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Kansas Farmer

CONTINUING MAIL & BREEZE

SEPTEMBER 17, 1949

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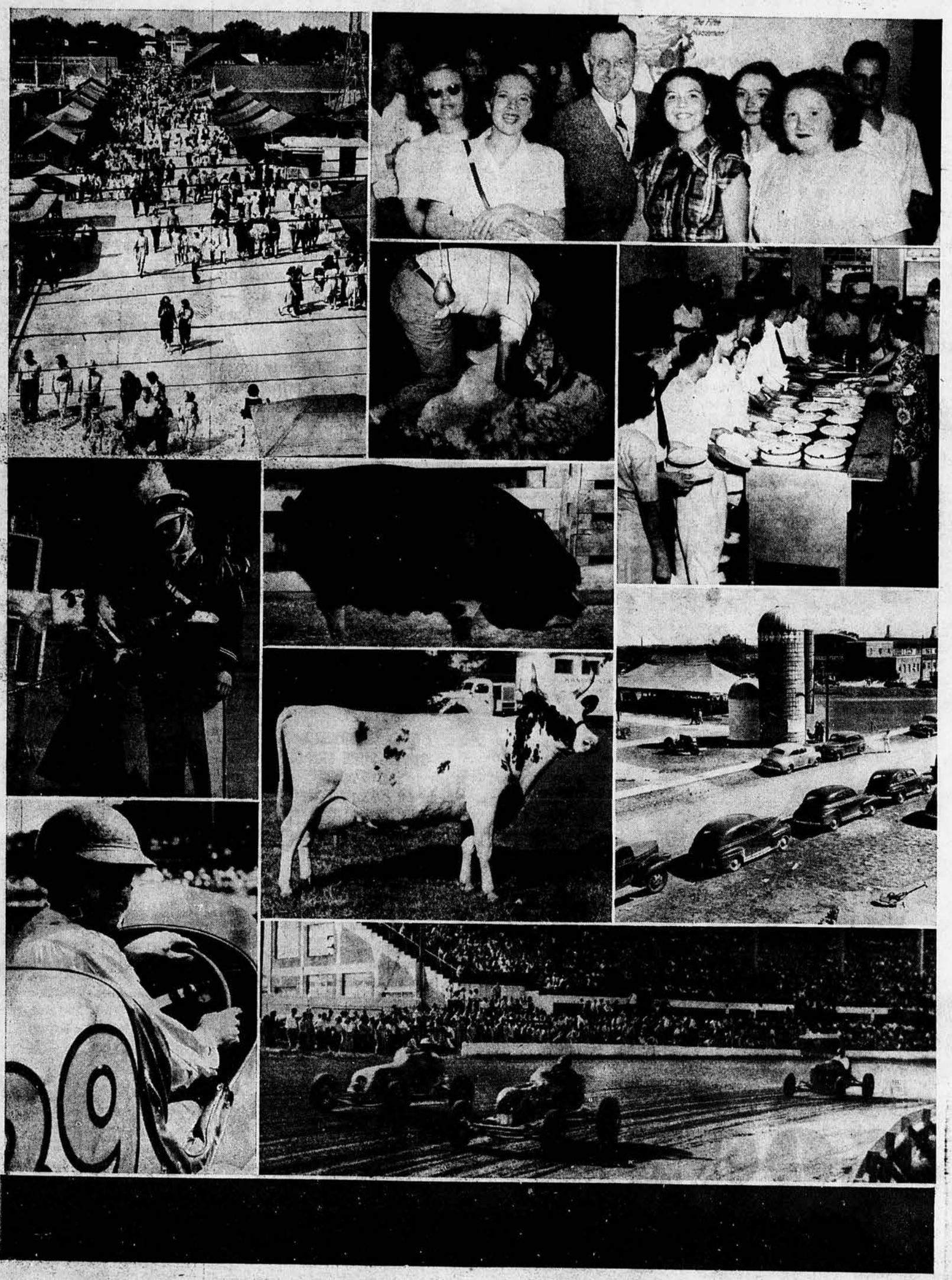

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Are you paying for traction you don't get?

New Super-Sure-Grip goes where other tires won't — yet doesn't cost you a penny more!

Just think back to those times when tire slippage held up your tractor work — when ground conditions and heavy drawbars stalled your tractor and cost you valuable time and fuel.

Now it's different. Now you can get traction when and where you need it most — with Goodyear's sensational Super-Sure-Grip tractor tire. *It goes where other tires won't — keeps your tractor working where it wouldn't work before.*

That's because this full grip-and-pull tire has all the proved superiorities of Goodyear o-p-e-n c-e-n-t-e-r design PLUS deeper bite, longer wear and far greater traction — *all at no extra cost to you.*

A look at its tread shows you lots more rubber in the lugs — which means lots more rubber *in the ground.* Bigger, broader, longer, *high-shoulder* o-p-e-n c-e-n-t-e-r lugs that grip like a deep-toothed gear wheel — giving you super-long wear and "the greatest pull on earth!"

Proof? In field test after field test this amazing Super-Sure-Grip outpulled competitive tires — got tractors through soils at heavy drawbars where other tires stalled!

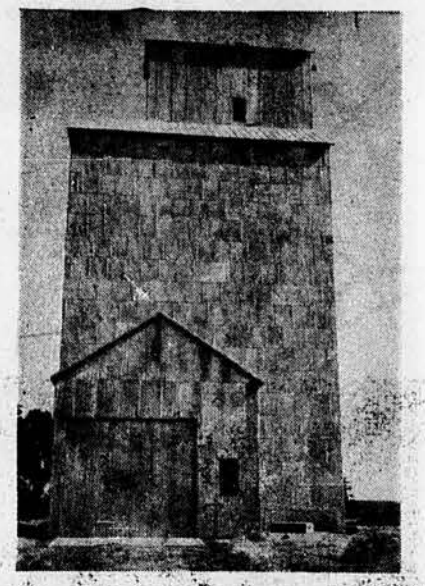
Remember — it doesn't cost you a penny more to get this keep-going traction. Just insist on Goodyear Super-Sure-Grips when replacing worn tires, and specify them on your new tractor. They're priced like other tractor tires but last longer — *and go where other tires won't!*

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

GOODYEAR

Super-Sure-Grip Tractor Tires

Wheat Elevator Worth Its Cost



Here is the new 27,000-bushel farm elevator built this year by R. E. Frisbie, Rawlins county farmer. He believes the structure is a good investment in handling his large wheat crops.

"I DIDN'T pick a very good year for building it, but I believe my farm elevator will pay for itself in time," says R. E. Frisbie, of Rawlins county.

After 3 wheat crops that each exceeded 30,000 bushels, he built a 27,000-bushel farm elevator and then got hailed out this year on much of his acreage.

The elevator, however, proved invaluable this year for handling wheat that was harvested. "Without the turning facilities in the elevator, I would have had no way of properly handling my wheat this year," he reports.

Features of the Frisbie farm elevator include an overhead door at the drive-in entrance, and a special bin and chute arrangement that will handle ground feed. It's more than just a storage bin.

Divide Chicken Dollar

Who gets the chicken dollar? A recent study made by the BAE shows that from the consumer's chicken dollar 55.4 cents go to the farmer, or producer, and 44.6 cents go for marketing.

Out of the marketing share the retailer gets 19.1 cents; wholesaler of dressed chickens, 3.4 cents; processor (including cold storage) 11.5 cents; wholesaler of live chickens, 2.2 cents; shipper of live chickens 6.3 cents; local buyer, 2.1 cents.

Grain Show in Chicago

The 27th annual International Grain and Hay Show has been set for November 26 thru December 3 in the International amphitheater of the Chicago Stock Yards. Entries close November 10.

Senator Capper on Radio

Every Sunday afternoon at 3:30 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

KANSAS FARMER

Continuing Mail & Breeze

Topeka, Kansas

Vol. 86, No. 18

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

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

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

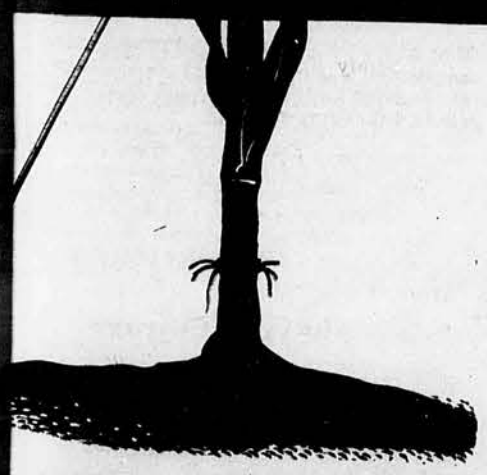
STATE COLLEGE APPLIED SCIENCE LIBRARY SEP 17 1949 MANHATTAN - KANSAS -

You study the pedigrees of the animals you select to improve your herd. You look for proved sires and proved dams, proved boars and proved gilts. That's the kind of bloodline breeding all farmers know and recognize. We follow the same program in developing our Maygold Hybrids. Proved inbreds are mated and crossed with care and exactness. Each profit making quality is bred into Maygold Hybrids with scientific certainty.

Whether it's in livestock or corn—

Bloodlines MAKE THE DIFFERENCE

EARL MAY MAYGOLD



THUMPING BIG YIELDS . . . Maygold Hybrids have the **extras** of fine breeding to turn out the **extra** bushels per acre year after year. You'll crib more corn, bank more money when your fields are Maygold planted.

RUGGED, RIGID STALKS . . . Maygold Hybrids have an anchor-like root system that holds deep and wide in the soil. Their natural, rugged strength keeps Maygold stalks standing straight and strong at picking time.

DEEP KERNELS, BIG EARS . . . You'll brag about the large ears filled clear to the tip, with kernels deep and full. The high shelling percentage will prove again your good judgment in planting Maygolds.

RICH IN FOOD VALUE . . . Maygold Hybrids put every last ounce of weight and feeding value into each ear because they stay green to fully ripen every ear.

UNIFORM PERFECT STANDS . . . Maygold Hybrids have the fight to live, to grow, to reach maturity in shorter time.

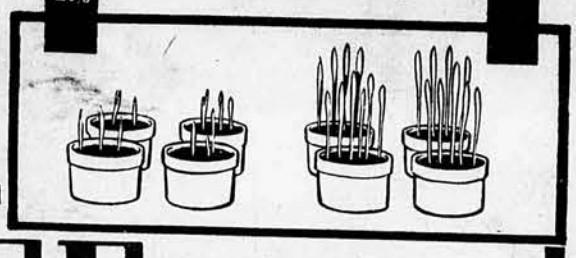
PLANTER TESTED GRADES . . . One kernel is just like another. Bag after bag carries the same precision grades. Finest precision machinery assures this exact uniformity. Eliminates time losing stops and starts . . . your planter clicks right along.

ONLY MAYGOLD HYBRIDS ARE DERMATIZED

This graph shows the results of an actual experiment in the Maygold Laboratories. (The seed corn used in this test germinated 96% under normal conditions). The seed on the right was Dermatized; the seed on the left was not. They were all planted the same day, and refrigerated for seven days with temperature ranging from 40 to 50 degrees. These conditions were far worse than your plantings are likely to meet. Dermatized seed, even under these extreme conditions, germinated 92%. The untreated seed germinated only 21%. Dermatizing, in itself, can mean the difference between a satisfactory stand and a complete replant. Dermatizing is an exclusive process of the Earl May Seed Company . . . you get its advantages only when you buy Maygold Hybrids.

92%

21%



32 EARL MAY STORES TO SERVE YOU

If you live near an Earl May Store, you'll find it a "one stop" service station for ALL your farm seed needs. You will be better served and better satisfied if you plant Maygold farm seeds.

Hundreds of "Neighbor" Representatives

Chances are, you personally know the Earl May representative in your community. He's your neighbor and a corn farmer like yourself. He's prepared to give you real help in the selection of the right type of Maygold Hybrid for your locality.

EARL MAY SEED CO.
SHENANDOAH, IOWA

Specialists in seed corn for 30 years

Get both books FREE *for the asking*

Beautiful catalog gives breeding and performance facts behind Maygold Hybrids, describes available strains and gives valuable planting information. In addition, we will send Special Booklet on Guatemalan Corns. Our interest in Guatemalan corn goes back to 1945 when our founder, the late Earl E. May, made a generous grant to Iowa State College at Ames, Iowa, for the purpose of conducting basic research in Guatemala, the land where corn was born. As a result of this grant and donations from other sources, the Tropical Research Center was established. Booklet shows pictures of many interesting types of Guatemalan corn, tells of the experiments being made at Antigua, and of the work Maygold Plant Breeders are doing with Guatemalan strains in this country.

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Gentlemen:

Please send me your Hybrid Corn Book and special booklet on "Guatemala, The Land Where Corn Was Born."

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At Left: Virgil Miller, right, new secretary of the Kansas State Fair, and William H. Wegener, center, assistant secretary, talk over contracts for rides with L. M. Schrader, Kinsley.

Below: Eighty high-school bands have accepted invitations to the Kansas State Fair this year and will help entertain thousands of visitors.

Something for the Whole Family at . . .

Kansas State Fair

By Dick Mann

FARMERS will compete for nearly $50,000 in premiums at Kansas State Fair, Hutchinson, September 18 to 23, announces Virgil Miller, new secretary.

Dairymen will divide the largest amount of prize money, with a total of $12,470 being offered. Beef cattle breeders will compete for $9,905 in prize money, and there will be $5,137 offered in the agriculture division. Members of 4-H Clubs in the state will divide $5,408 and Vocational Agriculture students $1,000.

If you fly an airplane you can land right on the fairgrounds this year. A new air strip (location on the grounds shown by map with this article) was constructed this summer and dedicated August 22. Kansas is the first State Fair to have a landing strip on its grounds.

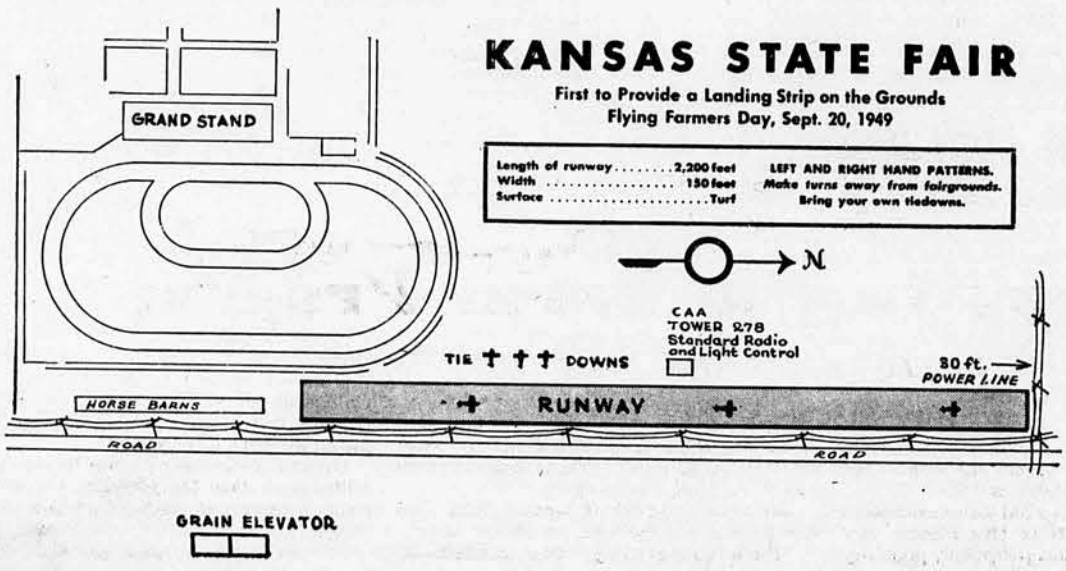
The air age in Kansas also is being recognized by fair officials who have planned a Flying Farmers Day for Tuesday, September 20, of fair week. They are expecting more than 200 farmers to alight on the fairgrounds and to participate in the day's activities. Flying Farmers will be entertained at luncheon by the Hutchinson Chamber of Commerce. They will be guests of the fair association for the rest of the day. A short ceremony will be held at the air strip during the afternoon.

Master Farmers and Master Farm Homemakers will be recognized on Wednesday, September 21. They will hold their business meeting at the 4-H Club building in the morning at 10 o'clock, will be guests of the fair association at the afternoon and evening shows, and will be guests of the Hutchinson Chamber of Commerce at a special dinner at the Wiley Tea Room at 6 o'clock that evening.

A Kansas Dairymen's Judging Contest again will be featured this year. Sponsored by Kansas Farmer magazine, the contest is for winners of the district dairy shows last spring. A total of $240 in prizes will [*Continued on Page 33*]

At Left: Skill in dressmaking is just one of many 4-H Club competitive events at Kansas State Fair. Several thousand boys and girls will compete in 4-H events this year.

Above: Many special rides for younger children are promised this year at the Kansas State Fair, September 18 to 23.



At Left: This map shows location of new airplane landing strip provided on the Kansas State fairgrounds for use of farmers who fly in for the fair.

STATE COLLEGE LIBRARY SEP 17 1949 MANHATTAN KANSAS APPLIED SCIENCE

Farm Matters AS I SEE THEM

WHY falling prices affect farmers most directly and seriously is shown by the "Market Basket" yardstick used by the Bureau of Agricultural Economics.

The market basket is the average annual purchases of farm food products for a family of 3 average city consumers. The market basket table shows the farm value equivalent quantities sold by producers (adjusted for value of by-products), the marketing margin, and the farmer's share of the consumers' food dollar.

The marketing margin is the difference between what the farmer gets for what goes into the marketing basket, and what the consumer pays.

Latest market basket report shows the consumer's market basket cost has dropped from the annual rate of $708 in July, 1948, to $654 in June, 1949.

In July, 1948, the farmer's share of the $708 market basket was $378. The share of the handlers, processors, transporters and other marketing agencies was $330 of the $708.

• •

What that shows is that the farmer's share of the consumer's dollar was 53.4 cents; the marketing agencies' share was 46.6 cents.

By the following June (1949) the picture had changed considerably.

The 3-member family paid (at the annual rate of) $654 for the market basket. That was $54 less than in the preceding July.

But the farmer's share of the market basket sale price of $654 was only $311—a drop of $67.

On the other hand, the processors, transporters, handlers and others sharing in the marketing margin, in July, 1949, got $343 of the $654.

That is, where the farmers got $67 less from the market basket price of $654 than they got from the $708 market basket, the marketing agencies got $13 more from the $654 market basket than they got from the $708 market basket.

In other words, when the price of the market basket dropped from $708 to $654, the farmer's share of the consumer's food dollar dropped from 53.4 cents to 48 cents. At the same time, the marketers (marketing margin) share of the consumer's food dollar jumped from 46.6 cents to 52 cents.

• •

The Bureau of Agricultural Economics offers this explanation:

"This downward trend in the farmer's share (of the consumer's food dollar) has resulted from 2 main causes, the reduction in retail prices and the greater relative stability of marketing charges and costs.

"Because of the greater relative stability of the marketing charges and costs, farm prices absorb the greater part of both increases and decreases in retail prices. . . .

"The farmer's share averaged 40 cents during the 5-year period 1935-39; reached a record low of 32 cents in 1932."

There, in a nutshell, is what happens to farm prices in periods of upswings and downswings. In the 5 years before World War II, the farmer got only 40 cents of the consumer's food dollar. As prices went up during the war and postwar periods, the farmer's share reached the high point of 55 cents in January, 1948. Since then it has dropped back to 48 cents, according to the BAE's market basket yardstick.

And that is why falling prices always disturb farmers. They have learned by bitter experience that they get less and less for their products as retail prices fall. The market basket formula from the BAE shows that they not only get less, but also they take a much greater proportional loss than do those who market their products for them.

These, and other factors, undoubtedly will be presented to Republican leaders at their farm conference in Sioux City, Ia., this week end. I hope the Republicans will get a better answer than the Brannan Plan.

• •

Stop Farm Fires

I SINCERELY hope no Kansas farm family suffers a fire loss this fall or winter. That would be one of the toughest blows that could fall. In a matter of minutes that friendly-enemy fire can wipe out an entire year's work, the crops that result from many hard months of labor by the family. Or it can do much worse than that. It can claim precious lives. Let me say right here I am not mentioning this subject to generate fear in your minds. You Kansas farm folks are not the type to live in fear. You go right to the bottom of whatever problem you have, clear it up, then tackle the next job on the list.

That is the reason I want to call your attention right now to a real farm danger. I say again I hope no Kansas farm family suffers a fire loss this year, or any time. But if we are to have a clear record on this score, extra care must be practiced. With Fire Prevention Week coming up October 9 to 15, I have been checking over some facts about this fire danger. Frankly, I find there is plenty of room for improvement.

For example, very careful surveys indicate that 3 out of 4 farm families are risking their lives and their property by permitting unnecessary fire hazards around their farms. That certainly isn't a comfortable thought. But perhaps being forewarned in this case is to be well armed against a very destructive enemy.

• •

I have a report on the subject of fire danger from the National Fire Protection Association, sponsor of Fire Prevention Week in co-operation with the U. S. Department of Agriculture. This association shows that the person living in a farmhouse is in considerably greater danger of being killed by fire than is the person who lives in a city home. Their study of fire fatalities during 15 years shows that 12 per cent more persons lost their lives in dwelling fires in rural areas than in similar fires in cities. For children, the percentage difference is 2½ times as great as for persons of all ages.

Of course, high loss of life and property on the farm compared to the city is due to lack of organized fire protection. So on the farm, keeping a fire from starting is the best possible protection. Hunting out the fire hazards is mighty well worthwhile.

Where are fires most likely to start? The association points out that seemingly insignificant field fires aren't as innocent as they look. Many times sparks are carried by the wind from field fires to the farm home or the barn, and then real trouble may start. Or fires can race along fence lines leading to feed or buildings. Spontaneous ignition in hay must be watched, also danger from fuel explosions and accidents with lanterns the association points out. These are frequent causes.

• •

Turning now to information from the National Safety Council, I find that dwelling fires occur more frequently in winter, and represent about 60 per cent of the total farm fire loss. Barn fires, it seems, happen more often in summer and represent 30 per cent of the total.

I think farm fire loss looks very serious when we realize it amounts to between 90 million and 100 million dollars a year; not counting deaths and injuries, or untold hardship and suffering. A hundred million dollars is more than I can imagine. It is merely a figure. But I can imagine what it would mean for a farm family to be burned out of a home, and to lose their farm buildings that help make a living for them. A complete burn-out like that would certainly take the pleasure out of life for a while.

But, fortunately, no farm family needs to burn out. The National Safety Council says that 8 preventable causes are responsible for most of the farm fire losses. Eliminate these 8 fire hazards and you can be a lot more comfortable in mind on this subject. These causes include: Defective chimneys, sparks on combustible roofs, inadequate lightning protection, carelessness with matches, spontaneous ignition like in the hay barn, improper use of gasoline or kerosene, unsafe stove and furnace installations, and misuse of electricity and appliances.

I would like to suggest again, as I have other years, that the farm family set a day aside to hunt out all possible fire hazards about the place. After they have been located it will be easy to work out a safety-from-fire program.

Farm fires aren't all alike. If a person understands the various types of fires, how they behave and the best methods of putting them out, he is in a pretty safe position. Particularly if home fire-fighting equipment is kept in a handy place for instant use. Ax, wrecking bar, rope, ladder, sand, water buckets, fire extinguishers, water supply from well, stock tank or pond all are suggested as important in fighting fire.

• •

I know very well every farm family is entirely familiar with the necessity of fire prevention. But the fact that so many farm fires do get started proves we need to brush up on our safety practices. Inspect the dwelling—roof, chimneys, is attic stuffed with things that might cause a bad fire? Are stove and furnace and all pipes in good condition for winter use? Inspect the barn—is hay likely to fire? Is there lightning protection? Is smoking prohibited in barns? Are engines or motors likely to start a fire?

Give the whole farm a careful inspection once a month and you can just about rest assured you will be safe from fire, if you have removed the fire traps. Good luck to all Kansas farm folks with this problem.

Arthur Capper

Topeka.

What to Expect in the Farm Program

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

PRESIDENT TRUMAN, at a conference last week with Administration legislative leaders, okayed the Anderson (Sen. Clinton P. Anderson, N. M., former Secretary of Agriculture) support-price proposal for passage at this session of Congress. The Anderson bill, as a substitute for the Goss (Tennessee) bill which passed the House in July, was promptly approved by the Senate Agriculture committee. Senate approval is anticipated just before the close of this session.

Odds are, as indicated 2 issues ago in Kansas Farmer, that the House will accept the Anderson proposal, possibly with slight modifications, rather than see the Aiken (Vermont) bill become effective next January 1.

What President Truman told the Congressional leaders, in effect, was:

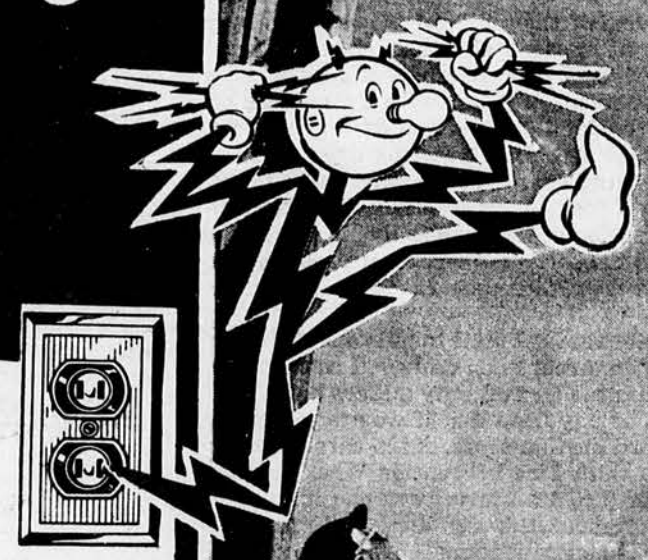
"Pass something—the Anderson thing will do—before Congress adjourns which will show that the 81st Congress is a better friend of the farmer than was that next-worst Republican 80th Congress."

On the following Labor Day, in an address at Des Moines, Ia., the President announced the Brannan Plan (high income for farmers, low food

(Continued on Page 32)

ADEQUATE WIRING

is a good Investment on Highline Farms

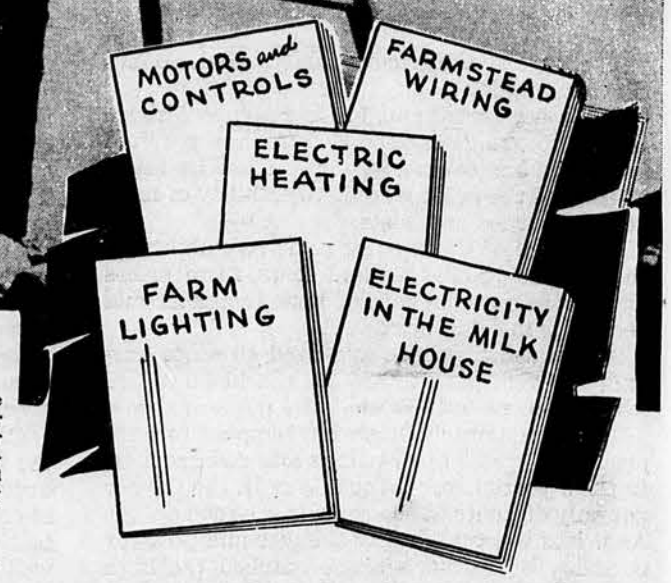


It Pays to Provide Adequate Wiring from the Very First

To those thousands upon thousands of Kansas farmers to whom the advent of electricity has meant a brighter future within a few short years, this matter of adequate wiring is of prime importance.

Don't try to save inadequate wiring simply because the initial expense is less. The efficient operation of every heater, every appliance and every bit of electrical machinery depends on the wires and outlets. When in doubt, consult a representative of your local electric company or appliance dealer.

Electricity is being put to work in countless ways in order to increase farm production with less manpower. Daily, electricity is playing a more important role in farm life, until Reddy Kilowatt has become the symbol of modern farm living.



WRITE TO KANSAS FARMER FOR FREE BOOKLETS

We have five fine booklets (your choice of two) on the best ways of utilizing electricity either on the farm or in the home. Read the titles on the right and make your selections. In each you will find page after page of important electrical data in simple, easily understood language. A post card will bring them to you absolutely free. WRITE:

KANSAS FARMER
912 Kansas Ave., Dept. RRM Topeka, Kan.

ELECTRICITY— Does the Job Better!

Central Kansas Power Company
Kansas City Power & Light Company
The Kansas Power and Light Company
Eastern Kansas Utilities, Inc.
Kansas Gas and Electric Company
Western Light & Telephone Company

This Message from the Pioneers of Rural Electrification

Fine Yard and Garden Easy Matter on This Farm

HOW to have a beautiful yard, a prolific garden, and a recreation spot for the family—all in an area where rainfall is a very limiting factor—has been solved by the George Huser family, of Hamilton county.

The Husers built a new home several years ago and naturally wanted the surroundings to be in keeping with the house. They hauled in soil and built up the yard, after which it was fenced and landscaped.

Their garden area is large and well protected from the hot summer winds. It now is a big producer of food.

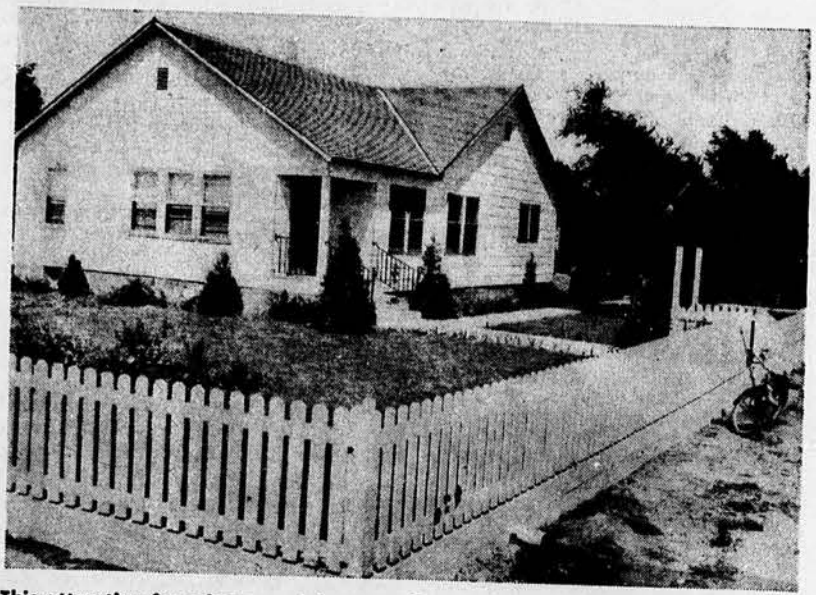
Most important of all, however, is the fact that Mr. and Mrs. Huser have 5 sons, and they wanted those sons to have something to do during the summer when they were not needed to help with farm work. Here is the way the Husers solved all of their problems:

Mr. Huser built a concrete swimming pool for the boys right in their back yard. The pool is 32 by 40 feet and is 5 to 6 feet deep in the deepest part. What does this have to do with the yard and garden? Just this. Once a week the water in the swimming pool is pumped out and used for irrigating the yard and garden.

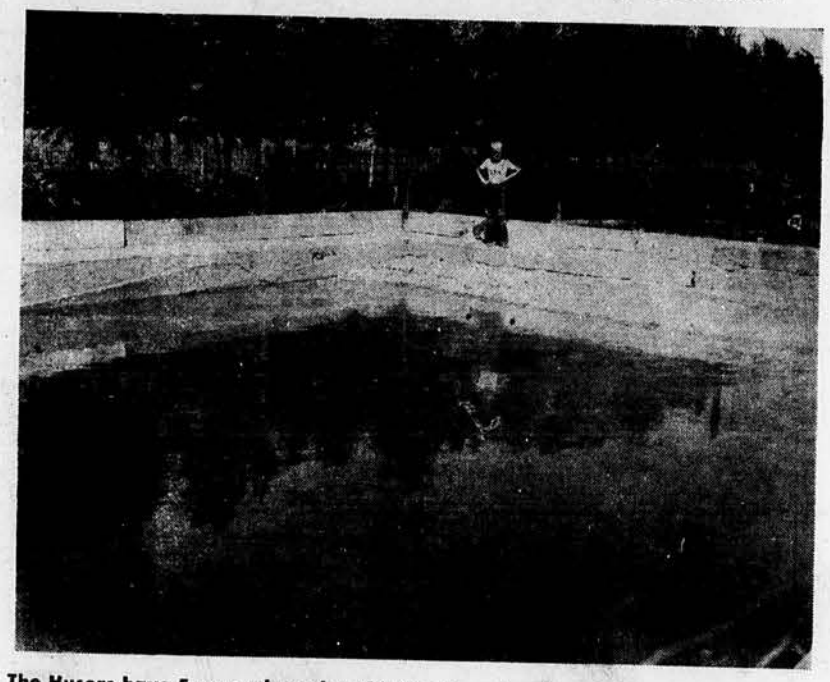
To stabilize his farming enterprise, Mr. Huser does not go "all out" for wheat farming. He keeps about 100 head of Angus cows and raises feeder calves, mostly for local sales. He likes Angus cattle because they winter so well.

Protects Garbage Can

When I buy a new garbage can I put a good thick coat of paraffin all over the inside before using the can. This prolongs the life of the can as acids cannot eat into it.—Mrs. B. N. A.



This attractive farm home and farm yard belong to Mr. and Mrs. George Huser, of Hamilton county. Note walk leading from driveway to front door.



The Husers have 5 sons who enjoy this family swimming pool on the farmstead. One of the sons, Arland, is shown in the background.

Water from the swimming pool is used to irrigate this fine farm garden and the beautiful lawn at the George Huser place.

ADEQUATE WIRING---YES!

And Then Be Sure That You Buy

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YOUR electric company and your REA Co-op are right in urging you to install adequate wiring in your farm home.

Your Frigidaire dealer is equally right in urging you to buy Frigidaire Home Appliances!

Why? Because Frigidaire home appliances are products of proved quality and long life . . . the kind of appliances you'll be proud of for years to come.

The Frigidaire electric refrigerator is America's No. 1 refrigerator. It holds its position of leadership because it has proved its quality in use down through the years.

Frigidaire

And the same kind of quality, in features, in workmanship, in long life, will be found in all of the Frigidaire home appliances listed below.

For Features-For Style-For Value

FRIGIDAIRE Home Appliances

- REFRIGERATORS
- AUTOMATIC WASHER
- ELECTRIC CLOTHES DRYER
- HOME FREEZERS
- ELECTRIC RANGES
- ELECTRIC IRONER
- ELECTRIC WATER HEATERS
- ELECTRIC DEHUMIDIFIER

Frigidaire's quality is not just a claim. The dealers listed below will give you a demonstration that shows you PROOF of Frigidaire value. Drop in today and ask for a PROOF DEMONSTRATION!

