annual Extension Conference, Manhattan.

November 4—Barton county, Home Economics advisory committee meeting, Mrs. Homer Bird, 2 P. M.

November 5-7—8th annual meeting Soil Conservation Society of America, Broadmoor Hotel or Colorado Springs Chamber of Commerce, Colorado Springs, Colo.

November 7—Ness county, 4-H Club leaders and junior leaders 16 mm. movie projector operators school, Ness City courtroom.

November 8-12—1953 Kansas Farm Bureau annual meeting, Wichita.

November 9—Rice county, Center township evening meeting, Fairview School.

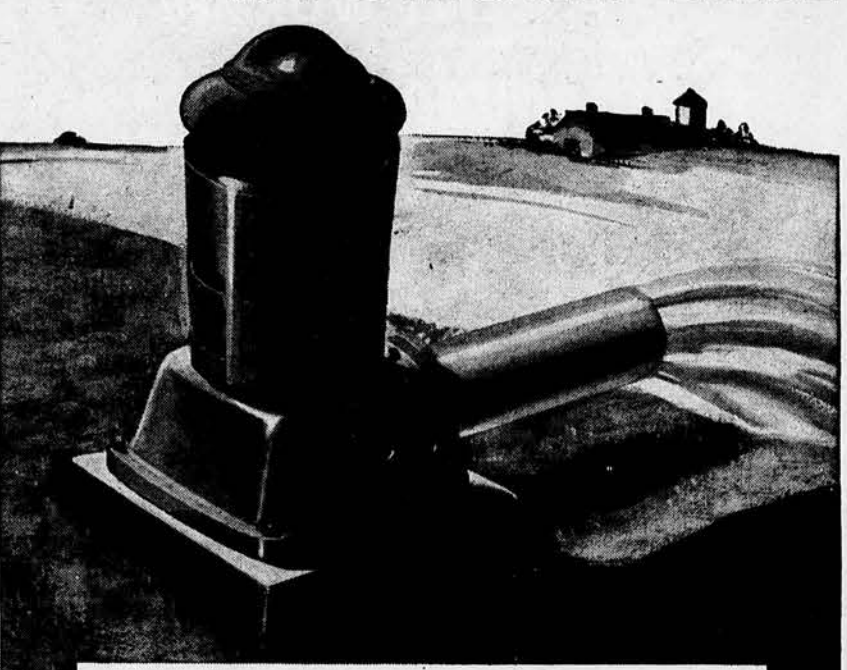
November 10—Cloud county, Home Demonstration Unit Achievement Day, Concordia.

November 10—Osage county, 4-H Club achievement party, Osage City.

Farm Tool Booklet

A new 32-page booklet is off the press giving information on hard facing of farm tools. There are 70 illustrations and detailed procedures for 30 of the most-used farm tools. For your free copy of "Adams Farmanual," published by Adams Alloy Company, write the Farm Service Editor, Kansas Farmer, Topeka, Kan.

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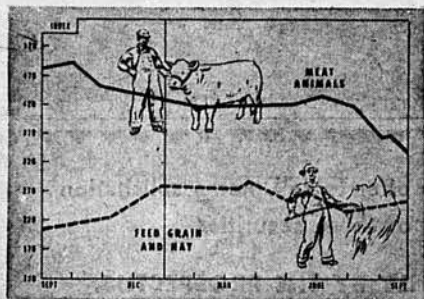
1 Genus Raillietina
2 Poultry Science, March 1952

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What to Do About Farm Surpluses And Lower Prices Up for Study

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

THE LITTLE IMPS of gloom are expected to be present at the USDA Outlook Conference in the U. S. Department of Agriculture beginning October 26. Farm economists and experts from state colleges, industry, other organizations, and from Department of Agriculture itself, will be in attendance.

Among problems to be faced: Farm surpluses, what to do with them.

Falling farm prices—falling for the last 2 years—and what to do about them.

Expected—by pessimistic economists—downturn in business generally. Some say it already is underway. How serious the downturn will be, when it will hit, how long it will last, what if anything can be done about it, will be subject of plenty of argument. Some refer to it as a needed readjustment, following years of inflation. Others are alarmed, want "something done" about it.

Why Should Farm Prices Drop?

Students of farm economists are reported to be more gloomy than most of those in other fields. And, as suggested in The Kiplinger Agriculture Letter of September 26, "with good reason." They have been seeing a farm recession developing over the last 2 years or so—during a period of the "highest level prosperity" in the economy as a whole. Employment has been at peak levels. Incomes—at any rate dollar incomes before taxes—have been high; consumer demand good, industry booming. But farm prices and farm income have been dropping.

The impact of decreased farm incomes is being evidenced in other fields. Some hold that recessions start on the farm; they can point to instances.

Others May Feel It, Too

Some straws in the wind might be listed. Credit getting tighter. Looks like a substantial cut in production of automobiles lies ahead. Appliance manufacturers have capacity to produce more than market is taking as of today, altho appliance business is not bad; many still are buying. Steel production is high—but not expected to continue as high into 1954; some predict drop of 10 to 15 per cent. Coal still is in a depression. State oil production regulatory boards are cutting allowances in many fields. There has been a downturn in home residential construction. In industrial field, there is fear many industries are over-expanded. Outlook Conference expected to indicate total business drop in 1954.

Looking for Export Markets

Wheat and cotton are scanning the horizon in search of export markets, and not finding them under present and apparently near-future world conditions. Exports are the big factor in

prices of wheat and cotton; in fact, most major crops not used in production of livestock. Seven exportable crops, Wayne Darrow points out in his Washington Farmletter, use one third of total cultivated acres—more than one fourth of their production went to export last year.

Two-Price System Gets Attention

No question about it, the national Administration is under pressure to find some way of exporting these surpluses. And foregoing explains why the proposed 2-price systems for wheat is getting a lot of attention these days.

One of the 2-price systems proposed for wheat would allow sale of wheat for export—and for feed domestically in one of the proposals—at corn prices. That would be about \$1.70 a bushel. Translated into export market transactions, that is equivalent to \$2.05 a bushel, Fort William, Canada. And it is the top world wheat agreement price.

"To move their surpluses," comments Darrow, "the United States and Canada must cut prices. Canada probably will be forced to make a deal with Britain"—which refused to sign the International Wheat Agreement this year. United States faces low export prices on wheat; still larger export subsidies if wheat surpluses continue, along with 90 per cent parity support prices.

Possible consolation prize for wheat producers. If the slump should be serious, long continued, consumers would cut down probably first on meats, then eggs, dairy products, luxury foods, and consumption of wheat for human food might rise slightly on a per capita basis—and there are more and more "per capitas" as the population continues to increase.

May Not Be So Bad

In all fairness it should be said many business analysts are far less pessimistic than the "farm economists." Many of these see only a small slide downward generally, but a continued high level of business. If these analysts are right—and no one as of today can "prove" them wrong—the impact on Agriculture should not be as serious as most of the farm economists right now fear.

Will Question Price Spreads

Secretary of Agriculture Ezra T. Benson has directed a survey into the difference between farm prices and consumer prices at retail. Somehow, decreased farm prices have not been followed by similar decreases in retail prices; many who eat at hotels and restaurants are convinced that every time farm prices drop, menu card prices edge up.

What the survey likely will show is that there are an increasing number of "middlemen" to be taken care of. Most
(Continued on Page 37)

I WONDER HOW THAT STARTED...

"To Dance Juba"

Earliest known mention of the so-called Juba dance is in 1834. The dance is a noisy, rollicking dance popular among Southern Negroes a hundred years ago, says Charles E. Funk, Chester, Vt. Head, feet and hands were all in motion simultaneously. E. H. Patterson, P. O. Box 22, Franklin, Kan., asked us about this old saying. He says back in the 1880's his mother used the expression when she was giving me a peach sprout spanking. She'd say, "I'll make you dance Juba, young man!"





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folks think of the retailer, possibly the wholesaler, as the "middlemen." Actually there are many more; from the time wheat leaves the farm until the consumer buys the loaf of bread, an increasing number of "middlemen" collect theirs. And all along the line the higher wages call for higher overhead and higher prices.

Also, a gent named Uncle Sam is quite some middleman—thru taxes. Those taxes, the increasing taxes collected by states and local taxing units, have to be paid before the farm products reach the consumer; even including sales taxes.

What the Secretary Said

At the National Plowing Contest Secretary Benson assured farmers the Government will not let them down; assured again that he will use existing laws to ease pressures from the cost-price squeeze. And he is doing that. But in another talk the following week—maybe it was the second week after his farm speech—Benson pointed out: (1) cotton and wheat are being priced out of the export markets, just as (2) butter is being priced out of the domestic market, and (3) high-priced corn is hurting the cattle industry. These get the 90 per cent parity price supports—and United States Government is buying plenty of bushels and bales and pounds.

Tax Reductions to Come

Washington talk still is of tax reductions. The 11 per cent increase in individual income tax rates voted in 1950 expires December 31, 1953, and it is not intended to renew it. Ditto the excess profits tax, on corporation earnings, renewed last summer until December 31. There also is "encouraging"

Thank You

We enjoy *Kansas Farmer* very much and find many interesting articles.—Mrs. W. L. Somers, Rt. 1, Sherman Co.

emanations from official circles that the increase from 47 per cent to 52 per cent on corporation net incomes—voted the same time the individual rate was hiked—a corresponding 11 per cent—will be allowed to lapse in April.

But, on the other hand, in a speech in Boston last month, President Eisenhower warned that—

"no labor, no tax, no service—is too hard to bear to support a logical and necessary defense."

And there is a steady deluge of frightening stories from official and unofficial sources as to the horrific effects of Russia's probable use of H-bombs, guided missiles, submarines, upon the American people, and particularly upon metropolitan centers, industrial areas, and military defense installations.

Will Be a Hot Session

The next session of Congress promises to be a humdinger—from the showman viewpoint. Spenders and economizers; high support-price supporters and those who fear the long-time effect of these government subsidies; labor leaders enraged because the Administration indicates it will not demand repeal of Taft-Hartley; whether the anticipated needs for defense will be met by increased instead of lowered taxes, or by new taxes, or by continued deficit (inflation producing) spending—it will be a hot session. An interesting one to follow. There are many major decisions to be made, which will affect us all.

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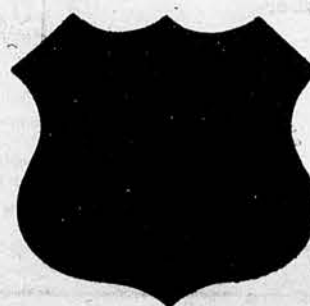
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What Farmers and Ranchers Said at Drouth Relief Meeting

COMPLAINTS, recommendations, and comments were made to the Senate Agriculture sub-committee hearing headed by Senators Andrew F. Schoepel (R., Kans.) and Stessard Holland (D., Fla.) at Ottawa, on Tuesday, October 6.

