

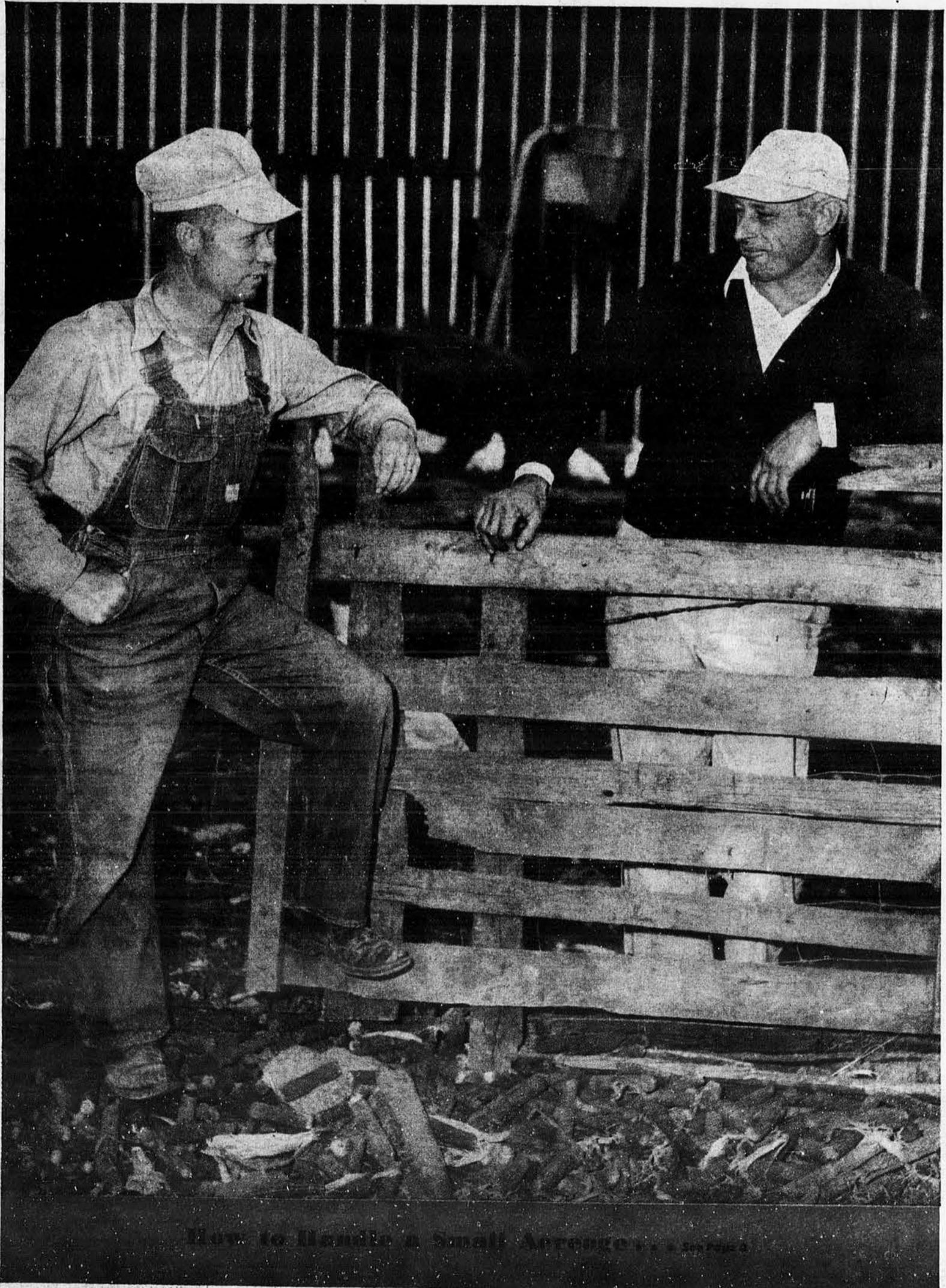
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Kansas Farmer