SEE THEM AT ANY OF THESE DEALERS

ABILENE
Shockey & Landes
ALMA
Hasenbank & LaMar
ALTAMONT
Holmes Hdwe. Co.
ANTHONY
Wood Music Co.
ARGONIA
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ARKANSAS CITY
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Fitch & Barth, Inc.
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Culbertson Elec. Co.
CONWAY SPRINGS
Lewis Plbg. & Appl.
COTTONWOOD FALLS
Hamm Electric Co.
COUNCIL GROVE
Rumsey & White
DIGHTON
Mull Electric Service
DODGE CITY
Hainline Appliance Co.
DOWNS
Cunningham Oil Co.
EL DORADO
Home Appliances, Inc.
ELLIS
O'Loughlin Motor Co.
ELLSWORTH
Holt & Goedde Furn.Co.
EMPORIA
Litke-Stephens Fur.Co.
ERIE
Rogers' Hwd. & Furn.
ESKRIDGE
Willard Sales & Serv.
EUREKA
Burton's Furn. & Appl. Co.
FLORENCE
W & R Appliance Co.
FORT SCOTT
Filizola Off. Equip. Co.
FRANKFORT
Lauer Electric Shop
FREDONIA
Hollis Hardware Co.
GARDEN CITY
Mayo's
GIRARD
Evans Appliance Co.
GLASCO
R. W. Cramer Hdwe.
GOODLAND
D & G Electric Co.
GREAT BEND
Chaffee Electric Co.
HANOVER
Schwartz Appl. Co.
Elec. Co.
HALSTEAD
Mantele's Dept.St.,Inc.
HARPER
Jess Hamilton
HAYS
The Merchandise Mart
HERINGTON
Fred Lee & Sons
HILL CITY
Quenzer Appl. & Hdwe.
HILLSBORO
John Hiebert
HOISINGTON
Gelman Appl. Co.
HOPE
W. W. Wuthnow Furn. Co.
HOWARD
Virgil Munsinger
HOXIE (Grinnell)
H. J. Rietcheck Appl.
HUGOTON
Richardson Elec. Co.
HUTCHINSON
Graber Furniture Co.
INDEPENDENCE
Dixon & Ebert Co., Inc.
IOLA
Schell's Appl. Store
JETMORE
Lindas Lumber Co.
JEWELL
Jewell Lumber Co.
JOHNSON
Cave's Homegas
JUNCTION CITY
Waters Hardware Co.
KENSINGTON
Simmons-Olliff
KINGMAN
Kingman Radio Co.
KINSLEY
Maytag Appliance Co.
KIOWA
Fisher-Wood Hdwe.
LaCROSSE
Pittman & Pittman
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J. C. Hart & Co.
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Lowery & Uht Furn.Co.
LEHIGH
Burkholder Lbr. Co.
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Losh Motor Co.
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Western Hdwe. & Sup.
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Hettic Appl. Co.(Ref.)
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B. G. Hall
LINCOLNVILLE
Burkholder Lbr. Co.
LINDSBORG
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LYONS
Schneider's Furn. Co.
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C. F. Worman Elec. & Plbg.
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Dickey Appl. Co.
MILTONVALE
Phelps Furn. Store
MINNEAPOLIS
Horner Hardware Co.
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Ames Chevrolet Co.
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NASHVILLE
Stewart Motor Co.
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NEODESHA
Kimball Electric Shop
NESS CITY
Schroyer's, Inc.
NEWTON
Jenkins Appl. Co.
NORTON
Horney's Appl. Co.
OAKLEY
C. D. Clark & Sons, Inc.
ONAGA
Tessendorf Furn. Co.
OSBORNE
Quenzer Appl. Co.
OSWEGO
Williamson Stores, Inc.
OXFORD
Abildgaard Hdwe. Co.
PARSONS
Ellis Radio & Appl. Co.
PEABODY
Baker Furn. Store
PHILLIPSBURG
Newell's Appl. Co.
PITTSBURG
Rodkey's Elec. Serv.
PLAINVILLE
Mosher Bros.
PRATT
Link Electric Co.
PRETTY PRAIRIE
General Appliance Co.
PRAIRIE VIEW
Prinsen Bros.
QUINTER
Quinter Appl. Store
RILEY
Meyer Mercantile Co.
RUSSELL
Deines Bros.
ST. FRANCIS
Roeff's Electric Store
ST. JOHN
Peacock & Soice
ST. MARYS
Tessendorf & Youngkamp
SALINA
Goodhousekeepers Appl., Inc.
SCANDIA
Sanborn Lumber Co.
SCOTT CITY
Bryans, Inc.
SEDAN
Ding Bell Chev. Co.
SHARON SPRINGS
C. E. Koons & Son
SMITH CENTER
Simmons-Olliff Furn. & Und.
SPEARVILLE
Heskamp Chev. Co.
STAFFORD
Peacock & Soice
STOCKTON
Quenzer Appl. Co.
SYLVAN GROVE
F. A. Gatewood & Sons
SYRACUSE
Stewart Furniture Co.
TIMKEN
Timken Lumber Co.
TRIBUNE
Western Hdwe. & Sup.
TURON
Turon Elec. Supply
ULYSSES
Durham Electric Co.
WAKEENEY
Clark Supply Co.
WAKEFIELD
Sanborn Lumber Co.
WAMEGO
J. E. Stewart & Sons
WATERVILLE
Hensley Hdwe. & Furn.
WELLINGTON
Nichols Electric Co.
WICHITA
Bennett Music House
WICHITA
Geo. Innes Co.
WICHITA
Vowel Furniture Co.
WICHITA
Whitcomb Appl. Co.
WILSON
Weber Hardware
WINFIELD
Winfield Electric Co.
YATES CENTER
J. C. Schnell

September Barbecue husky **hamburgers** and hits-the-spot **coffee**

Here's how! for the hungry ones—big, juicy hamburgers on home-baked buns—and piping-hot Hills Bros. Coffee. This fine coffee is a blend of the world's choicest coffees. "Controlled Roasting," an exclusive Hills Bros. process, insures the same tempting flavor in every pound. Hills Bros. Coffee vacuum-packed for freshness.

BARBECUE HAMBURGERS

Allow 1½ lbs. ground meat for 6 patties

Bake large biscuits 3½ inches in diameter from mix or your favorite recipe. Split and butter. Arrange well-browned hamburger patties, 3 inches in diameter, on halves and pour barbecue sauce over these. Cover with remaining halves or serve open-face.

BARBECUE SAUCE

1 cup tomato sauce
2 tablespoons chopped onion
½ cup chopped celery
⅓ cup chili sauce
1 tablespoon sugar
2 teaspoons Worcestershire sauce

Mix tomato sauce with chopped onion, chopped celery, chili sauce, sugar and Worcestershire sauce. Let simmer 5 minutes. Serves 6.

Serve with Hills Bros. Coffee

Trademarks Reg. U.S. Pat. Off. Copyright 1949—Hills Bros. Coffee, Inc.

Everybody likes Hills Bros Coffee

How Much We Owe

Our national debt is 252 billion dollars.
Can you imagine how much money that is?
Can you imagine how much 1 billion dollars is?
How long would it take you to spend a billion dollars?

If you had started out with 1 billion dollars in the year one, you could have spent $1,000 a day for 1,949 years—that is from the year one to 1949. But that isn't all. You could still go on spending $1,000 a day for 791 more years before you would have spent your first billion dollars.

Now, don't you think it is time for the Federal Government to cut down on spending your money? Remember, all the money already paid in taxes has been spent, and you and other citizens of the United States are in debt 252 billion dollars!

Even on Good Land Corn Needs Fertilizer

SINCE Ed Knedlik, Washington county, is out of the corn-growing picture, it gives other top producers in the state a better chance at hitting the high mark. Mr. Knedlik was Kansas winner of the DeKalb corn-growing contest 4 out of the last 6 years. One of those years he was hailed out. The other year he ran about 2 bushels below the winner. That's quite a record.

Mr. Knedlik has rented his farm, retaining only a few acres for himself that are a little difficult to reach from the home place. Soil on the acres he is farming for himself doesn't match up with the soil that has produced his winning yields. Last year his contest yield was 159.75 bushels an acre. Altho his farm is ditched and leveled for irrigation, water was not added last year.

To maintain high yields, he has been strict about rotation. He never planted corn in one field more than 2 years in succession. Clover figured prominently in that rotation.

Fertilizer applied last year amounted to 300 pounds of ammonium nitrate and 200 pounds of 4-12-4 in addition to lime. This was applied either to the plowed field or plowed down 8 to 10 inches. Plowing on his farm was always deep, getting the fertilizer down where there would be some moisture available even during dry spells.

There may be some significance in his deep tillage, getting fertilizer down deep. Several Corn Belt states have reported experiments with deep placement of fertilizer for corn and strong legumes. According to those experiments, corn is better able to withstand dry spells when fertilizer is placed deep. Under those conditions corn roots go down deeper for plant food. When top 6 or 7 inches of soil becomes dry, corn plants still are able to use plant food down deeper where there still is moisture.

Mr. Knedlik's farm is largely bottom land along the Little Blue river. The soil is as fine as any in the state. But heavy applications of fertilizer still are essential to high yields.

Two years ago he did not have sufficient nitrate to cover all his cornfield. He applied it in strips. Where he had applied the nitrate the corn stayed green to the bottom leaves. Where no nitrate was applied, corn began yellowing early and it told in lower production, too.

Tractors Catching Up

July production of 41,365 farm tractors swelled total output for the first 7 months of 1949 to 307,240 units, 3,209 less than for the same period last year. This is the first decline in cumulative tractor production since the war. Retail sales are down 8 per cent.

Despite the downward drift in both production and sales of farm equipment from the 1948 all-time high, 1949 production is still 17 per cent over that of 1947 while retail sales remain 31 per cent above the 1947 figure.

MYRTLE . . . Right Around Home

By DUDLEY FISHER

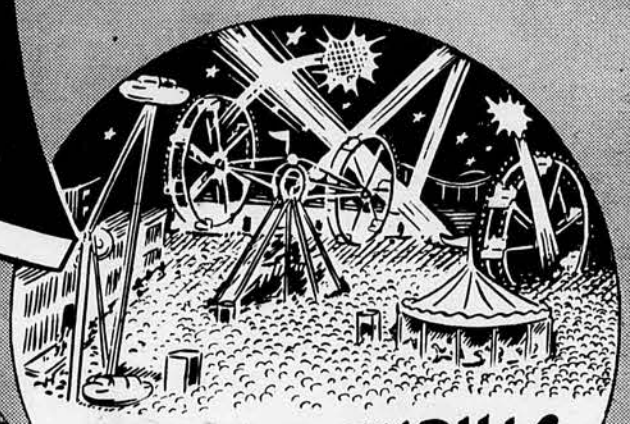
The Grandest Holiday for the Entire Family

KANSAS STATE FAIR

SEPT. 18-23 HUTCHINSON

The OFFICIAL STATE FAIR

Kansas Greatest Farm & Livestock Show

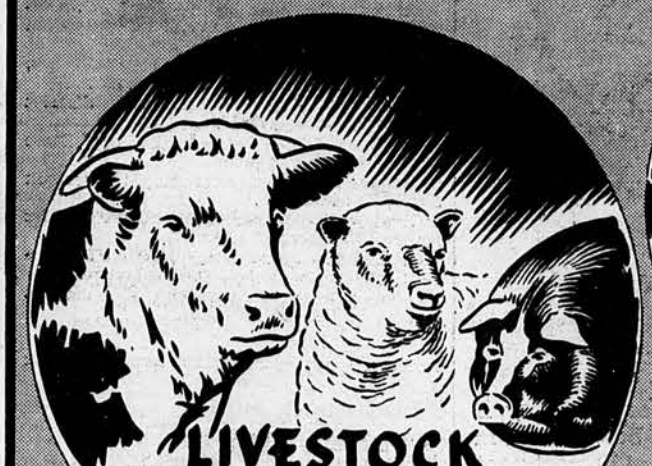


FUN AND THRILLS

Amazing . . . thrilling riding devices . . . clean shows on the FUNLAND MIDWAY. Miles of thrills and smiles.

EXHIBITS

Hundreds of exhibits . . . the finest products of Kansas fields, orchards and gardens. Thirty acres of farm machinery . . . countless contests and displays.



LIVESTOCK

See thousands of Prize animals . . . cattle . . . hogs . . . sheep . . . poultry . . . pigeons . . . rabbits . . . etc., at Kansas' Mightiest Livestock Exhibition. See the livestock being judged.

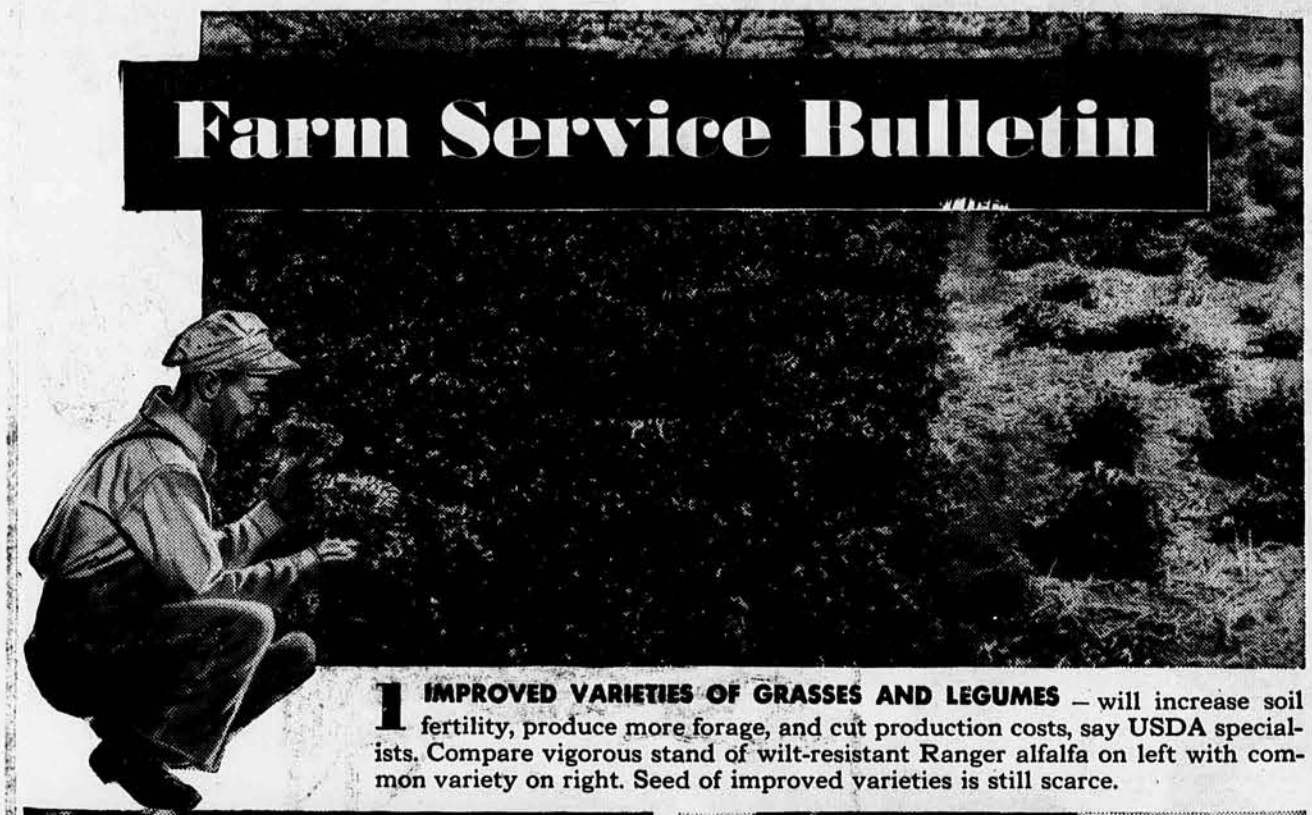
CAMP OUT AT THE STATE FAIR CAMPING GROUNDS

AMPLE FREE PARKING SPACE

THE BOYS' AND GIRLS' STATE FAIR

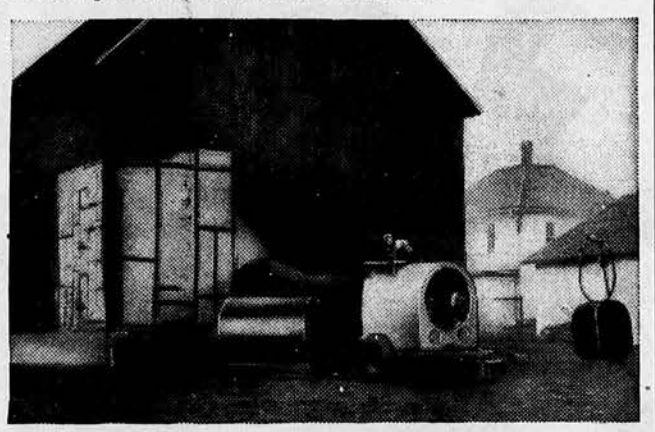
One of the greatest features . . . Junior livestock, 4-H Clubs State Encampment, Vocational Agriculture and Future Farmers State Camp. Over 3000 youngsters exhibiting and demonstrating.

Farm Service Bulletin

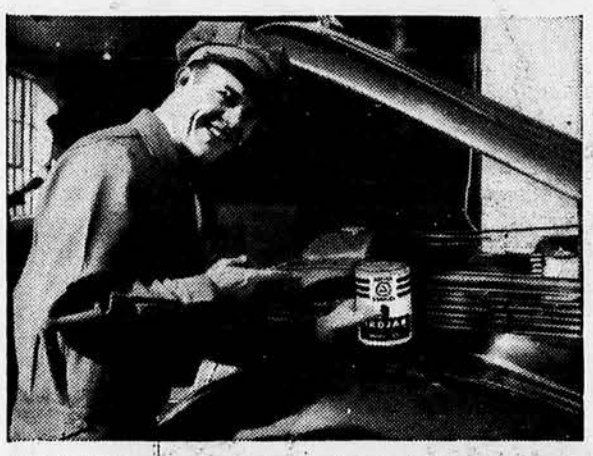


1 IMPROVED VARIETIES OF GRASSES AND LEGUMES — will increase soil fertility, produce more forage, and cut production costs, say USDA specialists. Compare vigorous stand of wilt-resistant Ranger alfalfa on left with common variety on right. Seed of improved varieties is still scarce.

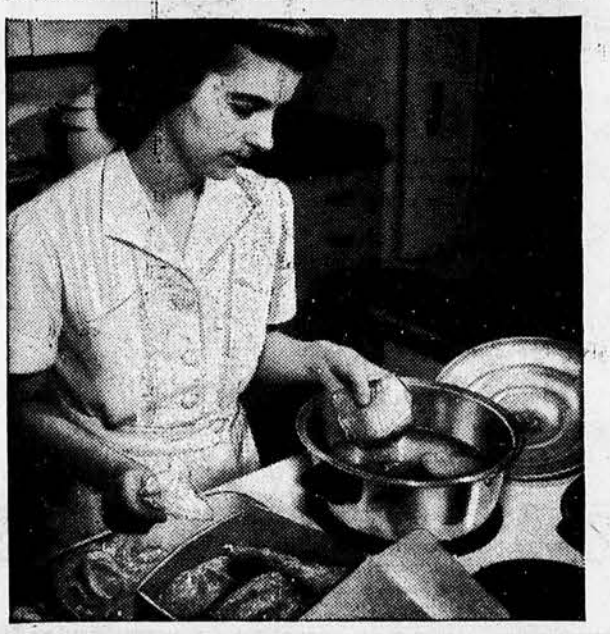
2 NEW TRACTOR TIRE EXPELS DIRT AND MUD —The Cities Service Loadmaster tractor tire has a double buttress continuous tread to shed muck and mud. It rides smoother on field or highway—gives better, cleaner traction and lasts longer. Buy from your Cities Service Farm Representative.



3 NEW CORN DRYING METHOD —Drying corn with forced heated air makes curing the crop pretty much independent of weather. Tests by United States Department of Agriculture show that mechanical drying also permits early harvest and protects grain from losses by heat and molds.



4 NEW MOTOR OIL REDUCES MAINTENANCE —Keeping in pace with the changing lubrication requirements of new cars and new farm equipment, Cities Service premium Trojan Motor Oil slashes operating costs. Maintenance and repair expenses go down with this new lubricant in use. Buy premium Trojan Motor Oil from your Cities Service Farm Representative.



CITIES SERVICE
QUALITY PETROLEUM PRODUCTS
Accessories for the farm

5 BIRD IN FREEZER — Chicken for company is ready quickly when birds have been frozen in new ways developed by United States Department of Agriculture. For illustrated leaflet AIS-74 send 5¢ to Supt. Documents, Washington 25, D. C.

Coming Events

September 18-23 — Reno county, Kansas State Fair, Hutchinson.

September 22—Osage county soil-conservation field day, Theodore Wehrle farm northeast of Scranton.

September 24—Wabaunsee county 4-H carnival in conjunction with Harveyville Grange fair.

September 26—Marshall county beef meeting, Lot Taylor, KSC specialist, leader.

September 26—Pottawatomie county 4-H Club leaders select county 4-H champions.

September 26—Clay county FFA district leadership school, Clay Center.

September 27-29—Interstate baby beef and pig show, St. Joseph, Mo.

September 27-30—Ellis county junior fair, Ellis.

September 27—Washington county beef tour, Lot Taylor, extension beef specialist, assisting.

September 27—Ellis county meeting with engineering specialist, KSC, to consider engineering problems.

September 27—Douglas county FFA district leadership school, Lawrence.

September 28—Ford county sorghum field day, Southwest Experiment Field, Dodge City.

September 28—Ellis county 4-H Club leaders meeting, to select county 4-H champions for the year.

September 28—Jackson county FFA district leadership school, Holton.

September 28-29 — Reno county clothing lesson, Naomi Johnson, KSC specialist.

September 29—Jewell county beef tour, Lot Taylor, leader.

September 29-October 1—Morton county Tri State Fair, Elkhart.

September 30—Marshall county special interest meeting—lighting, housing, Leo Wendling and Harold Stover, leaders.

September 30—Reno county sorghum field day.

October 1—Scott county nutrition meeting, leader, Gertrude Allen, KSC nutrition specialist.

October 3—Ellis county field demonstration on shaping and seeding a waterway.

October 3—Mitchell county FFA district leadership school, Beloit.

October 3-9—National Dairy Cattle Congress, Waterloo, Iowa.

October 4—Graham county FFA district leadership school, Hill City.

October 4-5—Marshall county foods and nutrition training school for foods leaders. Mary Fletcher, leader.

October 4-8—Sedgwick county state 4-H Club Fat Stock Show, Wichita.

October 5—Osage county-wide home demonstration unit achievement day, Osage City high school.

October 5—Ford county FFA district leadership school, Dodge City.

October 5-6—Cowley county home demonstration lesson on health, Winfield.

October 6 — Washington county leaders training meeting in nutrition, with Mary Fletcher, KSC Extension specialist in foods and nutrition.

October 6—Ellis county farm management meeting.

October 8—Wabaunsee county, good 4-H and commercial replacement calves, sponsored by Wabaunsee county Cattlemen's Association.

October 8—Cloud county 4-H foods leaders' meeting, "Quick Breads," Elizabeth Randle, KSC foods and nutrition specialist, leader, Concordia.

October 8-15—International Dairy Exposition, Indianapolis, Ind.

October 10-11—Jefferson county agricultural engineering school.

October 10-14 — National Association of Future Farmers of America, Kansas City.

October 12 — Ellis county Farm Bureau members to attend district membership meeting, Stockton.

October 12—Harvey county beef day, Lot Taylor, leader.

October 14—A.M.—Smith county row crop field day, Smith Center.

October 14—P. M.—Republic county row crop field day, Belleville.

October 14—Scott county farm management meeting, H. C. Love, KSC Extension Economist, leader.

October 15—Cloud county corn field day, L. E. Willoughby, leader, Concordia.

October 17—Reno county FFA district leadership school, Buhler.

October 17-20 — Johnson county, State Grange meeting, Olathe.

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

October 18—Harper county FFA district leadership school, Harper.

October 19—Montgomery county FFA district leadership school, Independence.

October 20—Lyon county FFA district leadership school, Emporia.

Marketing Eggs

There is still available the pamphlet, "How to Produce and Market Quality Eggs," issued by the Kansas State College Extension Division. Poultry raisers will be interested in having a copy, which is free. Please address a post card to Bulletin Service, Kansas Farmer, Topeka.

Thoughts TO LIVE BY

Resources

MANY of us are conscious of our limitations. We have physical afflictions and intellectual handicaps. Or perhaps our lives have been frustrated by domestic or economic obstacles. It is easy under the circumstances to resign ourselves to inferior positions. We have glibly excused ourselves by saying that for every winner, there must be those who also ran. Mediocrity seems good enough considering the burdens that we bear. Yes, indeed, the competition in life has made us keenly aware of our limitations.

But what about our resources? They are greater than we know. Our bodies have an amazing toughness. The healing forces within us render many destructive disease germs impotent. Nature established collateral circulation, and thus renews a damaged heart. So many people have triumphed over their afflictions that a physical breakdown is no reason for giving up. That is a great source of satisfaction.

Similarly, success is not limited to the top tenth of the graduating class. Woolworth was far from brilliant. Edison had some difficulties in school. But both of these men achieved success in their respective fields. The artist, Whistler, was eliminated from West Point because he failed a chemistry examination. In later life, he commented, "Had silicon been a gas, I would have been a Major General." The scholastic record of Jesus was never mentioned, but we are only dimly discerning his profound realism. Perhaps he was never taught intricate, mathematical formulae, but He effectively used the resources which were available.

As to obstacles, Socrates had an unhappy home, and John D. Rockefeller was spurned by a young woman because he was a man of no promise. But they both had sufficient inner resources to overcome their obstacles and inscribe their names in the hall of fame.

There is a challenging story in the Old Testament that bears repeating. The king of Syria invaded Israel. But his conquest was of little avail. Following the counsel of Elisha, the king of Israel avoided the military traps set by the Syrians. At first, it was suspected that a spy was in their midst. But a report of the Syrian intelligence discredited that supposition by revealing the intuitive shrewdness of Elisha, the prophet. Futhermore, it was discovered that he was in Dothan.

"Therefore sent he (the king of Syria) thither horses, and chariots, and a great host: and they came by night, and compassed the city about. And when the servant of the man of God was risen early, and gone forth, behold, an host compassed the city both with horses and chariots. And his servant said unto him, Alas, my master! how shall we do? And he answered, Fear not: for they that be with us are more than they that be with them. And Elisha prayed, and said, Lord, I pray Thee, open his eyes, that he may see. And the Lord opened the eyes of the young man; and he saw: and, behold, the mountain was full of horses and chariots of fire round about Elisha."

The servant was conscious of the opposition, but Elisha was aware of the resources of God. And so it is with us. Our resources are greater than we know.

Larry Schwarz.

The American Royal Will Be at Its Best

PRIZES and awards totaling $125,000 will be offered at the 1949 American Royal Livestock and Horse Show, to be held October 15 thru 22 in Kansas City.

American Royal directors announce that more than $75,000 have been set aside for livestock events, and an additional $50,000 will entice entrants to the horse show.

Harry Darby, Kansas industrialist and president of the Royal, said the board of directors are sparing no expense or efforts to make this year's event the top livestock and horse show competition of the nation.

This will be the 51st annual show and will be held in the American Royal building. The horse show will be under direction of Edwin C. Eggert, of Lexington, Ky., who enjoys a wide reputation for staging nationally prominent competitions.

Future Farmers of America and 4-H Club state teams will enter livestock and will compete in meat judging contests. Prizes are being offered for fat calves, fat pigs, and fat lambs fed and cared for as home projects by members of the two youth organizations.

Agricultural colleges will enter livestock, wool, and meat judging teams.

Commercial livestock producers and breeders of purebred cattle will bring to Kansas City for competition carlot, fat and feeder cattle and fat hogs, as well as individual fat bullocks, lambs and hogs.

Prize American Royal beef will again be available thruout the country as fat animals shown will be auctioned and slaughtered.

Additional attractions that will be a part of the Royal for this year will include the appearance of a coach drawn by 4 famous Lippizzaners seized during the latter days of World War II by the American Third Army and brought to this country by the United States Government. The horses and equipment were formerly owned by the Hungarian ruling family. The horses were purchased from the government by John Nolan, of Garden City, Kan., a fine horse fancier.

The Arab horse is the only breed older than the Lippizzaner. The Royal directors are attempting to get a handler for the animals from Austria for the week of the show.

Inquiries to date indicate the horse show will be the largest ever presented in Kansas City. Events will be divided into 163 classes.

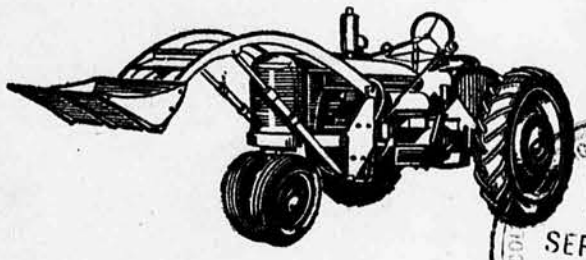
Poultry Answers

"Poultry Management" answers many questions of poultry raisers —feeding, equipment, sanitation, diseases, egg production, marketing; many other subjects are also discussed. The Kansas State Agricultural Experiment Station has these booklets for distribution as long as the supply lasts. Please address Bulletin Service, Kansas Farmer, Topeka, for your copy.

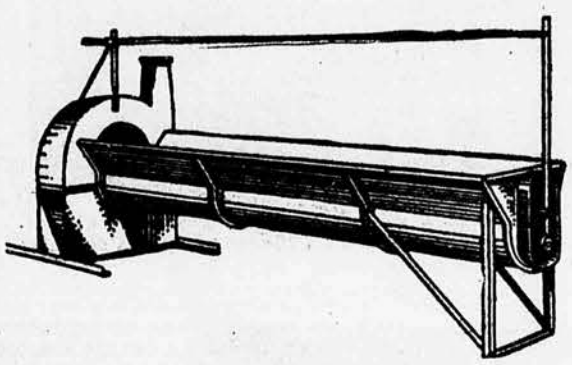
To Make Candles Fit

Instead of cutting down candles which are too big for their holders, I dip the ends in boiling water until the right amount of wax is melted off.—L. W.

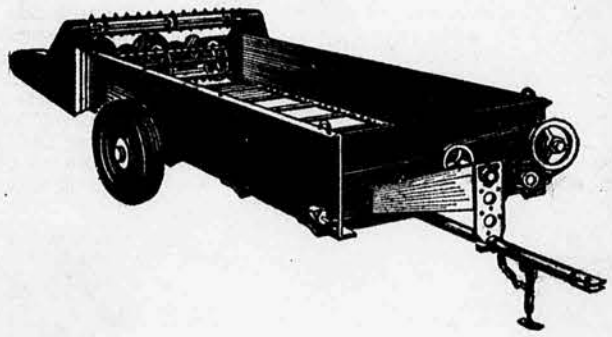
SEE SKYLINE EQUIPMENT
at KANSAS STATE FAIR
Hutchinson, Sept. 18-24



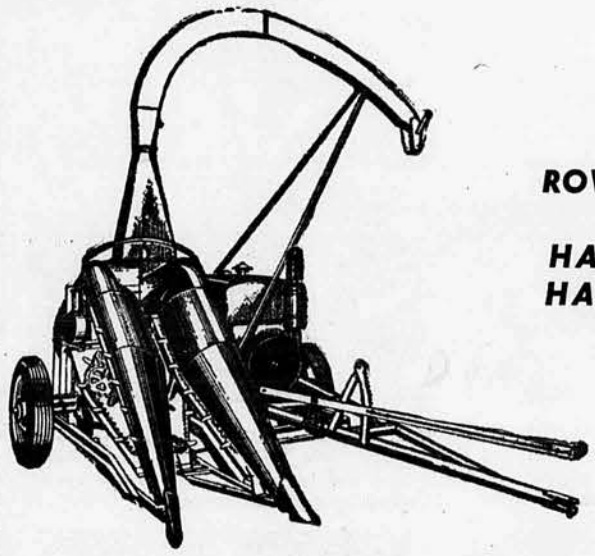
THE "90" Hydraulic LOADER



STANDARD and TILTING BLOWER

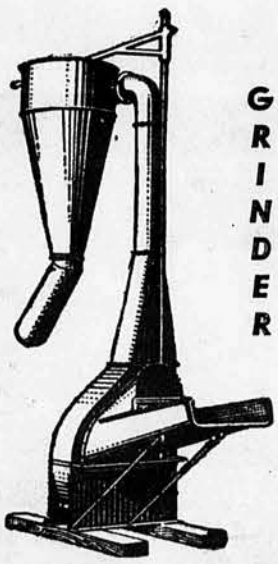


PTO SPREADER



ROW CROP and HAY HEAD HARVESTER

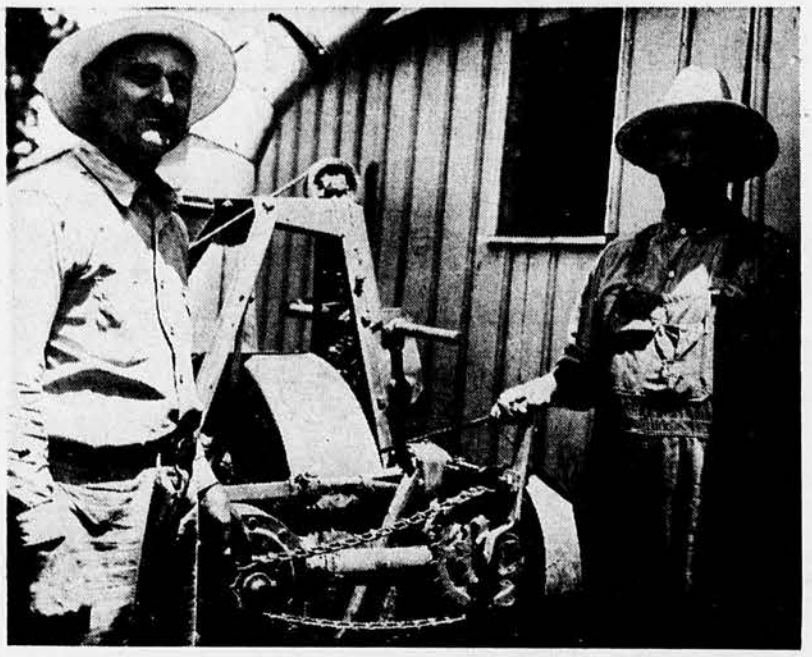
Kansas' LARGEST INDEPENDENT Farm Equipment Distributor Invites You to Visit Our Exhibit on the South Side of the Agricultural Building. See the Latest in Many Items Produced By the INDEPENDENT Manufacturers of Farm Equipment



GRINDER

PRICE BROS. EQUIPMENT, INC.
WICHITA, KAN.