This hearing was held to get views of farmers and ranchers on adequacy of measures now in effect, and those that should be taken in effort to give relief from drouth conditions, according to Senator Schoepel.

Phil Davis, of Butler county, brought out the point that county lines do not give good coverage of smaller communities suffering from drouth conditions. He suggested that the community PMA group was a good starting point to administer the program instead of by counties.

R. L. Farrington, chairman of the National Drouth Committee, and acting director of the Farm Credit Service, explained that counties were found to be the most convenient size unit to administer the program on a national basis. He added that action could still be taken and that counties have been included in the program even tho parts of them were not damaged by the drouth.

A Marion county farmer asked Senator Schoepel what progress was being made on a previous request to get into the program and was assured Marion county's application was being pushed thru on all levels.

Considerable discussion was devoted to whether the present program should be broadened to include other aspects of the livestock industry. It was sug-

gested that all basic herds be given aid. This would not deny aid to the financially successful, purebred herds, dairy herds, yearlings or calves.

Mr. Farrington answered that this would be to approach the situation with an entirely different philosophy than it was originally intended and would cost much more money than has been made available.

A Crawford county bank representative asked about eligibility of farmers for refinancing loans under the program. It was answered that only in some instances under FHA would refinancing be allowed.

The question of why hogs were not eligible to receive feed under the program was asked by a farmer from Jefferson county. Senator Holland's answer was that in setting up the program, hog producing areas of the Nation were not so severely affected by drouth and so hogs were not included in the program.

Senator Schoepel indicated the program will be continued as long as the

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For those who are overweight we have a supply of booklets entitled, "Eat and Grow Slim." How to reduce safely and comfortably is the keynote. Sample meals for one week are included, together with calorie count of all ordinary foods. For this booklet, send 5 cents for mailing cost to Farm and Home Service Editor, *Kansas Farmer*, Topeka, Kan.

drouth situation continues, and add that the request for aid to feeders fairly general.

At the conclusion of the meeting was brought out by Dean L. C. Williams, director of Extension, Kansas State College, that every person at meeting was working on the same problem and was trying to get out trouble. None of the 250 farmers or businessmen were working on opposing teams. Their common enemy was drouth and the disaster seems larger than the money.

Other members of the panel were Earl Kellhorn, member of the state drouth committee and president of the Kansas Livestock Association; R. Downie, banker member of the state drouth committee; Representative Clifford Hope, chairman of the House Agriculture Committee; Wendel Beck, chairman of the state Production and Marketing Administration and chairman of the state drouth committee; Darrell Dunn, state director of Farmers Home Administration, and C. M. Mouser, assistant chief clerk of the Senate Agriculture Committee.

Must Be Shift To More Livestock

There is no simple solution to problems of agriculture, it was covered by several hundred farm leaders who met at a 2-day farm forum at Kansas State College, October 5 and 6.

During the 2 days, farm leaders heard speeches by some of the outstanding economists in the United States, held round table discussions on problems presented, then tried to reach agreement on what they had heard.

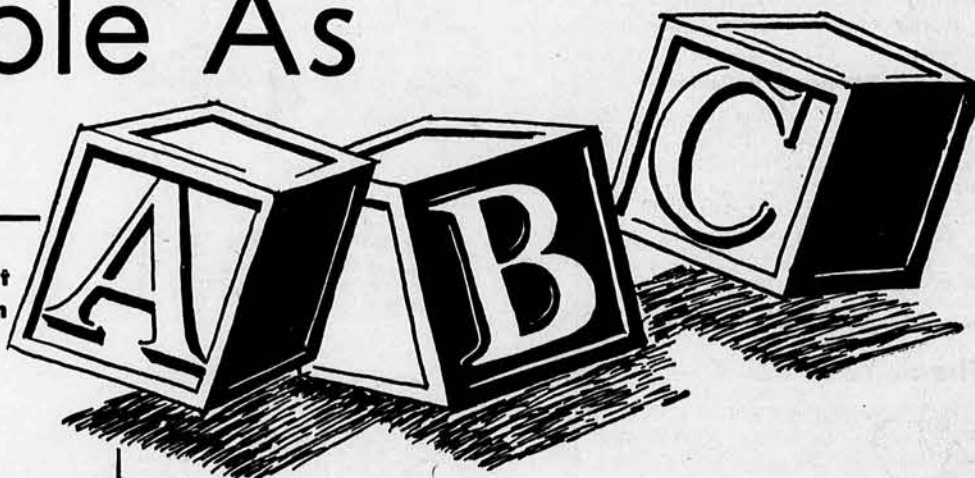
After the forum they concluded farm problems are many and complex that solving one may create another that all are inter-related; that farm policies or programs affecting one phase of agriculture cannot ignore other phases of agriculture or be conducted independently without regard to effect; that not all groups have the same objectives or goals and that there are many conflicts of interest within agriculture and between agriculture and other segments of our economy that we must recognize the long-time inter-dependence of these various segments of our economy and that help one segment prosper for a short time at the expense of other segments is not a solution; that farmers probably should reduce production (especially of wheat) to somewhere near actual demand; that farm people must continue to leave the farm for other types of employment if farming is to maintain a high standard of living; that there must be more shift from grain production to livestock production in the next 25 years.

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ROYALLY ENTERTAINED AT HUTCHINSON



KANSAS MASTER FARMERS and Master Farm Homemakers were royally entertained at Kansas State Fair as guests of honor of the fair board and the Hutchinson Chamber of Commerce. Here, following a banquet in honor of the 2 groups, Mrs. M. N. Hendrikson, of Atchison, president of the Master Farm Homemakers, and Frank Young, Kingman, president of the Master Farmers, pose with Governor Edward F. Arn, left, and U. S. Senator Frank Carlson, right. (Picture courtesy Hutchinson News-Herald)

Approve Watersheds

Five Kansas watersheds were approved by the USDA, October 1, for participation in the 5 million dollar small dam-soil conservation "pilot" program. Forty-two projects are authorized. Nineteen others await declaration of local sponsorship and USDA approval.

Kansas projects given final approval, with total cost, first year cost, and estimated time to complete:

Bill's Creek, embracing 25 square miles in Jackson county, Delaware Valley, final cost, \$200,000, four years to complete, initial appropriations fiscal

year 1954 (commencing July 1, 1953), \$50,000.

Little Delaware-Mission Creek, 44 square miles, Brown county, Delaware Valley, \$540,000, five years, \$100,000.

Lost Creek, 20 square miles, Lincoln county, Saline Valley, \$216,000, three years, \$70,000.

Snipe Creek, 26 square miles, Marshall county, Blue Valley, \$160,000, four years, \$40,000.

Switzler Creek, 33 square miles, Osage county, Osage Valley, \$250,000, five years, \$50,000.

Kansas projects originally proposed, but not yet approved:

Claussen Creek, 17 square miles in Osborne county, Solomon Valley, total \$102,000, first year \$30,000.

Uehlin Creek, 10 square miles, Decatur county, Sappa Creek Valley, total \$32,000, first year \$15,000.

New USDA Yearbook Is Out

Two Kansas State College graduates and a former staff member are among U. S. authors of parts of the new yearbook of the USDA—"Plant Diseases."

M. A. Smith, graduate of the college, is co-author of the section on market diseases of fresh fruits and vegetables caused by fungi. Herbert F. Bergman, who also holds a degree from the college, is author of the section on disorders of cranberries. S. C. Salmon, formerly on the staff of the college, is co-author of the section on rust diseases of wheat, oats, barley and rye. All 3 are with the USDA.

The new yearbook presents information on causes and control of many diseases of important crop plants. There are practical details and discussion of fundamental biological facts.

Attend Youth Meeting

Two Kansans took an active part in the national conference of Rural Youth of the United States of America, October 1 to 4, at Bloomington, Ill.

Byron Bird, Great Bend, is first vice-president of the organization. He represented the Barton County Rural Life Association in RYUSA. On the opening program of the annual conference he gave the response to the "Welcome to Illinois" address.

Velma McGaugh, assistant state 4-H Club Leader, spoke on "Just Plain Leading" at a leadership workshop on opening day.

RYUSA is composed of young people between teenage groups and adult organizations. Representatives of 13 national rural youth organizations in America meet annually. Joining with 300 delegates this year were 50 young people from 7 European countries, the Philippines and India.

For Tasty Wieners

When taking wieners on a picnic, put them in a thermos jug or bottle (wide mouth), filled with boiling water and they will be ready to eat when you arrive at the picnic.—Mrs. R. R. C.



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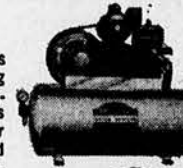
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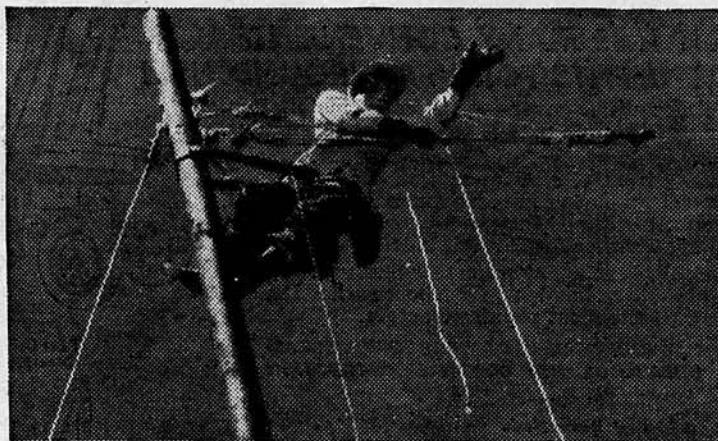
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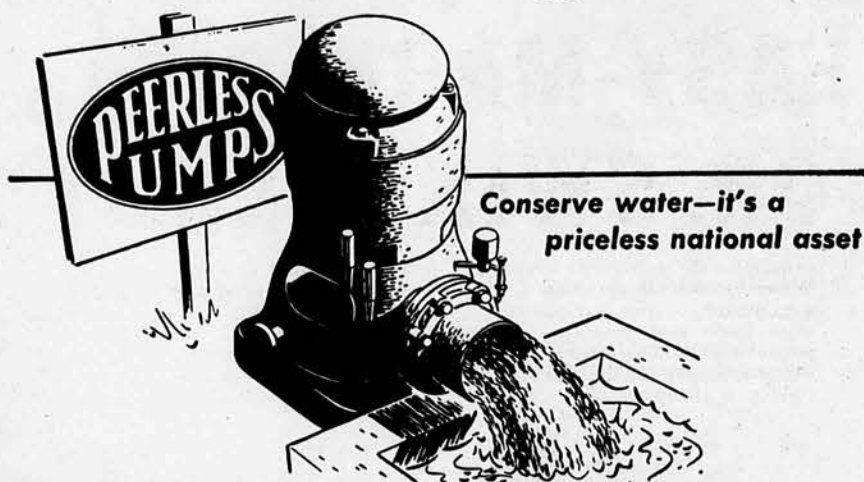
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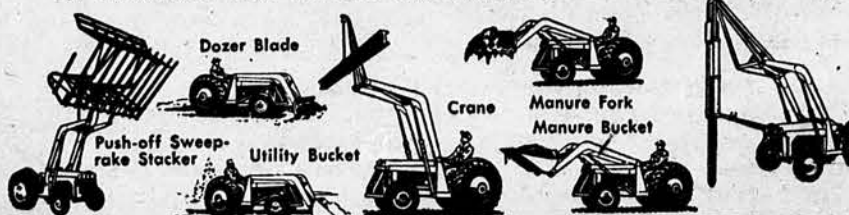
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Here's What's Going on in USDA

(Continued from Page 5)

did make an off-the-record talk about how he hopes to make the department function. He is a thoughtful, calm-speaking man. Believes in strengthening American agriculture thru research and education. Seems to have good understanding of farm problems. We got the impression farmers will not be "left holding the bag," or be made to sacrifice while others are untouched if there is any possible way to avoid it.