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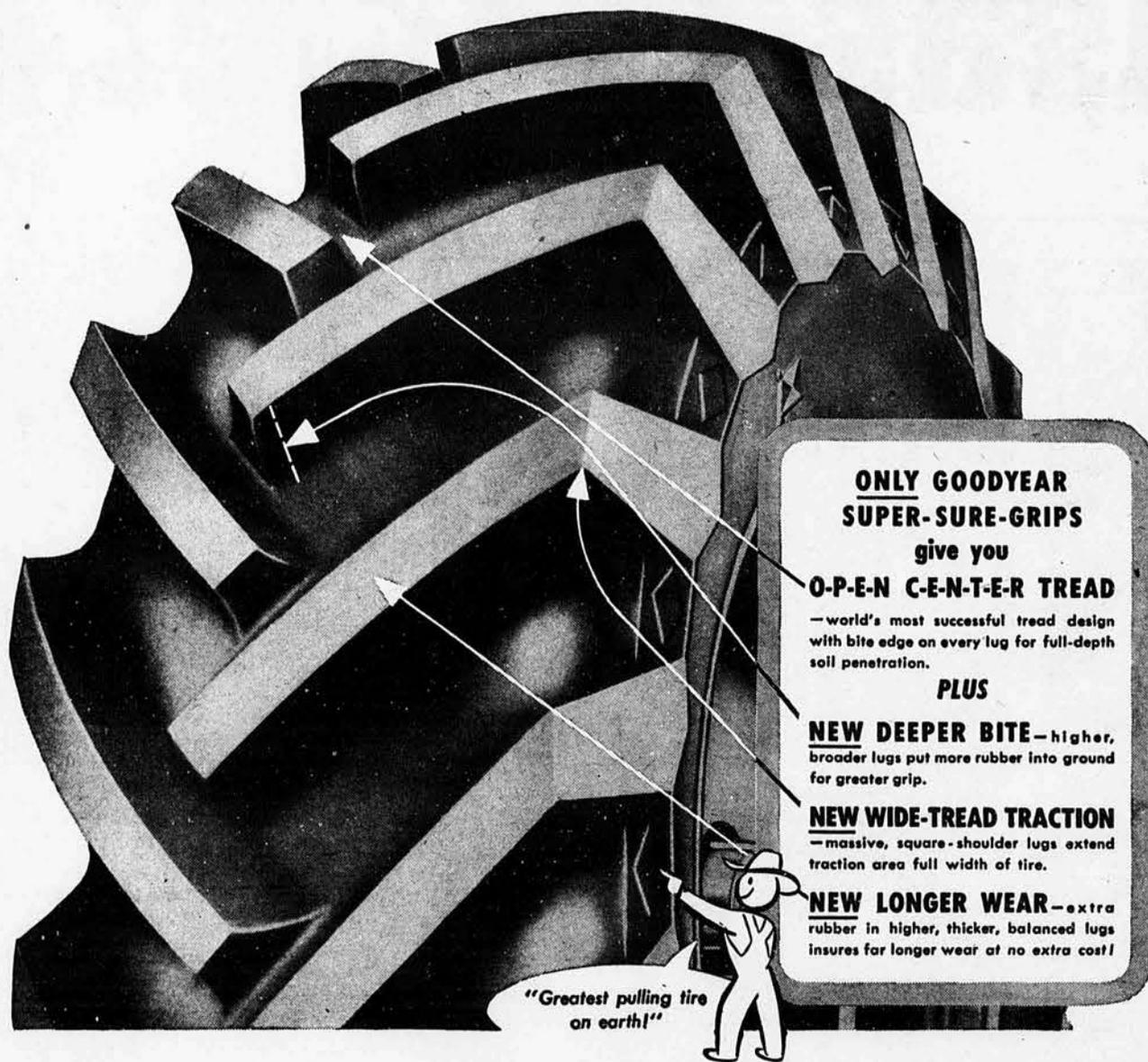
CONTINUING MAIL & BREEZE

NOVEMBER 20, 1948



How to Handle a Small Acreage

Published by the State of Kansas, Department of Agriculture, Manhattan, Kansas. Entered as Second-Class Matter, June 26, 1902, under Post Office No. 100, Post Office at Manhattan, Kansas. Acceptance for mailing at special rate of postage provided for in Act of October 3, 1917, authorized on July 1, 1948. Postage paid at Manhattan, Kansas. Postmaster: Send address changes to Kansas Farmer, P.O. Box 100, Manhattan, Kansas.



ONLY GOODYEAR SUPER-SURE-GRIPS give you **O-P-E-N C-E-N-T-E-R TREAD**
 — world's most successful tread design with bite edge on every lug for full-depth soil penetration.

PLUS

NEW DEEPER BITE—higher, broader lugs put more rubber into ground for greater grip.

NEW WIDE-TREAD TRACTION
 — massive, square-shoulder lugs extend traction area full width of tire.

NEW LONGER WEAR—extra rubber in higher, thicker, balanced lugs insures for longer wear at no extra cost!

IT'S HERE! THE NEW SUPER-SURE-GRIP

— keeps tractors working where they couldn't work before!

IT'S now a matter of record. This new Goodyear tractor tire — the SUPER-SURE-GRIP — goes where other tires won't. In hundreds of field tests it got tractors through slippery going at heavy drawbars where other tires slipped to a standstill!

This premium-performance tire gives you all the proved superiorities of o-p-e-n c-e-n-t-e-r design PLUS deeper bite, longer wear and far greater traction. Yet you don't pay a penny more for it!

You can tell why this new SUPER-SURE-GRIP pulls so much better and lasts so much longer just by looking at its tread. Lots more rubber in the lugs — lots more rubber in the ground.

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

Bigger, broader, longer, *high-shoulder* o-p-e-n c-e-n-t-e-r lugs that grip like a gear wheel to give you super-long wear and "the greatest pull on earth!"

Traction when you need it most

If your tractor is being stopped dead by tire slippage in soft spots — if wet, slick, slippery fields hold up your work — if you want to pull heavy-drawn implements where you couldn't before — get these new Goodyear SUPER-SURE-GRIPS.

Get them as replacements for worn tires, and specify them on your new tractor. They cost no more — but last far longer, and keep going where other tires won't!

GOODYEAR
 Super-Sure-Grip Tractor Tires



Thanksgiving Day

*This is the farmer's festival,
 When friends and kinsfolk gather in
 To taste the excellence a harvest
 yields
 And see its plenitude within the bin.*

*To greet the grandsire who has
 waited long,
 And stand with reverent head beside
 the ample board,
 To smile at little faces new this year,
 And for it all, give thanks unto the
 Lord.*

*This is the farmer's festal day,
 Be the wind warm from southern land
 or cold from northern zone,
 Fill the wide house with welcome and
 content,
 This is the farmer's own.
 —Alice W. Willis.*

Pick K. S. C. Man

Dave Van Aken will have charge of sales of fertilizer in Kansas and Missouri for the Spencer Chemical Company, it was recently announced from company headquarters in Kansas City. Mr. Van Aken, who succeeds Claude J. Byrd, is a graduate of Kansas State College and will make his headquarters and home in Wichita.