Harvesting Silage Takes Less Labor



W. J. Brose, left, and his brother, Carl, stand beside their stationary blower, which was remodeled so that one motor unloads the silage or hay and operates the blower.

MOST of the labor of harvesting chopped hay and silage crops has been eliminated on the Brose Brothers' farm, in Jefferson county.

W. J. Brose, a skilled mechanic as well as a good farmer, put his ingenuity to work on 2 big problems in harvesting these 2 crops.

The Brose Brothers use a field cutter for both hay and silage crops but found there were some troubles. For instance, the fixed blower spout on the cutter was not always in the correct position when following terrace lines, and much of the hay or silage was blown over the end of the trailer when making turns. Also, it was necessary for the tractor operator to stop and get off his tractor to adjust the blower flap.

Mr. Brose made several changes to overcome these problems. First, he fixed the blower spout so it will swivel and, by means of braces and a rod, made a control line to the tractor seat. He put another control from the tractor seat to the blower flap, and a third control from the tractor to the cutter motor. Now, without leaving the tractor, he can do the complete job of cutting and filling the trailers.

Trailers are equipped with false endgates, the bottom half of which slope toward the back of the trailer. These endgates are controlled by cables that wrap around a roller at the rear of the trailers.

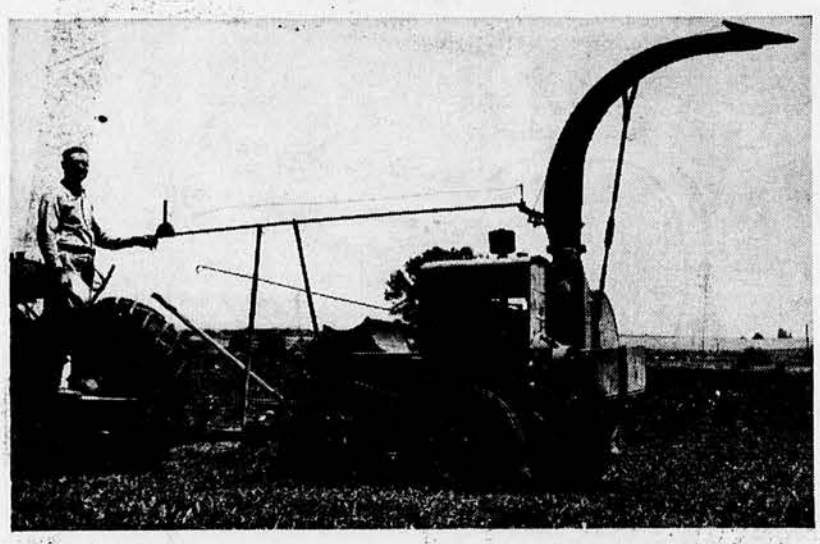
A stationary cutter is used at the barn or silo and is powered by a tractor connected by a belt.

By making several changes in the cutter, Mr. Brose makes the cutter also unload the silage or hay. This is how it was done.

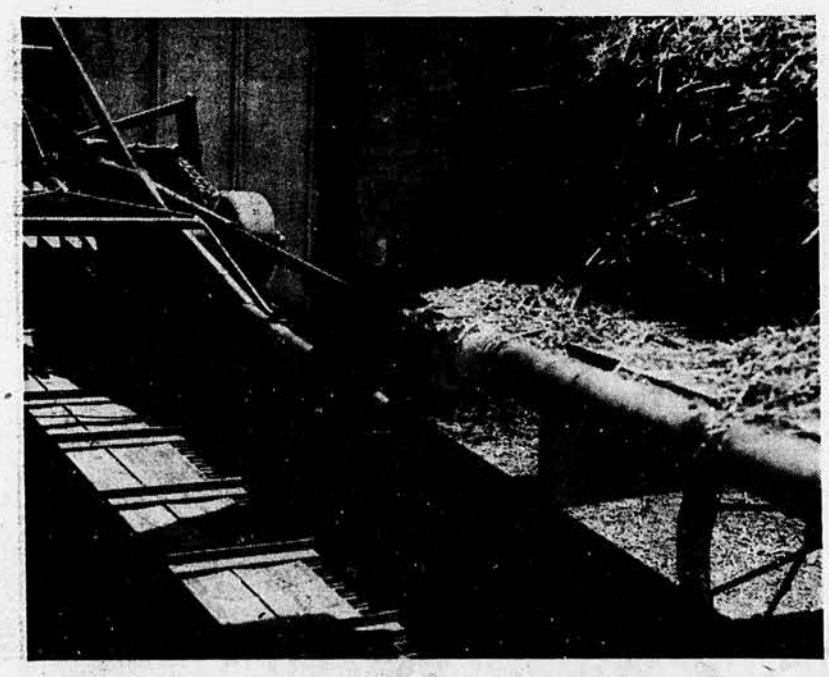
He drilled a hole thru the end of the transmission on the lower gear of the cutter and added a stub gear. He also added an extra transmission to reduce the speed ratio from the power take-off from 500 down to 1. In other words, for each 500 revolutions of the pulley wheel on the cutter, the tumbling bar that pulls off the load revolves once. A universal joint and tumbling bar from the cutter to the drum shaft on the trailer completes the connection.

With this setup a single motor can be used for unloading and blowing, so there is no danger of one getting stuck while the other continues to operate. Of course, there is a saving in cost. By means of clutches, the cutter or unloader can be used independently or in unison. If the load gets ahead of the blower the unloader can be stopped in any position until the trouble is ironed out.

This closeup of the remodeled section on the blower shows how W. J. Brose added a stub gear and transmission that is connected to a drum shaft on their trailers to do the unloading.



By putting 3 controls on his field cutter, W. J. Brose, Jefferson county, can cut hay or silage without ever leaving the tractor seat. The control wire, shown here, regulates the blower flap. Just under it is a rod to swivel the blower spout. Under that is a third rod to regulate motor speed.



The connecting bar between the cutter and drum shaft is shown here. The ratio between the pulley wheel on the cutter and the connecting tumbling bar is 500 to 1. The unloader and the blower can be operated as one unit or separately, as desired.

How to Store Vegetables

By WILLIAM G. AMSTEIN, Kansas State College

FOR most successful storage of fresh vegetables, 4 important factors must be considered: Moisture, ventilation, temperature and light. Many crops of similar characteristics can be stored together. However, no one storage space or set of conditions will permit all vegetables to be stored successfully.

First, consideration should be given to storage of only high-quality products free from bruises, cracks, sunburn, mechanical or frost injury, disease or insect damage. More care in harvesting is needed.

Good sanitation is essential if long, satisfactory storage results are obtained. Often the inside of storage room, as well as boxes and crates, should be disinfected by spraying with formaldehyde or copper sulphate.

Often inspection of stored products is neglected too long, with the result that some products go out of condition in storage. However, avoid injuring stored vegetables when looking them over—and do not handle immediately.

Avoid Sudden Change

Rapid changes in storage temperature should be guarded against. An even temperature gives best results. If stored crops start to shrivel, it usually is a sign that moisture content is too low. Needed moisture can be supplied by sprinkling the floor; or in case of crops packed in sand, moisture may be added.

Good care in handling ventilation will carry off carbon dioxide, supply needed oxygen and help maintain necessary moisture and temperature. Odors must be guarded against and some crops cannot be stored together on this account.

Different kinds of vegetables require separate conditions. We must recall that altho the crops have been harvested, certain activities or life must be maintained in the stored product.

Carrots, beets, turnips and winter radishes are root crops that should be harvested when dirt does not stick to them. Tops should be removed about ½ inch above the root to avoid excessive loss of moisture. Too close clipping permits rot organisms to enter and excessive evaporation to take place.

Moist conditions and a temperature between 32 and 40 degrees Fahrenheit give good results. These crops can be stored together.

In a dry storage place, the floor may need to be sprinkled. Small amounts of these root crops can be kept in a stone crock with a loose board cover. In addition, they may be packed in sand, but avoid having them become too wet.

Parsnips can be stored with the other root crops, but commonly they are left in the ground and taken out as needed thru the winter. To guarantee their easier removal, some follow the practice of mulching them in the row. One objection to leaving them in the garden is that they will be in the way when it is time to fertilize and plow the garden.

Need Special Care

Sweet potatoes require rather special care, including proper attention in curing. This is best done at a temperature of 80 to 85 degrees F. with provisions for excess moisture to be removed by ventilation. About 10 to 14 days are required for the skin to become firm and the wounds healed. It is often difficult to locate a place where small quantities can be cured in this manner. After curing, they should be stored at a temperature of 50 to 55 degrees F., but do not allow them to become too dry. Storage in crates or bushel baskets is better than storage in a large pile.

Squash and pumpkins should be allowed to ripen thoroly on the vine before they are harvested, and then stored in a dry place that is well ventilated and fairly warm. Leave the stem or fruit stalk on the specimen. Removing it is likely to start or hasten decay.

If interested in details of construction of a home-storage room for fruits and vegetables, or if you have questions on their proper storage, you can get the answers to many of these problems in Farmers' bulletin No. 1939, entitled "Home Storage of Fruits and Vegetables."

Annual Poultry Meeting

The annual meeting of the Kansas Poultry Institute will be held at Wichita, September 20 and 21. Business sessions will be held at the Hotel Broadview and facilities of the Meadow Lark golf course will be available for members and guests.

we'll trade you BAG for BAG

POUND FOR POUND

AT THE FIRST SIGN OF FEED DOUBT...

. . . BECAUSE We So Sincerely Believe Gooch's Best Laying Feeds will help your pullets lay more eggs for less money than any other feed you can buy! Don't be easily satisfied . . . don't put up with feed dissatisfaction . . . we will trade you feeder-proved GOOCH'S BEST Laying Feed bag for bag, pound for pound, kind for kind, for whatever brand feed you are now using—or EXPECT to use . . . at your first sign of feed doubt!

DON'T PUT UP WITH DOUBT AND DISSATISFACTION

At the very moment you doubt the ability of the feed you are using, act immediately—take that feed, no matter what brand it is, to your dependable GOOCH'S BEST dealer. He'll trade you feeder-proved GOOCH'S BEST Laying Feed, bag for bag, pound for pound, kind for kind. Why? Simply this . . . we don't want you to continue to feed a feed you doubt and we *do* want you to learn for yourself why we believe *feeder-proved* GOOCH'S BEST will help you get more eggs for less money.

WHAT ABOUT CONCENTRATED ANIMAL PROTEIN FACTOR?

Of course, GOOCH'S BEST Laying Feeds contain concentrated animal protein factor. Gooch began experimenting with natural animal protein factor way back in 1938. In 1941 Gooch included natural animal protein factor in poultry feeds in the form of condensed sardine fish solubles. Comparisons of egg production records for the 3 years from 1938 to 1941 with like records for the 3 years following the addition in 1941 of controlled amounts of natural APF to GOOCH'S BEST egg feeds proved conclusively egg production was increased up to 17.7%. Today, with the carefully controlled addition of the newly-developed, highly concentrated, fermentation-process animal protein factor GOOCH'S BEST *should help your pullets reach even greater egg production.*

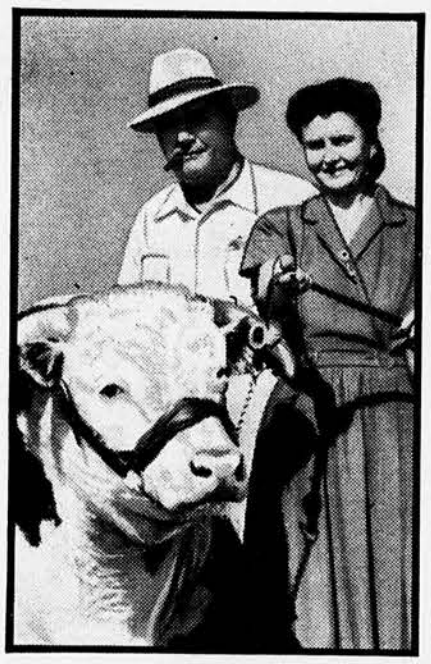
BY THE WAY, your dependable GOOCH dealer has a mighty nice six unit all metal nest for you at only $3.95 and coupons from 5 bags of GOOCH'S BEST Laying Feed. Be sure to see it at his store on your next trip to town.

See your dependable GOOCH dealer today

GOOCH'S BEST®

Gets $18,000 For Champion Bull

Charles Bianchi Awarded 1949 National Western Show Reserve Championship



MR. AND MRS. BIANCHI AND REALITY 2nd

Four daughters cheer dad's hobby

MACON, MO.—Charles Bianchi calls raising Herefords his "hobby". Pretty profitable hobby! His prize Hereford bull, Reality 2nd, recently sold for the sum of $18,000.

* * *

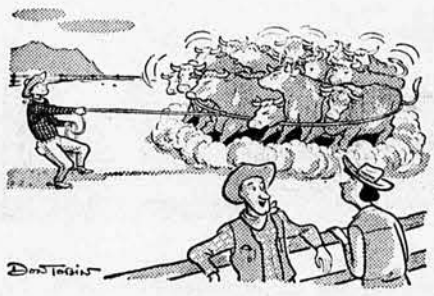
WINNING AWARDS a regular Bianchi habit. Won ribbons at Iowa, Missouri, Illinois state shows in 1948. Started 1949 with Reserve Champion Bull at Denver. Another regular Bianchi habit: eating Wheaties. Eats these nourishing whole wheat flakes day or night. Likes them with cream and Missouri's famous strawberries, or with bananas.

FINE FAMILY OF DAUGHTERS

Mrs. Bianchi, 4 daughters cheer Charles' farming success. Fine family. All Wheaties eaters! Four generations in family, from 2 to 77 years old, enjoy this delicious breakfast cereal.

Famous training dish: Wheaties. Popular with many top-flight athletes. Nutritious! Three B vitamins; also minerals, protein, food energy in Wheaties, "Breakfast of Champions."

***Your family** active? Get the Extra-Big-Pak of Wheaties. Contains 50% more than regular size. Plenty for second helpings in the Wheaties Extra-Big-Pak!*



"He couldn't even rope a heifer before he started eating Wheaties."

"Wheaties" and "Breakfast of Champions" are registered trade marks of **General Mills.**

When Kansas Had 106 Counties

By W. E. STEPS

IN JULY, 1888, Governor Martin issued his proclamation organizing Greeley county with Tribune as the county seat. This completed the roll of Kansas counties, 106 in all, among which was Garfield county, named for the late President Garfield.

But this was not the end of the county-seat wars in Kansas. During the 1870's and 1880's each session of the Kansas legislature resulted in counties being dissolved, renamed, and boundaries revised. The western portion of the state was in the throes of county organization, and in 1873 Buffalo county was one of those created. But during the following 8 years few settlers moved into the area and in 1881 the county was dissolved and the territory divided between Lane and Gray counties. About this time ample rainfall began to attract homesteaders and numerous towns sprang up on the high plains.

During the 1880's Kansas enjoyed a period of prosperity which was accompanied by a full-blown boom that invited the interest of all varieties of promoters, organizers, and broad-minded gentry seeking easy cash. The organization and sale of county-seat town sites were highly profitable ventures as also were railroad promotions.

Immortalized by Zane Grey

Among the persons who were attracted to Western Kansas was John Bull, who founded Bulltown (later Ravanna), and "Buffalo" Jones, who was later immortalized by Zane Grey in his book "The Last of the Plainsmen." Both were active in working for the organization of a new county and in February, 1887, the state legislature set apart 12 townships (of 36 sections each) as the county of Garfield. The new county, created by territory taken from Finney and Hodgeman counties, occupied most of the area originally included in defunct Buffalo county.

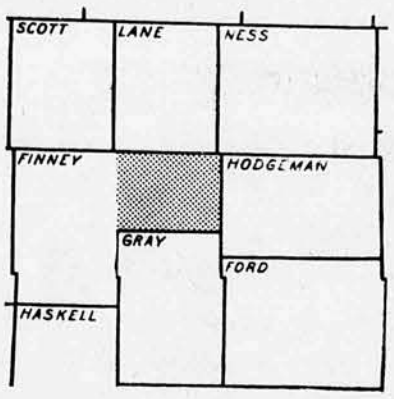
Mr. Jones and his adherents established the town site of Creola (later change to Eminence), near the center of the county with ambitious plans for the new county seat. However, Mr. Bull was even more active in that direction, with the result that Governor Martin proclaimed Ravanna temporary county seat with members of the Bull faction as county commissioners. November 8 was the date set for the election to determine the permanent county seat.

The battle now began in earnest. Each faction boasted of future railroad facilities. The Ravanna and Eminence papers exhibited mark lack of restraint in the language used to describe the rival towns and their inhabitants. At this time there were 2 newspapers at Ravanna, the Chiefton (Republican) and the Record (Democrat). The Garfield County Call, an Independent Democratic paper, was located at Eminence, and Loyal had the Garfield County Journal. Reports of bribery and vote buying were common. The promoters of Ravanna hired floaters, 30 days before the election, to haul stone for the new courthouse and to vote on election day. Other towns in the county, Kalvesta and Essex, added their voices to the clamor.

No One Was Killed

Election day arrived and while there were threats of violence, the election went off without anyone being killed, quite a notable event in itself when it came to county-seat fights! The results of the election as tabulated under the direction of Mr. Bull gave Ravanna 467 votes and Eminence 432. The Bull faction rejoiced and immediately began plans for a stone courthouse, while Mr. Jones and his cohorts charged bribery and fraud and began legal proceedings to obtain the county seat for Eminence. Nearly 2 years later with the new stone courthouse in Ravanna not quite completed the state Supreme Court ruled that Ravanna had won the election by fraud and that Eminence was the county seat.

The people of Eminence demanded the immediate removal of the county offices. One attempt to remove the treasurer's office by force resulted in a pitched battle, during which the treasurer's safe was the major casualty. On August 3, 1889, Adjutant General Roberts visited Eminence and persuaded the citizens to wait for court action in September. But the court order didn't impress the citizens of Ravanna who



The dotted section shows where Garfield county was established in February, 1887.

maintained possession of the county records. One night in October, 2 citizens of Eminence drove the 6 miles to Ravanna in a spring wagon, broke into the temporary courthouse, piled the records into the wagon and headed for Eminence. The theft was immediately discovered and horsemen, boys, and dogs gave chase. But the invaders, with 2 fast ponies hitched to the wagon, outfoxed the pursuers and the next day Eminence was established as the county seat.

At the time of the organization of the county in 1887, the official census showed a population of 2,608. There were 24 organized school districts with a total school population of 772. Incidentally, the average monthly wage for the teachers was: Men $37.50 per month, women $26.50. By the time Eminence gained the county seat in the fall of 1889 hard times had reduced the population to few more than 1,800, and in 1890 it was down to 894.

Lacked 2 Square Miles

A few of the die-hard Ravanna supporters decided that if Ravanna couldn't be the county seat there wasn't going to be any county. In 1892 they persuaded the Attorney General to institute proceedings to test the validity of the organization of the county, on the grounds that the legislature had set the minimum area of a county at 432 square miles and Garfield county might not be that large. An official survey revealed that Garfield county actually covered an area of but 430½ square miles.

By this time the population of the county was down to less than 600, the valuation of all taxable property in the county was little more than the bonded debt, and the promoters had left most of the city lots in the hands of eastern speculators. There was no great sorrying when the Supreme Court decided that Garfield county had been illegally organized and on March 7, 1893, dissolved the county and attached it to Finney county as Garfield township. That reduced the Kansas counties to their present number, 105.

Ghost towns are no strangers to Western Kansas. Many fields of growing wheat today conceal the long missing markers of town lots on which the absentee owners still are paying taxes. About 25 miles northeast of Garden City the former county-seat town of Eminence has disappeared, and 6 miles farther to the northeast is the site of Ravanna. The once flourishing town of 700 people with its 2 city parks and stone courthouse no longer can claim a single citizen. The houses have all been torn down or moved. At present the remnants of the never occupied courthouse with the windows still barred, the stone schoolhouse minus windows and doors, and some foundations mark the site of Ravanna, the temporary county seat of Garfield county, the county which spent most, if not all, of its brief life on the calendar of the Supreme Court of Kansas.

More Trees

Kansas farmers, co-operating with the agricultural conservation program, have planted more than 3,300 acres to shelterbelts since the drouth days of the thirties.

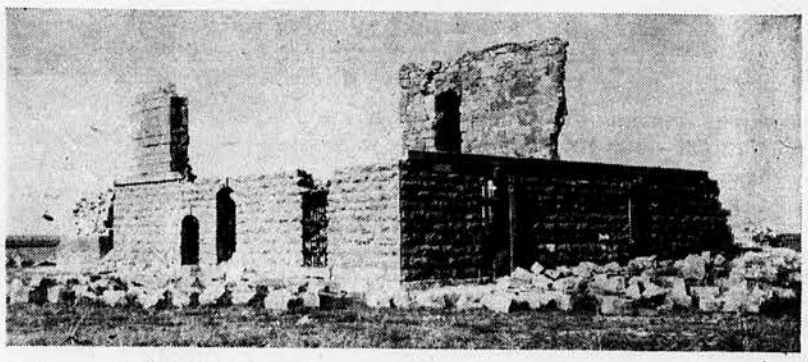
The present PMA program includes payment of $7.50 an acre or 50 per cent of the cost, not to exceed $10 an acre, to encourage growing more forest trees on Kansas farms.

A Silo Champion

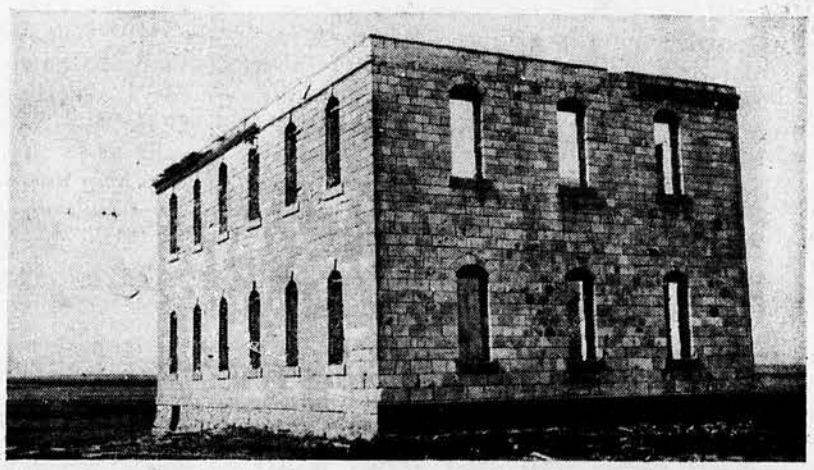
Can Lincoln county farmers take a bow for having the most upright silos of any county in Kansas? County Agent Darrel Dean Dicken won't claim the highest number, as he doesn't know just how many upright silos there are in his county, but he says this: "I believe Lincoln county has a higher percentage of farmsteads with upright silos than any other county in the state."

We hadn't paid much attention until Mr. Dicken made that statement. Then we started looking around. From the top of one hill just north of Lincoln you can see 18 silos without using any field glasses. That's a lot of silos.

"Using silos is one lesson Lincoln county farmers have learned well," says Mr. Dicken. It all goes back to the drouth-ridden thirties when the Government had to step in and buy cattle all over Kansas. Lincoln county was one of the worst hit because of small feed reserves.



Never used Garfield county courthouse at Ravanna.



Remains of school building at Ravanna.

SEP 17 1949
MANHATTAN

When Auditor Harry Workhoven (*arrow*) retired last year, after 41 years with Standard Oil, his two sons attended a party given in his honor by his Mason City, Iowa, co-workers. Dr. Harry Workhoven, Jr., (*left*), a Sioux City dentist, and his brother, Merrill Workhoven, an Omaha radio announcer, are shown with A. W. Peterson, William Jackes and L. A. Day, three of the many Standard Oilers present.

A STANDARD OIL EMPLOYEE BEGINS HIS "PERMANENT VACATION"

Of course we're sorry to see men like Harry Workhoven retire. But we're glad that, when they do leave our team, they begin to receive monthly checks—for life—under Standard Oil's employee retirement plan. Standard Oil began retirement payments in 1903; we were one of the first companies to have such a plan.

There are many other features of Standard Oil's employee benefit program: life insurance, group hospitalization and surgical operation insurance, sickness and disability benefits, and vacations. The security this program provides is an important reason why our employees find that Standard Oil is a good company to work for.

STANDARD OIL COMPANY (INDIANA)

WHEN LITTLE LINDA SUE JACKSON was born recently, Standard Oil group hospital and surgical operation insurance helped pay the bills. Her dad, C. F. Jackson, works for us in St. Joseph, Mo.

COLORADO'S TROUT STREAMS where Standard Oilers Art Krauss and Al Abeyta fish, are among the many vacation spots enjoyed by thousands of our employees annually on vacation.

HIS FOX TERRIER, Toots, gets lots of attention, now that William F. Launtz of Decatur, Illinois, has retired after 29 years as a Standard Oil lubrication engineer.

ROBERTA SLAMP, Chicago office, received salary payments for 11 weeks, thanks to Standard's sickness and disability benefits, plus part of her hospital expenses under our hospital plan.

EMPLOYEE SAFETY is one of Standard Oil's first considerations. We've won many industry safety awards; our accident rates are so low that our employees are much safer at work than at home.

THERE'S JOB SECURITY in a company with an average investment per employee of $26,700 in the tools and equipment which helped them average more than $4,400 in wages and benefits last year.

"Who cares? We've got our Skelgas!"

Skelgas

More than a million families enjoy the modern conveniences of Skelgas living every day. For cooking, automatic hot water service, and refrigeration, Skelgas excels in efficiency, cleanliness and economy. Ask your Skelgas dealer about it today.

SEE THE AMAZING NEW 20-20 SKELGAS RANGE TODAY!

TUNE IN Alex Dreier, Lloyd Burlingham, NBC

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

Trade Oats for Beef Thru Creep-Feeding

Here is a product of creep-feeding on the Walter Kohrs ranch in Ellsworth county. With the help of oats and pellets, this spring calf is really putting on growth and weight.

CREEP-FEEDING is popular in Ellsworth county. And it seems to be increasing in popularity each year. More beef men are using the system to put better growth and weight on calves at a comparatively cheap cost.

Here are a few of the beef men in the county using creep-feeders: Francis Kratzer, Carl Gray, Pete Janssen, CK Ranch, Charlie Hooker, Stanley Mollhagen.

One of the first in the county to use creep-feeders was Walter Kohrs. He maintains a commercial herd of about 60 Hereford cows. It was 7 or 8 years ago when he first tried feeding grain to young calves still following their mothers out on pasture. He has stayed with the program consistently each year since.

What are the advantages? Well, Mr. Kohrs says, it means about 100 pounds more on each calf by weaning time. Cost? About the equivalent of 10 bushels of oats. And that sounds like a fair exchange. Ten bushels of oats for 100 pounds of beef.

Looking at his herd you feel he is quite conservative in making that statement.

Spring calves fed with creep-feeders will get up to around 585 pounds or so by October. They can be sold then or fed until January if the market looks right. They are in condition to go to full-feeding in a relatively short time. They are less prone to lose milk fat at weaning time.

Mr. Kohrs mixes about 1 part of special creep pellets with 4 parts of oats now. It seems like the calves push less oats out of the feeders when pellets are mixed in, he reports. These pellets contain 11 per cent protein. They include dehydrated alfalfa meal and dehydrated sweet sorghum meal.

There just seems to be something extra that a calf needs the first 6 months, Mr. Kohrs observes. The small amount of grain and pellets they eat does a lot for them. Then, too, calves are not so hard on cows when they receive that small amount of extra feed. Cows and calves both do better.

A Big Apple Crop

Why Not Try Kansas-Grown Fruit First?

By JAMES SENTER BRAZELTON

THE U. S. apple crop for 1949 is estimated at 127,823,000 bushels. This is 45 per cent above last year's crop of 88,407,000 bushels and 15 per cent above average. This is the largest crop since 1939 when total production was 139,247,000 bushels.

It is estimated the apple crop around Wenatchee, Wash., will equal 20,574 carloads this year; 12,000 carloads are predicted for the Yakima valley: This makes a total of 32,574 carloads for Washington state. An increase of 4,732 carloads over this state's production last year.

New York state, with its estimated 17,150,000 bushels, will harvest its fourth largest crop since 1937. Martinsburg, W. Va., estimates the apple crop of that area will total 3,750,000 bushels, a 50 per cent increase over last year. Size of the commercial apple crop around Winchester, Va., should be 8,670,000 bushels. This 5 per cent higher than 1948. With 4,440,000 bushels indicated for the 1949 crop, Ohio faces prospects for the largest apple yield since 1944.

Competition from Canada

The Canadian government reports the likelihood of a crop of 16,770,000 bushels which is 25 per cent above the 1948 level.

Heavy marketing period for apples in the United States is from September 15 to January 15, and without doubt great quantities of Canadian apples will find their way into this country during that time. The question of Canadian imports is a very vital factor to U. S. apple growers. The USDA has no authority to reduce or restrict in any way the importation of Canadian apples into this country.

The 1949 world production of apples will total 509 million bushels, 80 million bushels more than last year. In Europe alone, excluding the USSR, total apple production is tentatively set at 322 million bushels which is nearly 50 million more than in 1948. With the 1949 world production of apples showing a gain there can be little hope for any sizable export outlet.

California, fourth largest commercial producing state for apples, is doing this year what Kansas should try to do. Strenuous effort is being made to develop a market for its own product. The idea is to consume as many bushels as possible of its own apples within the state so demand for out-of-state grown apples will be lessened.

This year Kansas expects to produce 665,000 bushels, some 87,000 bushels more than last year. With aggressive effort it might be possible to find a market for this many apples right

(Continued on Page 17)

"Not yet, Mom! Pop's just showing me how to pull a tooth!"

here at home. The flavor of Kansas-grown apples is unsurpassed.

Time and again it has been pointed out that Kansas apples are discriminated against in the markets because of slip-shod culling, grading and packing. In this year of heavy supplies it is going to be even more difficult than usual for Kansas apple growers to get a satisfactory price for their output.

Quality is just as important in apples as in beef cattle, market hogs or any other farm commodity. This is more especially true in a period of declining prices.

Can Improve Quality

There are several ways Kansas apple men can improve the quality of their product. Little good does it do to follow a rigid spray program during summer to produce worm-free fruit, and then at picking time allow the fruit to be bruised by careless handling. The practice of carefully spreading commercial fertilizers under trees to produce more and bigger fruit avails nothing when apples are basketed indifferently.

Kansas apple growers allow cull apples to go onto the market as bulk. These cull apples, of course, sell at bargain prices and compete directly with the better grades packed in baskets. Consequently the demand for good apples is lessened, and the better quality fruit has to be put into cold storage to wait for cheap apples to be consumed. Cold storage charges eat up the profit when the apples are finally sold in the late winter.

Apples from the Pacific Northwest offer the most serious competition to Kansas-grown apples right here in our own state. Kansas orchardists can improve their quality by following a practice that has become indispensable in Washington, Oregon and Idaho. That practice is thinning. It is an operation that has never been adopted here. Removing green fruit before it has attained much size is more economical than throwing away surpluses as culls after they have passed over the grader. Pulling off inferior fruit at an early stage is good business but has not been so recognized in Kansas.

Quality is improved by thinning because a better job of spraying can be done, the fruit attains a larger size and there is a marked improvement in color. The fruit is of so much better quality the time-worn argument that the operation is too costly does not hold true. The fact is, the grower cannot afford not to thin. Now they have a hormone spray for thinning fruit to be applied at blossom time that does a pretty good job at much less cost than hand thinning. Strangely enough, this hormone spray is practically the same chemical as the one used to make apples stick on the trees in the fall.

Toastmaster's Handbook

Everywhere and all the time there are meetings, dinners, conventions, being held. Someone is responsible for seeing that the program goes off right. Usually that's the toastmaster or the president. Here is a book for just that person.

It would be the ideal gift for a new organization president. The Toastmaster's Handbook brings to the person in charge of a meeting a wealth of helpful material in the way of illustrations of actual introductions, interesting stories from speeches, witty sayings, quotations for many different occasions. There is plenty of material, both serious and humorous.

The Toastmaster's Handbook by Herbert V. Prochnow is published by Prentice-Hall, Inc., New York City. Price $3.95.

"I didn't hear you until the third time, mom!"

The Good Neighbor Fence

Sheffield dealers, good neighbors of yours, keep adequate stocks of Sheffield Fence in your neighborhood stores.

Sheffield Fence is like a good neighbor — easy to get along with — hard to get along without. Your neighbors who sell Sheffield Fence can tell you about the special analysis steel, the extra long hinge joints, protective zinc coating and other construction features which go into making it a better fence.

But the quickest way to prove it to your own satisfaction is to ask your neighbors who use it. They know that Sheffield Fence is uniformly good fence — easy to get along with for a long, long time.

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Welded Wire Mesh, Wire Products, Wire Rods, Fence, Spring Wire, Nails, Rivets, Grinding Media, Forgings, Track Spikes, Bolt and Nut Products

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DON'T MISS THIS FARM BARGAIN

ORDER NOW SAVE MONEY ON 1950 NEEDS!

LIBERAL DISCOUNTS to farmers on New Triple-Action Mobiloil, Mobilgreases, Mobilube Gear Oils and Mobil Specialties. Just order next year's needs *now* for delivery anytime between January 1st and June 30th.

NO MONEY DOWN. No need to tie up your cash. You pay when your order is delivered.

PRICE PROTECTION. If prices go up, you're protected until June 30th, 1950. If they fall, you pay prevailing price at delivery time. You can't lose!

QUALITY PRODUCTS. Besides cash savings, you're sure of top quality. Mobil farm products are endorsed by 72 of America's biggest farm equipment builders.

ACT TODAY! CALL YOUR MOBILGAS MAN!

NEW Mobiloil

Marketing Viewpoint

By H. M. Riley, Livestock; Paul L. Kelley, Dairy Products; Joe W. Koudele, Poultry and Eggs.

I have 12 good Whiteface calves still on cows. These calves weigh 300 pounds or more. Would it be better to sell them as veals off the cows or feed them awhile before marketing? I have plenty of corn.—C. H. B.

These calves are already too heavy to sell as veals. The upper limit in weight for veal calves is around 200-240 pounds. If sold now they might go as stockers or as slaughter calves. During this last week good to choice slaughter calves have been selling around $18 to $23 a hundred at Kansas City. Due to the large supplies of feed available this fall the demand for stocker and feeder calves is expected to remain strong. This will tend to support the slaughter calf market. It seems probable that feeding these calves a little grain for a month to 6 weeks might be more profitable than to sell now off the cows.