Recently Secretary Benson released a statement which read: "It is my earnest desire to have the programs of the Department of Agriculture reflect what farm people want . . ."

After talking with many farmers and farm organization heads, he found they agree that the research and education phase of the agricultural program should be strengthened.

His statement further read: "Once again farmers are caught in a squeeze between rising prices for things they buy and lower prices for what they sell. This is just another in a whole series of comparable emergencies that farmers have had to face in the last 30 years."

"Primarily we have been attempting to deal with these situations on a short-term basis. We shall have to continue to do so until we can work out a more permanent solution . . ."

Briefly, we believe the present farm program will be used to the fullest extent where necessary, adjustments will be made as they seem advisable. The department of Agriculture is open to suggestions from farmers at any time.

Tough on Plant Disease

Out at Beltsville we were told that an antibiotic put on plants moves thru the plants and will control bacterial disease. As little as one three-hundred-thousandth of an ounce of streptomycin on a plant was enough to protect it from disease. Plants showing severe blight symptoms were cured by dipping the leaves and stems in a 0.05 per cent solution of the antibiotic.

Help With Weed Fight

Weeds are the most expensive items on American farms, Beltsville scientists said. The average ragweed plant requires 3 times as much water as corn . . . on each acre of cultivated land you lose at least 8 per cent of the value of products produced due to presence of weeds. But in the last 25 years fantastic progress has been made in chemical weed control; most phenomenal advances in the last 10 years.

Three important developments: Discovery of herbicidal properties of 2,4-D, the introduction of pre-emergence weed control, and development of low-gallonage application. Chemical weed control will supplement, not replace, improved cultural practices. Scientists cannot recommend a chemical for every weed or crop, but they are tending to greatly increase the number of herbicides used, and to use each for very specific plants and purposes.

At present the U. S. is using well over 30 million pounds of 2,4-D and 2,4,5-T and MCP a year. During 1950 and 1951 about 25 million acres of farm lands were treated annually with 2,4-D for weed control.

Boosting Meat-Type Hog

Beltsville is breeding for the meat-type hog, the right hog that will put more weight into better pork. About 300 litters of pigs are farrowed each year there. The project is concerned primarily with development and testing of superior inbred lines of hogs from crosses involving 7 breeds. But meat-type hogs come in all breeds, the station says. Producing them depends on proper selection, breeding, feeding and marketing at the right weight—

all within reach of the average farmer. They can raise just as many pigs, grow just as fast, use feed just as efficiently, and have carcass yields just as high as the best fat-type hogs, the station reported.

Studies on how hogs use feed reveal that 200 to 225 pounds is their best weight for market. Above that weight, the station finds, most hogs turn too much of their feed into fat.

The meat-type hog is a better bargain on two counts, Beltsville folks say: 1—He gives more lean meat per pound of live weight; 2—his pork has greater consumer appeal. Most hogs are sold largely by weight alone, which gives farmers little incentive to raise meatier animals. Yet, judged on carcass value, a meat-type hog is sometimes worth \$2 to \$3 more per hundred pounds live weight than other hogs in the same weight group.

That's why merit selling of hogs should be the rule rather than the exception. First moves in that direction have been made. Hog grades developed by USDA are in use by some packers on a limited scale. Consumer demand for leaner pork should bring the meat-type hog into its own, Beltsville folks say.

Plants Kill Pests

Chemicals that can be absorbed by plants to kill insects feeding on them are being studied at Beltsville. New since 1945, work so far has been to determine how well insecticides will control pests on ornamental plants. Florists and nurseries are using them. It is hoped, of course, time will come when this idea can be used widely on farm crops as protection against pests.

Fertilizer Boost for Pasture

Where to put fertilizer for establishing pasture came in for discussion. From tests explained it looks as if drilling grass and clover seed at a depth of 1/4-inch and placement of fertilizer in bands one inch below the seed, with the soil packed over the seed, may be the answer to the problem of establishing grassland crops for pasture, silage and hay.

To Protect You

Safety for human beings in using chemicals isn't overlooked by the Department of Agriculture at Beltsville. Many insecticides are toxic to man. A respirator is used there as a standard to test each new insecticide. Beltsville folks note the effects of new insecticides on aphids when the chemicals are filtered thru various respirators. Aphids have been established as standards for tests, and by noting the effect of any chemical on them, scientists can determine how the chemical will affect man.

Many Silage Experiments

Grass silage is an important subject at Beltsville. Keeping air out by use of sealed silos shows losses in silage value can be held as low as 5 per cent. Grass silage production jumped from 1.5 million tons in 1944 to 8 million tons in 1951, and is still increasing rapidly. So a great many experiments are being conducted at Beltsville on how best to handle it, what to add to improve odor, carotene content, keeping quality.

—Raymond H. Gulkerson.

Homemade Candy Treats

Any time is a good time for the old-fashioned treat of homemade candy. For your copy of, "Better Homemade Candy," published by the Corn Products Refining Company, send 3c to Home Service Editor, Kansas Farmer, Topeka, Kan.

Little River and Shawnee Mission Win Coveted Golden Emblem

By HELEN ANKENY

TWO KANSAS chapters of Future Farmers of America were among 45 in the U. S. honored by receiving the golden emblem award at the 25th Anniversary National FFA convention in Kansas City, October 13, in the organization's National Chapter contest.

Chapters receiving the highly-coveted golden emblem plaque were the Little River, Milton Kohrs, adviser; and Shawnee Mission, H. D. Garver, adviser.

Located in South Central Kansas, such recognition has come to the Little River FFA chapter and local Future Farmers in the last few years. In 1952 the chapter won a silver emblem rating at the national chapter contest.

Despite last year's drought, members of the Little River chapter produced 4,500 pounds of beef; 14,345 pounds of pork; 12,100 pounds of lamb and mutton; 70 pounds of wool; 79,930 pounds of milk; 55 bushels of sorghum grain; 8,712 bushels of wheat. The 45 members have a total net worth of \$36,890.18.

Ninety-five per cent of the members produced the necessary feed for their livestock or produced it in partnership with their fathers. All but one member

vention headquarters, have played a big part each year in making preparations for the national convention. They have been hosts to guests from Pakistan, Iran, Jordan, Ireland, Denmark, Switzerland, England, Burma, Hawaii, India, Thailand and Mexico. Recently, a group of 12 scientists, feed manufacturers, and government officials from France, Italy and Belgium, paid the chapter a half-day visit.

Shawnee Mission was host to the first FFA leadership school held back in 1931. Today, similar schools are held in 10 Kansas districts, and Shawnee Mission has sent leaders to every school since the one in 1931.

In the early years, the chapter's average net income was between \$35 and \$40. Today, the chapter owns equipment and supplies totaling \$2,000.

Twenty years ago, thru individual donations, they presented food, gifts and clothing to an unfortunate family at Christmas time. This practice has continued each year since. One year the boys assisted in repairing home damages incurred during the flood. The farm lads have helped each year in polio and cancer drives. Other community practices started years ago consist of soil testing, educational bulletin boards, weed control, roadside demonstration plots for weed control and fertilizer use.

With the exception of 3 years, a gold emblem award has been won by the Shawnee Mission chapter each year since it was chartered 25 years ago. In 1935 they won first place in the National Chapter Contest; and they were awarded the gold emblem plaque by the national organization in 1951.

This year the chapter sponsored a 2-day airplane trip thru Kansas and Oklahoma on a sight-seeing trip in Eastern, Central and Western Kansas and Northern Oklahoma. Stops were made at Woodward, Okla., and Manhattan, Kan., for visits to the college experiment stations.

Shawnee Mission FFA officers at the time the chapter report was entered in the National Chapter Contest, were: Carlyle Thompson, president; William Nulls, vice-president; Richard Darnell, secretary; Darrell Arnold, treasurer; Ralph Russell, reporter; and William Penland, sentinel.

Enjoy Honey Recipes

We now have a new supply of our leaflet containing a large number of honey recipes. For your copy of "Honey Recipes," send 5c to the Home Service Editor, Kansas Farmer, Topeka.

Thank You

I enjoy Kansas Farmer very much and find many useful ideas.
—Mrs. James Hart, Rt. 2, McPherson Co.

ed purebred sires in their livestock program; and 95 per cent have purebred registered females. Two members, Ermit Case and Gene Wilson, are in the purebred business of raising livestock.

One of the largest community services rendered by Little River Future Farmers and Mr. Kohrs, was spraying for control of weeds and insects. Last year the Little River group organized the FFA Sprayers Association.

Chapter officers at time entry was made in the national chapter contest were: Delbert Hayes, president; Norman Reed, vice-president; Frank Carlson, secretary; Gene Wilson, treasurer; John Whiteman, reporter; and Uvon Johnson, sentinel. Honorary members were W. H. Barker, Charles Wilson, Paul Perry, Sam Rickabaugh, Lyons; and E. Friesbi, Fulton.

Shawnee Mission's chapter story closely parallels that of the National FFA organization, for the Shawnee Mission Future Farmers too are celebrating their silver anniversary this year.

Shawnee Mission Future Farmers, located so close to the Kansas City con-

GRAND CHAMPION HOLSTEIN FEMALE



HEERSCHE POLKADOT CAREY, grand champion Holstein female at Kansas State Fair, Hutchinson, was shown by Heersche Brothers, Mulvane.