Will Use Pictures

Photographs of beef in natural colors will be used to improve meat grading under Federal standards, it is announced. Pictures show better than words the differences in color, formation and finish, and how to grade meat for quality. Matching meat with the pictures for color and proportion of bone, lean meat and fat now will be possible when an inspector is in doubt. Pictures also can be used in training meat graders, it is claimed.

Get Loans Earlier

You can get that corn loan anytime from now thru June 30, 1949, under a new plan announced by the Department of Agriculture. December 1, 1948, had previously been set as the deadline. Purchase agreements for corn also will be available now thru June 30. Grain sorghum loans and purchase agreements will be available from time of harvest thru February 28, 1949, instead of December 31, 1948, as previously announced.

Wheat Is Tough

Almost every farmer is aware that some "setbacks" appear to be beneficial to wheat and barley but without knowing why. Plant scientists of the U. S. Department of Agriculture now say that severe conditions occurring during the early life of the plant build a "thick skin" on the plants that aids them in resisting disease and other troubles later in life. In other words, plants that have to "take it" as seedlings develop ability to "take it" later on.

Senator Capper on Radio

Every Sunday afternoon at 4:15 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

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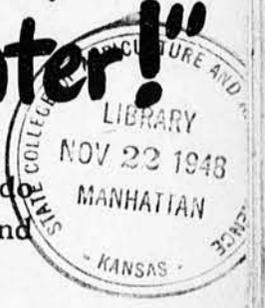
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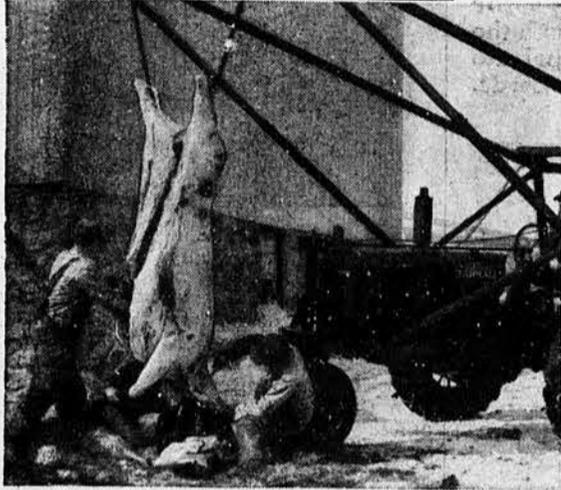
Three years, \$1; one year, 50 cents. Copy 5c.



"These cold weather jobs keep my FARMHAND busy all winter!"



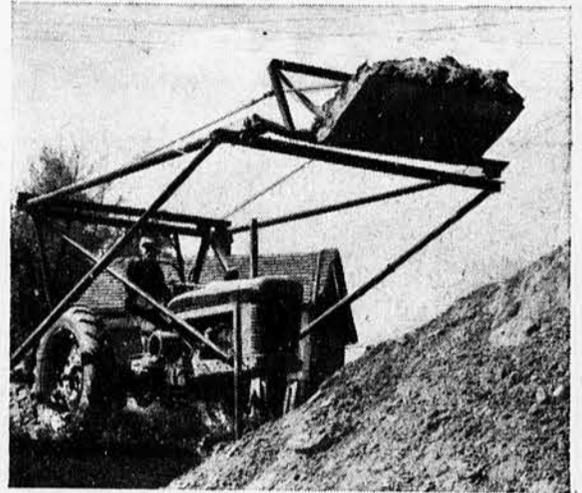
If you're tired of back-breaking, finger-freezing winter chores, do what I did... get a FARMHAND Hydraulic Loader now! You find you need it all year around anyway.



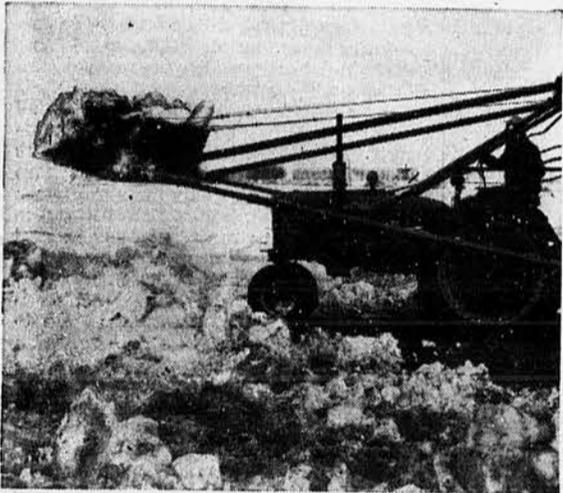
YOU NAME IT... watch FARMHAND do it! Need a slaughtering hoist? A high scaffold for apple picking, house painting or putting on storm windows? Use your FARMHAND. From fall to spring it's busy loading shocks, moving rocks, pulling fence posts, scooping silage, doing scores of tasks easier, faster, better! No wonder farmers buy it in every season of the year.