What are the prospects for producer milk prices this fall?—F. M. T.

Milk prices to producers in city markets should show some increase during fall and winter months. An important factor in the Kansas City and Topeka markets will be the Fall Production Premium Payment Plan during October, November and December. This plan will increase returns of producers who emphasize a system of fall milk production.

What is the most profitable weight to market broilers?—P. D.

According to M. A. Jull, University of Maryland, from the standpoint of economy of production, most broiler producers probably would make greater profits selling their birds at about the 3-pound weight. As birds increase in size, relatively more pounds of feed are consumed for each pound of grain in weight.

Jull recognizes, however, that if the price of 4-pound birds is sufficiently higher than that of 3-pound birds, that it would pay to hold them until the heavier weight is attained. Such is not always the case, however, so it's really a question of pounds of feed per pound of grain in relation to the price. Holding birds to attain a heavier weight always incurs the added risk of slightly greater mortality.

New Egg Law

Nebraska now is operating under a new egg law that requires a license for everyone who purchases eggs in Nebraska for resale or for consignment, storage or processing. It also applies to commercial hatcheries, but not to producers who sell ungraded eggs. The state license fee is $2 a year.

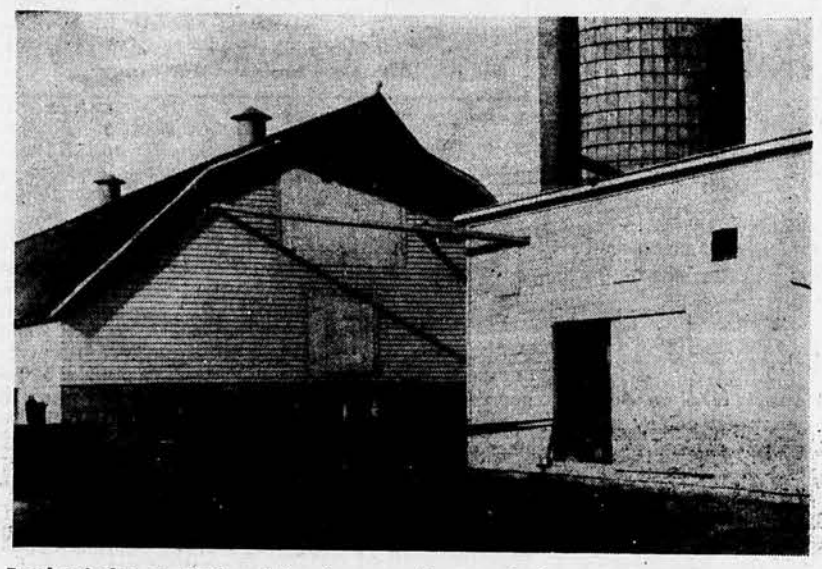
This new egg law will be administered and enforced by the Nebraska Department of Agriculture and Inspection.

Hold Turkey Day

The third annual Turkey Feeders' Day will be held October 28, at Garden City, it is announced. The program will include a review of results of this year's turkey-feeding project at the Garden City sub-station. Several lots of turkeys are being grown on separate rations to determine the most efficient feeding program.

"I think I'll be a business man. Judging from the way my home work stumps the old man, ya don't have to know a thing."

Rain or Shine They Can Grind



Feed grinder on Bircher dairy farm can be seen in its permanent location just inside the granary. Ground grain is blown directly from grinder thru pipe connecting granary with dairy barn. The job can be done now rain or shine.

DAIRY cows like their grain freshly ground. That is why Walter Bircher and son, Rolland, Ellsworth, grind fresh feed for their herd of 25 to 30 Holstein cows about once each week. That means grinding rain or shine.

To avoid the inconvenience of grinding outdoors during rainy weather, or even hauling the ground grain during wet weather, they blow it directly from the grinder inside their granary into a storage box in the dairy barn.

The storage box is located in the loft of the large dairy barn. It holds enough for about a week's supply. Ground grain is taken from the bin thru a shaft which leads down into the lower section of the barn. Pulling a slide trap from the shaft, a basket of ground grain can be collected in a matter of seconds.

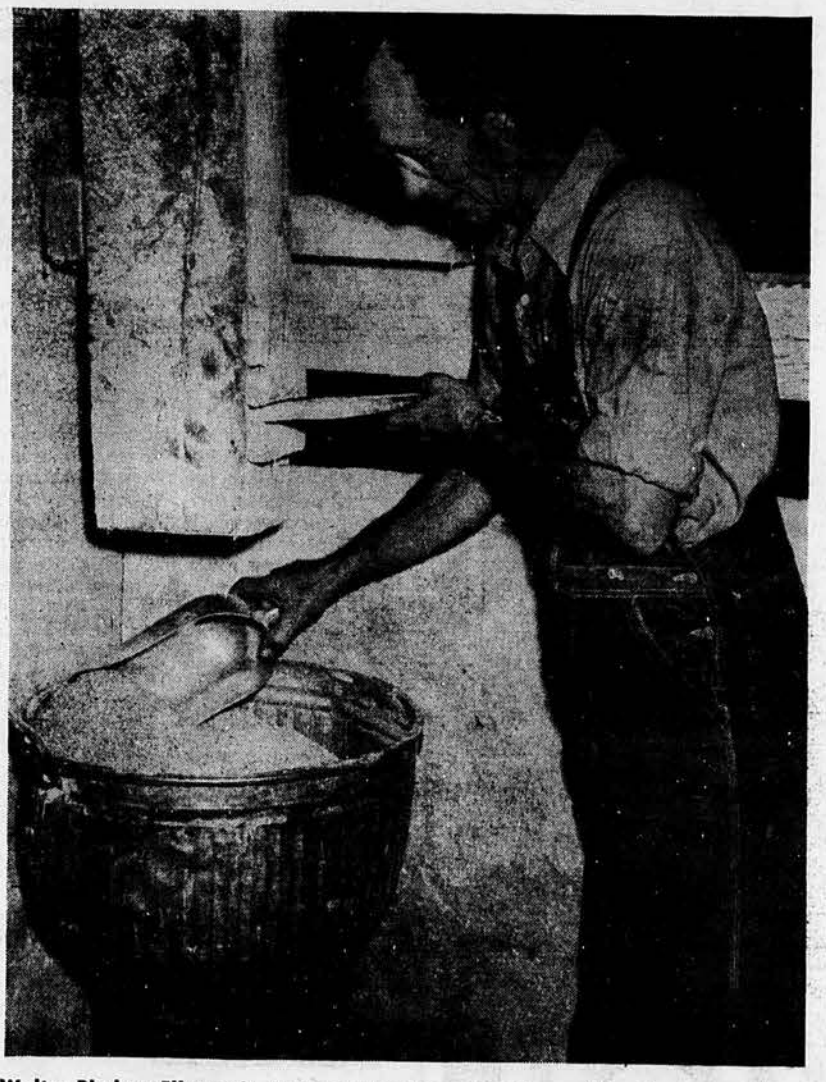
Good use of alfalfa hay and alfalfa silage also is helping maintain high production at the Bircher dairy. They used alfalfa silage the first time last year, feeding it along with atlas silage and alfalfa hay right thru the winter. Early this spring when they went to fresh brome grass and sweet clover pasture, little increase in production was noticed. Their feeding program had maintained high production thru the winter.

First-crop alfalfa this year again was blown into the silo. Practically all the alfalfa was saved. And this was a year when much first-crop alfalfa was lost.

The second crop was chopped and blown into the large loft of their dairy barn. This crop helped maintain high production in early summer when cows were on native pasture. Some increase was noted when chopped hay was added to the ration.

Turkey Price 30.8 Cents

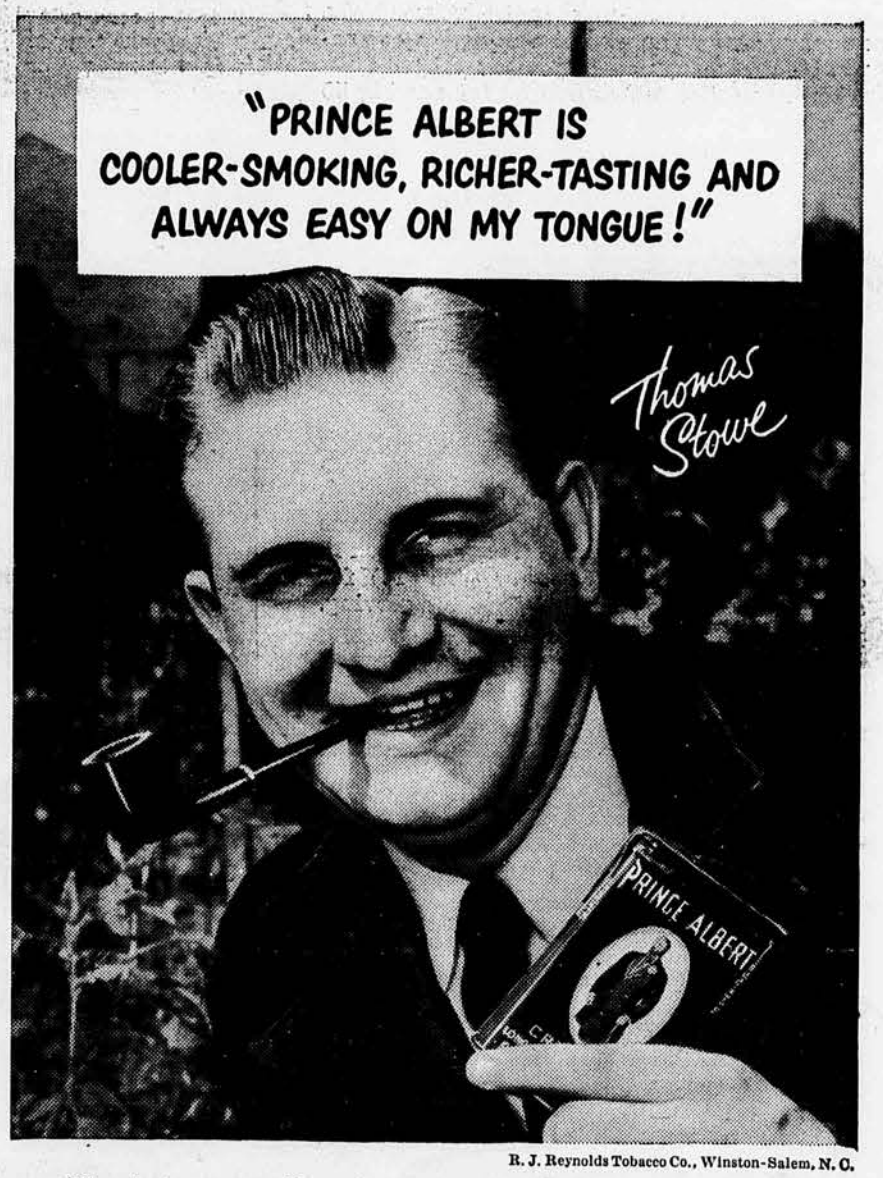
Prices on the Kansas fall turkey crop, which is expected to be increased some 30 per cent over last year, will be supported at a Kansas average of 30.8 cents a pound for live Grade A turkeys. Prices for live Grade B turkeys will be 3 cents a pound lower. The program will operate thru purchases of frozen dressed turkeys from vendors who certify they have paid the support prices to producers.



Walter Bircher, Ellsworth, demonstrates the convenience of having an overhead bin in his dairy barn for ground grain. Pulling the slide trap from the grain shaft, he can fill the basket in a matter of seconds. And it's right in the feeding aisle where he needs it.

"With crimp cut Prince Albert in my pipe I get real smoking joy."

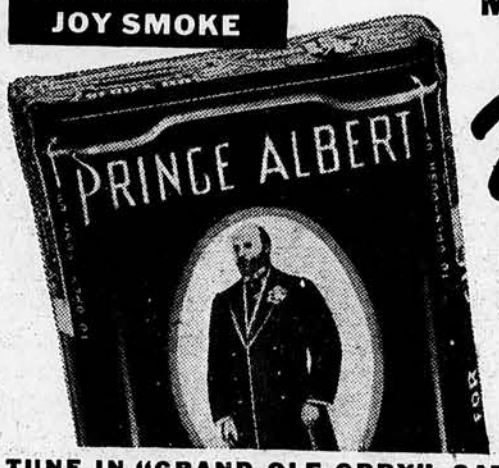
says Thomas Stowe, Mechanic



R. J. Reynolds Tobacco Co., Winston-Salem, N. C.

The choice, naturally mild tobacco used in Prince Albert is specially treated to insure against tongue bite. And the humidor top on the handy pocket tin keeps crimp cut Prince Albert fresh and full-flavored down to the bottom of the tin.

THE NATIONAL JOY SMOKE

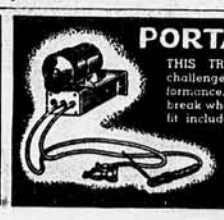


MORE MEN SMOKE Prince Albert THAN ANY OTHER TOBACCO

TUNE IN "GRAND OLE OPRY", SATURDAY NIGHTS ON NBC

BE SURE TO SEE

The Spencer Farming Exhibit at the SPENCER CHEMICAL COMPANY display—Kansas State Fair.



PORTABLE WELDERS

THIS TRACTOR-POWER D. C. WELDER challenges any 200-Amp. welder on Performance, Price and Portability. Weld its break where it happens, easily, quickly. Complete kit includes high and low amp. taps, two 10-ft. leads, insulated electrode holder, ground clamp, hood. Write for New Folder: see your dealer.

FARM POWER MFG. CO. Columbia, So. Dak.

Cooking for Fifty?

Homemaking

By Florence McKinney

By Florence McKinney

COOKING for the crowd at church or the community hall comes to every willing and able member some time or other. The cooks are on their toes buying, preparing food, deciding how much of everything. It could be a nightmare if not properly organized and accurate recipes used. Appoint 3 committees, one for buying and cooking, one for serving and another called the clean-up committee. Even if the membership of the committees overlap somewhat, get as many members as possible.

Here we offer tested recipes for serving 50 people, main dishes in variety, salad, desserts and sandwiches.

Swedish Meat Balls

- 3⅓ pounds ground beef
- 3⅓ pounds ground pork
- 1⅓ pounds ground veal
- ¾ cup chopped onion
- 1 quart bread crumbs
- 1 cup eggs
- 3 tablespoons salt
- 2 cups milk
- 1⅓ cups grated carrots
- 1 teaspoon pepper

Order meat ground 3 times. Mix ingredients in order given and shape into 100 balls. Fry meat balls in skillet to a nice brown. Put into roasting pans. Make 2 quarts mushroom sauce (see below) and pour over meat balls. Cook in oven at moderate temperature (325° F.) for about 1 hour. Two meat balls make a serving.

Mushroom Sauce

- 2 eight-ounce cans mushrooms
- 2 quarts medium white sauce

If mushrooms are large, cut in 2, then brown in a little butter. Add to white sauce and pour over meat balls.

Brown Bean Casserole

- 1 cup fat
- 2 quarts chopped onion
- 1 cup brown sugar
- 36 cups brown beans, canned in tomato sauce
- 1 quart chili sauce

Cook onion in fat until tender. Combine onion with beans, chili sauce and brown sugar. Pour into individual casseroles or baking pans and bake in moderate oven (350° F.) for about 45 minutes. Size of serving 1 cup.

Individual Chicken Pie

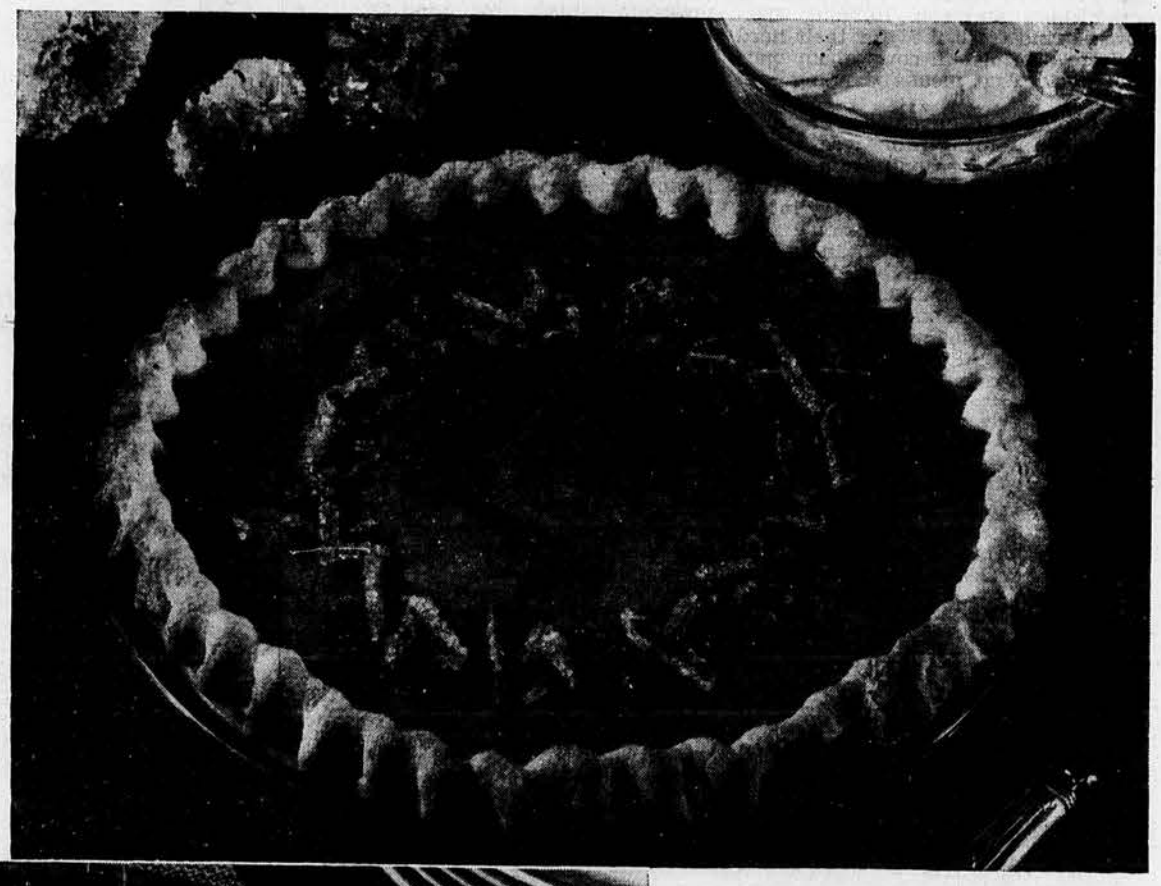
- 2 cups chicken fat
- 2 small onions, diced
- 3 cups flour
- 2 tablespoons salt
- 2 teaspoons pepper
- 3 quarts milk
- 3 quarts chicken stock
- 1 teaspoon celery salt
- 1 gallon cooked, cubed chicken (4 five-pound hens)
- 50 pie pastry tops

To make sauce, melt fat, add diced onion and cook until a golden brown. Add flour and seasonings to fat. Cook until well blended. Add hot chicken, stock and milk. Cook until thickened. Add more seasoning if desired. Put 1 heaping tablespoon of cubed chicken meat into each casserole. Add between ½ and ¾ cup hot chicken sauce. For tops of chicken pies cut round of pie pastry to fit casseroles. Brush edges of casseroles with water. Place pastry top on casserole. If desired, mashed potato top may be substituted.

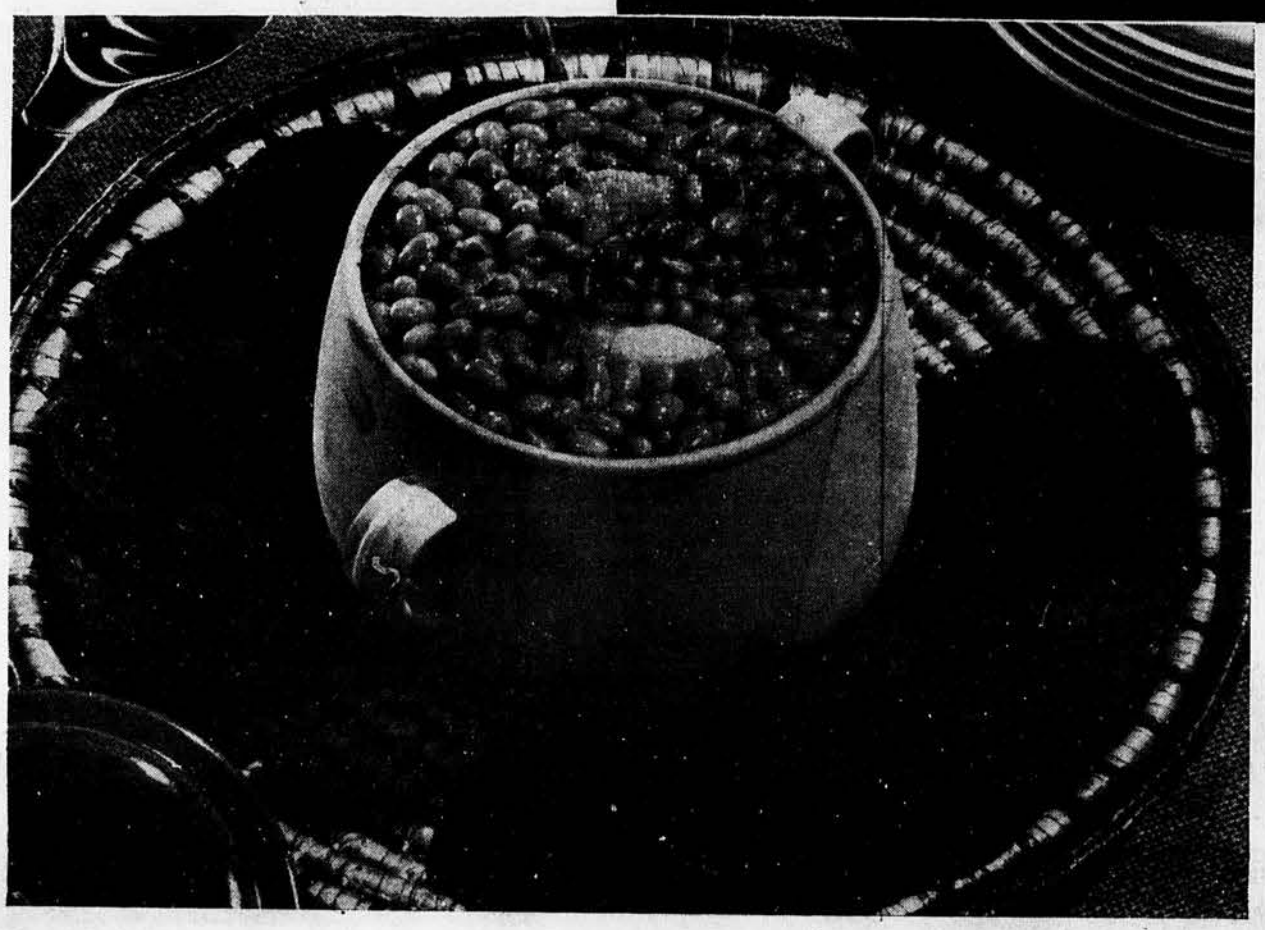
Set individual casseroles into pans of warm water. Bake in hot oven (450° F.) for 8 to 10 minutes to bake pastry. Serve at once.

Chicken pies may be baked in large baking pans instead of casseroles. Cut pastry to fit.

To make pastry use 3 pounds flour, 1½ pounds fat, 1 ounce salt and 1½ cups water. Mix and roll out as for pies. [*Continued on Page 21*]



Above: Pumpkin custard pie for 50 may be decorated with spiced ginger sticks for that extra appeal.



Left: Brown bean casserole is ideal for serving 50. It keeps warm easily and is not harmed if meal is delayed.

Cut to fit either individual casseroles or baking dishes.

Cottage Cheese, Olive and Nut Salad

3½ quarts cottage cheese
1 quart stuffed olives
1 quart pecans
6 heads lettuce
2 cups French dressing

Mix cottage cheese with chopped stuffed olives. Make into small balls, using a scant tablespoon of the mixture to each ball. Chop pecans and roll each ball in nut meats. Arrange 3 balls on a bed of shredded lettuce on a crisp lettuce leaf. Use 1 tablespoon French dressing on each salad. Size of serving, 3 balls.

Pumpkin Custard Pie

16 eggs, slightly beaten
1 No. 10 can custard pumpkin
6 cups sugar
4 teaspoons salt
4 teaspoons ginger
8 teaspoons cinnamon
2 teaspoons cloves
8 nine-inch pastry shells, unbaked
8 tall cans evaporated milk

Mix ingredients in order given. Pour into unbaked pastry shells. Bake in hot oven (425° F.) for about 15 minutes. Reduce temperature to moderate (350° F.) and continue baking 45 minutes or until knife inserted in center comes out clean. Pies may be sprinkled with coconut after baking. Cut each pie into 6 pieces.

Cheese Apple Crisp

6½ quarts apples, sliced
1 cup water
3 tablespoons lemon juice
6 cups sugar
2 cups butter
1 tablespoon cinnamon
4 cups flour
1½ teaspoons salt
6 cups grated cheese

Peel, core and slice apples. Arrange in shallow, greased baking pans. Add water and lemon juice. Mix sugar, cinnamon, flour and salt. Work in butter to form a crumbly mixture. Grate cheese, add to topping mixture and stir in lightly. Spread mixture over apples and bake in moderate oven (at 350° F.) until apples are tender and crust is crisp (about 30 to 35 minutes). Serve in dessert dishes and garnish with a heaping teaspoon whipped cream and ½ of a maraschino cherry. Makes 50 servings.

Cheese and Olive Spread

2 pounds American cheese
1½ cups cooked salad dressing
2 cups stuffed olives
100 slices bread

Grate cheese and add salad dressing. Chop stuffed olives and add to cheese mixture. Mix well. Spread on white or whole-wheat bread. Makes 50 sandwiches.

Cream Cheese Spread

1½ pounds cream cheese
4 teaspoons chopped chives
4 tablespoons mushroom sauce
4 teaspoons paprika
salt to taste
100 slices bread

Blend all ingredients well and chill. The spread is improved if allowed to stand overnight before using. Spread on white or whole-wheat bread. Makes 50 sandwiches.

One More Menu

Swiss Steak
Mashed Potatoes — Gravy
Buttered Lima Beans
Apple-Celery Salad
Hot Rolls — Butter
Lemon Chiffon Pie — Coffee

For Early Fall

9399—Few pattern parts, no shoulder seams, standaway pockets, new deep neckline and new yoke effect. Sizes 12 to 20 and size 40. Size 16 requires 4⅛ yards of 35-inch material.

4505—Complete play outfit for girl or boy . . . overalls and playsuit, blouse, bonnet and cap. Applique pattern included. Sizes 2, 4, 6, 8, 10. Size 6, overalls requires 1⅞ yards of 35-inch material. Jacket requires 1½ yards and blouse 1 yard.

4899—Skirt with only one main pattern part. Newest fashion, fake pockets, decorative buttons, back fastening, slim walk-easy lines. Sizes 24, 25, 26, 28, 30. Only one yard of 54-inch material needed for any size.

Send 25 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka.

Who'd want to come out of a Kitchen like this!

This just goes to show you the wonderful convenience and striking beauty you can have with a Geneva *Personalized* Kitchen in long-lasting, chip-proof enameled steel.

Just look at all that wide-open work space. See the bigness of the cabinets, with room to spare for all your supplies. Run your eye over that handsome stainless steel Geneva Sink —a complete work-center in itself to speed meal-getting and cleanup activities. Think of the countless steps you'll save with such a handy arrangement.

Your Geneva Kitchens dealer has dozens of other ideas. And he'll be glad to show you how *your* kitchen can be transformed at *surprisingly low cost* into a work-saving Geneva beauty like this. See him soon?

GENEVA

Exclusive Geneva Features

OUT OF THIS WORLD. Geneva's own handy Lazy Daisy corner cabinet. Revolving shelves bring every article within easy reach save groping in back corners. Both base and wall styles.

HUSH-HUSH DRAWERS AND DOORS. Sound-deadened by an exclusive Geneva process. No metallic clatter. Double-wall construction, enameled both inside and outside to prevent rusting.

DRAWERS glide smoothly, easily, quietly on nylon rollers. Heavy steel channels prevent warping and sticking. Roller type interlocking slides. An exclusive Geneva design and construction feature.

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Send me your free 16-page booklet describing Geneva Kitchens and modern kitchen planning arrangements.

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LOOKIT—buy 3 packages at a time. Keep it handy on your pantry shelf. Needs no refrigeration positively!

3 times as many women prefer FLEISCHMANN'S YEAST

700 NEW BUTTONS $1

Hundreds and hundreds beautiful buttons—all colors, designs and sizes. You can have dozens of "sets" for dresses, etc. These are "left overs" of large manufacturers who make buttons for makers of expensive blouses, dresses, shirts and other fine garments. Biggest bargain ever offered. $1 C.O.D. plus postage. SEND NO MONEY. Pay postman. If not pleased, return for money back. I pay postage on cash orders. Clip this.

GRANDMA GOODWIN, Dept. 22A, Girard, Ill.

Investments in Humanity

pay big dividends. A good example is a donation to **The Capper Foundation for Crippled Children, Topeka, Kansas.**

Coming!

THE 1949 CENTRAL STATES

Quilt Exhibition!

Of Prize Winners from State Fairs

• More prizes for the prize-winners when the top four Pieced and Applique quilts of the ten Central State Fairs compete for ribbon trophies and substantial cash awards at the 1949 Central States Quilt Exhibition in Cincinnati, October 4 to 8.

First four award winners for Pieced and Applique quilts in each of these State Fairs will be invited to participate: Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Missouri, Ohio, Tennessee, and West Virginia.

The 1949 Central States Quilt Exhibition is sponsored by the makers of MOUNTAIN MIST the needle-easy, super-soft quilt filling. It's another event in the company's years of service to quilt makers and quilt lovers. Further details on request.

MOUNTAIN MIST

The Perfect Filling for Quilts

AT DRY GOODS AND DEPARTMENT STORES

THE STEARNS & FOSTER COMPANY • CINCINNATI 15, OHIO

Tailoring Is Popular

Tailoring has proved one of the major attractions of the home demonstration program. Harper county women and children model completed garments at a style revue. In 1948, 35 HDA's held tailoring schools.

News to You?

Keep crackers and wafers in their boxes in the warming oven of the stove and they will be as crisp and fresh-tasting as the day you bought them. This is a good place to store leftover bread, too, as it dries slowly and when you are using the food chopper for some other purpose, you can quickly grind the stale bread, store in a jar, and have ready for use on quick notice.

A package of pipe cleaners in the kitchen drawer will help out in innumerable ways. They'll get into corners and small openings where a cloth or brush will not go. They are perfect for the neck of the percolator.

Before frying fish, rub with lemon; it improves the flavor and helps eliminate the fish odor.

To freshen dining-room chairs that you don't wish to recover, and to bring color into the dining-room, use bright-colored pads for the seats and back. Arrange to have them snap on and off with tapes.

An easy way to make a sour-cream dressing is simply to whip the cream until it is smooth and somewhat stiff. Then add a little salt and if you like it, add a dash of onion juice.

Be sure wet dresses and blouses are not hung on rusty hangers to dry. It's hazardous indeed and rust is extremely difficult to remove.

To repair edges of a rug that are frayed, place a heavy cord around the edge and bind to the rug with yarn.

Pass Cupboard Is Convenient

Betty Krehbiel, McPherson, replaces dishes to the pass cupboard at Ellen Richards Lodge on campus, Kansas State College. Cupboard opens into kitchen on one side, into dining room on other. Drawers for linens pull from either side. Note adjustable shelves for various heights of dishes. Nesting of dishes of various types and sizes is not necessary here.

Crocheters, Take Note!

MANY a fine piece of crocheting fails to look its best because it is not laundered and blocked properly. Ribbons at the fair are awarded on this basis too, as well as the actual work itself. It isn't difficult to do . . . it's just in knowing how.

Make sure the reverse side of the work is neat for that's the mark of the expert needlewoman. When breaking off the thread or yarn, leave a piece from 4 to 8 inches long beyond the last loop. Thread a needle with this length and darn thru the solid part of the work until securely fastened. Cut off the remainder. Starting threads should be long enough to finish in the same manner. When sewing pieces together, instead of knotting the thread, catch in the loose end with several small over-and-over stitches, or darn the thread thru the solid portion for a small distance.

When washing, make a lather of soapy suds and water, taking care to have all soap particles well dissolved before immersing the lace. Squeeze the lace gently, forcing the suds in and out, until it is thoroly clean. Rinse in lukewarm water several times until all traces of soap have been removed. Rince once in cold water and roll in a bath towel to absorb excess moisture.

If the lace has been laundered, dry thoroly before starching. Make a starch solution suitable for the article you wish to stiffen. For heavy starch, mix ½ cup of starch with ½ cup of cold water. Stir until completely dissolved. Add 2 quarts of boiling water and cook slowly, stirring constantly, until the mixture becomes transparent. Keep covered until cool.

If light starch seems right for your lace, add 3 quarts of boiling water instead of 2 quarts. Dip one article into the cool starch solution. Squeeze out the excess starch and roll in a bath towel.

Now for the blocking . . . pin the damp lace right side down to a padded ironing board with rustproof pins, gently stretching and shaping it to the measurements in the directions. Pins should be spaced about ½ inch apart. Press with a cloth. If the lace does not require laundering or starching, pin it dry in the same way and use a damp cloth for pressing. Raised patterns should be placed face down over heavy toweling.

If the piece is made of wool, launder exactly the same, using only lukewarm water thruout the entire operation. Do not rinse wool pieces in cold water.

With rustproof pins, pin pieces wrong-side-up on Turkish towels, following the measurements given in the directions. Press with a moderately hot iron, thru a damp cloth, taking care not to rest the weight of iron an any part. Remove pins when pieces are dry, then sew pieces together as directed.

The Poet's Corner

All Boy

He likes the squash of mud between his toes
The careless happy look of rolled up jeans,
And tho the sun makes freckles on his nose
He wears no hat to cramp his reckless mien.
He seems to be on such familiar terms
With bugs and snakes and anything with wings,
And pockets stuffed with crawly fishing worms
To him prove not all disquieting.
With saw and tools he shows a growing skill
He takes a pair of wheels and builds a cart,
With grubby hands he labors with a will—
A rusty bike is fun to take apart!
And at this age he almost always hurls
Derision, if one even mentions girls!

—By Mary Holman Grimes.

Dreams

Oh there is cheer enough in dreams
And in the fragrant scent
Of rain-washed yellow roses
That weaves accompaniment.

Oh, my dear, it matters not
That rain drops drum the roof,
With you companion to my dreams
They all are weather-proof!

—By Mary Holman Grimes

First Days

First days of school, but my! how long
Preparation's been going on.