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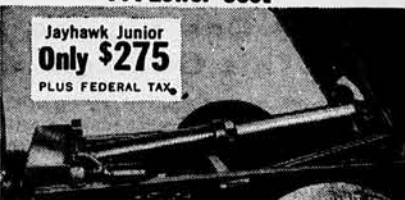
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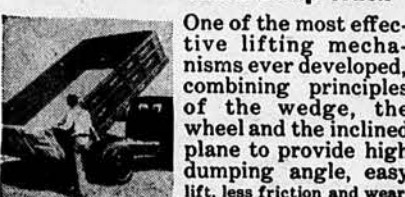
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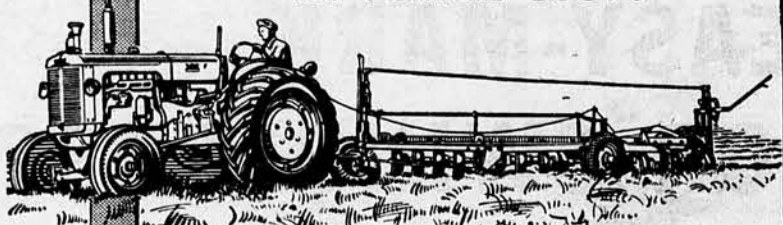


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Advantages like these make the mighty MM Model G just right for your 5 plow tractor needs: high-compression cylinder head for maximum fuel economy; force-feed lubrication to all vital parts; 5-speed transmission ranging from 2.5 to 13.8 mph.; internal expanding shoe type brakes for quicker stops; starter and lights as standard equipment; comfortable Flote-Ride seat that shortens long working days; large twin-disc, hand operated clutch for easier, safer operation and easier control; Visionlined design for unobstructed vision.

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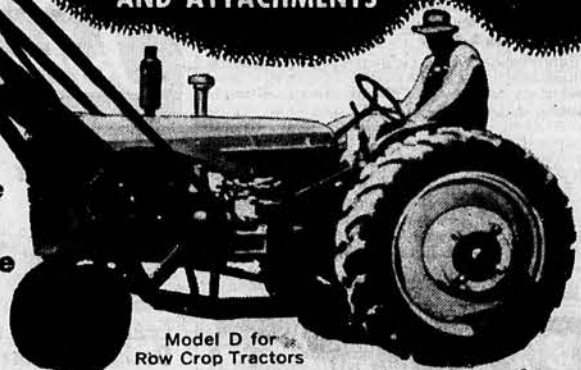
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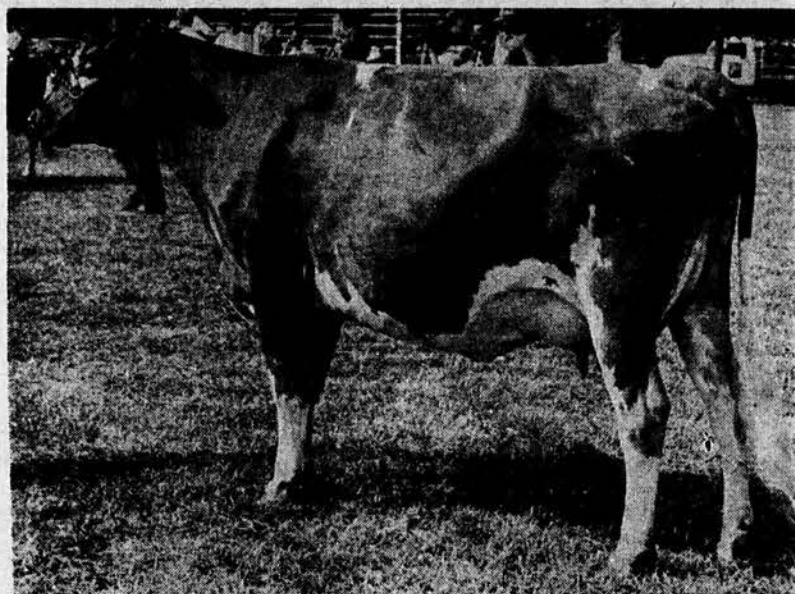
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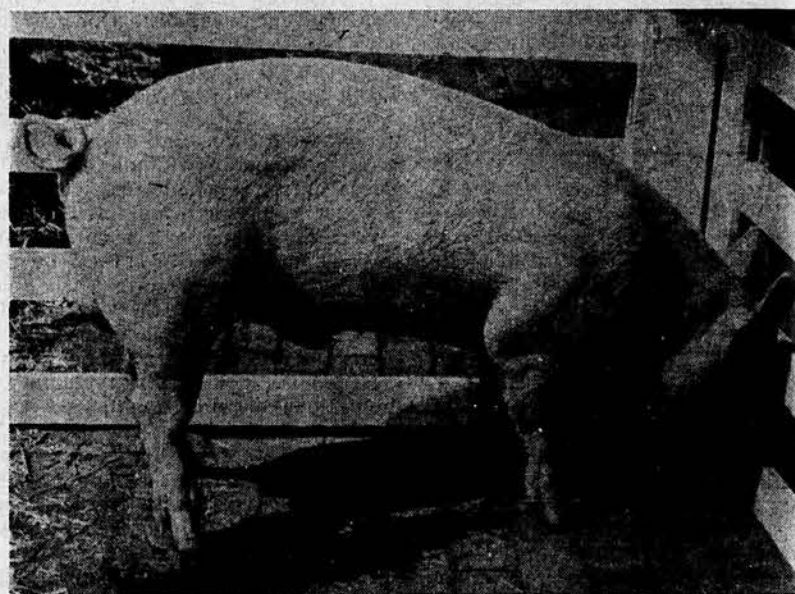
L-606

GRAND CHAMPION GUERNSEY FEMALE



MEADOWLARK ACME PET, grand champion Guernsey female at Kansas State Fair, Hutchinson. Shown by Herman Schrag, Pretty Prairie.

GRAND CHAMPION YORKSHIRE BOAR



GRAND CHAMPION Yorkshire boar honors at Kansas State Fair, Hutchinson, went to this unnamed entry of Ralph Schulte, Little River.

GRAND CHAMPION BERKSHIRE BOAR



GRAND CHAMPIONSHIP Berkshire boar honors at Kansas State Fair, Hutchinson, went to this unnamed entry of Ediger Brothers, Buhler.

U. S. Flying Farmers Meet in Kansas

Kansas flying farmers were hosts to the national organization at this year's annual convention, held at Wichita, September 24 to 26.

Sen. Frank Carlson was on hand Thursday afternoon to dedicate the new national headquarters building at Wichita's new municipal airport southwest of the city. The building will house the staff of the national office, the staff of the national Flying Farmer magazine, and association's insurance division.

The convention was a highlight of the state's celebration, at Wichita, of the 50th anniversary of powered aviation. Attendance at the convention was 1,200 members from 37 states with 750 light planes.

Resolutions adopted: Urged Civil Aeronautics Administration, for benefit of private fliers, to retain as large a proportion as possible of low frequency radio stations as long as possible; urged the CAA administrator to aid in producing co-operation of necessary authorities to lessen the burden of procedure and expense of international crossing; extended a life membership to President Eisenhower.

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For Sale: Like new International 62 combine with motor, cut 140 acres. One new 8 by 14 ft. heavy duty farm trailer, equipped with hoist and 10 x 15 dual wheels. One used Gehl ensilage cutter in very good condition, complete with pump. Roy Geller, Junction City, 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.

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

Extracted—Pure as bees can make it.
60-lb. Can Clover, FOB, \$12.00
12-lb. Can Clover (Postpaid to 800 mi.) 3.85
12-lb. Can Mixed (Postpaid to 800 mi.) 3.50
Order Promptly — Supply Limited
HAHN APIARIES, 1715 Lane St., Topeka, Kan.

Pepper, \$2.25 pound; Cinnamon, Sage, Caraway, \$1.00. Postpaid. Peerless, 538J Centralpark, Chicago 24, Ill.

Texas tree-ripened grapefruit and oranges pre-paid express. Write for prices. O. L. Stroman, Mission, Tex.

PATENTS AND INVENTIONS

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

OF INTEREST TO WOMEN

Thrilling, Profitable Home Business. Make fast-seller, chenille monkey, dress 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, Ray-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.

90 All New, full size lawn ornament and novelty patterns, up to 20" high. Only \$1.00. Mastercraft 102KC, 7041 Olcott, Chicago 31, Ill.

OF INTEREST TO ALL

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

Bargain Offer—100 finest quality double-edge razor blades, \$1.00 postpaid. Save 50%! Satisfaction guaranteed. W. Northern Sales, Lake City, Ark.

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

REMEDIES—TREATMENTS

Latest Methods treating piles, fistula, colon-stomach disorders. Write for free book. McCleary Clinic and Hospital, E1040, Excelsior Springs, Mo.

WANTED TO BUY

POPCORN

We are in the market for popcorn, both yellow and white. Send samples if possible and advise the kind and approximately how much you have to offer and whether it will be on the ear or shelled.

F. A. MANGELSDORF SEED CO.
Box 466 Atchison, Kansas

November 7

Will Be Our Next Issue

Ads for the Classified and Livestock Section must be mailed not later than Tuesday, October 27, so they will be in our hands by

Wednesday, October 28

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

Livestock Advertising Rates

Effective February 1, 1951
½ Column inch (5 lines) ... \$3.50 per issue
1 Column inch ... \$9.80 per issue
The ad costing \$3.50 is the smallest accepted. The smallest public sale ad accepted is 1 column by 2 inches, costing \$19.60.
Publication dates are on the first and third Saturdays of each month. Copy for livestock advertising must be received on Tuesday, eleven days before.

MIKE WILSON, Livestock Editor
8th & Jackson
Kansas Farmer - Topeka, Kansas

THE ANNUAL CENTRAL KANSAS HOLSTEIN BREEDERS FALL CONSIGNMENT SALE

At Hutchinson, Kansas
Wednesday, November 4, 1953
(Kansas State Fairgrounds)

85 HEAD REGISTERED HOLSTEINS

Featuring the Complete Dispersal of the
LEWIS TOPLIFF HERD of FORMOSA, KANSAS

One of the most intensely Clyde Hill bred herds in the Southwest.

Built on the blood of the famous and great transmitting brood cow, Fanny Zuba Rock River (Excellent), lifetime producer.

Through her grandson, Clyde Hill Emperor Ormsby Rock, now in service in the Newman herd in Indiana.

The Toppliff herd consists of nearly 40 head, 20 cows, a few bred heifers, open heifers, and calves, the "Marilla" herd sire and a son of the "Very Good" "Daisy" cow, and "Daisy" sells, what are they worth to you? You can start where Lewis is forced to leave off.

OTHER CONSIGNORS:

FRANCIS WEMPE, Lawrence, consigns a 1947, (Very Good) cow with 545 fat 2 X, and her son, sired by Poestenkill Posch Burke whose dam is (Excellent) with 695 fat.

GROVER MEYER, Basehor, has 3 bred heifers, toppers, his own breeding, and a young bull sired by the famous Selum Fobes Triune, sire of show winners and production.