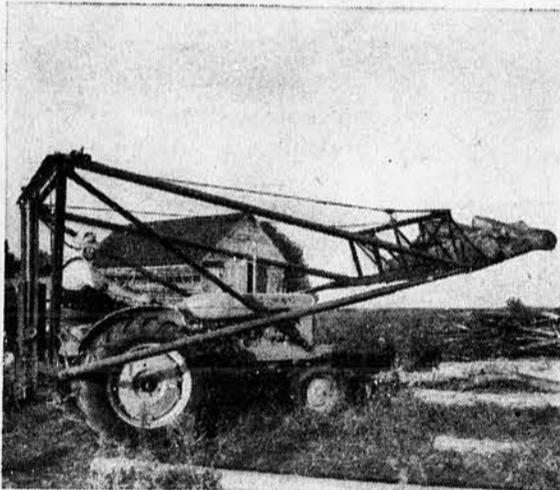
BREAKS FROZEN STACKS. Watch how my FARMHAND Loader with All-Purpose Forage Fork Attachment bites huge loads out of frozen stacks... rocks them loose with "wrist-action" leverage... hoists them free and clear with that tremendous 3,000 lb. lift and 21-foot reach. It's another back-breaking job that FARMHAND does in minutes.



BIG REPAIR JOBS ARE EASY with a FARMHAND to help. This Sand and Gravel Plate Attachment moves earth, lifts big loads of gravel, bricks, building materials and other hard to handle items. One tractor, plus one FARMHAND Loader, plus a set of FARMHAND attachments... and you're set for any kind of lifting, loading or moving work.



FEED LOTS CLEAR IN NO TIME! With a Snow Scoop Attachment on my FARMHAND Loader, I don't just push the snow around... I pick it up and get rid of it. It's a cinch, too, to load ear corn, silage and other loose materials with the scoop. This wonderful loader is a prime necessity on the farm from fall to spring, while most other implements rest... and rust.



YOU'LL FIND NEW USES for your FARMHAND every day you own it... like carrying wood from the wood lot, pulling well rods, moving outbuildings. And when your fall and winter chores are done, you've got the world's champion power implement for haying, harvesting and hauling next summer. Yes, NOW is the time to order your FARMHAND Loader!

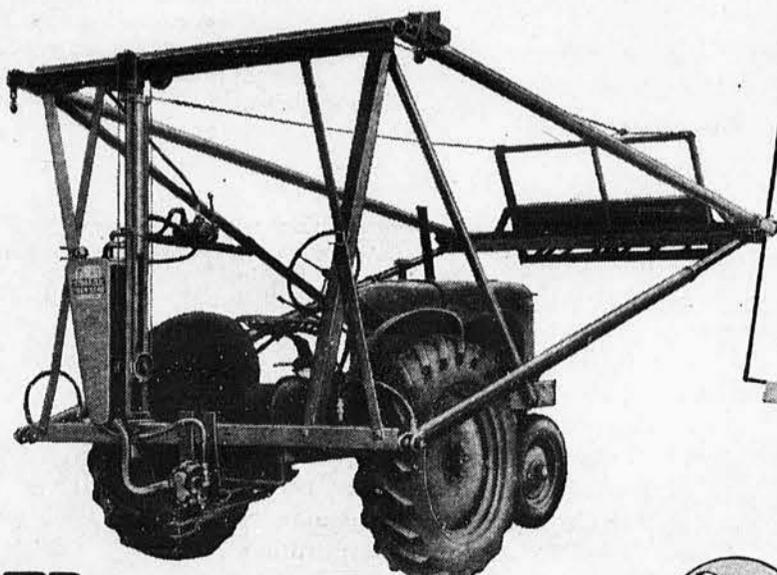


SNOW BOUND? NOT ME... with my FARMHAND Loader and V Plow Attachment to blast through the drifts and clear my road in a hurry. That rugged FARMHAND frame absorbs the shocks and strains of heavy plowing, saves the tractor, speeds the work. I've earned up to \$35 a day clearing snow for neighbors, too.

50 FARM JOBS!

to keep your FARMHAND Loader busy in every season of the year

- | | |
|--------------------------------|-------------------------------|
| Stacking hay | Putting on storm windows |
| Loading manure | Loading corn bundles |
| Hauling grain bundles | Lifting farm machinery |
| Shoveling sand and gravel | Moving small buildings |
| Loading hay wagons | Removing hay from stacks |
| Loading bales | Harvesting peas |
| Pulling fence posts | Painting buildings |
| Changing wagon or truck bodies | Pouring concrete |
| Moving dead animals | Shingling roofs |
| Butchering | Picking fruit |
| Loading scrap iron | Trimming trees |
| Building dams | Building fences |
| Loading boats | Lifting construction material |
| Filling dirt | Loading wool sacks |
| Shoveling snow | Loading cattle |
| Handling ear corn | Dipping cattle |
| Piling stumps | Opening roads |
| Lifting rocks | Clearing feed lots |
| Loading bundle wagons | Elevating grain |
| Hauling hay to barn | Loading lumber |
| Stacking straw behind combine | Shoveling coal |
| Harvesting beans | Carrying and piling logs |
| Repairing roads | Setting telephone poles |
| Repairing heavy machinery | Pulling well rods |
| Handling chopped hay | Loading straw out of stack |