Brief, ruffled frocks with matching bows . . .
A brook of endless question-flows.

Then suddenly the day of days
The first real parting of the ways.

First coming out for little girls
So sugar-sweet, with hair in curls.

I take the trusting little fist,
Can't tell whose heart pangs worst at this.

The child thinks this is all so new!
And I, by sharing, dear, will I lose you?

—By Lillian Easley Moore.

Child and His Dog

A scene that makes the heart turn mellow
Is an old, old dog and a little fellow,
Neither knows a language, but they say so much
Via expressions, gestures and such.

The dog wags his tail in friendliness,
The small child's smile is all sweetness,
What expression in that dog's chestnut eyes,
The child pats him gently, that's love undisguised.

—By Pauline Bender Rhoden.

Company

Company never seems to come
When I am spic and span,
When floors are swept and dishes washed
And things run true to plan,
When ice box shelves are full of food
And I have baked a pie,
When clean-faced youngsters run and play
And laugh instead of cry,
No, company never seems to come
When things are running right,
But unfailingly arrives
When everything's a sight!

—By Mary Holman Grimes.

In Flower Cutting

Flowers will last longer if cut in the evening or early morning. Put them at once into a pail of cold water and move them to a cool place for 2 hours. Use a sharp knife and cut stems on a slant . . . that helps them to absorb more water.

For Autumn Parties

A variety of suggestions for entertainment at parties this season, are given in Kansas Farmer's leaflet's, "Halloween Fun" and "Hilarious Games." Suitable invitations, decorations, refreshments, place cards, fortune telling, and many games.

Complete instructions for making the harvest twins—the farmerette and the farmer, also the witch, are given in another leaflet, "The Harvest Twins."

For a copy of these leaflets, please address Entertainment Editor, Kansas Farmer, Topeka, Price 3c each.

On Rice Mound

Sausage, meat balls and pork chops are attractive and tasty when they are served on a mound of rice.

To Keep Clean Cover

Slip a discarded pillow slip over the end of the ironing board when ironing articles that are not color-fast. This keeps the regular ironing board cover clean.

Butter-Nut Coffee, 412 South 19th Street, Omaha, Nebraska.

Please send me _____ "Pair and Spare" nylon sets. I enclose $1.10 and a label (or part of a tin strip) from Butter-Nut Coffee for each set ordered.

PLEASE PRINT

Name _____ Size _____

Address _____

Town _____ State _____

OFFER ENDS OCTOBER 8, 1949

SPECIAL PURCHASE FROM A FAMOUS HOSIERY MILL

"Pair and a Spare" is 3 hose. Damage one and you still have a pair you can use! Just like getting 2 pairs of beautiful, sheer 15 denier nylons for $1.10. In the popular new Autumn Biege shade. Order one set or several. But act now. Offer ends soon.

Just send this coupon with $1.10, your size, and a Butter-Nut Coffee label or tin strip for each set you order. Address Butter-Nut Coffee, 412 South 19th Street, Omaha, Nebraska.

Butter-Nut is Marvelous Coffee – First Choice in Over a Million Homes

"—NO MORE UPSET STOMACH"

Do you suffer heartburn after meals?...feel logy? ...uncomfortable? Then read this heartening letter from a woman who found her way to *better digestion* and *better health:*

"Before switching to POSTUM, I suffered both indigestion and nervousness... But now my nerves are quieted and my digestion much improved. No more upset stomach after drinking POSTUM!"

SCIENTIFIC FACTS: Both coffee and tea contain caffein, and caffein is a drug which in many persons tends to produce *harmful stomach acidity*, as well as *nervousness* and *sleepless nights*. So while many people can drink coffee or tea without ill-effect, others *can't*—and this may mean YOU!

MAKE THIS TEST: Give up coffee—give up tea—drink POSTUM exclusively for 30 days—and judge by results! Remember: POSTUM contains no caffein or other drug—nothing that can possibly cause indigestion, nervousness, sleeplessness! Ask your grocer today for INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran. A Product of General Foods.

3% SAVE BY MAIL

NOW—let your idle funds be earning a LIBERAL dividend. We've been paying at least 3% on savings for 20 years.

Current Rate

United Offers You —
SECURITY - AVAILABILITY

UNITED BUILDING AND LOAN ASSOCIATION

MAX A. NOBLE, *President*
Write Dept. 14 for Information
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THE NEW **Duplex ROTARY SCRAPER**

Most modern, simplified scraper on the market. Automatically loads. Bulldoze backwards. Many other exclusive features. "Patd."

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Amazing Fuel Saver!

HEAT WITH WOOD

Over 3,000 retailed in one city. Many users report more than 50% savings in fuel costs, still enjoying safer thermostat-controlled 24-hr. heat. Should build but one fire per season. Many heating entire homes.

Guaranteed by Good Housekeeping

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DOWNDRAFT THERMOSTATIC
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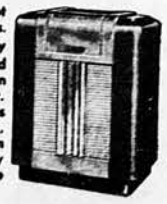

Wood burns clean. Less soot and grime. Saves walls, drapes. Most types wood successfully used. No fires to build on cold mornings. Remove ashes on average of 3 times monthly. Ashleys are patented. 7 types and prices. If no dealer near, we will ship immediately from nearest warehouse and pay freight. No C.O.D. Write TODAY for free details.

Choice Dealerships Available.

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It May Be Due to Allergy

By CHARLES H. LERRIGO, M. D.

DESPITE advancing knowledge of allergy, people are inclined to make light of skin ailments. They ask for "a little salve to rub on" or they experiment with some liniment that is "good for man or beast." Perhaps that is one reason skin troubles hang on so stubbornly.

Dr. Lerrigo

Health of the skin is of great importance to health of the entire body. There are individuals whose least variation in health is promply reflected in some skin irritation. Sometimes such irritation can be traced to certain every-day substances which do not affect the average person in the slightest. Individuals may even be so sensitive that inks used in printing newspapers, the coloring used in nail polishes, the feathers of a pillow, the wool, silk or nylon of clothing will produce skin allergy.

In the food eczemas such standard foods as wheat, milk, eggs, fish, nuts, berries, or shellfish are found responsible, but only in the allergic. In young children numerous cases are found in which severe eczemas of scalp and face disappear as soon as every trace of egg food is removed from the diet of the mother; in others it is cows' milk that is the offender. Nor is this confined to children. Many eczemas of adult persons are due to excessive sensitiveness to some article of food; still others may arise because of frequent contact with some other articles which possess for the sensitive skin unusual powers of irritation. The eczema is really an internal explosion—a protest against the irritant.

It is obvious that patients so afflicted are in for a lifetime of trouble, unless they can discover the irritant and avoid it, or take treatment that will desensitize them. This is more possible in recent years because doctors are giving special attention to this peculiar sensitiveness. The doctor's term, allergy, has became slang but the trouble is no less serious. Any sufferer with chronic eczema owes it to himself to consult a doctor who gives allergy special attention. If your family doctor has not made it a study, he will refer you to someone reasonably close at hand who has, or he can begin his studies with your case. Tests of your skin will have to be made, for the only treatment of value is that which exactly fits your particular case. These tests produce reactions upon sensitive skin, but they clear up readily and result in cure when they demonstrate to the physician the particular substance to which you are allergic. After the irritant has been detected, the physician gives desensitization treatment, usually finding it best to administer this by a series of hypodermic injections.

Both hay fever and asthma are classed as diseases of allergy. In these serious troubles the physician's treatment may be so extensive as to govern the complete routine of daily living until a cure is effected.

May Help Eye

I am a young man 24 years old and was born cross-eyed. My right eye is crooked altho not as bad as some I have seen. Sometimes it will stay straight but I cannot hold it there. Can it be straightened by wearing glasses? Or would an operation be successful?—M. T. W.

It is a great mistake to allow a defect of this nature to go without treatment. In young children, cross-eyes (strabismus) can often be corrected by proper fitting of glasses, without any operative treatment at all. I think it possible that even at this advanced age the eye may be corrected by an operation on the muscle and then applying glasses. It is worth the effort.

Remove the Cause

Is bad breath caused by what you breathe out or what you breathe in? How can it be cured?—S. V. B.

"Bad breath" seldom has anything to do with breathing. It is a term used to designate any bad odor coming from a person's mouth. More than from any other cause it is due to decayed or unclean teeth. It may be caused by bad tonsils. Occasionally a very bad catarrh is the cause. Indigestion is not a frequent cause but if the condition is chronic and there is much fermentation, it will produce bad odor. The cure lies in finding and removing the cause.

Pad in Dishpan

I place a clean towel in the bottom of the dishpan when washing my delicate china and glassware. This protects it from breakage.—Mrs. B. E. L.

Use Clothespin

When winding a bobbin, clamp a spring-type clothespin on the end of the spindle to keep spool from flying off.—Mrs. D. M.

A Good Method

To singe a chicken, pour a little rubbing alcohol in a small dish or pan and light a match to it. The alcohol will burn with a blue, smokeless flame. When singeing a chicken there will be no discoloration from smoke as there is when burning paper is used.—M. O.

"It'll break their hearts when we tell 'em we just stopped for a sandwich."

For Stained Vases

I clean my vases and any other dishes that have a hard-water line in them by allowing sweet milk to stand in them covering the line, until it has become very sour. If this method doesn't remove the watermark the first time, I repeat until it is gone.—Mrs. H. L. F.

Protects New Paper

Pasting a piece of tin foil over a grease spot on wallpaper before you repaper the room will keep the grease from coming thru.—H. S.

Keeps Dry and Sweet

Lime placed in a small pan in a cupboard or closet which usually is damp will keep it dry and odorless. Lime should be renewed every 2 or 3 weeks.—Mrs. W.

Know Your Galoshes

An initialed clothespin is just the thing to use to clip galoshes together when leaving them in a public place.—D. M.

Socks for Ladder

A pair of wool socks on the upper ends of a ladder keep it from marking the house when you're changing storm windows or painting.—Mrs. F. W. Todd.

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Minerals Help Cows

Blood Tests Show How Dairy Animals Need Nutritional Aid

By ED RUPP

DEFINITE changes for the better begin to take place in the blood picture of a Brucellosis-infected cow when minor elements, commonly known as trace minerals, are added to the diet. And those changes take place surprisingly fast.

In short, the blood picture seems to indicate that the cow is getting well. That fact was demonstrated this summer in an exploratory experiment carried on in the Springfield, Mo., area.

Specific tests were made of the blood from 3 dairy cows. All were reactors to Bang's disease when tested June 8. When salts of minor elements were added to the ration in therapeutic doses, the blood picture began to show marked improvement in successive tests.

Let's look at the blood picture of one cow in particular. Changes in her condition were quite typical.

On June 8 she was a positive reactor to Bang's disease. The cow was sick. Extremely so. She had a high fever. She acted as if it hurt her seriously to walk. Every step seemed to hurt. Milk production was low and test was low, too.

Hemoglobin reading of this cow's blood June 8 was 50 per cent. Red blood count was 4,140,000. White blood count was 6,050 and there was evidence that new white corpuscles were being formed rapidly as possible.

Another blood test was made June 21. Hemoglobin was up to 55 per cent. Red blood count had increased to 4,320,000. White corpuscles were up, too. The count was 7,400. Explanation for that increase of white blood count, believes Dr. Ira Allison, Springfield physician making the tests, is that the cow was better able to produce them to fight the infection of Bang's disease.

Look at This Test

Now, let's look at another test made 9 days later, June 30. Hemoglobin was up to 60 per cent. Red blood count was 4,950,000. White blood count dropped to 5,800. Looking at that blood picture, you get the idea the cow should be feeling better. She was. The cow was eating better. Beginning to give more milk and richer milk. She was beginning to look alive. An agglutination test was made for Bang's at the same time. She was no longer definitely positive. Only mildly suspicious.

Another test was made July 20. Hemoglobin was up to 83 per cent. Red blood count was 5,100,000. White blood count was down to 5,700 and indications were that new white corpuscles were being added very slowly now.

On July 27 another agglutination test was made to see how the cow stood with her infection, Bang's disease. She was negative. Clear all the way on all dilutions.

Also, you could see by looking at the cow she was getting well. She was no longer walking with measured steps. She was eating better. The cow was getting just plain frisky. And while getting well she was giving more milk. By the end of July the cow was producing 2½ times as much milk as she was the first of June. And the test had improved remarkably.

Those results were not particularly surprising to Doctor Allison. For several years he has been observing similar changes in the blood pictures of hundreds of human beings sick with undulant fever and receiving trace-element therapy. Results of his work with undulant fever have appeared several times in Kansas Farmer during the last 2 years.

Starting with low hemoglobin percentage and low red blood count, these gradually increase with trace-element therapy, improvement of diet. High white blood count goes down in a surprisingly short time. Trace elements used were salts of manganese, magnesium, cobalt, copper and zinc.

A large herd of dairy cattle was subjected to experiment in the Springfield area more than a year ago. During the year preceding the feeding of trace elements to these cattle 20 live calves were dropped from 56 cows. After a year of trace-element feeding, each of 52 cows delivered a calf. Included were 2 abortions and one that was injured fatally. This herd had made a remarkable improvement in one year's time.

Got Worse, Then Better

These cows were tested in late spring of 1948 when trace-element feeding began. There was a high incidence of Bang's disease. The next blood test for Bang's was made in fall. The blood picture looked worse. But that is usual. Doctor Allison says blood pictures of human patients reacted in a similar manner. But the next blood test showed an improvement in condition.

On this farm soil treatments also were attempted. First major nutrient elements, calcium, phosphorus, potassium, were applied according to careful soil tests. Then minor or trace elements were supplied according to determinations by spectrograph. As the herd started grazing on treated soils, direct trace element feeding was omitted and no irregularity was noticed. But improved milk production in the herd was lowered somewhat when trace elements were added to the feed while cows were grazing on soils fertilized with both major and minor elements.

That suggests it may be possible to overdose by adding trace elements to the feed if the soils already are providing these trace elements thru the field crops. However, that will require much more experimental work.

"Batten the hatches, men! Heavy squall coming!"

Lincoln's Wisdom

"You cannot bring about prosperity by discouraging thrift."

• •

"You cannot strengthen the weak by weakening the strong."

• •

"You cannot further the brotherhood of man by encouraging class hatred."

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"You cannot help the poor by destroying the rich."

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"You cannot help men permanently by doing for them what they could and should do for themselves."

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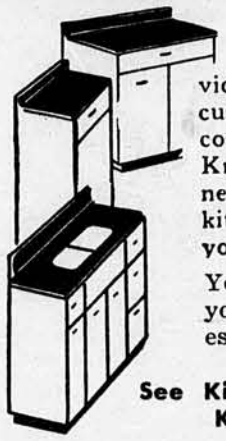

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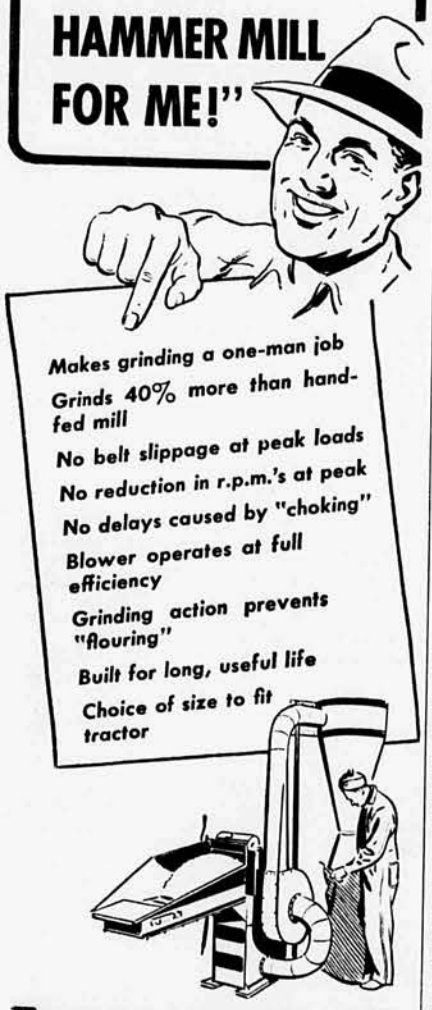

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Acres of farm machinery, hundreds of homemaking items, conveniences and necessities of every description can be seen during the big week. It will be a million dollar show, counting retail prices of this merchandise.

There are many Kansas manufacturers listed among the exhibitors this year. The prominence which this state is attaining in manufacturing fields is attracting many enterprising people to Kansas cities and towns, and the products which they fashion should supply singular interest to visitors.

The great variety of items which are being shown is a credit to the versatility of Kansas and the greatness of the fair. Everything from fertilizers, hybrid corn, feeds and seeds to the latest kitchens, tractors, heavy machinery, silos and lubricating oils is being put in place. Windmills, water systems, steel buildings, airplanes, truck bodies, soil movers, electric motors and air-conditioning equipment add to the list. The list is long and impressive, as follows:

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Alluminum Sales Co., 620 Metropolitan Life Bldg., Minneapolis, Minn.
American Eutectic Welding & Sales, 40 Worth St., New York, N. Y.
American Road Equipment Co., Logan, Kan.
American Zinc Institute, 4215 Nicollet Ave., Minneapolis, Minn.
Anaconda Copper Mining Co., Anaconda, Mont.
Anchor Serum Co., Exchange Bldg., St. Joseph, Mo.
Ark Valley Fdy. & Mfg. Co., 721 Sunnyside, Dodge City, Kan.
Armco Drainage Co., 15th and Santa Fe Tracks, Topeka, Kan.
Atchison, Topeka & Santa Fe, Topeka, Kan.
Baker Mfg. Co., 216 W. 2nd, Hutchinson, Kan.
B. & B. Welders, 329 West Fourth, Hutchinson, Kan.
Baldwin-Ward Mfg. Co., Ottawa, Kan.
Barlow & Sellig Mfg. Co., Ripon, Wisc.
A. F. Beard, 506 W. 1st, Pittsburg, Kan.
Baughs Photograph, 23 N. Main, Hutchinson, Kan.
Beech Aircraft, Wichita, Kan.
Berry's Ajax Hatchery, Quincy, Ill.
Big Chief Mfg. Co., Box 473, Hutchinson, Kan.
Black, Sivalls & Bryson, Box 580, Great Bend, Kan.
Bolens Products Division, Port Washington, Wisc.
H. M. Bunker, 1028 South Broadway, Wichita, Kan.
Burnett's Spraying Equipment Co., 808 S. 2nd, Dodge City, Kan.
C. F. Bunte Coal Co., 300 S. Main St., Hutchinson, Kan.
Butler Manufacturing Co., 13th Eastern, Kansas City, Mo.
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J. I. Case Co., 2133 Broadway, Kansas City, Mo.
H. G. Casey, 1501 S. Emporia, Wichita 11, Kan.
C. & D. Tractor & Equipment Co., P. O. Box 7071, Kansas City 2, Mo.
C. & H. Air Service, 830 W. 4th, Hutchinson, Kan.
Central States Distributors, 1910-12 Washington Avenue, St. Louis 3, Mo.
Chase County Implement Co., Strong City, Kan.
Chester L. Anderson Co., 416 Bitting Bldg., Wichita, Kan.
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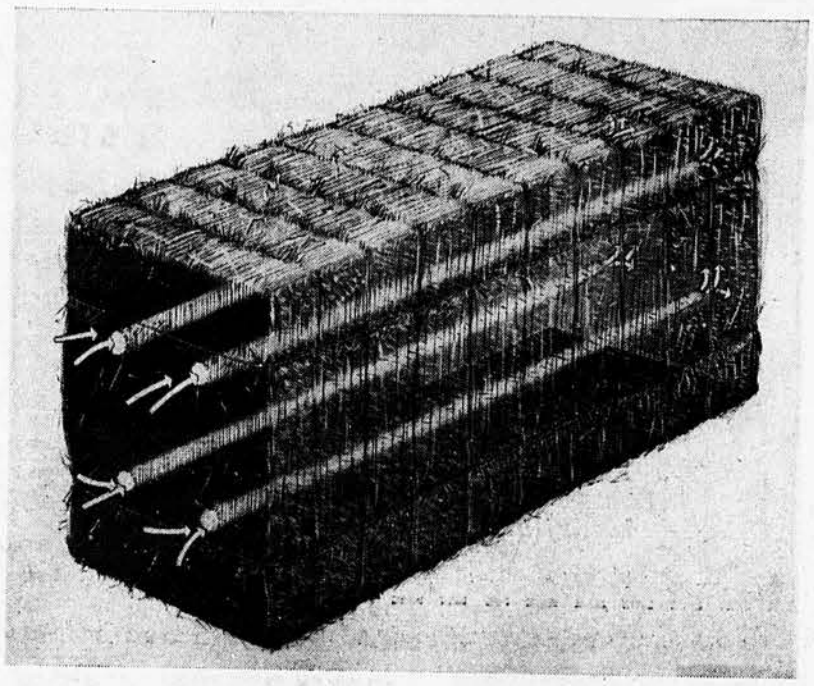
(Continued on Page 27)

Bale Will Be "Ventilated"



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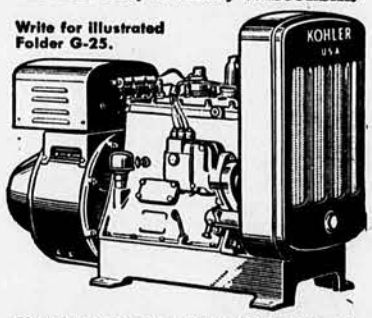

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Wells Aircraft Sales, Municipal Airport, Hutchinson, Kan.
Wilbert Vault Co., 1455 N. Washington, Wichita, Kan.
Yingling Aircraft, 216 Administration Bldg., Wichita, Kan.

Success With a Windbreak

Here is proof that windbreaks can be established in extreme Western Kansas. This 3-year-old windbreak is on the Charles Marak farmstead, in Hamilton county, and shows almost 100 per cent livability.

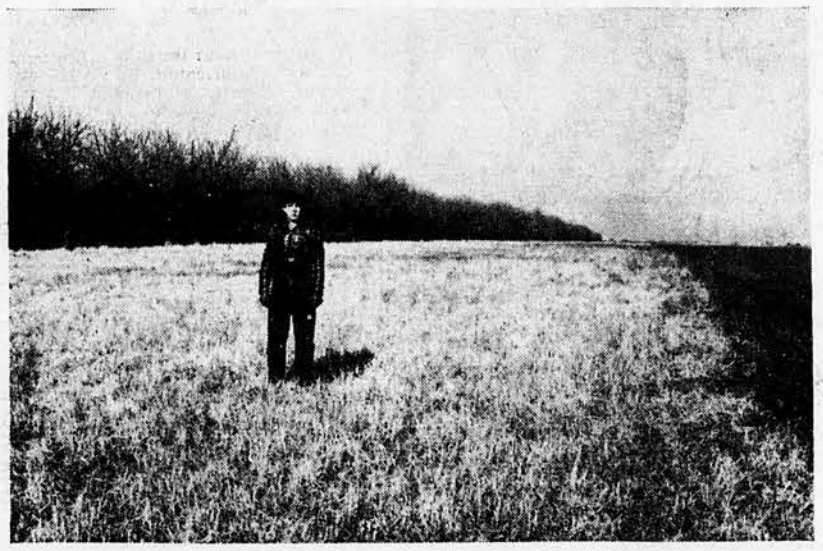
WINDBREAKS are hard to establish in Hamilton county but they are worth the effort, says Charles Marak, of that county. His windbreak has gone thru its third summer this year and livability is almost 100 per cent.

"Most people report they find it very difficult to establish cedars here," says Mr. Marak. "I don't know why mine would be any different from others, but I haven't lost a cedar yet. My biggest obstacles to growing the windbreak have been hail and grasshoppers. Considerable damage has been done by hail."

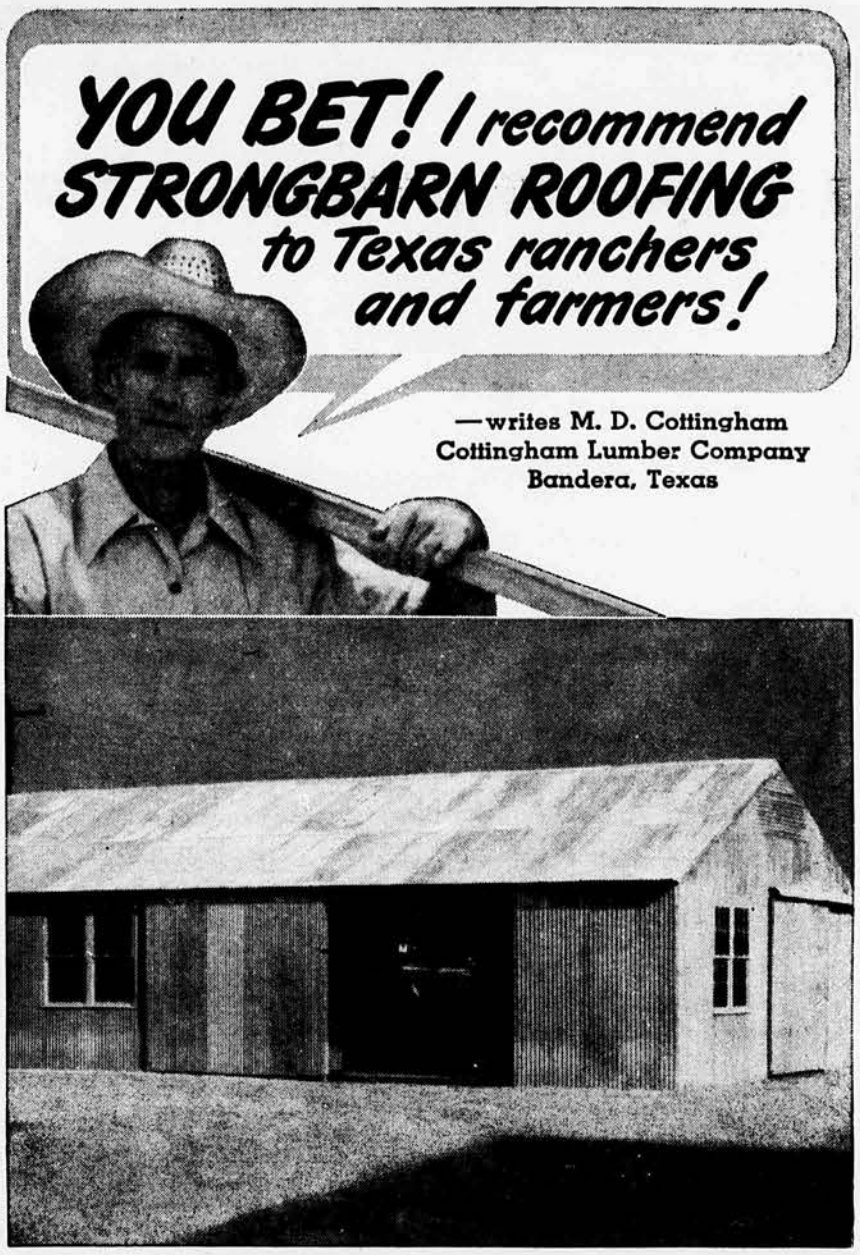
The Marak windbreak has a row of currents, a row of cedars, 2 rows of Chinese elm, a row of Russian olives, and part rows of Syracuse sand cherries and Nanking cherries.

The editor of Kansas Farmer would like to know who has the oldest windbreak on a Kansas farm. When planted, kind of trees and how valuable it has been.

Made for Water



THIS 7-acre stretch of brome grass seeded by John DeMott, 4-H conservation winner from Cowley county, provided an excellent outlet for terraces he built on this field. The outlet is on the back side of a quarter-section tract. Is not necessary to cross it with tillage tools when working ground on this farm. That can be done with a little planning.



"After many years in the lumber business, I find that Granite City STRONGBARN ROOFING and SIDING gives us fellows something to talk about," says Mr. Cottingham. "STRONGBARN is a tough, strong corrugated steel sheet that really does the job.

"In fact, I like STRONGBARN so well that I used it on my planing mill and machinery building. That way my farmer and rancher friends can see for themselves how easy STRONGBARN is to use . . . how tight each sheet fits . . . how STRONGBARN resists the heavy winds, rain and hail that we have in Texas. And, of course, I tell my customers how STRONGBARN saves them money.

"Yes, I'm a STRONGBARN booster. And I recommend this wonderful roofing to every farmer and rancher everywhere.

PATENTED STRONGBARN GALVANIZED STEEL ROOFING AND SIDING IS STRONGER, BETTER AND CHEAPER

PATENTED STRONGBARN is stronger than 26 gauge conventional roofing even though 21 lbs. per square lighter.

PATENTED STRONGBARN means tighter roofs and siding. It stays flat and even, with tight joints. That's why it resists winds that tear and buckle conventional roofing.

PATENTED STRONGBARN is easy to apply. Because it is stronger and tougher, it wears longer and better.

PATENTED STRONGBARN saves you money because it is lighter. Also because Purlins and Girts in new buildings can be spaced further apart than required for conventional galvanized roofing and siding.

See your dealer or write:

GRANITE CITY STEEL COMPANY

Granite City, Illinois

"Skelly Products can't be beat," says 30-year customer

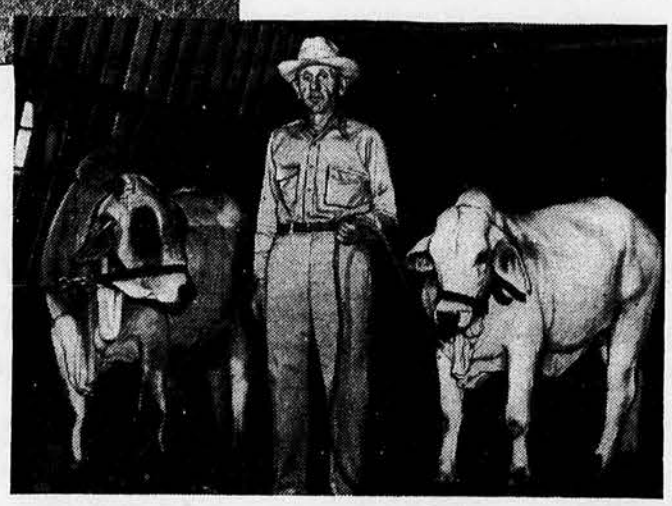
George Sluss, of Butler County, Near El Dorado, Kansas...Successful Cattleman and Satisfied Skelly Buyer Since 1919

Back in 1919, George Sluss began breeding and raising cattle on his 1000-acre farm in Kansas. That same year, he started buying the first Skelly petroleum products that came from nearby El Dorado, the birthplace of the Manufacturing and Marketing Departments of Skelly Oil Company. In the thirty ensuing years, Mr. Sluss has become one of the nation's foremost breeders of prize-winning cattle. And he's remained loyal to Skelly! In his own words, "I've learned Skelly products and services can't be beat."

(Below) Typical examples of the fine, sturdy Brown Swiss cattle Sluss has marketed all over the world.

(Below) Several dozen head of registered Brahma cattle have joined the Sluss herd. At present, he is breeding them with some of his Brown Swiss cattle.

(Left) George Sluss recently sold this 2710-lb. Brown Swiss bull at Wichita. Reported to be the largest bull ever to appear on the Wichita market, the big fellow was a blue-ribbon winner for many years.



Skellyman Lot Leonard serves many farms around the El Dorado, Kansas, area satisfactorily. He's kept busy being a good neighbor to his customers and friends. Find out how Skelly can help *you*—contact your Skelly Tank Station Salesman or Jobber today. His full line includes Skelly Supreme, Skelly Fortified Tagolene and Heavy-Duty Motor Oils, lubricants, fuels, and accessories. Money-back guaranteed!

SKELLY OIL COMPANY

Tune in Alex Dreier with his first network news commentary of the day, Monday thru Friday, and to Lloyd Burlingham on Saturday, over NBC.

Handy Ideas

For Slicing Cheese

Slice cream cheese with a piece of white thread. Even thin slices won't crumble.—Mrs. O. L.

Saves Wax

Before using a cloth to wax the floor or furniture, soak it in cold water and wring it out. The cloth will then not absorb the wax and you can save a good deal of wax that otherwise would be wasted.—Mrs. J. C.

Bedside Bookshelf

A handy bedside bookshelf can be made from an orange crate. Make shelves of graduated heights, and the top may be used as a table. Cover with pretty material. This is a handy piece of sickroom furniture; also it can be moved around easily.—C. B.

Scissors Beats Knife

I like a keen, sharp-pointed pair of scissors to snip out the core from half a grapefruit. This beats a knife and does a much better job.—P. A. M.

Soap Saver

To utilize those little scraps of soap, tie them tightly in a piece of soft flannel and dip in boiling water until soft. Place in cold water until firm. Remove the flannel and a good ball of soap is ready for use.—H. M.

Helps Find Leak

Ever locate a leak in your roof from the attic side, then try unsuccessfully to find the same spot on top? Thru the tiny light holes you can see from the attic side, slip short pieces of fine wire until they project above the roof. Then go topside, locate your markers, and make repairs.—K. A.

Kerosene Good Cleaner

Next spring when you are cleaning your window and door screens, use kerosene. It will not only do a better job and prevent rust, but it will also keep the mosquitoes from settling on the door and slipping in when the door is opened.—Mrs. F. N.

Shears for Meat

Use the kitchen shears to cut the baby's meat. To make the pieces as fine as desired, snip the meat into narrow strips, then cut across the strips 3 or 4 at a time. The shears do the job in half the time required by a knife and fork. —Mrs. W.

To Remove Rust

To remove rusty spots from nickel, grease well with lubricating oil. Let stand for several days, then rub vigorously with a rag soaked in ammonia. —M. G. M.

Eraser for Umbrella

I have found that by slipping a pencil eraser over the tip end of my umbrella, it will not slide to the floor whenever it is stood against the wall.—K. A. E.

Chamois Stays Soft

A wet chamois will not dry hard and stiff if it is kept in motion while drying. If it is not windy enough outdoors, hang the chamois on a string in the breeze from an electric fan.—E. A. K.

"I haven't the heart to tell him his wife took the baby home this morning!"

Now That You Have Electricity

By CHARLES HOWES

THIS department understands many electrical contrivances mentioned here during the past months will be on display at the Kansas State Fair in Hutchinson. Everything from electric household appliances and kitchen equipment to heavy-duty merchandise is listed for exhibition space at this biggest of all editions of the fair.

We suggest here would be an excellent opportunity to examine the brands of merchandise which are being produced for farm and home. See you at the Fair.

Kansas gets its first taste of commercial television this fall with the start of a Kansas City station. Test broadcasts it is reported, have been received thruout a radius of more than 100 miles from the tower, a matter which holds interesting promise for future expansion in the state. The signal from television equipment travels in a straight line from the antenna to the receiver, which limits the range of reception to the horizon. Kansas, being a level upslope from east to west, may be a singularly good television state, according to experts. Thus it may be possible to predict video reception spreading westward before long.