R. S. LYMAN, Burrton, sells 3 bred heifers, all due sale time two are bred to (Excellent) bulls and the other to a (Very Good) sire. Here are 3 to equal the best ones he ever owned, and he has had the tops.

J. WM. MUDGE, Gridley, consigns 5 head, 1 cow, due sale time, and 3 daughters of Heersche Smoky Master, paternal brother to "Sarah." Also, a 1947 daughter of Meierkord Sir Triune, his dam (VG) with 604 fat.

FLOYD WITHERS, Pratt, has a consignment of 11 head, which includes the (Very Good) Nemaha Royal Creator Burke, one of the greatest daughters of Burgers "Royal" bull. She was born in 1946. Here is choice goods. All the bred animals carry the service of Nemaha Reroyal General, top-selling bull in the Kansas State Sale, a son of the national record (VG) "Marie" cow of Burgers. He has grown out into a great dairy bull. "Marie" carries the national 3-year-old record with her 980 fat. Also, selling a son of Nemaha Reroyal General from Maytag Dictator Burke Ellen, one of the tops in the Maytag dispersal.

PHIL J. STUCKY, Pretty Prairie, sells 5 head, including a granddaughter of Dunloggin Design, and her two daughters. With her comes two bred heifers, bred to the Kanza Plebe Dexter, whose dam is (VG) with 643 fat 2 X. Phil says these are the same quality he has sold his neighbors in the past, and it means, just that.

T. H. McVAY, Nickerson, is selling a real group of bred heifers. Two are paternal sisters to the \$10,000.00 new Butterfly herd sire, "Princewayceas" he and the heifers being by "Pebble Beach Prince of Wayne" plus proven. 4 daughters of Strathaven Supreme Request. Honorable Mention All-American. The entire offering are either fresh 2- & 3-year-olds or heavy springers of the same age. You can also, buy a ready-for-service show bull, with top production.

OTHER CONSIGNORS WHOSE ENTRIES THAT HAVE NOT ARRIVED

As always in this sale we have some of the top cattle. This one includes 3 (Very Good) cows, great breeding and records. Brood cows. Also, we have cows for the man that wants milk and not interested in the classification.

This could well be termed a "bred heifers" opportunity, however, there are plenty of foundation young cattle, and some 4-H heifers, and only 7 bulls but they are the real ones.

You will have to be there, to see, to look, to buy.

Only in a dispersal like the Toppliff herd can you buy years of Clyde Hill blood concentrated in one herd, selling in one day.

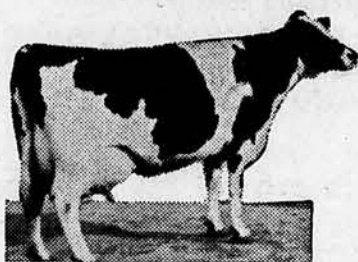
All cattle properly tested with 30-day tests, and individual health papers. Nearly all cattle have come up thru calfhood vaccination. Certificates of same.

Be at Hutchinson, at 11:30 A. M., November 4.
That is when the sale starts, no later.

Auctioneers: Bert Powell, Topeka Mike Milson with Kansas Farmer
T. Hobart McVay, Sale Manager, Nickerson, Kan.

NORTH CENTRAL KANSAS

HOLSTEIN SALE



Washington, Kansas

October 26, 1953

Sale at the Fair Grounds at 1:00 P. M.

60 HEAD OF REGISTERED & GRADE CATTLE

40 Cows In Production—7 Selected Bulls

All of the cattle have been selected by the Sale Committee from the best herds in North Central Kansas.

HEALTH PAPERS WILL BE FURNISHED TO ALL PURCHASERS

Bert Powell, Auctioneer

Mike Wilson for Kansas Farmer

HOLSTEIN FOR SALE

Daughter of Sir Bess Tidy to freshen in about 30 days. Two records over 600 lbs. fat.

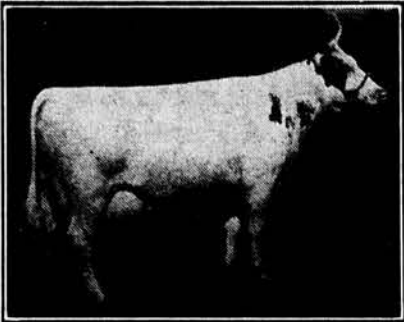
ALVIN YOUNG

Minneapolis, Kan., Route 1

REGISTERED HOLSTEINS HIGHER VIEW DAIRY FARM

125 head Clyde Hills & Crescent Beauty Admirals; serviceable-age bulls for sale or lease; you can raise and use a baby bull and receive ½ interest in him; an occasional 4-H and FFA heifer for sale; sometimes have good young cows for sale; have cows up to 800 lbs. fat, 2 time milking; visit our Rite-Way Milking Parlor.
J. D. & E. E. FELLERS, Hays, Kansas
4 miles north of Hays, Highway 183

THE THIRD ANNUAL
**Kansas Ayrshire
 Production Sale**
Nov. 3 — El Dorado, Kan.
 12 o'clock noon



**Selling
 50 HEAD
 TOP AYRSHIRES
 All Ages**

All with breed average as minimum production requirement. Selection of outstanding calves for 4-H and FFA projects. Consigned by leading Kansas Ayrshire Breeders. In times of feed shortages it's smart to replace two mediocre producers with one high producer.

For information and catalog write

Dwight E. Hull, Secretary
 KANSAS AYRSHIRE BREEDERS ASSN., El Dorado, Kansas
 Auctioneers: Mike Wilson and Walter Hand

REGISTERED AYRSHIRE SALE

**OTTAWA,
 KANSAS**
 AT THE FARM

**October 27,
 1953**
 1 P. M.



THIS IS A VIEW OF OUR COWS IN PRODUCTION.

48 Head Production Bred Registered Ayrshires

30 Cows and Bred Heifers, 12 fresh by sale day. Others are heavy springers. 18 Calves and Yearlings. Some outstanding 4-H prospects. 2 Production Bred Bull Calves. 4 years DHIA. Herd average on 25 cows—9351 pounds of milk and 401.5 pounds fat. Herd officially classified. Some of the best bloodlines are represented in this sale.

WRITE FOR CATALOG

WAYNE ANDERSON, Owner, Ottawa, Kan.

Mike Wilson, Auctioneer

DON'T MISS IT — THE GRACELAND COLLEGE REGISTERED JERSEY COMPLETE DISPERSAL SALE

The sale will be held under tent at GRACELAND COLLEGE

Lamoni, Iowa — Wednesday, October 21

Sale Starts at 12:30 Noon — Lunch on Ground

65 HEAD SELLING:

3 HERD SIRES SELL—Brampton Signal Pinn—5 years—a 7 Star son of Brampton Violet Pinn; Graceland Advancer—2 years—Double grandson of Favorite Commando. Standard Basileus Leader—Yearling son of Scudders Basileus, the highest classified bull of the breed. 39 COWS—mostly young. 12 TWO-YEAR-OLD BRED HEIFERS. 10 OPEN HEIFERS. 8 HEIFER CALVES. 1 BULL CALF a son of the "Pinn" bull. Herd on DHIA Test—A number of 300- and 400-pound cows and up to 700 pounds. A calfhood vaccination program has been carried. All cattle tested for TB and Bang's.

NOTE—LAMONI, IOWA, is on highway 69 just 4 miles north of the Missouri-Iowa line.

Write for sale catalog to DONALD J. BOWMAN, Sale Mgr. & Auct., Hamilton, Mo.

Leaving the Farm. Registered Herd of BROWN SWISS CATTLE

for sale. 5-year-old Bull. 5-year-old Cow. 3 fine Heifers, full sisters. Best pedigrees.

EPH MEIER, Route 2, Hope, Kan.

BROWN SWISS For Sale

Large bred heifers, bred to son of Colonel Harry, due to freshen soon. Dams with records up to 550 lbs. butterfat. Nice yearling heifers, sired by son of Colonel Harry. From production dams. Serviceable-age bull, rich in the blood of Jane of Vernon. Production backed.

Ross W. Zimmerman
 Abbeville, Kansas

GUERNSEY HERD

With butterfat average for 1952 of 425 lbs. and 1951 of 486.9 lbs., has 2 yearling bulls for sale. DHIA Records. Price \$125.00 each.

N. LEROY NEWCOMB, Morrowville, Kansas

• AUCTIONEERS •



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

BERT POWELL

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

TREND OF THE MARKETS

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

	Week Ago	Month Ago	Year Ago
Fed Steers	\$26.00	\$27.50	\$35.50
Hogs	23.50	25.85	19.25
Lambs	18.50	21.50	23.50
Hens, 4 to 5 lbs. ....	.21	.23	.21
Eggs, Standards .....	.51	.48	.45
Butterfat, No. 1 .....	.64	.54	.65
Wheat, No. 2, Hard	2.34%	2.35%	2.47%
Corn, No. 2, Yellow	1.52%	1.69	1.67%
Oats, No. 2, White .....	.86%	.86%	.95%
Barley, No. 2	1.26	1.24	1.53
Alfalfa, No. 1	—	—	45.00
Prairie, No. 1	—	—	30.00

Public Sales of Livestock

Ayrshire Cattle

November 3—Kansas Ayrshire Breeders Production Sale, El Dorado, Kan. Dwight E. Hull, Secretary, El Dorado, Kan.

Aberdeen-Angus Cattle

October 21—Blackpost Ranch & D Bar S Ranch, Olathe, Kan. J. B. McCorkle, Sales Manager, Smithville, Mo.

October 27—Wayne Anderson, Ottawa, Kan.

October 27—Fennely & James, Hamilton, Mo.

October 27—B. McCorkle, Sales Manager, Smithville, Mo.

November 5—Annual State Sale, Hutchinson, Kan.

December 7—Annual Registered and Commercial Sale, Dodge City, Kan.

March 29, 1954—Ericson-Thalmann Davis, Hutchinson, Kan.

Guernsey Cattle

October 23—Kansas Guernsey Breeders 11 Annual Sale, Hutchinson, Kan. C. J. Graber, Secretary, Route 1, Newton, Kan.

Hereford Cattle

October 20—Kansas Hereford Association Sale, Topeka, Kan. Tom Sullivan, Sale Manager, Hutchinson, Kan.

October 21—Salina Hereford Sale, Gene Sundgren, Sale Manager, Salina.

October 24—Beliden & Schuetz, Horton, Kan.

October 24—Haven Hereford Association, Haven, Kan.

October 29—Kansas Flint Hills Association, Cottonwood Falls, Kan.

November 2—Sumner County Hereford Breeders, Wellington.

November 3—Lincoln County Hereford Association, Sylvan Grove, Kan.

November 3—Calloway County Hereford Breeders' Association, Arkansas City, Kan.

November 9-10—Sunflower Futurity, Hutchinson.