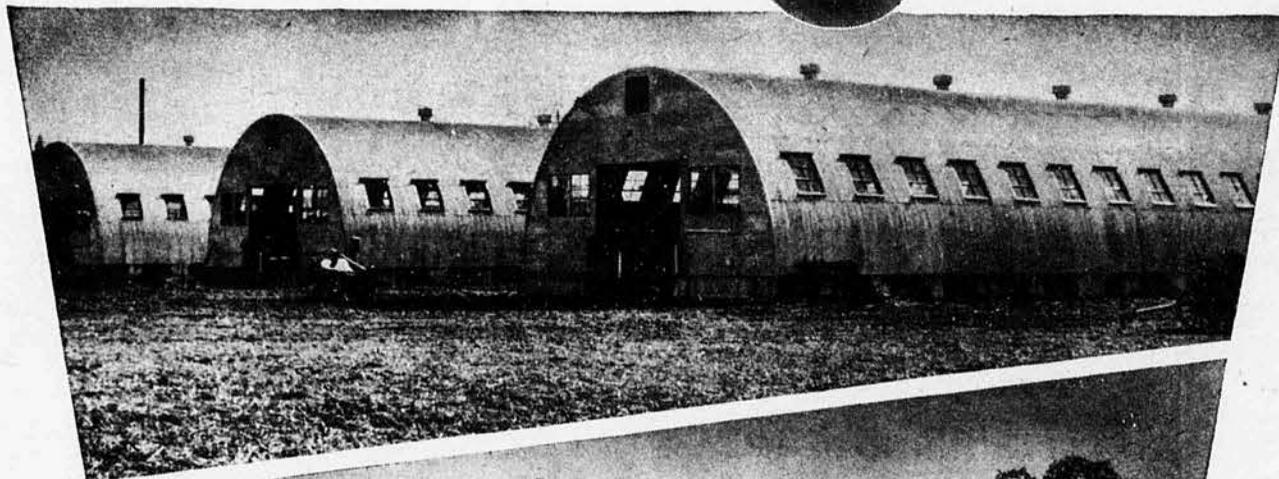
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Cows OR Chickens ARE EQUALLY "AT HOME" IN A Quonset*

The practical value of handling herds under the "loose housing" system can now be attested by the British Columbia Provincial Government, as a result of its operations at Colony Farm, Essondale. There, three Quonset 40's, each 160 feet long, are successfully used as loafing barns for the celebrated herd of 228 registered Holsteins. The Quonsets are set on concrete foundations and have cinder floors topped with a deep layer of wood shavings. Plans for the future include the use of a Quonset 24 for a grain feeding barn. Colony Farm managers suggest that the use of Quonset buildings for loafing barns is worth the consideration of private dairymen with large herds.



When it was decided to modernize the "chicken department" at Spring Hill Farm, Brighton, Michigan, a Quonset 20, in a 108-foot length, was erected on a concrete floor-foundation. In the center a 12-foot section, reached through a direct side entrance, houses feed bins, hot water and space heaters, egg candler and cooler. On each side of this utility room are two poultry rooms, or pens, each 24 feet in length. The building is insulated and inner-lined with corrugated steel sheathing; it is force-ventilated in summer. Mr. James Cowie, manager, claims that the greatest of many advantages is the ease with which his Quonset poultry house is cleaned, and kept clean.

Safety Champion to Chicago



Doris Hahn
Ford county

TWICE honored as winner in the annual Kansas Farm Safety Contest, 1947 and 1948, Doris Hahn, Dodge City, will represent Kansas at the 4-H Club Congress in Chicago. She won the state safety contest in 1947 and the watch Senator Capper awarded, and this year won the championship the second time, and the right to represent Kansas at the 4-H Congress during the International Live Stock Show, in December (November 27 to December 4).

Miss Hahn has been in 4-H Club work 6 years and has carried 32 projects. Also, she has been music-appreciation leader, song leader, assistant reporter, junior foods leader, secretary 2 years, and safety leader of her club 3 years, each year being county champion and last year she was state champion. She was county fire-prevention champion 2 years ago.

Her safety work also has included conducting a driver's school and contest in co-operation with the Kansas Highway Patrol, a campaign to pick up old nails, wire and glass in farmyards; to have each member of her club make a home clean-up for fire hazards, and to make the community safety-conscious by having a fire-prevention program and safety talks and demonstrations at all 4-H Club community meetings. And this year Miss Hahn, with her club's 4-H leader and 3 other members, participated in making a safety transcription which was played during National Safety Week. Miss Hahn finds safety a very interesting and inspiring activity and feels her club has benefited her community by participating in the safety projects.

Prevents Pipes Rusting

When taking down stovepipe, I grease each joint well, and stuff newspapers in each joint. Then set a match to the paper and burn it out. The grease will have glazed the pipe which will keep it from rusting. Then I wipe the pipes off with a cloth and store away for use next winter.—L. A. H.

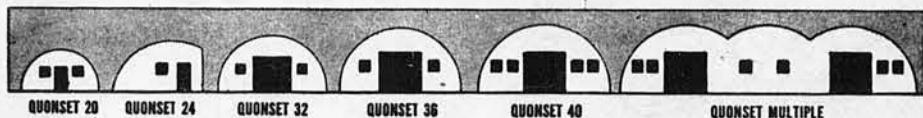
Wins National Award

A former Reno county 4-H Club boy won a full share of honors at the National Ayrshire Show, Waterloo, Iowa, this fall. He is W. S. Watson, of near Hutchinson. A cow bred and shown by him won the grand-championship award. In addition he showed the 3 best-ordered females bred by an exhibitor. To top that, he won the honor of honors at the show, the Premier Breeders Award.