The country seems to be going to electric dishwashing. Some Kansas dealers told of seeing an entire stageful of these new portable rigs on display a week or two ago. It's a washer arrangement that can be rolled all over the house. It's possible to stack the dishes directly from the dining table, then roll the machine into the kitchen and set it in operation. The water supply is the hot-water faucet, power comes from the household circuit, and it drains into the sink.

Another dishwasher on the market features its own water heater in order to provide pasteurizing temperature for the water. Thus, dairy equipment may be washed and sterilized by the same mechanism.

We are warned this is the time to give electric motors the once over. A year's accumulation of dust and lint should be cleaned out, such oiling as recommended should be completed, and attention should be given to brushes and bearings. An air compressor, according to the experts, will help clean out the windings, or a tank-type cleaner or tire pump will serve. Dust and dirt are the big causes for motor trouble, is the opinion, since they clog the winding and air passages.

A notable item in the cooking field is of interest to folks with a barbecue taste. It is an automatic self-turning, self-basting barbecue attachment for your electric kitchen range that slides in or out of the oven like any oven rack. It holds poultry or other meat on an electrically driven revolving spit that is washable. The item has just reached the market.

Along with portable dishwashers and other lightweight items comes news of a 75-pound portable refrigerator that is 24 inches long, 19 inches high and 16 inches wide. While such a pint-size edition might have little general use on a farm, we can see where a part-time tenant house or guest apartment might need something of the sort.

An electric paint remover that is used like a flatiron is now being offered thru various outlets. Containing a heating element, this item causes the paint to blister and soften for scraping.

Similarly, we read of a 6-inch home sander-polisher-drill-buffer-paint remover that opens the door to completing a lot of household chores. It consists of a motor housing with a number of attachments.

This column mentioned last month that a new booklet on farmstead wiring was being rewritten for distribution. The printers promise it will be ready for us immediately.

In the meantime we have purchased 4 other booklets in limited quantities for use of Kansas farmers. Each of these deals with specialized functions of electricity on the farm and is complete with illustrations, tables, charts and complete descriptive material on each subject. Due to the supply situation, we are offering any two of these to readers who will clip the list in the lower left hand corner on this page and mail it to us in a letter or on a penny postal.

The titles describe the specialties treated in each booklet. Little more need be said except that each is thoro and authoritative.

It isn't too early to think about keeping your water pipes in action this winter. Inasmuch as ready-made sets of heating cable are available, the time is right to prepare for the cold snaps. Heating cable, as this column has pointed out before, is a thermostatically-controlled protective device that wraps around exposed pipes and maintains the water temperature above the freezing level.

And in the same vein, stock tank deicers, electrically heated drinking cups, and other cold-weather conveniences are items worthy of September consideration. It isn't too early to get ready.

Kansas Farmer
912 Kansas Avenue
Topeka, Kansas

Send me the following booklets on electricity on the farm:

(check two)

———Farmstead Wiring
———Motors and Controls
———Electric Heating
———Farm Lighting
———Electricity in the Milkhouse

Increase Nitrogen Output

There should be more nitrogen fertilizer available now. Substantially all of the production of anhydrous ammonia and ammonium sulfate of Phillips Chemical Company is now available for commercial sale, it has been announced by K. S. Adams, president of Phillips Petroleum Company and of its chemical subsidiary.

Phillips acquired the Cactus Ordnance Works, near Etter, Tex., thru lease from the army a year ago. Since then the existing anhydrous ammonia unit has been restored to its full capacity of about 230 tons a day. A second unit went into production this summer increasing the total to 400 tons a day, 120,000 tons of nitrogen a year.

Facilities for manufacture of ammonium sulfate are located at Port Adams on the Houston, Tex., ship channel. This plant began producing early this year and has now reached a capacity of more than 250,000 tons a year of crystallized ammonium sulfate.

Back to Grass

Farmers in Finney county have been doing considerable pasture improvement. During the year 13 farms and ranches have seeded 5,120 acres back to grass.

Most of this reseeding has been to sand lovegrass, which is especially adapted to the area, and which has a lush growth for grazing and produces a valuable seed crop. Finney county farmers and ranchers who have reseeded grasses, and the acreages seeded, are as follows:

Harry Brown, 500 acres sand love; C. L. Reeve, 960 acres sand love; John Burnside, 640 acres sand love; L. L. Jones & Son, 480 acres sand love; Ralph Beach & Son, 600 acres sand love; O. C. Hicks, 1,280 acres sand love; Arthur Stone, 15 acres switch grass; Harry Lightner, 100 acres sand love; J. Q. Adams, 400 acres sand love; F. H. Gordanier, 25 acres buffalo and grama; Rumford, Alson & Fry, 60 acres buffalo and grama; W. F. Mercer, 30 acres sand love, and F. C. McGonigal, 30 acres sand love.

2 BUILDINGS IN 1

GRAIN STORAGE today

FARM BUILDING TOMORROW

Here is the practical, low-cost way to store surplus grain. An Armco STEELOX Building will provide ample space and first-rate protection.

Then when the emergency is over you have an equally efficient farm structure for use as implement storage, workshop, utility building and similar needs.

6 STEELOX ADVANTAGES
- Prompt delivery
- Fast, low-cost erection
- Sturdy construction
- Weather-tight
- Fire-resistant
- Vermin proof

Special Drying Floors Available

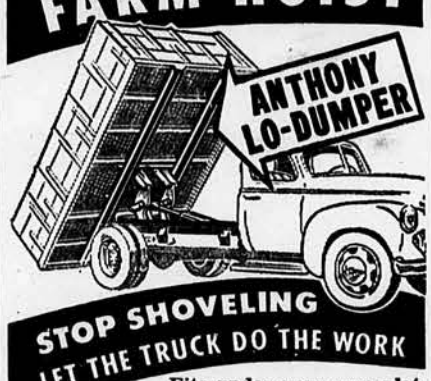
When grain needs drying, a special floor is available for use with portable drier. Wet grain can then be conditioned and stored without moving. Floor can be taken up and stored in small space when building is used for other purposes.

KANSAS DEALERS
NORTH OIL COMPANY, Lawrence — E. W. HENKLE COMPANY, Garden City — ALEFS & SONS, Great Bend
FOY CONSTRUCTION COMPANY, HUTCHINSON
SEE THIS BUILDING ON DISPLAY, KANSAS STATE FAIR

ARMCO DRAINAGE & METAL PRODUCTS, INC.
320 E. 15th St. Topeka, Kansas

Armco STEELOX Buildings

NOW! GET A FARM HOIST



STOP SHOVELING
LET THE TRUCK DO THE WORK

Fits under your own platform, grain or stake body. You can find out all about Anthony Farm hoists from any truck dealer . . . find out how easy and inexpensive it is to make a dump truck out of your own platform, stake or grain body. Anthony "LO-Dumper" Farm Hoists save shoveling grain, coal, lime, gravel, produce. . . . IN USE 12 MONTHS IN THE YEAR. Low loading height. Powerful, long lasting, efficient. Thousands in use. Made by truck hoist specialists.

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ANTHONY HYDRAULIC
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COLDS ? ? ?
ADD DR. MARTIN'S SULFA-DU to drinking water immediately

SULFA-DU produces high blood sulfa level fast . works inside bird to overcome cold-causing bacteria in a "digestive-acid" base . . birds drink it better than plain water . quick results . economical

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1446 Barwise Wichita 2, Kansas

LOOK FOR THE SILVER LABEL

BACKACHE, LEG PAINS MAY BE DANGER SIGN

Of Tired Kidneys

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

Better Hay and Pasture

. . . if you apply Simplot Red Diamond* Superphosphate this fall. Yield and grazing capacity will be increased—protein content and feed value boosted.

Fall application as good or better than spring, tests show. Apply Simplot Red Diamond now—see your local Simplot Dealer!

* Trade Mark Reg. U. S. Pat. Off.

Simplot Fertilizer Company
Pocatello, Idaho

Bigger Yields Better Quality Greater Profit
Simplot Diamond Brand Fertilizers

who ever said

SQUIRRELS ARE NUTTY?

Mighty intelligent animal, the squirrel. He knows the nuts will all be gone by spring, so he gathers them in the fall and *stores* them!

Good farmers realize it will be hard to get Spencer's Ammonium Nitrate Fertilizer next spring, so they take delivery *now* and put it away. Today, fertilizer means so much to profitable farming, a man can't afford to take chances on the uncertain spring supply.

Have *you* ordered *your* Spencer Ammonium Nitrate Fertilizer yet? Will you be ready when planting time rolls around? Will you have Ammonium Nitrate on hand so you can use it yet this fall? There are a number of valuable fall uses, and your county agent will be glad to tell you about them.

Make it a point to see your fertilizer dealer this week. Give him an order for Spencer Ammonium Nitrate Fertilizer —for *immediate delivery!* Then, like the squirrel, you'll be all set for spring.

SPENCER CHEMICAL COMPANY
Executive and Sales Offices
Dwight Bldg., Kansas City 6, Mo.

SPENCER

Works: Pittsburg, Kans., Parsons, Kans., Chicago, Ill.

SILO

See these:
"INTERLOCK WHITE TOP" Silos — HP Forage Blowers—Winch Type. Bargains in: New and Used Ensilage Cutters.

Kansas State Fair, Hutchinson, September 18-24

Convenient Terms Opening for Dealers

INTERLOCKING STAVE SILO COMPANY

720 N. Santa Fe Ave. Wichita, Kan.
125 Railroad Ave. Cherryvale, Kan.

BE SURE TO SEE

The Spencer Farming Exhibit at the SPENCER CHEMICAL COMPANY display—Kansas State Fair.

HEARTBURN?

Acid taste in mouth? That awful gassy feeling? Then—try a switch to POSTUM!

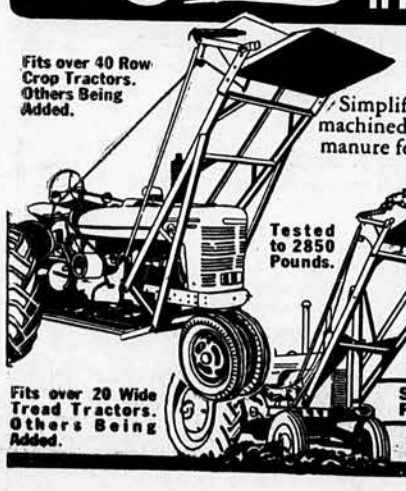
For the latest scientific facts reveal that, in many persons, caffein in both coffee and tea *tends to produce harmful stomach acidity*, as well as *nervousness*, and *sleepless nights!* While many people can drink coffee or tea without ill-effect, *many others can't.*

So if you suffer heartburn, indigestion, sleeplessness, make this test: *give up coffee—give up tea—drink* POSTUM *exclusively for 30 days—judge by results!* Remember, POSTUM contains no caffein or other drug—nothing that can possibly cause indigestion, nervousness, sleeplessness! Ask your grocer today for INSTANT POSTUM — A Vigorous Drink made from Healthful Wheat and Bran.

Reliable Advertisers Only are accepted in Kansas Farmer

BEST DESIGN • BEST PERFORMANCE • BEST PRICE

NEW Jayhawk AMERICA'S BEST HYDRAULIC LOADER Buy!



Leads the Field in Farm Proved Features . . . Costs You Less Than any Comparable Machine.

Simplified, practical design, single oversized precision machined cylinder, big 48-inch combination scoop and manure fork, patented automatic load leveler.

Jayhawk attaches, detaches in 3 minutes, has no framework above tractor, works anywhere a tractor can go. 3-way bulldozer, 20-foot hay crane, sweeprake and snowscoop attachments at low cost.

No other loader has ALL the Jayhawk advantages. No comparable machine is priced so low. Order now for winter work . . . and many years to come.

SEE YOUR JAYHAWK DEALER—WRITE DIRECT FOR FREE LITERATURE, LOW PRICES...TODAY

WYATT MFG. CO., Inc. Dept. L-401 SALINA, KANSAS

This Amazing Fellow, Edmund Denney

By ALLAN YOUNG

THOUSANDS of radio fans in the Midwest have grown to love Edmund Denney, his clear tenor voice, and chuckling sense of humor, which they look forward to hearing daily on WIBW, The Capper Publications station in Topeka. If they could all know him personally, they would be able to realize what a really amazing fellow he is.

Edmund, who has been blind since birth, has been told by many they believe he must have a sixth sense—to which he laughs and assures them, "It's just a matter of paying attention to little things. A blind man doesn't have more acute senses than anyone else, he just uses them."

It's a sure thing that Edmund uses all his senses, for that's how he accomplishes the many things that amaze his friends. For instance, in the summer of 1945, the Denney home in Topeka needed a coat of paint, so Edmund painted it. He had one advantage over most folks, he chuckled, he didn't have to quit painting when the sun went down, he kept right on painting after it got dark. Edmund's wife, Myrtle, helped with the trim; but Edmund took care of the big job himself.

Edmund mows his lawn the same as you or your neighbor. Myrtle dug a little ditch around her flowers so they're separated from the lawn, but Edmund never misses a blade of grass. He likes the flowers, too, especially the large and fragrant ones. However, he would rather do work of a mechanical nature than gardening.

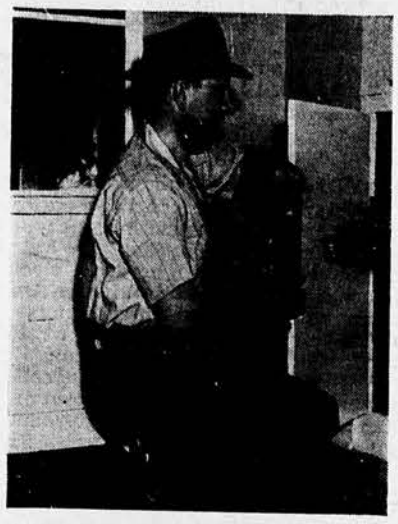
He is a Good Plumber

In fact, Edmund seldom calls a plumber. He buys the necessary repair parts, takes faucets and the like apart, puts in new parts and they work. On one of his jobs, he had to tear off part of the siding on the house to get to the pipes, but this didn't stop Edmund.

A hammer and a saw are right at home in Edmund's hands, for he thoroly enjoys carpenter work and a lot of the cute handy features of the Denney home have been made by Edmund. He uses metal rules with notches cut on the inches, marks boards with a sharp nail, and saws with a miter box for a guide. When he drives a nail, he touches the top of the nail between each stroke with the hammer to be sure it is going into the board straight.

Edmund has a terrific sense of humor and jokes about his inability to see. He likes to show the fellows at WIBW how he cleans his glasses—he rubs his braille reading finger with a handkerchief! And he laughs about getting "dirty looks" from people. You can often hear him give a cheery "so long" by saying, "I'll be seeing you."

The staff still laughs with Edmund about the time he fixed a flat tire for them on the way home after playing for a dance. Edmund found out later that one of the boys held a flashlight for him all the while.



Edmund Denney putting finishing touches on a built-in typewriter cabinet. WIBW's best carpenter.

The experience that amuses Edmund most, however, is the time he had a piano to tune in a little town several miles from his home. Myrtle was driving their car and something went wrong with the motor, so they drove into a little garage. Edmund jumped out to tell the man what was wrong, and what he wanted done. This man made all sorts of motions with his hands and shook his head. Edmund repeated what he wanted and looked right at the man and talked. The man went thru his motions again. Edmund continued to talk to him. Edmund didn't realize he was talking to a deaf mute, and the man didn't realize Edmund was blind. Myrtle finally got out and made motions to the garage man that she understood the mechanic was out to lunch and in a low tone told Edmund the man couldn't hear.

Fingers "Read" the Songs

With the emphasis on time in the radio business, many have wondered how Edmund can keep track of the time. He has a braille wrist watch and he has notches cut every 5 minutes on his pocket watch which is in a hunting case. He has a watch also that chimes the time.

Many of Edmund's listeners also wonder how he learns his songs. When he started in radio he memorized all of them, which was quite a job. He was so humiliated when his memory went back on him in the middle of an important program one day that Myrtle now dictates all his songs to him and he keeps his braille copy with him whenever he's on the air.

Of course, everyone is interested in Edmund's background. He was born in

(Continued on Page 31)

Edmund Denney is happy over the way this cabinet door fits. He made it to house his record player and recorder. The speaker is built in an artificial fireplace.

Fairfield, Nebr., on July 18, 1910, and received his first 8 years of education in an ordinary public school with the assistance of a reader. However, this proved rather difficult, so he entered the School for the Blind at Nebraska City where he began the study of music and learned the piano tuning trade. In 1933 Edmund married Myrtle, who was a schoolteacher, and they started running a restaurant in Fairfield. That's when the depression got into full swing and business wasn't too good, so Edmund was quite happy when he was judged the winner of an amateur contest in Clay Center, Nebr., in August, 1934, and was awarded a month's work at KMMJ at regular staff pay as the prize. He was happier still when the month rolled around and the manager told him he could stay as a regular member of the staff of that station.

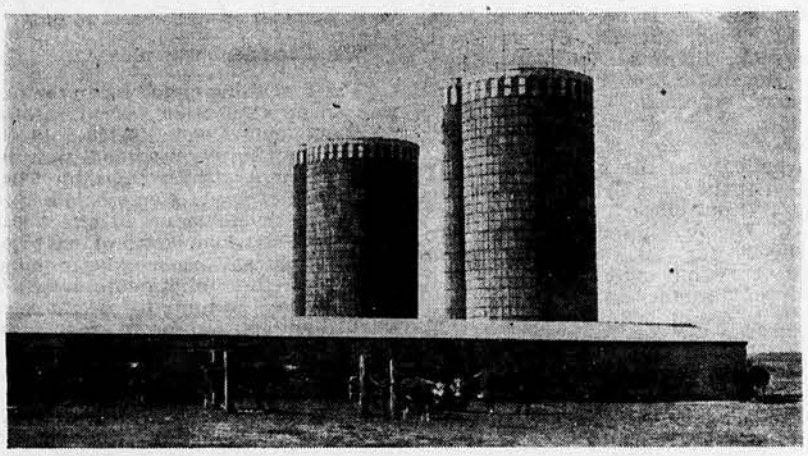
Edmund came to WIBW just about a year after that—October 12, 1935, to be exact. One of the most outstanding events in Edmund's career at WIBW happened in September, 1940, when he was chosen to make a guest appearance on the coast-to-coast "Al Pearce Show" in Hollywood.

Edmund's greatest satisfaction is doing the same things others do. He disregards his handicap and wants others to do so. He likes to swim and read, and is a great baseball fan. Edmund's greatest dislikes are windy days—the many sounds caused by the wind confuse him—and deep snow, for it covers the familiar rough places on the walk and changes the sound of footsteps. He remembers footsteps and voices and can usually guess the ages of the people around him, and he has become a good judge of character and people.

Anyone who has the pleasure of working with Edmund, will tell you he is one of the best-dressed men at WIBW. He is very particular about his color combinations and appearance in general. He knows most of his clothing by the "feel."

Yes, this fellow, Edmund Denney, is amazing. He has a keen sense of humor, he is able to do most of the things other people do, and he has a wonderful philosophy of life. This is the way Edmund feels about his handicap: "If you just stop and check up, I think you will find that everyone has a handicap of some kind—some more noticeable than others—it may be poor health, it may be a case of selfishness or jealousy—or it may be only a bad disposition."

Silos Save Time With Feed Crops



Huge silos like those shown here on the R. E. Frisbie farm, Rawlins county, are a welcome sight in Northwest Kansas. Mr. Frisbie has 3 large silos and tries to keep a one-year reserve feed supply on hand for his purebred Herefords.

YOU may be sure R. E. Frisbie, of Rawlins county, always has been sold on silos but "never so much as last winter," he says. "We had the toughest winter this area ever experienced," he reports, "and feed shocks froze to the ground. Some bundled feed was impossible to get out of the fields, and much was wasted because it fell to pieces when moved. Feeding out of the silos was easy by comparison. Even in normal years I always felt I was spending too much time with my feed crops. Now, with field cutters, it takes only a few days to fill the silos and you have your feed where you want it, good weather or bad."

There are 3 silos on 2 farms operated by Mr. Frisbie. Two of them are 16 by 40 feet and one is 18 by 40 feet. Mr. Frisbie, who carries a herd of purebred Herefords and also feeds out some steers, plans on keeping a full year's supply of feed in reserve. "Keeping such a feed reserve in this area seems very important to me," he said, "because feed production is uncertain. Then, when you get feeding conditions like those of last winter, your silos have added value."

Please Be Careful

A FARMER was harrowing a field. He tried to drive the tractor thru a ditch. The rear wheels sank in the ditch and, as he tried to pull out, the front end of the tractor turned over backward pinning him underneath. He died a short time after neighbors lifted the tractor from his body. It is always unsafe to drive a tractor thru a ditch, or down an embankment, or on the edge of a slope.

• • •

Death from crushing injuries resulted when a farmer, who was standing between a truck and the barn, was pushed back against the barn by the truck. Someone started the truck motor—which had been left in gear.

• • •

A farm boy, in his teens, was using a feed grinder and was caught in the revolving belt. The belt, attached to a tractor and grinder, started to slip. The tractor was stopped to adjust the belt, and while the grinder was still in motion, the boy took hold of the belt. It caught him, wound around him, carried him along and threw him against the barn and tractor. His companions freed him and rushed him to a hospital—but he died that night, without regaining consciousness. The power of moving machinery is often underestimated—and probably, this boy's lack of experience with the equipment he was using, was a factor in the cause of his fatal accident.

• • •

Sometimes, it is not lack of knowledge about the safe use of machinery that causes farm accidents—hurry, fatigue, and carelessness are the important troublemakers. We could not plant, cultivate, and harvest our enormous crops without machinery, but we can use that machinery safely—and stop preventable accidents.—Kansas State Board of Health.

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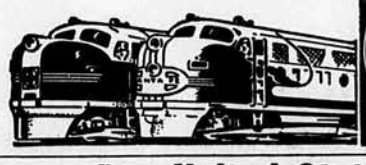

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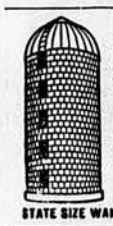

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FEED LAMBS; HERE'S REAL PROFIT NEWS!

You Can Push Lambs FAST; and no "Overeating Disease" Problems

If you have hesitated about feeding lambs because of possible losses from "Overeating Disease," here is good news. This trouble can now be PREVENTED by a new Bacterin developed by the "Corn States" laboratory. Tested in 3 years' research. Used on over 900,000 lambs last season. Overeating Disease losses reduced to little or nothing!

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Plan now to feed lambs this more profitable way. You can self-feed them, lamb-down corn fields, graze wheat and bean fields, without worry from "Overeating Disease" (Enterotoxemia). You save days of feeding time. You utilize waste feed. Hence, more profit. One big sheep company, seeing how this Bacterin protects, wrote: "If lamb feeding can be carried on each year with comparable results of HIGH GAIN and NO DEATH LOSS, it will revolutionize lamb feeding in the Corn Belt."

Very Low in Cost

Lambs over 2 months old can be immunized for the full feeding period. Only one treatment is necessary. Allow 10 days for immunity to develop. One or two lambs saved will pay for vaccinating about 100. Your Veterinarian has full information. Call him. Plan now to add lamb feeding to your profitable operations this fall.

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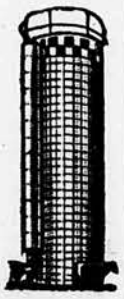
Better built, latest in design. Constructed of heavy, power-tamped steam-cured staves, joints distributed. More all-steel, air-tight, hinged doors save labor. Inside finish troweled on, plus protective coating. Salina Silos have been giving perfect satisfaction for 36 years.



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Clean and Grade your own seed in your spare time—do a thorough job and save money. Keep down weeds and breed up your seed for bigger yields. Reports show Vac-A-Way graded seed increases yields up to 12 bushel per acre. There's a Vac-A-Way for every farm — large or small — electric, hand or gasoline operated, with or without double elevator bagger. Cleans and grades wheat, oats, barley, soybeans, alfalfa, lespedeza, clover, etc.

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J. W. HANCE MFG. CO.
WESTERVILLE, OHIO, U. S. A.

TURN CROPS TO CASH FASTER!

FLEX-O-SEAL

What to Expect In Farm Program

(Continued from Page 5)

prices for city workers, thru Treasury subsidies) as a major Administration objective in the 1950 Congressional elections.

The 1950 Truman campaign twins, judging from the President's Labor Day pronouncement, will be "Repeal Taft-Hartley" and "Enact Brannan Plan." It is figured that if this campaign program succeeds in getting an additional dozen or so Fair Deal congressmen elected in the Mid-Continent farm states, the bulk of President Truman's "Welfare State" program also can be enacted into law.

By proclamation issued August 25, Secretary of Agriculture Brannan declared the following Kansas counties in a "disaster loan" area, due to adverse weather conditions and "that existing credit facilities are unable to meet all the needs of farmers who suffered losses from these natural disasters":—Barber, Barton, Cheyenne, Clark, Clay, Cloud, Comanche, Decatur, Dickinson, Edwards, Ellis, Ellsworth, Finney, Ford, Gove, Graham, Gray, Grant, Greeley, Hamilton, Harper, Harvey, Haskell, Hodgeman, Jewell, Kearny, Kiowa, Kingman, Lincoln, Logan, Lane, McPherson, Marion, Meade, Mitchell, Morton, Ness, Norton, Osborne, Ottawa, Pawnee, Phillips, Pratt, Rawlins, Reno, Republic, Rice, Rooks, Rush, Russell, Saline, Scott, Sedgwick, Seward, Sheridan, Sherman, Smith, Stanton, Stafford, Stevens, Summer, Thomas, Trego, Wallace, Wichita, Washington—66 counties out of 105.

"Applications for assistance may be filed at the local Farmers Home Administration office in the approved areas," the proclamation states. "To be eligible for loans, applicants must certify that they suffered damage as a result of disaster, and that they are unable to obtain adequate credit from commercial or co-operative sources."

Reports that farmers have reduced their indebtedness considerably during the last few years apparently have the Planners worried.

Some time ago this observer called attention to the similarity of the Commodity Credit Corporation's expanding programs in this country today and the program by which Joseph (recorded in Genesis, Chap. 47) acquired possession of the lands, cattle and finally the farmers, of Egypt for Pharaoh (the central government of Egypt) some 3,500 or so years ago.

Frank Chodorov, in September PLAIN TALK magazine, in an article, "Joseph, Secretary of Agriculture," retells the story of Egypt, concluding with this paragraph:

"Tho the succeeding monarchs and the succeeding commissars did well under the plan introduced by Joseph, it seems (according to later historians) that it put upon the proletarians (people)a moral blight, so that when conquerors from other lands came to Egypt they met with little resistance; those who had nothing to lose had nothing to fight for. So that even the monarchs had to beg the invaders for administrative jobs. And lots of dust fell on the civilization of Pharaoh."

Then Mr. Chodorov projects himself a century or so into the future, and writes a purported account of what happened to American agriculture and to America. Quoting:

"Four thousand years later, give or take a century or two, there was a land called America. It was ruled by a President . . . At the time under consideration the Presidency was occupied by a person called Harry Truman, about whom little is known except that he, too, had a dream: farmers should wax wealthy without working, urban toilers should feed well without paying.

"Truth is, the dream was induced by an intense political pre-occupation. Having been thrust into prominence by the Democratic party, a peculiarly fractious set, he was in duty bound to strengthen and perpetuate its clutch on the tax-fund of the nation. Now, as has been noted, rulership in this land was dependent upon votes. They were a strange people, these Americans, in that they loved to flavor their gross practicality with the ambrosia of idealism. However, the fact remains they voted according to their gastronomic contentment or disorder.

"Well, the aforesaid dream perturbed the ruler of the Americans very much. He spoke of it often and loudly, especially when he was pleading for another term of employment. Finally he called upon the Secretary of Agriculture, one yclept Brannan, to decide for him this manna-from-heaven fantasy.

This dignitary, it is recorded, replied:

"It's a cinch, boss. . . . I'll call in a couple of fellows who majored in economics to lend it a coat of erudition. Got to do it right you know."

"Shortly thereafter the Secretary handed the President a screed, which in those days was called a legislative bill, embodying not only the solution of his subconscious conundrum but also a plan for putting its purport into execution. The dream signified, said the Secretary, that the farmers must be won to the sacred Democratic Party by assuring them of high prices for their products, and the proletarians of the cities by providing them with cheap edibles.

" 'It can be done,' asserted the Secretary. 'All we need is a plan. I have it all here, in the form of a bill, and if you can get that do-nothing Congress to put ok on it, you can leave the rest to me.'

"The President was pleased.

"The first thing called for in the plan was an appropriation for an enforcement agency, which in itself would provide an easy living for a goodly number of loyal Democrats. That was fine. Then, a schedule of production would be presented to the farmers; in effect they would be told when, how and what they would produce. Farmers who produced more than their allotments would be fined; those who complied would be rewarded with subsidies.

"This control over production would enable the bureaucrats to fix the prices, regardless of costs and demand. The city dwellers, particularly in the months preceding election time, would obtain their strawberries and cream at practically nothing, for which they would be grateful to their benefactors, while subsidies to the farmers who did not produce would bind them to the party.

"Of course, there will have to be taxes, explained the Secretary, for how else can the scheme operate?

"But, as you know, boss, the voters never associate gratuities with taxation. The farmers and the artisans, if they mention the matter at all, will be told that the RICH pay all the taxes, and that will satisfy them. The checks we send to the farmers will more than offset the distemper caused by levies on their incomes, and the housewife's glee at the low price of cabbage will overcome the chagrin at the payroll deductions.'

"At first the Brannan Plan met with little favor among the farmers, who, altho they had to rub along with an average of less than two automobiles to the family, were rather satisfied with 'parity' handouts and were suspicious of any change in the status. A few years later, however, the depression came upon the country, and in quick order there was a mad demand for controlled production and for prices fixed by political exigency. The Truman dream, like that of Pharaoh, came into its own by way of a plan.

"It goes without saying that the eventual outcome of the Brannan Plan was not unlike that of Joseph's. Once the overseers of the Department of Agriculture got control of the farmers and the land of America, there was no way of returning to the regime of private ownership. There was no inclination to return, for the farmers were quite satisfied to swap the hazards of their trade for the subsistence doled out to them by the bureaucrats.

"The city dwellers, likewise, managed to live and have children under the regime of the fixed income and the regulated prices. Nobody yearned for more (except a few recalcitrants who were soon made to see the error of their ways), nobody cared for change.

"In fact, with aspirations limited, nobody cared about anything.

"And the American civilization went the way of the Egyptian."

Kansas State Fair

(Continued from Page 4)

be awarded by Kansas Farmer to the state judging winners.

Tuesday evening, September 20, is set aside for the annual Herdsmans' Dinner, which will be held at 6 o'clock in the Wiley Tea Room. This is one of the popular events of the year for livestock breeders in the state and a big crowd is expected.

Thursday will be Governor's Day at the fair, and Governor Frank Carlson will be on hand all day for a tour of exhibits and a special ceremony in front of the grandstand during the afternoon events.

The sheep-shearing contest to pick senior and junior state champions will be a one-day event this year. It is scheduled for Thursday and will start at 9 o'clock in the morning, with the finals to be held at 3 o'clock in the afternoon.

New Class for Sheep

One new class is being added to the livestock show this year, Mr. Miller reports. The new class will be for Dorset sheep. Indications are that thruout the livestock section there will be more Kansas exhibitors this year and fewer from other states.

Seventy-two bands entertained State Fair visitors last year and 80 bands already have accepted invitations for this year.

One of the really important sights at the fair this year will be 40 acres of farm machinery displays. According to Mr. Miller every major farm machinery company will be represented on the grounds in the largest machinery display ever held at the State Fair. Last year's 35 acres of farm machinery set a new record, but that record already is surpassed by advance space demands for this year.

"Many new farm machines and machinery ideas developed during and after the war are ready for first showing at the fair this year," Mr. Miller says. "The machinery show at the State Fair may be the largest machinery show in the United States this year."

Indications are that the home appliance display also will reach a new peak in variety and quantity.

Larger Show This Time

There was a pretty good Vocational Agriculture machinery display last year, but this event will be greatly expanded this year. The Vocational Agriculture machinery display consists of machines built or remodeled entirely by these high-school mechanics.

Sixteen counties have entered the county collective booth competition and 4 have entered the county project booth contest. There will possibly be 6 home demonstration booths entered this year.

There will be a dog show this year after a lapse of nearly 10 years.

Plenty of entertainment will be provided, both on the Midway and in front of the big grandstand. L. M. Schrader, of Kinsley, who is contracting for all the rides that will be on hand at the State Fair, says he will have the largest selection of rides ever offered at Hutchinson. "We are giving special attention this year to the smaller children," he says, "and will have an entire group of rides especially for them."

Sideshows at the State Fair will be of top quality as the fair association has contracted for the same shows that will appear in Dallas the week after the Kansas State Fair. "Dallas has the biggest fair attendance in the United States, and has the reputation for getting the top talent in the show business," says Mr. Miller.

Some idea of the size and scope of the Kansas State Fair can be had by looking back over last year's events. Records at the Kansas State Fair office show that last year more than 350,000 persons attended during the week and that 100,000 cars were parked on the grounds. There were 850 4-H Club delegates from 105 counties enrolled at the state 4-H encampment, and about 3,000 other 4-H Club members visited the fair during the week.

Four thousand 4-H Club members entered exhibits or took part in the competitions and about 1,000 FFA boys took part in the FFA competitive events. Many of these FFA boys lived in tent city on the grounds.

More than 350 4-H Club teams (boys and girls) took part in judging and demonstrations with more than 1,000 boys and girls serving on those 350 teams.

These are just a few of the interesting statistics about the State Fair last year.

With everything pointing to an even bigger and better fair this year, you can't afford to miss it.

Fire Safety

Have you a safe storage place for gasoline and kerosene? They are often among the fire hazards on the farm. However, if fuel and oil are handled properly and stored safely, there is little danger. The USDA bulletin. No. 1678. "Safe Use and Storage of Gasoline and Kerosene on the Farm," offers good suggestions. This is one of the many checks that should be made around the farm when we are thinking of Fire Prevention Week, October 9-15. For a copy of the bulletin, please address Farm Service Editor, Kansas Farmer, Topeka. Price 5c.

Kansas State Fair Highlights

Sunday, September 18—Opening Day

8:00 a. m.—Exhibit buildings open.
2:00 p. m.—Championship auto races.
8:00 p. m.—State Fair Revue of 1949.

Monday, September 10—School Day—Press Day

8:00 a. m.—Exhibit buildings open.
1:30 p. m.—All-American Thrill Drivers, plus the Waltz Brothers Aviation Acrobatic Acts.
8:00 p. m.—State Fair Revue of 1949.