November 11—W. H. Tonn & Son, Haven, Kan.

November 12—Belly Acres Ranch, Paxico, Kan.

November 19—Matheson & Reisch, Natoma, Kan.

November 23—Solomon Valley Hereford Association Sale, Osborne, Kan.

December 2—Tredway 8th Sale, Oakley, Kan.

December 4—South Central Hereford Association, Newton, Kan.

December 12—Glenn I. Gibbs, Manchester, Kan.

Sale at Clay Center, Kan.

December 16—Salina Hereford Sale, Gene Sundgren, Sale Manager, Salina.

January 23, 1954—Walnut Valley Hereford Ranch, Walte Bros., Winfield, Kan.

Polled Hereford Cattle

October 17—O'Bryan Ranch, Hiattville, Kan.

October 26—Walbert Ravenstein, Adams, Kan.

October 31—Leo Ebel & Son, Wamego, Kan., and W. R. Zimmerman & Son, Alta Vista, Kan.

Sale at Alma, Kan.

November 7—O'Bryan Ranch, Registered Calf Sale, Hiattville.

November 13—H. H. Carrothers Polled Hereford Dispersion, Paola, Kan. Vic Roth, Sale Manager, Paola, Kan.

November 13—O'Bryan Ranch Polled Herefords, Hiattville.

November 20—Central Kansas Polled Hereford Association, Herington, Kan. O. J. Shields, Sales Manager, Lost Springs, Kan.

November 21—Jesse Riffel & Sons, Enterprise.

November 30—Kansas Polled Hereford Association, Vic Roth, Sale Manager, Paola.

Holstein Cattle

October 19—H. A. Meier Complete Dispersion, Abilene, Kan.

October 21—Kansas Holstein Breeders Association, Herington, Kan. Roy Chamberlain, Chairman sales committee, Opeka, Kan.

October 23—Missouri State Breeders' Association, Lee's Summit, Mo. T. A. Burgeson, Sales Manager, Grandview, Mo.

October 26—North Central Kansas Holstein Breeders Association, Washington.

November 4—Central Kansas Holstein Breeders Association, Kan. T. Hobart McVey, Sales Manager, Nickerson, Kan.

Jersey Cattle

October 21—Graceland College, Lamoni, Ia. Donald J. Bowman, Sales Manager, Hamilton, Mo.

Red Poll Cattle

November 11 & 12—Annual meeting and National Sale, Topeka, Kan. F. A. Sloan, Secretary, 3275 Holdrege St., Lincoln, Nebr.

Shorthorn Cattle

October 19—Shorthorn and Polled Shorthorn Sale, Cambridge, Nebr. Thos. Andrews, Sale Manager, Cambridge, Nebr.

October 21—Bishop-Cochel-Staley, Highland View Farm, Gashland, Mo. Mervin F. Aegerter, Sales Manager, Seward, Nebr.

October 23—Nebraska-Kansas Breeders' Consignment Sale, Superior, Nebr. Mervin F. Aegerter, Sales Manager, Seward, Nebr.

November 5—Oklahoma Polled Shorthorn Breeders' Association, Show and Sale, Woodward, Okla. Bill Taggart, Sale Manager.

November 13—Kansas Polled Shorthorn Sale, Hutchinson.

November 14—Kansas Shorthorn Sale, Hutchinson.

Polled Shorthorns

October 26—Missouri Polled Shorthorn Show and Sale, Sedalia, Mo. Rollo E. Singleton, Secretary, Jefferson City, Mo.

October 27—E. G. Hartner and associated breeders, Clinton, Mo.

October 28—Nebraska-Kansas Breeders' Consignment Sale, Superior, Nebr. Mervin F. Aegerter, Sales Manager, Seward, Nebr.

Milking Shorthorn Cattle

October 30—Kansas Breeders Sale, Hutchinson. C. O. Heldebrecht, Secretary, Inman.

November 12—McPherson County Breeders' Sale, Hutchinson. C. O. Heldebrecht, Secretary, Inman.

November 16—Crest View Milking Shorthorn Dispersion, Beatrice, Nebr. Chas. Kimmerling, Owner.

Beef Cattle—All Breeds

November 10—Western Missouri Cattle Breeders' Association, Clinton, Mo.

Hampshire Hogs

October 22—R. E. Bergsten & Sons, Randolph, Kan.

October 22—C. E. McClure, Republic, Kan. (Sale at Belleville fairgrounds.)

Hampshire Sheep

November 20—Northwest Missouri Breeders' Association, South St. Joseph, Mo. F. B. Houghton, Secretary, Maryville, Mo.

Dairy CATTLE



HOLSTEIN SALE

1:00 P. M.

October 20, 1953

Sale at farm 2 miles west, 2 miles north, one mile west and 2 1/4 miles north of

KINSLEY, KANSAS

DHIA records showing 325 to 532 pounds butterfat.

35 cows and heifers, daughters and granddaughters of proven sire.

2 registered bulls, sons of proven sire.

ELRED BURKHART, Owner

Pat Keenan Auctioneers Homer Smith

WISCONSIN DAIRY CATTLE

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

Dennis R. Grosse, York, Nebr., Bx. 48. Ph. 141

11th ANNUAL KANSAS

GUERNSEY BREEDERS

CONSIGNMENT SALE

FAIRGROUNDS

Hutchinson, Kansas

October 23, 1953

SALE AT 1:00 P. M.

55 Reg. Guernseys

At Auction

20 Top Cows

25 Bred Heifers

7 Open Heifers

3 Top Herd Sire Prospects

For sale information and catalog write to

C. J. GRABER, Secretary

Kansas Guernsey Breeders Association

Route 1, Newton, Kansas

HOGS

Registered Hampshire

BOAR & GILT SALE

OCTOBER 22, 1953

Night Sale — 8:00 P. M.

at the Fairgrounds

BELLEVILLE, KANSAS

30 BOARS

20 GILTS

A few of the offering are sired by Kansas Flashy. Also some good pigs out of litters bought in dam that will make outcrosses. A major part of the offering is sired by Miracle Major.

For catalog and information write

C. E. McClure, Republic, Kan.

REPUBLIC, KANSAS

REGISTERED

HAMPSHIRE BOARS

Good heavy boned type, weight 300 lbs. 14 months north and one half east of Guiderock.

BYRON C. WENZINGER, Lawrence, Nebraska

DUROCS

Top-notch breeding. Boars now. New breeding for old customers. Call us collect.

ARTHUR E. ROEPKE & SONS, Waterville, Kan.

HAVEN HOLLOW FARM DUROC

Spring boars and open gilts by Red Wavemaster Fancy Velvet and The Rocket. Production raised to 9 1/4 pig per sow average from 16 sows this spring.

G. F. GERMANN & SON, Manhattan, Kan.

Buy Fast Growing Meaty

DUROCS

in public auctions held now. For free list write DUROC ASSOCIATION, Room 2, Peoria 3.

Use a KANSAS FARMER

Classified Ad

Only 10c a word

Beef CATTLE

Angus heifers make SUPERIOR MOTHERS

Less calving trouble

Angus heifers have less calving trouble, for Angus calves have smaller, polled-shaped heads. Gives you more calves to sell.

Give more milk

Angus cows are alert, aggressive mothers... provide more milk for their calves... Gives you bigger calves to sell. Be ahead! Build an Angus herd! Buy Black heifers!

American Angus Assn., Chicago 9, Ill.

2 REGISTERED ANGUS BULLS

For Sale. Age 30 months. Also some females and young bulls. Priced reasonable. Ph. 35F4 Hanover. ALBERT GOECKEL, R. 2, Washington, Ks.

The Circle R Ranch Sale of POLLED HEREFORDS

at the ranch just east of

ADAMS, KANSAS

Mon., Oct. 26, 1953

Sale at 1:00 P. M.

SELLING 66 HEAD

14 Bulls, 42 Females, Calves

Walbert J. Ravenstein, Owner
Adams, Kansas

Vic Roth, Sale Manager, Hays, Kansas

POLLED HERFORD BULLS AND HEIFERS



From 12 to 18 months old. Also cows with calves at side. Due to the long drought these cattle are priced very reasonable. Phone 1404 Woodbine.

GEORGE L. RIFFEL & SON
Hope, Kansas

FOR SALE — OUR 1953 REGISTERED POLLED HERFORD CALVES

at the
R. ROEL RANCH, Moore, Mont., Oct. 31
Write Box 886, Lewistown, Mont.

Beef CATTLE

McPHERSON COUNTY MILKING SHORTHORN BREEDERS' SALE

Thurs., November 18

12:30 P. M., Fairgrounds

Hutchinson, Kansas

25 FEMALES — 10 BULLS

Cattle offered will be of the same high quality as have been offered in previous years in this annual event. A sale you can not afford to miss.

For information and catalog write:

C. O. Heidebrecht, Sale Mgr.
Inman, Kansas

SHEEP

HAMPSHIRE SHEEP, DUROC HOGS, AND MILKING SHORTHORNS
Purebred stock. Both sexes. All ages.
WILLARD WALDO, De Witt, Nebraska

REGISTERED

Hampshire Sheep Sale

Thursday, October 22

at 12:30 P. M.

Dispensing our Foundation Flock

90 HEAD EWES—10 RAMS

This sale offers an opportunity for you to purchase foundation individuals backed by years of careful breeding.

Harold Tonn and Karl Boves, Auctioneers

Write for information

32 miles south of Kansas City

L. G. "Tommy" Wilson

LOUISBURG, KANSAS

When Writing Advertisers

Mention

Kansas Farmer

KANSAS ABERDEEN-ANGUS BREEDERS ASSOCIATION

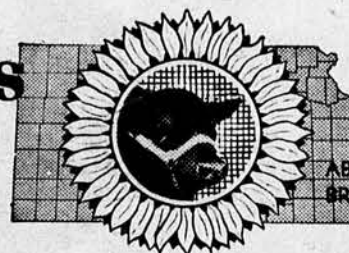
SHOW & SALE

Thursday, November 5, 1953

HUTCHINSON, KANSAS

at the State Fair Grounds

Kansas



ABERDEEN-ANGUS BREEDERS' ASSN.

78 HEAD — 8 Bulls — 70 Females

The bulls are top quality herd bull prospects and the females are the foundation kind represented by the best and most popular families of the breed.