As far as is known, this is the first time that a Kansas breeder of any of the dairy breeds has ever won the Premier Breeders Award. And it should be pointed out that Mr. Watson does his own work on his dairy farm. He doesn't do it by proxy.

These honors won at the National Ayrshire Show by Mr. Watson are indicative of the type of progress being made by Kansas breeders of dairy animals.

Which of These Quonsets Is Right for You?



Get in touch with your nearest Quonset dealer, and find out about these all-steel, low-cost buildings. They go up fast, require less maintenance. They are fire-resistant and will not rot or warp. Quonsets are easy to adapt to your particular

needs because you nail materials directly to the patented nailing groove in Stran-Steel framing members. If you do not know the name of your local Quonset dealer, write Great Lakes Steel Corporation.



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*REG. U. S. PAT. OFF.



At Left: Cattle and hogs on the Jewell Russell farm graze brome-alfalfa pasture by day and the cornfield at rear at night. Grazing saves costs of harvesting.

Below: Harry Patterson examines first-year stand of brome in grass waterway. He recommends mowing weeds to give grass a chance.



Jewell County Has Found the . . . Key to Success

By Dick Mann

JEWELL county farmers are making rapid progress in nursing their once-sick soil back to health. They had a big job, because in 1932, Jewell county was listed as one of the 10 most eroded counties in Kansas.

Since the present Soil Conservation District was organized about 6 years ago, work has been expanded rapidly. Here are some of Jewell county's achievements:

Conservation plans have been developed on 557 of the county's 2,000 farms. A total of 6,134 acres of cultivated land has been seeded back to native grass or a brome-alfalfa mixture. There have been 267 ponds built under the SCS program in addition to hundreds more under other Government programs.

Terraces built total 269.8 miles. Shelterbelts total 131 acres and grassed water outlets 749 acres. Ninety-six ponds have been stocked with fish.

More sweet clover is being grown now than at any other time in the history of the county, and more alfalfa than at any time since 1900.

Most dramatic point in the Jewell county program, however, is the change of emphasis that has taken place in soil conservation. Where early programs put most of the emphasis on terracing and gully-control structures, with the Government doing the work, the present program emphasizes proper land use, with farmers doing most of the work. A minimum of terraces is being recom-

mended, and then only as a supporting practice to proper land use. Here is the way Clyde Reed, work-unit conservationist, describes the use of terraces:

"We have found that one or 2 terraces below the crown of a slope usually are all we need. Rain falling on the slope itself doesn't do any harm. It is the rain that falls on the upper flats and then breaks over the ridge that tears up the fields. One or 2 terraces near the top of the slope will stop the trouble."

The best and cheapest terraces are those farmers build themselves, Mr. Reed believes. The Soil Conservation Service has bought 20 whirlwind terracers and resold them at near cost to groups of farmers ranging in number from 4 to 13. Co-operative use cuts down the costs.

Public terracing demonstrations are held for groups of farmers, and technicians follow these up with a 2-hour instruction period on the farm to help the farmer get started.

Why are farmer-built terraces better? "Because," says Mr. Reed, "farmers doing their own work can afford to build a broader-based terrace that will not settle. These terraces are easier to farm over and to maintain. Having built them, farmers know how to work with them and take more interest in their maintenance."

Five pieces of equipment for seeding brome, alfalfa and sweet clover have been purchased by the SCS district and are rented out to farmers as

a further cost-reducing program. This equipment consists of 2 Dunham cultihoes with broadcast-seeding attachments for brome and alfalfa; one 12-foot broadcaster with an alfalfa-seeding attachment in combination with a 13-foot Western land roller packer, and 2 VanBrunt fluted seed drills with alfalfa-seeder attachments. The 2 cultihoes and the 12-foot broadcaster have individual trailers for easy transportation. Cost to farmers for these machines runs from 25 to 50 cents an acre. "During the planting season, demand is greater than supply," says Mr. Reed.

A big boost to the entire land-use improvement program is a combined service of seed cleaning and scarifying being offered co-operatively by the SCS and the Mankato Grain Co. The SCS district purchased an \$850 sweet clover seed scarifier last spring and the Mankato Grain Co. installed a \$1,000 seed cleaner.

Both machines are located at the grain company elevator, where they are operated by John O'Neill, manager. By means of overhead bins, seed can be run thru the cleaner, then thru the scarifier in one continuous operation. For this service, farmers pay one cent a pound. Ten tons of seed were scarified the first season.