Tuesday, September 20—Livestock Exhibitors—Flying Farmers Day

8:00 a. m.—Judging in livestock departments.
1:30 p. m.—Champion auto races.
8:00 p. m.—State Fair Revue of 1949.

Wednesday, September 21—Master Farmers, Homemakers Day

8.00 a. m.—Livestock judging continued.
1:30 p. m.—All-American Thrill Drivers, plus low altitude parachute jump.
8:00 p. m.—State Fair Revue of 1949.

Thursday, September 22—Governor's Day

8:00 a. m.—Exhibit buildings open.
10:00 a. m.—Livestock Hall of Champions open.
1:30 p. m.—Champion auto races.
8:00 p. m.—State Fair Revue of 1949.

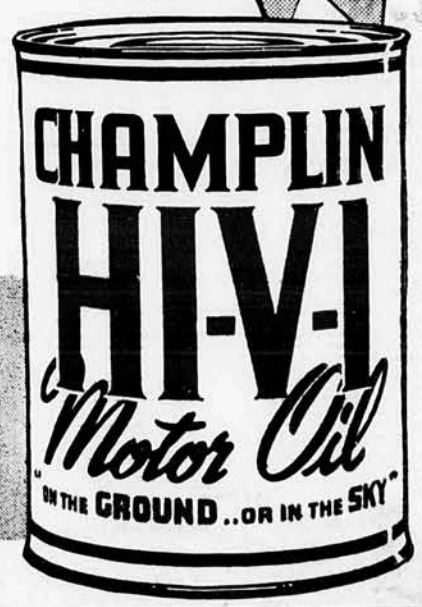
Friday, September 23—All-Kansas Day

8:00 a. m.—All exhibits open.
1:30 p. m.—Final championship auto races, plus the Waltz Brothers Aviation Acrobatic Acts.
8:00 p. m.—State Fair Revue of 1949.

ONE STANDS OUT

M. W. Larry Domino 46th, son of Larry Domino 50th, herd sire of "Good as Gold" Hereford Ranch, owned by Dale Johnston, Enid, Okla.

Superior quality is the common denominator of all standouts! It makes M. W. Larry Domino a champion herd bull . . . puts HI-V-I out in front in motor oil performance! HI-V-I fights heat pressure with *instant* and *consistent* protection for fast-moving parts. It fights friction by reducing tar and varnish deposits . . . cleans as it lubricates! Valuable farm machinery deserves the best lubrication you can buy . . . Champlin HI-V-I! Free-turning on every hot weather start, it performs better, lasts longer! Change to HI-V-I.



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Add Years To Your Silo With
SILO SEAL
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The acid in silage, over a period of years, causes the lining of silos regardless of construction material, to disintegrate. Immature feeds and excessive moisture silage, being extremely high in acidity, are especially injurious to silo linings.

Silo Seal has been successfully used for nineteen years by Kansas Farmers and Dairymen and can be applied as silage is fed out, thus eliminating scaffolding. Write today for literature. Immediate delivery.

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Howard Oplinger, Angus Breeder of Jewell, Kansas, Says . . .

"Cheap crops make more palatable feed than the best hay. My silage fed cattle are fatter and get more growth on less feed. My Red & White Top Silo makes money for me." The Dodson plans for silos and farm buildings will make money for you too. Write for details.

DODSON MFG. CO., Inc.
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Thompson—Bloodtested White, Barred Rocks, Reds, Wyandottes, Hampshires, $8.95; pullets, $13.95; cockerels, $9.95; Minorcas, White, Brown Leghorns, Austra-Whites, $8.95; pullets, $14.95; assorted heavies, $7.95; mixed assorted, $6.95; leftovers, $5.95; barnyard special, $4.95. 100% alive. F.O.B. Thompson Chicks, Springfield, Mo.

Baby Chicks—10 breeds, surplus pullets, $12.95; Assorted heavies, $6.85; Mixed assorted, $6.45; Left-overs, $4.95; Barnyard special, $3.95; Odds-ends, $2.95. 100% alive. F.O.B. Send money order. Clinton Chick Store, Clinton, Mo.

When you order DeForest "Blueblood" Chicks, you order the finest that money can buy. Send for free literature today. DeForest Hatcheries, Box A, Peabody, Kan.

● FILMS AND PRINTS

Photo Xmas Cards

Get your **Photo Christmas Cards** now. **18 cards** and **envelopes $1.00,** from your negative. Add 25c if you send a picture. Send for price list on regular work.
SUMMERS STUDIO, UNIONVILLE, MO.

Unbeatable for Quality and Price. You will be surprised and pleased with the beautiful results from our celebrated Jumbo Oversize finishing. New low prices, same as contact. 8-exposure roll superfine finish only 30c. 12-exposure, 45c. 16-exposure, 55c. 36-exposure, $1.25. Oversize reprints, 4c each. Send us your order, you will be delighted. Free mailers. Mailbag Film Service, Box 5440A, Chicago 80, Ill.

16 Enlarged, Jumbo, oversize deckled prints from any 6-8-12-16-20 or 36 exposure roll film developed only 35c and this ad. Electronically exposed. Enlargement coupon free. Skrudland, 6444-H Diversey, Chicago.

18 Christmas Cards and envelopes $1.00. 60—$3.00. Send negative. Your 8-exp. roll with 3 prints each good negative 45c. 2 each good negative 35c. One each good negative 25c. Reprints 3c. L. V. Eastman, Bode, Iowa.

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We are in the market for **Brome Grass—Alfalfa—Clover** and most all kinds and varieties of **Farm Seeds.**

Please write and send samples of any that you have to offer, stating varieties as well as amounts for sale.

MID-CONTINENT SEEDS, Inc.
Phone 6384 Salina, Kansas Box 176

● SEEDS

Alfalfa Seed, Sweet Clover, Brome Grass. Send for sample and price list. Hayes Seed House, Topeka, Kan.

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CLOVER—New Crop
60-lb. can, $12.00 FOB, or $13.35 delivered by rail to 500 miles.
Hahn Apiaries
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1949 Finest Quality, extracted clover honey. 60 lbs. $7.50; 30 lbs. $4.50. Clifford Overbaugh, Frankfort, Kan.

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Send Raw Wool direct to factory for fine blankets, robes, saddle blankets. Free booklet. West Texas Woolen Mills, 410 Main, Eldorado, Texas.

● LIVESTOCK ITEMS

Make More Profit under average farm conditions. Raise Milking Shorthorns. For average farmer Milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Free facts. Or subscribe to Milking Shorthorn Journal. Six months, $1.00; one year, $2.00; three years, $5.00. American Milking Shorthorn Society, 4122 So. Union Ave., Dept. KF-5, Chicago 9, Ill.

Tamp-R-Pruf Ear Seals, Positive Livestock Identification. Self-piercing, humane, permanent. Stamped with name and number. Rustproof—Inexpensive. Over 50,000 users. Free Samples, Catalog. Write Security Seal Co., Dept. KF-9, 144 W. 27th St., New York 1, N. Y.

● DOGS

Black English Shepherds. Breeder 25 years. Shipped on approval. 10c for pictures and description. Guaranteed Heelers. H. W. Chestnut, Chanute, Kan.

Cocker Spaniel, also natural heeler English Shepherd puppies. E. Barnes, Collyer, Kan.

Shepherds, Collies, Heelers. Watch Dogs. Zimmerman Farms, Flanagan, Illinois.

● MACHINERY AND PARTS

Posthole Digger: The Modern "Rapidigger" for Ford, Ferguson tractors. No gears, driveshaft. Revolutionary invention. Write for information. Rapidigger, 2218 Dudley, Lincoln, Nebr.

For Sale: 1942 John Deere 6-foot power take-off 12A combine on rubber. Excellent for soybeans or combine sorghums. R. W. Brush, 325 East Loomis St., McPherson, Kansas.

New and Used Tractor Parts. Write for big, free 1949 catalog; tremendous savings. Satisfaction guaranteed. Central Tractor Co., Des Moines 3, Iowa.

● ELECTRICAL EQUIPMENT

For Sale—Delco lighting plant (32 volt) engine, batteries, radio, vacuum cleaner, two ¼ horse power motors. All in good condition. L. H. Wilkes, Cherryvale, Kan.

● AUTOMOTIVE

Motors, ½ Horse, 1,725 speed, repulsion induction. $15. ¾ Horse, $22. 1 Horse, $30. Butler, 1885 Milwaukee, Chicago 47.

● HOME EQUIPMENT

Order Stove Parts Direct and save money. Complete stock repair parts for stoves, ranges, space heaters, tank heaters, furnaces back to 1886. Guaranteed to fit. Give manufacturer's name, complete description and part number if possible. Low price quoted immediately. Blue Belle Co., Dept. C, 1307 Howard St., Omaha, Nebr.

● KANSAS CERTIFIED SEED

Certified Pawnee Seed Wheat grown in the famous Kaw Valley. Chester C. Spray, Rt. 1, Lawrence, Kan.

● EDUCATIONAL

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

Make Up to $35—$45 Week as a Trained Practical Nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-9, Chicago.

● BUSINESS OPPORTUNITIES

Wanted: Honest, efficient tenant for 160-acre Sarcoxie township farm 5½ miles from Lawrence. Write Tom Baker, 912 Maine, Lawrence, Kan.

● LOANS, SAVINGS, ETC.

Let the Mailman help you save. Our advertisement in this issue tells how you can save by mail and earn 3% at the current rate. We'll be glad to send you full particulars. Max Noble, president, United Building & Loan Association, 217 East Williams, Wichita, Kan.

● REMEDIES—TREATMENTS

Latest Methods treating Piles, Fistula, Colon-Stomach disorders. Write for free book. McCleary Clinic and Hospital, E940 Excelsior Springs, Mo.

● FARMS—KANSAS

Fine Dairy Farm—240 Acres, 2 miles High School. Modern 7-room house, dairy barn, electricity. Godsey, Emporia, Kansas.

● FARMS—MISCELLANEOUS

Big Free Fall Catalog! Farm and country real estate bargains, good pictures, many states, easy terms, many equipped, crops included. For special service, state requirements, desired location. United Farm Agency, 428-KF BMA Bldg., Kansas City 8, Mo.

1185 Acres Adams County, Colorado. Well improved stock farm. 900 acres tillable. Good wheat soil. Will divide. Price $23,900. Terms. Louis Miller, Frankfort, Ind.

Farms—Homes: Catalog 2790 Bargains; mailed Free. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

● MISCELLANEOUS

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

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

Fish Bait—Over 20 recipes and suggestions only 10c and stamp. Many favorable reports received. K. F. Fisherman, 1715 Lane, Topeka, Kan.

Destroy Roaches Sanitary Way. Never fails. Lure and instructions. Guaranteed. One Dollar. Pat Lewis, Howard, Kan.

On his farm 15 miles south of Abilene, **JOHN J. HARTMAN** has been breeding and improving big black Poland Chinas since 1901. With the assistance of his son, Conrad, he has developed one of the great herds in the entire country. By relying on a system of some line breeding, scientific feeding and almost an uncanny judgment in the matter of selecting herd boars, the Hartmans have, I believe, developed one of the greatest line of brood sows to be found in any herd in Kansas or probably in any adjoining state. They are large and smooth with almost everything that goes to make up a desirable brood sow. Well grown when young on such feeds as are best suited for the developing of breeding animals.

One of the sows, Miss Chief, weighed more than 900 lbs. at maturity. Many of the breeding animals in the herd are her decendants. Heading this grand array of sows is Wonder Boy, bred by C. R. Rowe & Son. Good judges think he is an easy grand champion in any nearby state fair where he might be shown. The Hartmans have more than 100 spring pigs on the farm and 30 sows bred for fall farrow. If you want to see a one-man hog show visit the Hartman farm.

IN THE FIELD

Jesse R. Johnson
Topeka, Kansas
Livestock Editor

and MIKE WILSON, Livestock Fieldman, Muscotah, Kansas.

The large number of purebred and high-grade Shorthorn cattle herds scattered over Western Kansas are monuments to the far-sighted zeal and courage of the pioneer breeders of another generation. Good, thick Shorthorn bulls are in general demand now and farmers can travel over hundreds of miles of paved and gravel roads to inspect breeders' herds and make individual selections, easier than they could have gone a few miles 50 years ago.

By education and experience, prospective buyers have learned how to pick good bulls, both from the standpoint of individual excellence and bloodlines.

But when William Wales established his Shorthorn herd at Osborne, Kan., in 1897, the undertaking called for a quality of faith and vision that has made for progress thruout history. Mr. Wales laid the foundation for his registered herd by purchasing a bull and 2 females of Bates breeding from the prominent breeder, W. T. Clay, of Plattsburg, Mo. The bull, Duke of Wildwood-134672, was recorded in volume 44 of the record.

It is probable this was the first or at least one of the first Shorthorn herds to be established as far west as Osborne in Kansas. From this foundation, and by use of good Scotch bulls later, Western and Central Kansas was served with breeding stock up until the spring of 1949. Mr. Wales passed on several years ago but the herd was continued by his son-in-law, Spencer Young, and Mrs. Young who had assisted her father so capably over the years, taking care of pedigrees and other records.

Mr. Wales held his first public sale on November 23, 1904, selling 33 head of deep-red, high-quality young cattle. The bull average was $134 and the females averaged $123. During the life of the herd more than a dozen herd bulls were brought to the farm, 9 of them came from the Tomson farms. Eighteen-year-old Herman Johnson fitted the cattle for the 1904 sale, and also the cattle sold from the farm in 1949. Herman continues active and is still in demand where good cattle are to be conditioned for sale or the show ring.

VERN V. ALBRECHT, well-known Duroc breeder of Smith Center, writes that the Duroc boar they purchased at the Congress sale at Lincoln, Nebr., is doing fine. This new addition to the herd boar battery at the Albrecht farm is from the Newlin herd of Indiana, and is a half brother to "Fenmar's Admiral."

The grand champion boar sold in the **MID-WEST UNITED STATES O I C SWINE SHOW** was purchased by Vernon Zimmerman, of Inman, for $150. The sale was held at Oklahoma City, August 16, with exhibitors from Kansas, Oklahoma, Nebraska, Arkansas and Texas. The grand champion boar was shown and consigned by Perry Gilkerson, of Oklahoma City.

The **KANSAS DUROC BREEDERS** have had their troubles in getting a definite date and place established for their fall sale. A letter just received from Fred Germann, secretary of the state association, Manhattan, advises us the place is Horton and the date is Saturday, October 8. Fred says this is final and there will be no further changes as to date and place.

GEORGE D. CARPENTER & SONS, of Clay Center, have one of the largest and strongest registered herds in the Middle West. The herd numbers almost 100 head, including a dozen sows bred for fall farrow. The herd has been established 9 years and breeding stock has been purchased from many of the best known breeders of the country. Plans are being made to show at the Kansas Free Fair and the big Tulsa show. The Carpenter herd carried off a big lot of first and champion prizes in 1948. Mr. Carpenter, Jr., says this would have been a tough year for him but for the Berkshires. His wheat crop was disappointing. Pigs and bred gilts are going out right along to many parts of Kansas and other states.

A good crowd of buyers and spectators from over a wide territory in Western and Central Kansas attended the **W. S. MISCHLER & SON** Milking Shorthorn sale, held on the farm near Bloomington in Osborne county, August 30. The season of year was unfavorable and the cattle sold in very ordinary condition. Practically all of the cows selling were a long way from freshening and as a result sold considerably below what they would have brought under more favorable conditions. However, the demand was good and was something of measure as to the heavy demand for representatives of the breed.

The females, including calves, brought an average price of $201.77, and the bulls, all of them young, averaged $192. Top bull went to Loren Harrington, Concordia, at $235. Top-selling female was bought by Keith Oelkers, of Russell, for $340. Gus Heidebrecht did the selling and Joe Hunter explained the pedigrees.

NOTICE!
We'll See You At The State Fair Hutchinson, Kans. Sept. 18-23
Kosch Mfg. Co. Columbus, Nebr.

Dual-Purpose CATTLE

Polled & Horned Milking Shorthorn Dispersal
(AT PRIVATE SALE)

29 HEAD best of Glenside and Bates breeding to sell as a unit.
6 Calves (2 of which are bulls)
1 Yearling Bull
22 Females—yearlings up to mature cows.
A good useful producing herd of dual-purpose cattle selling in ordinary condition.
The farm is located 11 miles north of Colby on highway 25, then 6 miles east and 2 miles south.
HAROLD E. PORTENIER
Box 543 Colby, Kansas

Offering Reg. Milking Shorthorns
Bulls calves to serviceable age. Out of richly bred, high-producing dams and sired by bulls that carry the best blood of the breed. Also females.
PETERSON & O'DONNELL, Junction City, Kan.
Farm 7 miles east on Humboldt Creek Road.

OFFERING RED POLLED BULLS
and a few open heifers.
WILLIAM HEBBARD, Milan, Kan.

Dairy CATTLE

FREE "BREEDING GUERNSEY CATTLE"
SEND for valuable booklet on profitable Guernsey breeding. There's always a ready market for quality Guernsey offspring and an ever-increasing demand for premium-priced GOLDEN GUERNSEY MILK.
THE AMERICAN GUERNSEY CATTLE CLUB
975 Grove St., Peterborough, N. H.

Reg. Guernsey Bull
For Sale. Coming 2 years old, sired by Ransom Rosetta's Roadmaster 378140.
PAUL STEINER, Rt. 1, Wakefield, Kan.

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

Wofford Farm Offers Guernseys
Reg. Guernsey bulls about ready for service. Official record of dams up to 7,860 milk, 400 fat in 205 days. Sired by Bohle's Africander.
J. W. WOFFORD
7 miles north of Junction City, Kan., on Hgwy. 77

REGISTERED JERSEY BULL CALVES FOR SALE OR LEASE

Out of "very good" dams with butterfat records from 400 to 500 pounds. Calves sired by Orange Blossom and Balileus.
DAVID M. SCHURLE
Rt. 1 Manhattan, Kan.

FIRST—GET PRICES ON CHOICE JERSEY BULL CALVES From KNOEPPEL JERSEY FARM
Colony, Kansas

SMOKY VALLEY HOLSTEINS
For Sale—Serviceable-age bulls from a Proven Bull and Cows with high records.
W. G. BIRCHER & SONS, Ellsworth, Kansas

BULL CALVES FOR SALE
We bred and developed the first and only Holstein cow in Kansas to produce 1,000 pounds of fat in 365 consecutive days. Young bulls with high-production dams or granddams.
H. A. DRESSLER, LEBO, KAN.

SHEEP

CHAPPELL SHROPSHIRES
We offer the best lot of yearling rams and ewes we have ever offered for sale. Correspondence and inspection invited.
CHAPPELL'S FARM, Green Castle, Missouri

FOR SALE
Registered Yearling Shropshire Rams.
The Big Husky Kind.
D. V. SPOHN, Superior, Nebraska

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Register with your local P.M.A. and see how, in many cases, they can pay nearly half your bill for superphosphates used in approved practices.

THURSTON

Damage to Early Wheat

Early planted wheat was more subject to mosaic, a disease which reduced production in Western Kansas this year, than that planted September 15 to 25.

Surveys made by Kansas State College plant pathologists during May and June indicated that the earliest emerging fields, particularly those planted in August, were almost without exception damaged to the greatest extent by the disease. The disease was found equally damaging to wheat planted on fallow, sod ground, and continuous wheat ground.

Research on mosaic is under way at the Kansas Agricultural Experiment Station, but it may be several years before a suitable control can be found. In the meantime, following the seeding dates from September 15 to 25 would seem to be advisable.

Better Hen

A definitely superior strain of White Plymouth Rocks has been developed at Kansas State College during the last 10 years.

A progress report shows characteristics that have been fixed in the new strain are rapid feathering, lower mortality rate, early maturity, higher egg production and higher hatchability of eggs.

Mortality in chicks up to 3 weeks old has been reduced from about 15 per cent to 3.6 per cent. Age of pullets at time of coming into production has been reduced from 218 to 195 days, and there has been an increase of four-tenths of a pound in the live weight of pullets at maturity. Increased egg production averages 36 eggs a hen.

Study Beef Cooking

Kansas grass-fed beef is the subject of beef cookery research at Kansas State College, according to Dr. Gladys E. Vail, head of the department of food economics and nutrition.

Kansas State is one of 4 colleges cooperating with the Bureau of Human Nutrition and Home Economics, U. S. Department of Agriculture, in a study of best cooking methods with lower-grade cuts.

Problems of cooking grass-fed beef as compared with meat from animals fattened in the feed lot will be studied. Various methods will be tried for tenderizing the meat after it reaches the kitchen.

Dairy Congress Coming

The National Dairy Cattle Congress will be held October 3 thru 9 at Waterloo, Ia. Highlighting activities will be the official national Brown Swiss, Guernsey and Holstein shows. In addition, the regional Ayrshire show, plus Jersey and Milking Shorthorn shows of national participation, will round out the show.

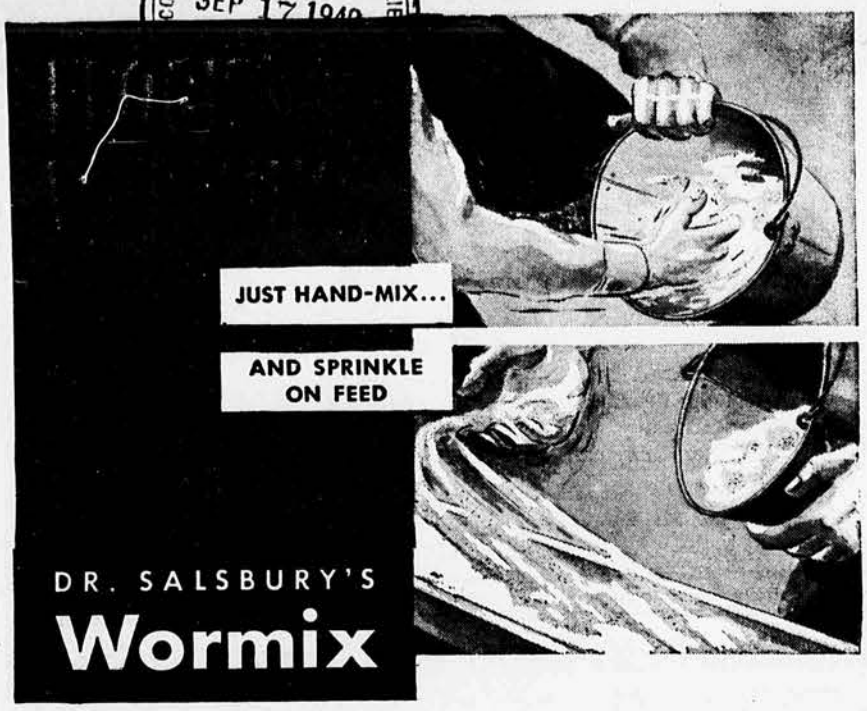
Judges will award more than $35,000 in premiums plus numerous trophies, which are emblematic of national championships.

Medicine for Plants

Internal medication of plants to control plant diseases may be some time away, "but already there are some operations based on such medication which are ready, it is reported, for commercial practice."

It may some day be possible to treat sick plants by soil applications of proper chemical compounds which, in turn, will be taken into the plants thru the root systems.

"What do you mean, I don't give you the benefit of a doubt? I ALWAYS doubt you, don't I?"



Removes Large Roundworms and Cecal Worms For Greater Egg Production

These worms can keep your birds from doing their best . . . keep you from getting top egg production from your flock. You help prevent this possible loss by worming with easy-to-use Dr. Salsbury's WORMIX.

WORMIX is low-cost . . . less than a cent a bird for the average flock. And, it's easy to use . . . you just "hand-mix" in a bucket and sprinkle evenly over feed in troughs. Only 16 quarts of this mixed concentrate treats 500 chickens or turkeys. Palatable. Easy on the birds. WORMIX gives you "test-proved" effectiveness with no loss in egg production or rate of growth.

For greater egg production, worm your birds with easy-to-use Dr. Salsbury's WORMIX, now. See your local hatchery, drug or feed store.

Use DR. SALSBURY'S Rota-Caps for Individual Worming

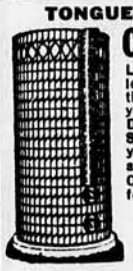
Removes large roundworms and intestinal capillaria worms without "knocking" egg production.

When you need poultry medicines, ask for

DR. SALSBURY'S LABORATORIES
Charles City, Iowa

Dr. SALSBURY'S

TONGUE-LOCK DIAMOND TOP



Concrete Stave Silos

Longest possible service with the least possible worry and trouble are the big features you will enjoy in your McPHERSON TONGUE-LOCK DIAMOND TOP CONCRETE STAVE SILO. You also have our 37 years of experience to assure you of a better silo.

Contract now for a McPherson silo for future delivery.

See Us at the KANSAS STATE FAIR September 18 to 24

McPHERSON CONCRETE PRODUCTS CO.
904-1126 W. Euclid St.
McPHERSON, KANSAS

QUIET, EASY RUNNING, SELF REGULATING

CURRIE WINDMILL

AS LOW AS $37.00

Better mill—lower cost, in famous Currie, dependable for 60 years, Guaranteed for 5 Years! Self oiling or open geared, direct center lift, automatic speed control, internal brake. More efficient vane and sail design; responds to slightest breeze. DIRECT FACTORY PRICES SAVE UP TO 30%. PROMPT SHIPMENT. FREE LITERATURE. WRITE TODAY.

CURRIE WINDMILL, DEPT. C-62 SALINA, KANS.

DIRECT TO YOU

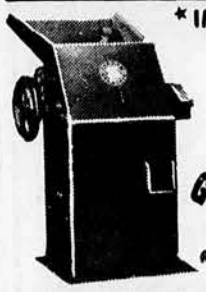
WRITE FOR INFORMATION

On The New Baldwin "CENTER-DRIVE" Grain Loader

BALDWIN IRON WORKS
1440 BARWISE • WICHITA 2, KANSAS

Reliable Advertisers Only Are Accepted in Kansas Farmer

FEED *Fresh* ROLLED GRAIN



* IMPROVE DIGESTIBILITY
* ELIMINATE WASTE
* CUT FEED COST

Farnam "FARM-SIZE" GRAIN ROLLER

ROLLS · CRACKS · CRUSHES ALL SMALL GRAINS

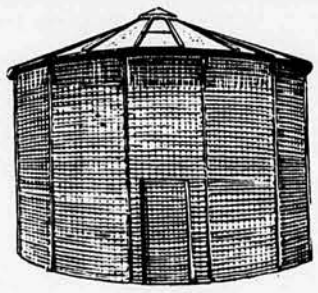
AVOIDS DUSTING!

Cut your feed bill up to 50%! Improve feeding results! Every bushel of rolled feed produces more growth, more meat, more milk. Animals prefer coarser, dust-free, easily digested rolled grains, and eat it more readily. Rolling eliminates waste and digestive disorders due to dusting . . . requires less power, less labor, less time. With a low cost Farnam "Farm Size" Grain Roller you can roll grain as you need it and feed it fresh rolled, full of nutritive value.

10-DAY *Free Trial Offer!*

Try the Farnam "Farm Size" Grain Roller at our risk! Write for descriptive literature and details of our 10 DAY "Free Trial" offer.

FARNAM Equipment Co.
Dept. 621 Phoenix, Ariz., or Omaha, Nebr.



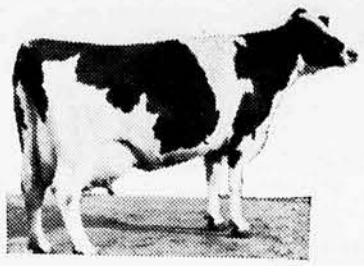
The Kosch Korn Krib

- LOW COST
- ¼" STEEL ROD MESH
- ALL STEEL ROOF
- COMPLETELY GALVANIZED
- 16 ft. x 12 ft. TALL
- PERMANENT CONSTRUCTION

Write Kosch Mfg. Co.
Columbus, Nebr.

1060 Bu.

F. O. B. Columbus $249.12 COMPLETE



GRADE HOLSTEIN SALE

Dispersion of Three Herds

John Bell, Abilene, Kan.
Leonard Kuhlman, Bennington, Kan.
Art Quinn, Bennington, Kan.

October 18, Abilene, Kan.

11 o'clock (Reynolds Sale Barn)

135 Head Grade Holsteins

50 Cows and Bred Heifers—All fall freshening.
65 Open Long Yearling Heifers, ready to breed.
20 Heifer Calves.

Nearly everything calfhood vaccinated. Tb. and Bang's tested.

E. A. DAWDY, Sale Mgr., Salina, Kan.

Auctioneer: Mike Wilson

Attend Koch's Chester White Boar and Gilt Sale

A Night Sale at the Sales Pavilion at intersection of highway 77 and 36 at the northwest edge of

Marysville, Kan., on Tuesday Night
October 11, 7:30 P. M.

25 SPRING BOARS AND 20 SPRING GILTS

A Very Desirable Sales Offering: These boars and gilts will weigh from 225 to 300 pounds and are mostly sired by **Champ Junior Successor** the Reserve Junior Champion of Iowa 1948. Two litters by **Arkay's Topper by Exploiter.** One litter by **Super Climax** 1948 Iowa Grand Champion. **The type you will like.** We have the medium type registered Chester White with lots of quality. **Farmers Note**—We have the fast growing, easy feeding kind that you will like. In past sales many have sold at very reasonable prices. We will sell boars and gilts at prices you can afford to pay. Come see them sell. All Cholera immune.

For sale catalog write ROY KOCH, Bremen, Kan., Rt. 2

Auctioneer—Bert Powell
Mike Wilson with Kansas Farmer

Kansas Jersey Breeders 7th Consignment Sale

Thursday, Oct. 20 in the College Livestock Pavilion
Manhattan, Kan., Beginning at 12:30 P. M.
Sale headquarters at the Wareham Hotel

50 select females. 2 or 3 select bull calves. 10 heifer calves. Also, several calves for 4-H and FFA members only. For mail bids write or wire Ray Smith, Hutchinson; Professor F. W. Atkinson, Manhattan, Kan.; or, W. W. Keegan, Columbia, Mo. Ray Smith will handle catalogs.

KANSAS JERSEY BREEDERS ASSOCIATION

Duroc Boar and Gilt Combination Sale

Saturday, October 1
(Starting at 1 P. M.)

Sale at the Firman Carswell Farm on highway 69, three miles north of Louisburg, Kan., and 3 east and about 25 miles south of Kansas City.

40 HEAD, mostly sired by **Miami Star (son of Star Blend),** and **Golden Glow Chief** (son of Double O Joe). The offering consists of tops from our herds, conditioned for the best results when they go into new hands. Best of bloodlines and from carefully selected individuals. All breeders and swine growers are invited as buyers or visitors. Consignors T. M. Gerken, Frank Peckman and Firman Carswell.

Write for catalog to T. M. GERKEN, Paola, Kan.

Auctioneer: Bert Powell — Jesse R. Johnson with Kansas Farmer

Kansas Duroc Breeders Show and Sale

will be held at
Horton, Kansas, on
Saturday, October 8
***Featuring* 50 Head of Kansas TOP DUROCS**
For sale catalog or other information write to
Fred Germann, Sec.
Manhattan, Kan.

Hartmans' Annual Sale

Big, Black, Meaty Polands

Friday, October 14

40 HEAD (tops from over 100 head)
20 BOARS — 20 GILTS

Most of them sired by **Wonder Boy** (candidate for State Fair championship). They are out of the greatest line of big smooth sows to be found in any herd in America—Miss Chief (900-lb. sow) and her relatives. Also a few sows with litters will be sold. All immuned.

Sale at farm in pavilion 14 miles south of Abilene, Kan., Highway 15. Write for catalog now.

J. J. HARTMAN & SON
Abilene, Kansas

Auctioneer: H. S. Duncan

Mention Kansas Farmer When Writing Advertisers

August 27, was the date of the Hampshire sale of **MR. AND MRS. EDWIN COX,** Fayette, Mo. They sold 41 head with dams averaging $74 with a top of $150 on 2 rams. Ewes averaged $57.50 with a top of $127.50. High-selling ram and ewe were purchased by Missouri buyers. Most of the Hampshires went to Missouri buyers but sheep went to Kansas, Iowa, Illinois and Arkansas buyers.

Buyers paid an average of $370 for 50 lots in the **MISSOURI STATE HOLSTEIN SALE,** Columbia, on September 2. Top of sale on both bull and female was from the Clyde Hill Farm, Clyde, Mo. Top of $950 was paid for an open heifer and $800 for a bull top. Top female, an open heifer, went to Al Gerhart, St. Louis, Mo. Top bull to William Schrage, Trenton, Ill.

Kansas buyers were Grover Meyer, of Basehor, and R. W. Bollman, Edna. The high-selling cow at $600 and her heifer calf a few days old, at $115 were purchased by Grover Meyer. Five head went to the Grover Meyer farm from this sale and 4 head were purchased by R. W. Bollman, Edna. Bert Powell was the auctioneer and Glenn G. Davis, Columbia, was the sale manager.

There was a broad demand for good Angus cattle shown at the dispersion sale of the **PAUL WHITEMAN** herd at Silvertop Farms, Belton, Mo., on August 18. Buyers were present from 7 states: Missouri, Kansas, Iowa, Ohio, Oklahoma, Texas and West Virginia. Six bulls brought $4,750, with an average of $791; 69 females brought $34,605, averaging $501. All 75 lots brought $39,355, with an average of $524. The top-selling bull was Lot 1 at $2,100, Blackbird Bandolier of Anoka 13th, selling to Staley Farms, North Kansas City, Mo. Thirty-eight daughters of this Lot 1 bull brought $21,105, averaging $555 in this auction. Females sold up to $1,325, with Lot 8, Bandolier's Enchantress WHR, a 5-year-old daughter of the Lot 1 bull, and her heifer calf by Bandolier of Prospects 2nd, bringing that figure on the bid of Pioneer Coal Company, Walker. The sale was conducted by Col. Ray Sims and was under the management of J. B. McCorkle, assisted by men of the press.

JESSE RIFFEL & SONS, Enterprise, Kan., have changed their Polled Hereford sale date to November 21.

E. G. HARTNER, owner of Green Valley Farm at Clinton, Mo., writes that Missouri was well represented at the regional O I C Show and Sale at Oklahoma City, August 13. This took in the area west of the Mississippi river. Five states were represented, Texas, Oklahoma, Kansas, Nebraska and Missouri. The Hartners took 3 gilts which won 3 blue ribbons and Elmo's, Mr. Hartner's son, gilt won the grand championship and trophy and sold for $160 which was the top of the sale.