CONSIGNORS

BLACKRIDGE STOCK FARM, Everest
FRED BOND, Overbrook
C. T. EUBANK, Coats
HORACE EUBANK, Coats
ROBERT FINNEY, Humboldt
ED FORPAHL, Augusta
HARRY GRANZOW, Herington
WARD GILMORE, Highland
HAROLD GIESS, Arnold
ENOS HONEYCUTT, Blue Rapids
JIM HONEYCUTT, Blue Rapids
HUDELSON BROS., Pomona
ROBERT HUDELSON, Pomona
WILLARD HUBER, Brownell
J. B. HOLLINGER, Chapman
HERSCHEL JANSSEN, Lorraine

CHESTER JOHNSON, Bucyrus
KANSAS STATE COLLEGE, Manhattan
McCURRY BROS., Sedgwick
JOE McQUILLAN, Clearwater
ROBERT MILLER, Highland
CHEYENNE ANGUS FARM, Great Bend
V. M. PARKS, Pomona
HARRY F. PIERCE, Hutchinson
FRANCIS PERRIER, Eureka
RUDE ANGUS FARM, Parsons
FRED H. SCHULTIS, Great Bend
SUNFLOWER FARMS, Swartz Bros., Everest
WM. SCHROCK, Kiowa
H. F. SANKEY, Sterling
HENRY TEGTMEIER, Bern
E. J. TATGE & SON, Ramona
C. E. WARD, Highland

For catalog write

Lester Ljungdahl, Secretary-Manager

Route 2, Manhattan, Kansas

KANSAS ABERDEEN-ANGUS ASSOCIATION

Ray Sims, Auctioneer

Mike Wilson for Kansas Farmer

11th Annual Kansas Milking Shorthorn Sale

1:00 P. M., Fairgrounds

Friday, October 30, 1953 — Hutchinson, Kansas

12 RM and ARM Cows classified Good Plus to Excellent—11 Bred Heifers—11 Open Heifers & 5 Bulls, including an aged Polled Bull

These cattle have been carefully selected on their own merits and also on type, production, and classifications of their ancestors. This is the Top Sale of Top quality Milking Shorthorns in Kansas. Attend the "Smorgas-board" and Get-to-Gether the night before the sale at the Hotel Stamey.

For reservations and for more information on the cattle and a sale catalog write:

C. O. HEIDEBRECHT, Secretary, Inman, Kansas

Auctioneers: Gus Heidebrecht and Associates

11TH NATIONAL RED POLL SALE At Topeka, Kansas, on November 12

Sale held in the 4-H Building at the Kansas Free Fair Grounds.

60 HEAD SELL — 16 BULLS and 44 FEMALES

35 CONSIGNORS—Red Polls coming from top herds in 10 states. A high quality offering from a breeder standpoint. The best group of Red Polls ever assembled for a national auction. THE SALES OFFERING: 16 Bulls, 10 are from A. R. dams. 18 Young Cows and 2-year-old Heifers with calves at side or heavy springers. Rest of heifers are choice bred heifers with exception of 3 head, which are open. Discriminating buyers can find what they want November 12.

PARADE AND INSPECTION OF CATTLE MORNING OF SALE.

SALE STARTS PROMPTLY AT NOON.

Sale Headquarters—Jayhawk Hotel, Topeka, Kan.

For sale catalog write to

RED POLL CATTLE CLUB OF AMERICA

3275 Holdrege St., Lincoln 8, Nebraska

Auctioneer — Bert Powell



BERGSTEN SALE CANCELLED

R. E. BERGSTEN & SON'S

HAMPSHIRE HOG SALE

October 22—Randolph, Kan.

has been cancelled

BELDEN & SCHEUTZ ANNUAL

Hereford PRODUCTION SALE

October 24, 1953

HORTON, KANSAS

Civic Center Building

70 HEAD — 25 Bulls — 45 Females

Bulls range in age from calves to serviceable age. Many herd bull prospects among them. Sired by WHR Royal Tredway 55, J. O. Royal Domino 4th and Mixer Lamplighter. Heifer calves sired by WHR Royal Tredway 55, J. O. Royal Domino 4th and Mixer Lamplighter. 12 cows, yearling heifers and calves.

OPPORTUNITY FOR 4-H CLUB AND FFA MEMBERS TO SECURE CALVES FOR PROJECTS

Top Heifers for Foundation Females. Bred Cows, some calving by sale date.

For information and catalogs write either owner:

WM. BELDEN, Horton, Kansas or

AL J. SCHEUTZ, Mercier, Kansas

GENE WATSON, Auctioneer

MIKE WILSON for Kansas Farmer

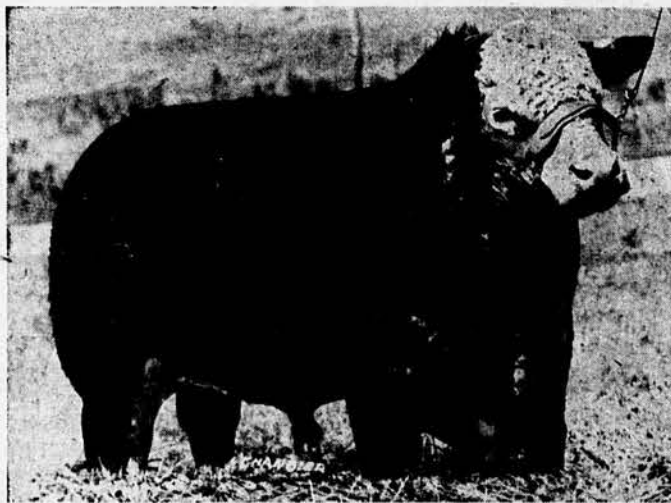


H. H. CARROTHERS
Polled Hereford Dispersion
PAOLA, KANSAS

Friday, November 13, 1953

Sale at 1:00 P. M. Selling at Ranch—Southeast Corner of Paola

60 LOTS—10 Bulls—50 Females



Selling 1—Herd sire, H. H. R. DW 161, son of Domestic Woodrow. We purchased this bull in the 1951 National Polled Hereford Show and Sale from Halberts. 6—Yearling bulls sired by H. H. R. DW 161 and Pawnee Plato. 36—Brood cows, some with calves by side, of WHR Leskan, Beau Perfect, and ALF Pawnee Mixer. 24th bloodlines. Calves sired by H. H. R. DW 161 and cows rebred to him. 5—Open heifers sired by Pawnee Plato and H. H. R. DW 161st.

Lester J. Black, Drexel, Mo., will sell in this sale: 2—Bulls, about two years of age, sired by MW Larry Domino 86th and LVF Blocky Domino 27th. 1—Top June, 1953, bull calf, sired by Overhill Royal Domino. 3—Cows with calves by side, sired by Overhill Royal Domino. 6—Open heifers.

For information and catalogs write to

VIC ROTH, Sale Mgr., Hays, Kansas, Box 702

Freddie Chandler, Auctioneer

Mike Wilson for Kansas Farmer

We Are Not 'QUITTERS'

Regardless of the Decline in the Cattle Market,
 We Are Still Offering Top Quality Herefords in Our

**SEVENTH ANNUAL COWLEY
 COUNTY HEREFORD SALE**

BULLS

34—1 to 2 years
 9—2 years past
 1—5 years old

Show at
 10:00 A. M.



COWS

4—Open Heifers
 11—Bred Heifers
 5—Cows with calves

Sale at
 1:00 P. M.

Armory Building, Arkansas City, Kansas

NOVEMBER 6, 1953

Selected From the Following Good Herds:

J. BLAINE ADAMS, Dexter
 CHAS. H. CLOUD, Winfield
 ROBT. N. HEARNE, Arkansas City
 J. C. FORBURGER, Arkansas City
 MARVIN PURDY, Oxford
 CARL RICHARDSON, Winfield
 KIM RANNEY, Arkansas City
 V. E. RANNEY, Arkansas City
 W. W. TARRANT, Rock

ALFRED TAYLOR, Udall
 KENNETH THARP, Winfield
 O. BOYD WAITE, Winfield
 KENNETH WAITE, Winfield
 LARRY & DWAIN WAITE, Winfield
 LEON WAITE, Winfield
 C. P. WILLIAMS, Burden
 JAY WILLIAMS, Burden
 RAY WOOD, Winfield

For catalog write:

CHAS. H. CLOUD, Winfield, Kansas

Mike Wilson for Kansas Farmer

**SUMNER COUNTY HEREFORD
 BREEDERS ASSOCIATION
 FOURTH ANNUAL SALE**
 Of Horned and Polled Herefords
Monday, November 2, 1953
WELLINGTON, KANSAS

Sale starts at 12:30 P. M. in the Municipal Auditorium

47 HEAD—34 Bulls—13 Females

2 Heifers and a number of Steer Calves will be
 sold only to 4-H or FFA members

CONSIGNORS:

MERLE V. McIRVIN
 Gueda Springs
 EDD ALBERT
 South Haven
 REX E. HAGGARD
 Wellington
 McDANIEL BROS.
 Danville
 CHARLIE VOLAVKA, Jr.
 Caldwell
 DAVID A. HOLLAND
 Argonia
 BRYAN PACKARD
 Wellington
 RAY RUSK & SON
 Wellington
 CARL DOWNING
 Belle Plaine
 L. D. HAGGARD
 Wellington
 JOHN L. HOLLAND
 Freeport
 PAUL M. & XAVIA PHILLIPI
 Argonia
 W. C. BENDER
 Oxford
 A. R. OGLESBY
 Wellington
 J. W. ZIMMERMAN
 South Haven
 R. L. & HUGH STEWART
 Wellington



For catalog write

RAY RUSK, Secretary

WELLINGTON, KANSAS

W. H. "Bill" Heldenbrand, Auctioneer Mike Wilson for Kansas Farmer

**KANSAS SHORTHORN BREEDERS' SOCIETY SALE
 & KANSAS SHORTHORN BREEDERS' ASSN. SALE**

at the State Fairgrounds, HUTCHINSON, KAN.

POLLED SALE November 13 — HORNE SALE November 14

Show each day at 8:30 A. M. — Sale each day at 12:30 P. M.

**54 POLLED SHORTHORNS—27 Bulls, 27 Females
 70 HORNE SHORTHORNS—35 Bulls, 43 Females**

Banquet the evening of the 13th, at the Leon Hotel.

For reservations, sale information and catalogs write

LOT TAYLOR, Sale Manager, 1436 Legore, Manhattan, Kan.
 C. D. Swaffar, Auctioneer Mike Wilson for Kansas Farmer

EBEL & ZIMMERMAN

PRODUCTION SALE
ALMA, KAN., OCTOBER 31, 1953

Sale at 4-H Barn, rain or shine.

Offering 50 Lots — 60 Head

Ebel consignment consists of 11 Bulls and 14 Females
 The Zimmerman consignment consists of 6 Polled Bulls and 20 Females
 See the Ebel & Zimmerman Show Herds at the American Royal.

**LEO EBEL & SON, Wamego, Kan., and
 W. E. ZIMMERMAN & SON, Alta Vista, Kan.**
 Gene Watson, Auctioneer Mike Wilson for Kansas Farmer

FLINT HILLS HEREFORD ASSOCIATION SHOW & SALE



October 29, 1953
Cottonwood Falls,
Kansas

The show at 9 A. M. Sale time is 12 Noon at Swope Park Pavilion

Annual meeting and banquet will be held on
October 28 at 7:30 P. M.