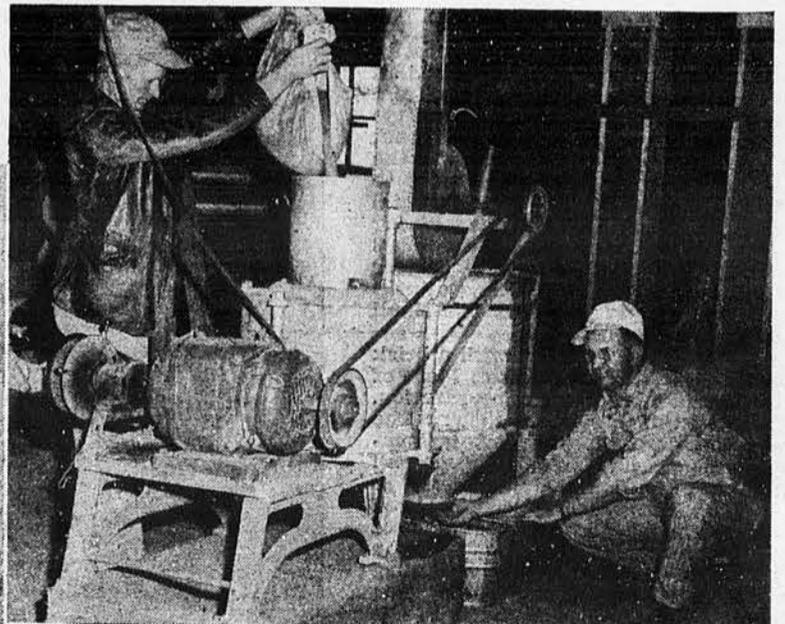
Scarifying cuts seeding rates from 15 to 10 pounds an acre, and tests in the county show that unscarified seed germinates at only 35 to 65 per cent, while scarified

[Continued on Page 24]



Above: Failure to rotate crops allowed Black Amber cane and weeds to take over this Jewell county cornfield when weather was favorable for a bumper corn crop.

Below: Here, Mr. Patterson shows results of good care on a 3-year stand of brome in one of his waterways.



Above: Jewell county farmers get sweet clover seed cleaned and scarified for one cent a pound thru co-operative service of the SCS and the Mankato Grain Co. Here, seed is being scarified by Clyde Reed, left, of the SCS, and John O'Neill, manager of the Mankato Grain Co.

We Are Seeing America

Why Don't More Farm Folks Take Vacation Trips?

By FRANCES R. WILLIAMS, Marshall County

KANSAS following probably is the most exciting experience of the 1948 trip to Maine. Mr. and Mrs. A. H. Tebben, Jr., Topeka, were our companions during the fishing expedition off Cape Porpoise.

LOCATED a few miles north of Kennebecport, and boasting one of the best harbors on the Maine coast, Cape Porpoise also is a popular summer resort. It was a lucky break for us that Grace and Bill Henson, of Topeka, were at Cape Porpoise. They have for several years spent their summer vacations at the home of their grandmother, Mrs. Wentworth. Grace and Bill are pupils of Mrs. Tebben in the Roosevelt junior high school, Topeka.

Bill had invited our group to go for a ride in his boat on a certain Monday morning. When we arrived at the Wentworth home, Mrs. Henson met us and pointed out places of interest. She conducted us thru the lovely garden of the next door neighbors, people of prominence in the business world. She accompanied us to the boat landing where Bill waited for us. Grace was reluctant to join us on the cruise, confessing that her weakness is sea sickness.

Once a Coast Guard Boat

The boat was a sturdy, former coast-guard boat equipped with an outboard motor. Our party climbed into the boat, seated themselves and our teen-age skipper gave the motor a whirl. Off we went, chugging along, passing the pier, where several people were fishing, weaving in and out among a varied assortment of boats moored in near the pier. There were small row boats, larger motor boats, boats of the lobster fishermen, cabin cruisers and even a few luxury yachts.

The cruise included a stop at a small island. The island was a favorite place with the young folks of the summer colony. Many happy hours are spent picnicking, exploring and watching the bird life on the island. Grace was interested in the gulls that nested there. There was a splendid view of the lighthouse which stands on another island at the entrance of the harbor. We visited the sheltered cove where Bill's crowd enjoyed swimming.

As we cruised to points of interest in and near the harbor entrance, the waves rolled lazily. It was smooth sailing. The fog which had prevented us from seeing any great distance began to close in. Only the muffled tolling of the bell buoy in the distance gave us landlubbers an inkling of our position. We caught a glimpse of a larger boat making its way thru the fog. "We will follow that boat in," Bill said, when we discovered the morning had slipped away and it was long past lunch time. All agreed that the cruise had been fun and we would like to do some fishing the next day.

It's a Great Sport

"Deep-sea fishing is the greatest of sports," the opinion was expressed on every hand. Many parties go out from Ogunquit, Kennebecport and Cape Porpoise to fish for the giant tuna, which are caught off the coast. It is the custom for parties of 15 or more to charter a boat, equipped with special fishing tackle. However, none of our party considered himself in the class with the rich sportsman who charters a yacht to go deep-sea fishing. Our fishing was done in Bill Henson's small outboard motor boat.

The day dawned clear, with a brisk wind blowing from the east. Most of the morning was spent in preparation. There was fishing tackle to buy. The men thought it necessary to rig themselves out in hats, such as fishermen wear, so there could be no mistake as to their identity. Many people offered advice: You must have certain kinds of bait to catch different kinds of fish; you should not go out in a small boat; fish will not bite when the tide is going out; you do not need a license to fish in salt water, and so on.

It was after lunch that we met Bill at the landing at Cape Porpoise. Grace emphatically refused to join us on the fishing trip. It wasn't long until we knew the reason. Where the ocean had been smooth the day before, this day, a vast expanse of churning, turbulent

water greeted us as we made for the open sea thru the harbor entrance. The oncoming waves, which were 3 feet high, smacked the bottom of the boat with a resounding whack, as we plowed along. Bill suggested that the heaviest member of the party sit in the bow to balance the weight and hold the end down.