Perry Gilkerson, of Oklahoma City, had grand champion boar and he brought $150. Floyd Vogt, of Urich, Mo., consigned 4 bred gilts which won 2 blue and 2 red ribbons. L. A. Williams, Vandalia, and George Shaefferkoetter, of Owensville, also were there with consignments. Vernon Zimmerman, of Inman, Kan. was there with a nice consignment. The quality of the hogs was very good but the sale was fair with the 2 champions being the only ones selling for more than $100. Hartners bought the reserve champion gilt, a March gilt from Perry Gilkerson at $87.50. The weather was rather warm for a hog sale at that time of year in that section.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	$26.25	$29.00	$41.00
Hogs	22.35	23.60	29.75
Lambs	23.50	23.00	24.50
Hens, 4 to 5 lbs.	.21	.19	.25
Eggs, Standards	.50½	.46½	.43½
Butterfat, No. 1	.55	.55	.65
Wheat, No. 2, Hard	2.26½	2.12¾	2.25¼
Corn, No. 2, Yellow	1.31¼	1.33¼	1.70
Oats, No. 2, White	.72½	.68½	.81
Barley, No. 2	1.14	1.05	1.24
Alfalfa, No. 1	26.00	24.00	25.00
Prairie, No. 1	14.00	14.50	14.50

Public Sales of Livestock

Aberdeen-Angus Cattle

September 26—Wendell Davis, Norwich, Kan.
November 1—Heart of America Breeders' Association, Kansas City, Mo. Edward F. Moody, Manager, Olathe, Kan.
November 10—Kansas State Angus Sale, Hutchinson, Kan.

Ayrshire Cattle

September 29—Northeast Kansas Breeders Association Sale, Ottawa, Kan.
October 5—Meade Ayr Farm, Meade, Kan. Frank V. Lile, Sales Manager, Bellefontaine, O.
October 7—Richard Scholz, Lancaster, Kan. Dispersion.
October 28—Kansas Production Sale, State Fair grounds, Hutchinson. G. Fred Williams, Sale Manager.

Brown Swiss Cattle

October 19 — Tri-State Breeders Consignment Sale, Topeka, Kan. Ross Zimmerman, Secretary, Abbyville, Kan.

Guernsey Cattle

October 21—Kansas State Guernsey Sale, Hutchinson, Max Dickerson, Secretary, Hiawatha, Kan.

Holstein Cattle

September 28—Ernest and Paul Selken, Smithton, Mo.
September 30—Alvin Young Holstein Dispersal, Abilene, Kan. Consignments from C. B. Quinn, Schneider Bros. and E. A. Dawdy.
October 18—John Bell, Abilene; Leonard Kuhlman, Bennington; Art Quinn, Bennington. Sale at Abilene, Kan. Elmer Dawdy, Sales Manager, Bellefontaine, O.
October 24—Central Kansas Sale, Hutchinson, Kan. T. H. McVay, Manager, Nickerson, Kan.
November 7—Kansas Breeders State Sale, Herington, Kan. George E. Stone, Chairman Sales Committee, Medicine Lodge, Kan.
November 9—Central Kansas Holstein sale, Abilene, Kan. E. A. Dawdy, Sale Manager, Salina, Kan.
November 14—North Central Kansas Holstein Breeders' Association, Washington, Kan. Edwin H. Ohlde, Palmer, Kan.

HOGS

SHEPHERD'S SUPERIOR DUROCS

Bred sows, gilts for summer and fall farrowing. Boars: serviceable and spring tops in blood and conformation. Registered and immuned. Prices right.

G. M. SHEPHERD, Lyons, Kansas

Pride of the West DUROC BOARS

Best of breeding, new blood for old customers. Vaccinated and guaranteed.

WELDON MILLER & SON, Norcatur, Kan.

Choice Husky Duroc Boars

Sired by Western Star-Champ. Priced reasonable. All gilts reserved for our 50th anniversary and sale, February 7, 1950.

VERN V. ALBRECHT, Smith Center, Kan.

ROEPKE'S DUROCS

Now offering quality Spring Boar and Gilts. Medium type, several leading bloodlines to choose from. Old or new customers.

ARTHUR E. ROEPKE, Waterville, Kansas

DUROC FALL GILTS

Sired by **Double Sensation** and bred to the top son of Fleetline, Iowa grand champion. Fancy Spring Boars by **Modern Supreme,** Nebraska champion boar. A few by Double Sensation.

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

TRY GERMANN DUROCS

For Sale—A good selection of spring gilts and a few spring boars. The kind you will like. Inquire of **FRED GERMANN, Manhattan, Kansas.**

APRIL FARROW DUROC BOARS

and Gilts. By **SS Advance King.** Outstanding individuals from large litters. Reasonable.

L. W. SCHNEIDER, Jr., Box 133, Albert, Kan.

KAWVALE YORKSHIRES

Commercial Men—Breed your good sows to a Yorkshire boar. It will reduce your lard production considerably. Registered boars for sale. No bred or open gilts for sale at present. Our prices are reasonable.

REX J. KENT, Manhattan, Kan., Rt. 1
On Highway 40, 7 Miles Southwest

REGISTERED YORKSHIRE BOARS

Sired by imported English boar for fall breeding. Breeding season will soon be here . . . get your boar now. **JESS L. THURMOND FARMS,** Rt 2, Florence Station, Omaha, Nebr.

Champion Carcass of the World

Our Yorkshire Barrow

Raise Yorkshires for less lard, larger litters. High winning herd of the breed, Illinois, Ohio and Maryland. Illustrated circular.

YALEHURST YORKSHIRE FARM, Peoria, Ill.

MINNESOTA No. 1 BOARS AND GILTS

These are from early spring litters. Registered and immuned. Also offering extra good two-year-old herd boar.

GERALD FARR, Beloit, Kansas

BERGSTEN'S Improved Hampshires

Now offering choice quality bred gilts. Will hold a boar and gilt sale October 28. Inquiries and visitors always welcome.

R. E. BERGSTEN & SONS, Randolph, Kan.

REG. SUPERIOR SPOTS

Extra quality spring boars and gilts by sons of **Broad Back, Rocker** and **Rock of Ages.** Also foundation breeding.

W. F. WELLER, Americus, Kansas

If You Are Interested In
CHESTER WHITES

Write The Chester White Swine Record Assn., Rochester, Ind. Ask for a Sample Copy of
THE CHESTER WHITE JOURNAL.

Published Monthly, 1 yr. $1, $3 yrs. $2

NATIONAL HEREFORD HOG TYPE CONFERENCE SHOW AND SALE
Tuesday, October 11, 1949
Fairgrounds in Marshalltown, Iowa
OFFERING 75 Head of Spring Boars and Gilts — Also a Few Outstanding Fall Boars and Bred Gilts—This offering will feature many Top Winners at this year's Shows as well as individuals from Production Registry litters. The offering will also include individuals that have records kept on them as to the efficiency of gain from weaning to 200 pounds of weight. Under average farm conditions many of the individuals checked under our feed-consumption program gained 100 pounds for each 300 pounds of feed consumed. These individuals made average gains of 1.6 pounds per head daily and their cost of gains ranged from $7 to $9 per hundred. Efficient and rapid gains such as these mean added profit for Hereford Hog raisers, whether they are producing market hogs or purebred breeding stock.

Herefords can make you money in your swine-production program, so plan to attend our National Sale and other Purebred Hereford Hog Sales this Fall.

Write for Catalogs
NATIONAL HEREFORD HOG RECORD ASSOCIATION, Chariton, Iowa

Reliable Advertisers Only are accepted in Kansas Farmer

Outstanding Kansas Holstein Dispersal

The Alvin Young Herd

of Bennington, Kansas

50 REGISTERED HOLSTEINS

Selling at public auction at the Fair Grounds

Abilene, Kan., September 30

20 HEAD are consigned from the following:
C. B. Quinn, Bennington; Schneider Bros., Salina; E. A. Dawdy, Salina

The offering includes:

25 Cows—Milking or due in October to December. DHIA and HIR records on everything. Mr. Young's herd made 461 in 1948.

10 Bred Heifers—many are granddaughters of Sir Bess Tidy.

10 Open Heifers—here is the place to buy 4-H Heifers. See their dams before you buy.

5 Bulls—A Junior Yearling Tidy son sells that won his class at Nebraska State Fair this year. The last born son of Old Tidy. Come and see the 5-year-old grandson of Montvic Chieftan 7th sired by the Wooster Dean bull, a paternal brother to Tidy. A 2-year-old Tidy grandson, 3rd at Hutchinson last year sells. Also a double grandson.

Tb. and Bang's tested within 30 days. Young heifers all calfhood vaccinated.

Note these facts—

10 Cows sell with own records of 500 lbs. or better.

8 Heifers sell with their dams—the place to get daughters and dams for a foundation.

5 Outstanding Bulls—many are Tidy granddaughters. An opportunity to buy foundation cattle from disease free, classified and production tested herds that average over 450 pounds per year.

Folks—Don't miss this sale if you want foundation Holsteins.

E. A. DAWDY.

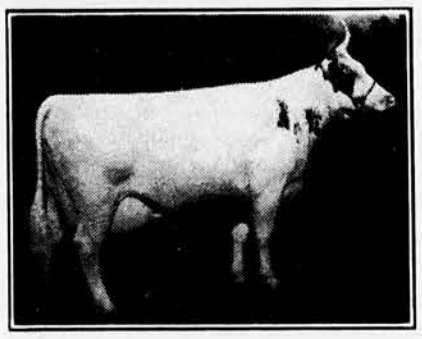
E. A. DAWDY, Sale Manager, Salina, Kansas

Selling Force: Bert Powell, Charles Cole, Harold Crispens, Mike Wilson

Meade Ayr Farms Registered Ayrshire Cattle

At Public Auction, Meade, Kan.

Wednesday, October 5 -- 12 Noon



50 Superior Reg. Ayrshires 50

Offering consists of 35 top 1st and 2nd calf heifers, calving at sale time. 12 select 4-H Heifer Calves. 3 herd-building young sires.

This is one of the foremost offerings of select Ayrshires ever offered the public at their own price in the state of Kansas.

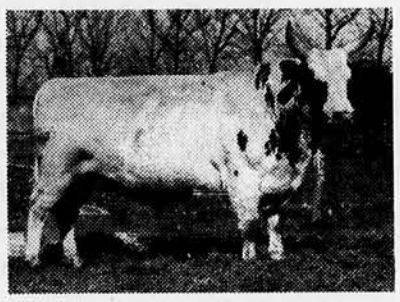
It is well to remember Southwestern Kansas is fast becoming the Scotland of America.

Plan now to attend this sale and see why Ayrshires are best for your needs.

MEADE AYR FARM — BYRON FISHER

For catalog write Frank V. Lile, *Sale Mgr.*, Bellefontaine, O.

Auctioneer: Col. George Roberts



Ayrshire Dispersal

October 7, 1949—1 P. M.

Lancaster, Kansas

at the farm on U. S. Highway 73 4 miles northwest of Lancaster, 15 miles northwest of Atchison and 15 miles southeast of Horton.

45 HEAD OF REGISTERED AYRSHIRES

Our herd sire **Cavalier's Stand Aside** (approved). His first 8 daughters averaged 10,425 pounds milk, 426 pounds fat, 4.08% test on 2X day milking 305 days. Regression index 10,452 pounds milk, 431 pounds fat. He sells together with 8 daughters and 14 granddaughters.

Also selling **Locust Lea Nick.** Three times Grand Champion at the Kansas State Fair. He is a son of **Woodhull Sunny Jim** approved sire of 10 daughters that averaged 9,822 pounds milk, 401 pounds fat for 2X day milking 305 days. Nick is selling with 5 daughters and 3 sons.

Only a dispersion sale makes it possible to purchase cattle of this breeding and quality. Many of these cattle have been shown very successfully at the large Fairs throughout the Midwest. Our Show Records Speak for Themselves. Plan to attend this sale to purchase the best in Ayrshires.

For Catalog Write

Richard Scholz, Prairie Belle Farm, Lancaster, Kan.

Mike Wilson, Auctioneer **Jesse R. Johnson for Kansas Farmer**

KANSAS GUERNSEY BREEDERS

Guernsey Sale, Fairgrounds

Hutchinson, Kan.

October 21

Picked consignments from nationally-known herds and leading Kansas herds. Also selected heifers limited to 4-H and F.F.A. buyers.

For complete information write

MAX DICKERSON, Hiawatha, Kansas

Attend Selken's Holstein Sale

Sept. 28—12 Noon—Smithton, Mo.

Smithton is 6 miles east of Sedalia on U. S. 50 Highway (Sale held under tent.)

45 Registered — 10 Grades

20 Cows and Springer Heifers **15 Baby Heifer Calves**
10 Open Heifers ready to breed **5 Bulls, service age and younger**

WINNING—PRODUCTION—BREEDING

The Selken herd has won 134 championships at state, interstate and district shows during the past 10 years, and reports are quite frequent from cows we have sold that are leading testing associations and making state records. One of the most richly bred K.P.O.P. herds of the breed. **Health**—A health certificate with every animal. **For sale catalog write to**

ERNEST and PAUL SELKEN, Smithton, Missouri

Auctioneers: Bert Powell, Glenn G. Davis, Harvey Hartvigsten
Donald J. Bowman with Kansas Farmer

Northeast Kansas District Ayrshire Breeders Sale

Ottawa, Kansas, Sale Pavilion

Thursday, September 29 (night sale) 7 P. M.

A choice lot of cows, bred and open heifers, heifer calves and young serviceable age bulls. Offering has been selected from the best herds of the district, selling well conditioned and suited for foundation herds or replacement. Offering includes cows with production records or from record ancestors. Quality and bloodlines to match. **For catalog write**

DONALD ALFORD, Rt. 2, Lawrence, Kan.

Auctioneer: Mike Wilson **Jesse R. Johnson with Kansas Farmer**

Livestock Advertising Rates

¼ Column inch (5 lines) $3.00 per issue
1 Column inch..... 8.40 per issue

The ad costing $3.00 is the smallest accepted.

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

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

October 1

Will Be Our Next Issue

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

Saturday, September 24

If your ad is late, send it in Special Delivery to **912 Kansas Ave.**

Mid-Kansas Duroc Boar and Gilt Sale

Newton, Kansas

Tuesday, September 27

Show 2:30 P. M., Night Sale 7 P. M.

Breeding: Featuring get of tops of Oklahoma and Kansas state sales and tops from past winter bred sow sale. For catalog address

WARD LEHMAN, Halstead, Kan.

AGRICULTURAL AND APPLIED SCIENCE
LIBRARY
SEP 17 1949
MANHATTAN
KANSAS

TP ROYAL TREDWAY 30TH
Son of Royal Tredway 25th included in this sale.

TP Ranch Hereford Cattle Sale

Sale at ranch under tent

Eureka, Kansas, Saturday, October 1

73 **HEAD**, featuring the breeding and service of the good herd bulls, **CK Royal Duke 4th**, grandson of WHR Royal Triumph and **Royal Tredway 25th** (1946 Kansas grand champion).

30 **Good Young Cows**, all bred and many of them already have calves at foot.

10 **Heifers** bred to **Royal Tredway 25th** and **CK Royal Duke 4th.**

26 **Choice Open Heifers**

7 **Young Bulls**, most of them real herd bull prospects.

A good useful, well bred offering selling without fitting. For catalog write

EDWIN BROWN or RALPH J. PRYOR, Owners
TP Ranch, Eureka, Kansas

Auctioneer: Charles Corkle
Frank Wilson, American Hereford Assn.

Mike Wilson with Kansas Farmer
Gene Watson, Kansas Hereford Assn.

September 26 Is Your Opportunity to Buy Polled Herefords at Their Best in the

Charles Hart Complete Dispersion Sale

Monday, September 26

at the sale pavilion in

LENOX, IOWA

Including the outstanding herd bull **E E R Rollo Domino 12th,** sired by C M R Rollo Domino Jr. by C M R Rollo Domino the 1941 national champion, sired more blue ribbon winners in the 1946 and 1947 national shows than any other bull. His dam is a Kuhlmann-bred daughter of Advanced Domino 38th.

E E R Rollo Domino 12th was purchased by Bernard Hart at the 1947 Panola-Tate Polled Hereford Sale for use in his Kansas herd. A Strong-Headed bull with plenty of substance and breed character. He has never sired a horned calf.

ALSO SELLS—9 Yearling Bulls, 7 Open Heifers, 17 Cows with calves at side, 5 Cows to calve this fall.

All sired and bred to E E R Rollo Domino 12th. The cow herd is strong in the blood of **Anxiety Domino and Choice Domino 39th.**

Write for your copy of the catalog now, it tells the story.

CHARLES HART, Conway, Iowa

Auctioneer: Freddie Chandler

Don Bowman for Kansas Farmer

ABERDEEN-ANGUS PRODUCTION SALE

Monday, September 26

At farm half mile west and half mile north of

Norwich, Kansas (Kingman County)

35 **HEAD** representing the natural accumulation of our herd and featuring the blood of such great sires as **Elleenmere 85th** and such families as Barbara's, Blackbird's, Pride of Aberdeen's, Mayflower's, Juana Erica's, Finlarig Elba's, Queen Mother's and Ruby's.

Offering is selling in nice breeding condition but not highly fitted.

19 **Cows**, all bred, many with calves at side sale day.
10 **Choice Heifers**
6 **Young Bulls**

For catalog write WENDELL DAVIS, Norwich, Kansas

Auctioneer: Ray Sims

Jesse R. Johnson with Kansas Farmer

DAIRY CATTLE SALE

on farm at west edge of

Pretty Prairie, Kan., Thursday, Oct. 6, 1 o'clock

135 HEAD—75 Guernseys, 60 Holsteins

Fresh Cows, Heifers and Heavy Springers. Also Open Heifers Tb. and Bang's tested.

W. W. GRABER, Pretty Prairie, Kan.

Hereford Cattle

September 20—Waldeman Hanke, Walterville, Kan. Sale at Marysville, Kan.
September 23—Mission Hills Farm, Joplin, Mo.
September 26—Double H. Ranch, H. B. Doering, owner, Garnett, Kan.
October 1—T. P. Ranch, Prior & Brown, Eureka, Kan.
October 8—Clay County Hereford Breeders, Sales Pavilion, Clay Center, Kan.
October 10—John H. Tatlock, Piedmont, Kan.
October 11—W. L. Cowden, Springfield, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.
October 13—Elmer L. Johnson, Smolan, Kan.
October 14 — Duttlinger Brothers, Monument, Kan.
October 15—C. K. Ranch, Brookville, Kan
October 18—Heart of America Farms, Jenkins & Fulkerson, Liberty, Mo.
October 31—Ed Barnes, Collyer, Kan.
November 2 — Haven Hereford Association, Hutchinson, Kan.
November 7—Cowley County Hereford Breeders' Association, Chas. H. Cloud, Secretary, Winfield, Kan.
November 8—North Central Kansas Hereford Breeders' Sale, Belleville, Dr. George C. Wreath, Sale Manager.
November 9—Flint Hills Association, Cottonwood Falls, Kan. Elmor G. Stout, Sale Manager, Cottonwood Falls, Kan.
November 11—W. H. Tonn & Son, Haven, Kan.
November 14 — Kansas State Hereford Sale, Hutchinson, Kan.
November 14-15—Sunflower Hereford Futurity, Hutchinson, Kan.
November 16—Lincoln County Association, Sylvan Grove, Kan.
November 18—John Stumps & Son, Bushton, Kan.

Polled Hereford Cattle

September 26—Chas. Hart & Son, Conway, Iowa. Sale at Lenox, Iowa.
October 22 — Midwest Polled Hereford Sale, Deshler, Nebr.
November 21—Jesse Riffel & Sons, Enterprise, Kan.
December 12—Kansas State Polled Hereford Association, Hutchinson, Kan.

Jersey Cattle

October 18—Francis Wempe Dispersal, Lawrence, Kan.
October 20—Kansas State Jersey Sale, Manhattan, Kan.

Red Poll Cattle

October 18—Tri-State breeders sale, St. Joseph, Mo., Jerry B. Vyrostek, Sales Manager, Weatherby, Mo.

Shorthorn Cattle

October 15—Western Kansas Shorthorn Breeders Sale, Hays, Kan. Mervin F. Aegerter, Sales Manager, Seward, Nebr.
October 19—American Royal National Sale, Kansas City, Mo. American Shorthorn Breeders' Association, Managers, 7 Dexter Park Ave., Chicago, Ill.
October 25—Mid-Kansas Shorthorn Sale, Salina, Kan.
October 26—Carl Retzliff, Walton, Nebr. Sale at Lincoln, Nebr.
November 7 — Kansas Polled Shorthorn Sale, Hutchinson, Kan. State Fair Grounds. Lot F. Taylor, Sale Manager, Manhattan, Kan.
November 8—Kansas Shorthorn Breeders Sale, Hutchinson, Kan. State Fair Grounds. Lot F. Taylor, Sale Manager, Manhattan, Kan.
November 12—E. C. and Glen Lacey, Miltonvale, Kan. Sale at Clay Center, Kan.
November 15—Central Kansas Shorthorn Breeders Sale, Beloit, Kan.

Polled Shorthorn Cattle

October 6—Hultines Golden Anniversary sale with other consignments, Lincoln, Nebr. Mervin Aegerter, Sale Manager, Seward, Nebr.
October 19—American Royal National Sale, Kansas City, Mo. American Shorthorn Breeders' Assn., Managers, 7 Dexter Park Ave., Chicago, Ill.
November 14—Third Annual Mid-West Polled Shorthorn Breeders Sale, Oxford, Nebr. Mervin Aegerter, Sale Manager, Seward, Nebr.
November 23—Smith and Talbert Dispersion Sale, Chillicothe, Mo. Mervin F. Aegerter, Sale Manager, Seward, Nebr.

Milking Shorthorn Cattle

October 3—E. E. Robertson, Scranton, Kan. Sale at Osage City, Kan.
October 22—Gordon L. Jansen, Bushton, Kan., sale at Hutchinson, Kan.
November 2 — North Central Kansas Milking Shorthorn Breeders, Salina, Kan.
November 10—McPherson County Milking Shorthorn Breeders Sale, C. O. Heidebrecht, Secretary, Inman, Kan.

Polled Milking Shorthorn Cattle

October 4—E. W. Breckenridge, Stilwell, Kan. Sale near Stanley, Kan.
October 18—Roy Doll Dispersal, Cedar Vale, Kan., and J. E. Hugenot, Moline, Kan. Sale at Winfield, Kan. C. O. Heidebrecht, Sale Manager, Inman, Kan.

Dairy Cattle

October 6—W. W. Graber, Pretty Prairie, Kan.

Hampshire Hogs

October 28—R. E. Bergsten & Sons, Randolph, Kan.

Hereford Hogs

October 11—National Show and Sale, Marshalltown, Ia. Harold Sellers, Jr., Secretary, Chariton, Ia.
October 22—Kansas Hereford Hog Breeders' Association sale, at Osborne, Kan. Milt Haag, Holton, Kan., Sale Manager.

OIC Hogs

October 21—Kansas OIC Swine Breeders' Association, Fredonia, Kan. Vernon Zimmerman, Secretary, Inman, Kan.

Berkshire Hogs

October 24—Kansas Berkshire Breeders sale, Topeka, Kan. Sam L. Murray, Secretary, Valley Center, Kan.

Chester White Hogs

October 11—Roy Koch, Bremen, Kan. Sale at Marysville, Kan. (night sale)

Duroc Hogs

September 21—Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.
September 27—(Night) Mid-Kansas Duroc Boar and Gilt sale, Newton, Kan. Ward Lehman, Secretary, Halstead, Kan.
October 1—Firman Carswell and others, Louisburg, Kan.
October 8—Kansas Duroc Breeders, Horton, Kan. Fred Germann, Secretary, Manhattan, Kan.
October 20—(Night Sale) Vern Hardenburger, Narka, Kan., and Wayne L. Davis, Mahaska, Kan. Sale at fair grounds, Fairbury, Nebr.
October 22—North Central Kansas Duroc Sale, Belleville, Kan.

Spotted Poland China

October 24—Wayne L. Davis, Mahaska, Kan. Sale at fair grounds, Fairbury, Nebr.

Poland China Hogs

October 13—C. R. Rowe & Son, Scranton, Kan.
October 14—J. J. Hartman & Son, Elmo, Kan.
October 19—Bauer Bros., Gladstone, Nebr. Sale at Fairbury, Nebr.
October 22—Kansas State Poland China Sale, Ray Sayler, President, Manhattan, Kan.

Hogs—All Breeds

October 15—Clay County All Breed Sale, Sale at Fair Grounds, Clay Center, Kan.

Hampshire Sheep

November 26—Northwest Missouri Breeders' Association, St. Joseph, Mo. F. B. Houghton, Secretary, Maryville, Mo.
December 3—International Hampshire Breeders, Oskaloosa, Ia.

Suffolk Sheep

December 3—North American Suffolk Breeders, Oskaloosa, Ia.

Beef CATTLE

Hultines' Golden Anniversary

Polled Shorthorn Sale

Lincoln, Nebraska
(State Fair Grounds) 4-H Pavilion
Thursday, October 6

50 Top Cattle from the herd of Albert Hultine & Sons and others selling animals from Hultine foundation stock.

11 Great Bulls
39 Beautiful Females

Hultine-bred sires have been leaders in every past National Congress. This is Hultines' greatest offering and includes 6 dark red sons of the $5,000 **Riverdale** and 27 of his daughters.

For catalogs of these sales address

MERVIN F. AEGERTER, Sale Mgr.
Seward, Nebraska

October 4—Sioux Empire Sale
October 5—Iowa State Sale

Attend All Three Sales and See a Great Lot of Polled Shorthorns

---

FOR SALE

Registered Aberdeen-Angus cows with calves at side, and rebred. Calves sired by and cows carrying service of Applewood Bandolier 100th, and he by Bandolier of Anoka 3rd. Priced reasonable. Come see them.

Harold and Bob Giess, Arnold, Kan.

REGISTERED HEREFORDS

Sell Tuesday, Sept. 20—1 P. M.
Marysville, Kansas
(Breeding Sale Barn)

1 **Herd Sire**—CK Captor D-15 4 years.
7 **Bred Cows**—Some with calves
2 **Bred Heifers**
3 **Open Heifers**
Herd mostly CK breeding.

WALDEMAN HANKE
Waterville, Kan.

REG. HEREFORD HERD BULL

For Sale. 4 years old. **Brook Rupert T. 337th**, a grandson of Hazford Rupert 81st. An excellent breeder and a choice individual, keeping his heifers. Priced reasonable.

LEONARD B. JOHNSON, Alta Vista, Kan.

Walnut Valley Reg. Herefords

Bulls and heifers of **correct Hereford Type**, strong in WHR breeding. Few outstanding herd bull prospects. Sired by **O.J.R. Jupiter Star 12th.** 5 bred and 10 open heifers.

WAITE BROS., Winfield, Kansas

THE TREND IS TOWARD ANGUS

Demand for Angus cattle continues at strong, but sound levels. Everywhere the trend is toward the Blacks. Generations of selective breeding produced today's modern breed. Share in this premium market by breeding and feeding Aberdeen-Angus. For information write: **Dept. KF, American Aberdeen-Angus Breeders' Association, Chicago 9, Illinois.**

WOFFORD FARM OFFERS ANGUS CATTLE

7 choice Reg. Aberdeen-Angus Heifers. Best of breeding. Sired by Elleenmere D-117. For establishing new herd or for replacement. **J. W. WOFFORD, 7 miles north of Junction City, Hgwy. 77**

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Auctioneer and Complete Sales Service
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BERT POWELL

AUCTIONEER

LIVESTOCK AND REAL ESTATE

1529 Plass Avenue **Topeka, Kan.**

Ross B. Schaulis, Auctioneer

Purebred Livestock, Real Estate and Farm Sales. Ask those for whom I have sold.

CLAY CENTER, KANSAS

CHAS. W. COLE

Auctioneer

Livestock, Farm and Real Estate Sales

1202 No. Washington, Wellington, Kan.

Registered Hereford Sale

Monday, September 26

At the Ranch

5½ miles south on highway 169, then ½ east and ½ south on 31 from

Garnett, Kan.---Sale starts at 1 P.M.

71 LOTS—12 Bulls, 59 Females

CK CRUISER D. 29TH—He sells

59 FEMALES

23 Cows with calves at foot—calves by CK Cruiser D. 29th and CA Valiant Star 18th. These cows are pasture rebred to CK Cruiser D. 29th and SHR Return 29th.

6 Cows and **Heifers** bred to CK Cruiser D. 29th and SHR Return 29th.

18 Open Heifers, daughters of CK Cruiser D. 29th and CA Valiant Star.

8 Heifer Calves by CK Cruiser D. 29th and CA Valiant Star.

12 BULLS

1 Herd Bull—CK Cruiser D. 29th (Pictured at left)
3 Bulls of Serviceable Age—All sired by CK Cruiser D. 29th
2 Yearling Bulls—All sired by CK Cruiser D. 29th
6 Bull Calves by CK Cruiser D. 29th and CA Valient Star 18th

DOUBLE H RANCH

H. D. Doering, Garnett, Kansas

Auct.: Col. Charles Corkle — Mike Wilson for this paper

John H. Tatlock Dispersion

Sale to be held at the ranch located 52 miles east of Wichita on Hwy. 96

Piedmont, Kansas

Monday, October 10, 1949

SALE STARTS AT 11:30 A. M.

225 HEAD — 140 LOTS

Offering as Follows:

5 Herd Bulls:

Delson Domino 16th—Calved March 15, 1942. Sired by WHR Real Domino 41st. We purchased this bull from Will Condell in 1943. A large number of his daughters sell in the sale. He is a rugged bull with substance and scale. He has been one of our greatest sires.

JHT Dandy Domino 4th—An outstanding son of Delson Domino 16th.

FRC Rupert Tone 41st—Calved September 18, 1944. We purchased this bull from Frank Robert Condell. He is intensely Hazlett breeding.

FRC Rupert—Calved July 10, 1944, purchased from the Frank Robert Condell herd at El Dorado.

JHT Hazford Boy 5th—An intensely Bocaldo 6th bred sire.

4 Yearling Bulls—The good kind by above mentioned sires.

102 Cows—Strong in Hazlett breeding. 75 calves at foot, by above mentioned sires.

34 2-year-old Bred Heifers—By our herd sires.

30 Yearling Heifers—They are good.

Everything sells! Because of other business interests, this sale is necessary. The herd has been carefully culled through the years and it is strongly built on WHR and Hazlett bloodlines. A calfhood vacination program has been used since 1943.

This is a practical, useful, money-making group of breeding cattle.

Also selling in complete dispersion, our Jersey herd: 16 Jersey Cows, purebred but not recorded; 8 Jersey Yearling Heifers, also purebred but not recorded. This is a very outstanding group of Jerseys, being one of the good herds of the area.

Also selling a large amount of baled hay.

For catalog — J. H. TATLOCK, Oil Producer, 111 S. Topeka, Wichita, Kan.
Auctioneers: Earl Gartin, Jewett Fulkerson, W. H. (Bill) Heldenbrand
Sale Managers: National Auction Co., Ft. Worth, Texas, and Fulkerson Sale Management Service, Liberty, Mo.

Johnson's Production Hereford Sale

Salina, Kan., Thursday, October 13

(In Salina Sales Pavilion, west side of town, Highway 40)

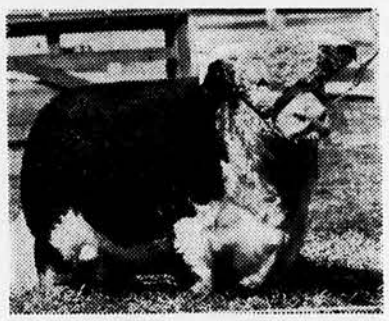
55 LOTS, about 61 head in all.

24 Bulls—20 of them sired by WHR True Onward 10th, a great son of WHR True Mold 15th, and a half brother to WHR True Molder 4158247 (Champion American Royal 1946). Included in the bull division will be the good proven sire, CK Royal Dundy 1st 3911675 (top bull in CK sale in 1945). Dundy is owned jointly by E. B. Toll, Herman Miller and myself.

37 Females comprise 21 heifers by WHR True Onward 10th, in ages from 6 to 12 months and 7 heifers by Dundy and bred to True Onward. 7 mature cows, 3 with calves at foot. The others will calve soon.

For catalog, address—

ELMER L. JOHNSON, Smolan, Kan.



C A ELATION 33d, a grandson of the Register of Merit Sire, WHR Seth Domino.

C A True Molder M, a son of the champion bull at the 1946 American Royal.

A Rare Opportunity to Buy

MODERN HEREFORDS

at the First Production Sale of the Mission Hills Farm

Friday, Sept. 23, 1949, Joplin, Missouri

Sale held in tent at farm ½ mile east of Joplin stock yards.

45 LOTS — 9 Bulls, 36 Females

We are selling the extreme tops of our production in this, our first production sale. 16 daughters and 3 sons of WHR Cavalier 45th. 5 daughters of WHR Royal Duke 20th. Of the first 6 calves sired by C A Elation 33rd, we are selling 4, 2 sons and 2 daughters. Selling 3 daughters and 1 son of WHR Meteor 21st, and this good sire sells as Lot 1. 1 daughter of Baca Royal Domino 33rd, the Register of Merit Sire.

Many of the females carry the service of C A True Molder M. Several bred to C A Elation 33rd. Individual Health Certificates furnished for clean Tb. and Bang's test for each animal sold.

F. C. and J. H. WALLOWER, Owners

A. D. Hammons, Manager — **George Comfort, Herdsman**

For catalog write MISSION HILLS FARM, Joplin, Mo.
Sale managed by Fulkerson Sale Management Service, Liberty, Mo.
Aucts.: A. W. Thompson & Jewett M. Fulkerson — Donald J. Bowman for Kansas Farmer

MILKING SHORTHORN DISPERSAL SALE

Osage City, Kan., Sale Barn

Monday, October 3, 1 P. M.

53 Head Registered Milking Shorthorns

Mature Cows, Herd-heading Sires, Yearling Heifers—Bred and Open. Bull and heifer calves. Neralcam, Duallyn, Northwood breeding. Best blood of the breed. Write for catalog to

E. E. ROBERTSON, Route 1, Scranton, Kansas

DISPERSAL SALE OF

Elmridge Polled Milking Shorthorn Cattle

October 4, 1949

One of the oldest established Polled Milking Shorthorn herds in the Middle West will offer 40 head of young Polled Milking Shorthorn cows, heifers, a few bull calves, and the herd bull, Woodside Buccaneer qmx2374964, whose 7 nearest dams average 11,316 lbs. milk, test 4.21—477.1 lbs. fat. Mature equivalent 13,396 lbs. milk and 607.6 of fat. Also a line of power farm machinery and dairy equipment to be sold before noon.

The sale will be held at the farm about 15 miles south of Kansas City. Take highway 69 to 1 mile south of Stanley, Kan. and 2 miles east on all-weather road.

Write to owner for catalog

E. W. BRECKENRIDGE, Stilwell, Kan.

Roy Paull, Auctioneer

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