56 HEAD—39 Bulls—17 Females

Ranchers' opportunity to buy big rugged bulls produced in the mineral-rich Flint Hills. Breeders may purchase foundation female stock. The cattle have been sifted by a committee and the offering is tops in quality. This is one of the best offerings ever offered by this association.

CONSIGNORS

CARL BEEDLE & SON, Matfield Green
HOWARD BEETCH & SONS, Carlton
A. E. BENGE, Wichita
JOHN E. BRINK & SONS, LeRoy
IVIE CARTER, El Dorado
MRS. MURRAY FRENCH, Severy
FRANK J. GEORGE & SON, Lebo
JACKSON GEORGE, Lebo
HAYS HEREFORD FARM, Cedar Vale
KANSAS STATE COLLEGE, Manhattan
JOE LEWELLEN, El Dorado
MRS. JOHN E. LOEWEN, Peabody
VIRGIL McCORMACK, Climax
J. J. MOXLEY, Council Grove

GRANT POOLE, Manhattan
J. B. PRITCHARD, Dunlap
J. R. OVERSTREET, Newton
RAY RUSK & SON, Wellington
PHIL SANDERS, Miller
SATCHEL CREEK RANCH, Rosalia
TITUS & STOUT, Cottonwood Falls
E. S. TUCKER, Eureka
HENRY WAXER, Florence
WAYNE H. WARD, Elmdale
WILLOW CREEK HEREFORD FARM,
Gypsum
WINZER HEREFORDS, Leon

For sale catalogs and reservations write

ELMORE G. STOUT, Sales Mgr.
COTTONWOOD FALLS, KANSAS

Gene Watson, Auctioneer

Mike Wilson for Kansas Farmer

BEEF SHORTHORN BULLS

For Sale—12 to 18 months. One 3 years old. Red and roan. Sired by Gregg Farms Aureat, he by Edllyn, Valiant Mercury. Our cows are heavy milkers. S. A. HILL, Smith Center, Kan.

Yearling Shorthorn Bulls

Dark roans, sired by Upright Baronet, a grandson of Pittodrie Upright. Located 1 mile north of LaHarpe. JUNIOR ADAMS, LaHarpe, Kan.

8th Annual Lincoln County Hereford Association Sale

Sylvan Sales Barn

Sylvan Grove, Kansas

Tuesday, November 3, 1953

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

—Selling 47 Registered Herefords—

From the herds of the following consignors:



FRANK SIGLE, Hunter
BUFORD D. GEERING, Vesper
WALTER GOLDGRABE, Sylvan Grove
LEWIS A. WILLIAMS, Hunter
K O CATTLE CO., Sylvan Grove
JAMES F. WRIGHT, Vesper
ARMIN MEITLER, Lucas
J. G. & H. E. MILLER, Lincoln
H. H. BLAIR, Barnard
ELMER REBENSTORF, Sylvan Grove
OETTING BROS., Beverly
FLOYD SOWERS, Vesper
F. R. BLANDING, Barnard
GEORGE W. MURRAY, Jr., Barnard
EDWIN GOLDGRABE, Sylvan Grove

This is a very toppy group of cattle selected early in the season by the sale committee, and kept back especially for this sale. We believe these cattle are by far the best we have ever offered.

For information and catalog write

EDWIN GOLDGRABE, Sec., Sylvan Grove, Kan.

Judge: J. J. Moxley, Moxley Hall, Council Grove, Kan.

Auctioneers: Freddie Chandler and Herman Ramaker

THE SUNFLOWER HEREFORD FUTURITY

KANSAS HEREFORD BREEDERS' BANNER EVENT
OF THE YEAR



November
9—10th

at the fairgrounds in

HUTCHINSON, KANSAS

NOVEMBER 9 AT 9:00 A. M.

The ALL KANSAS HEREFORD Show

One of America's Greatest State Hereford Shows

NOVEMBER 10 AT 12 NOON

The SUNFLOWER HEREFORD Futurity

One of America's Greatest Consignment Sales

25 BULLS—23 HEIFERS

THE STATE'S TOP HEREFORDS

CONSIGNORS:

	Bulls	Cows		Bulls	Cows
Howard Beetch & Sons, Carlton...	1	0	Lappin Brothers, Jetmore...	0	2
John E. Brink, LeRoy...	1	0	J. H. and F. G. Lee, Garden Plain...	2	2
Broken Winecup Ranch, Marion	1	0	Joe Lewellen, El Dorado...	1	1
(H. M. Hauser)	1	0	Jack T. Mathews, Kinsley...	1	0
Ivie N. Carter, El Dorado...	0	1	Olivier Brothers, Danville...	0	1
Ralph Chain & Son, Haven...	1	0	J. R. Overstreet, Newton...	0	1
CK Ranch, Brookville...	1	0	Parcel Herefords, Coldwater...	2	2
Frank R. Condel, El Dorado...	1	1	Charles W. Ragland, Hutchinson...	1	3
Ray E. Dillon & Sons, Hutchinson...	1	1	A. D. Rayl, Hutchinson...	2	1
David L. Essick, Kanopolis...	0	1	Fred M. Root & Sons,		
Foster Farms, Rexford...	1	2	Medicine Lodge...	1	0
Howard Grover, Colby,			A. R. Schlickau & Sons, Haven...	1	1
(H. G. Hereford Farms)	0	2	Twin Oak Farm, Moundridge...	1	1
Hays Hereford Farm, Cedar Vale...	1	0	Walnut Hill Hereford Ranch,		
James M. Johnson, Zenith...	1	0	Great Bend...	3	1

If you want a top bull you have 25 choices. There will be 23 opportunities to buy outstanding females bred and open. Write these consignors about their cattle.

Request a catalog

THE KANSAS HEREFORD ASSOCIATION

State Fair Grounds, Hutchinson, Kansas
TOM SULLIVANT, Secretary-Manager

Mike Wilson for Kansas Farmer

Gene Watson, Auctioneer

J. J. TIPTON

COMPLETE DISPERSION SALE FRIDAY, OCTOBER 23, 1953 at the farm 5 miles northwest of **OLPE, KANSAS**

Because of ill health I am compelled to sell my outstanding herd of registered Hereford cattle. This herd consists of the get and service of J. O. Duke Pride 21st, which I purchased for \$2,000 at the L. L. Jones sale in May of 1951. The foundation are outstanding females from Royal Hereford Farm and the Kansas State Futurity Sale.

37 HEAD OF REG. CATTLE

Selling are J. O. Duke Pride 21, 7 bulls ranging from 6 to 18 months old, 7 coming 2-year-old heifers, 10 heifer and bul ispring calves, 12 cows from 4 to 8 years old.

FEED 3,000 bales of prairie hay, 300 bales oat hay and 60 tons corn ensilage. MACHINERY. Full line of I. H. C.—C Tractor and equipment. Ford Equipment, Gleaner Combine and Ann-Harbor Baler. All feed and machinery will be sold before noon.

For catalog write NEILL R. GEORGE, Waverly, Kan., or JACK NELSON, Pomona, Kan.

J. J. (JACK) TIPTON, Owner, OLPE, KANSAS

Auctioneers: Nelson & George

This Missouri Sale Is the Buyers Opportunity

50 REG. BEEF BULLS—21 REG. HEIFERS Sell On NOVEMBER 10

SELLING 34 HEREFORDS—31 ANGUS—6 SHORTHORNS
CLINTON, MO., At New Cattle Barn, Fairgrounds

Show 9 A. M. — Sale 12:15 P. M.

Sale Sponsored by the

WESTERN MISSOURI CATTLE BREEDERS' ASSOCIATION

For sale catalog write the COUNTY AGENTS OFFICE or BOX 311, CLINTON, MO.



MODERN FARMERS like J. A. Parks of Maloy, Iowa, using the gang plow above, can produce much more in much less time than the farmer of just a few years ago. In the horse-powered days of farming it took as many as 35 man-hours to produce and harvest an

acre of corn. Now, on many mechanized farms, it is done in fewer than 11 man-hours. In addition, the shift from animal power to machine power released about 72,000,000 acres from producing feed for horses and mules to producing food for the nation's tables.

WHAT EVER HAPPENED TO THE MAN BEHIND THE PLOW?

THE "man behind the plow" is still very much in the picture, but he's *up front now*. And because he is, you and your family—even the world—are better fed today.

Not many years ago the American farmer walked behind the old horse-drawn plow, worked longer hours and produced much less than he does today. But that was before the development of the "hired hands" that never tire—the tractors, trucks and implements which do the work of many men, and the petroleum fuels and lubricants which keep them running.

In the last 50 years or so, while America's population was growing from 75,000,000 to more than 150,000,000, a remarkable change was taking place in agriculture. Today 8,000,000 *fewer* persons on America's farms are producing food for 75,000,000 *more* Americans.

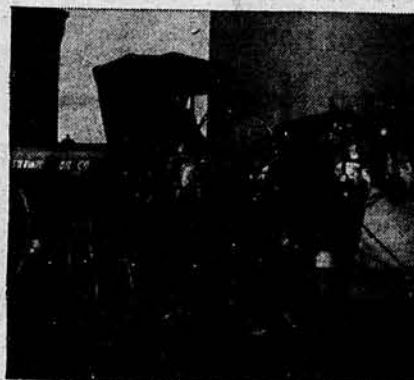
Yet America has never been better fed. It has never been better equipped to export needed foods to other countries for normal requirements, or to combat famine—an ally of communism—wherever it appears.

Never have so few fed so many so well.

To help make ours a more abundant land, Standard Oil pioneered in delivering petroleum products right to the farmers' doors in the quantities needed and at reasonable prices. This on-the-spot delivery, started way back in 1910, was vital to the rapid growth of mechanized farming in the Midwest—one of the most productive agricultural regions in the world.

So many rural customers have learned to depend on Standard Oil products and services that we now serve far more Midwestern farmers than any other oil company.

Standard Oil Company



REMEMBER WHEN children walked to school over dirt roads, often dusty, frequently muddy, sometimes blanketed with snow? Today thousands ride to school in busses over improved roads, many of which are paved with asphalt (a petroleum product). Better roads have made it easier for rural and urban neighbors to share each other's benefits. In contrast to the days when people rode horses or walked, there are now enough automobiles for every person in America to be on wheels at the same time.

STANDARD OIL agents like W. O. Smith of Greentown, Indiana, now retired, pioneered in serving Midwestern farmers with horse-drawn tank wagons. Standard Oil's convenient and efficient bulk plant system, already in existence as mechanized farming got under way in the early 1900's, encouraged many a farmer to turn to new power-driven machines. Today agents like J. V. Spriggs of Moweaqua, Illinois, shown with farmer-customer Glen Wooters, deliver everything from insect sprays to fuel oil.