Unpleasant thoughts began to race thru my mind. "Why had I ever let myself get caught in such a predicament. Here I am out in the briny deep, a good mile from the shore, in this little boat and I can't swim a stroke! What if we upset? What if the motor stalls?" I thought of all the stories of unfortunate shipwrecked people who had lived for days in small boats, such as we were in, in storms when the waves were as high as mountains.

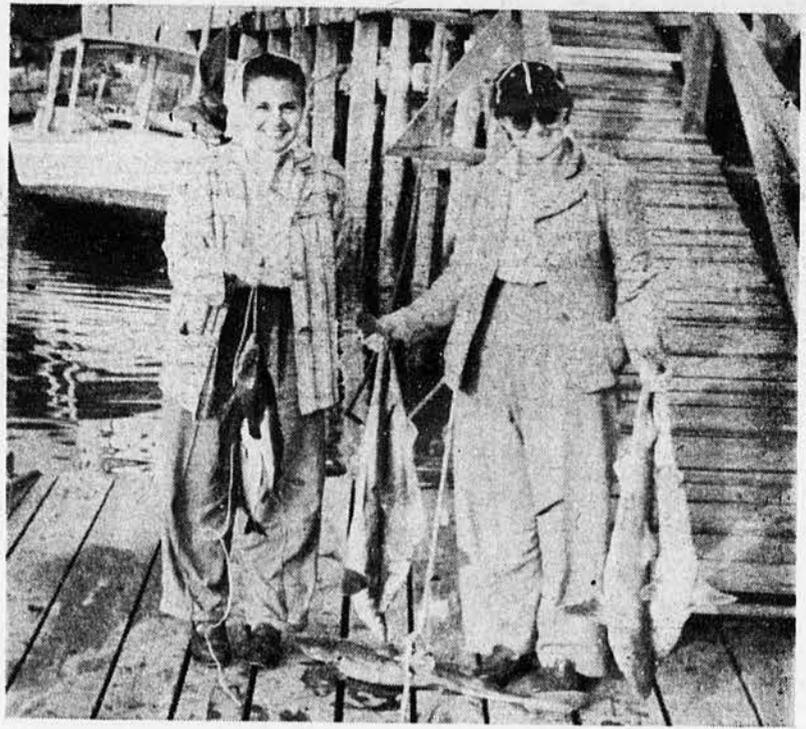
There were butterflies in my stomach. Why did I eat that rich ice-cream sundae with that marshmallow nut topping for dessert? I could only hope the ice cream and the rest of the lunch stayed where they belonged. "If I drown, I hope it will be quick."

The man in the bow, who sat facing me, was frequently splashed when a big wave hit the boat, but he always came up grinning. "Why are you so quiet? (I had not opened my mouth for quite a spell, which as everyone knows is unusual.) You aren't afraid are you? Isn't this fun?" It wasn't fun at that moment and I was scared stiff. But I was determined no one would know.

The young skipper handled his boat like a veteran. I began to feel that he was equal to any occasion. "This young man is no show-off. He almost lives in this boat. He is out every day in all kinds of weather. I guess there is really nothing to be afraid of," I reasoned.

Where to Find Fish

Bill kept his eye on the small mackerel gulls, watching where they darted down to the surface of the water. "Where there are gulls there are fish," he explained. The anchor was dropped overboard. Every one began baiting hooks. "How in the Sam Hill can a person fish when the boat is going thru a series of gymnastics like the actions of a bucking broncho, a teeter-totter and a roller coaster all combined in one?" I thought. Torn between the fear of a



Here Mrs. Tebben, at left, holds the string of pollack and cunner which she caught. Mrs. Williams, at right, holds part of the dogfish—they caused the most excitement, but are worthless as food.

watery grave, and that of being seasick, I gritted my teeth, braced my feet and decided that I would fish if I died in the attempt.

Not by any stretch of the imagination can I be called a fisherman. Yet, altho the boat shimmied, rocked and rolled, I began to get the "fever." Bill pulled in the first fish, a nice pollack, a fish resembling the cod. Before long there were several cunners, a fish that is like a perch, in the boat. The dogfish provided the most excitement. They are a long, slender fish, white underneath and a tanish gray on top, of the same species as the shark. More than once they tangled and broke the lines and were landed only after a battle. Those we caught weighed around 10 pounds, but only that morning Bill had caught one that weighed 20 pounds. "These fish look like young sharks, why are they called dogfish?" someone asked. Bill did not know, "Unless it is because they make a noise like 'oouf, oouf' sometimes."

The fishing grew sluggish. "Time to pull up anchor and move," Bill said. However, the anchor resisted attempts

to bring it up. Bill calmly started the motor, ran the boat in a circle, first one way, then reversed and ran in the opposite direction until the anchor was dislodged and was pulled up. "What would you have done if the anchor had not come loose?" we asked. "Well, I would hate to cut the anchor loose, for it cost \$1 a pound and weighs 30 pounds. I guess I would have found the nearest lobster float and tied the anchor rope to that. Then when the lobster fisherman visited his traps, the hoist on his boat would have helped bring up the anchor," Bill explained.

We did not drop anchor again but caught hold of a lobster float with the gaff. At other times we drifted. A great bell buoy near the harbor entrance rang and clanged continually with the motion of the waves, but the doleful sound gave one an idea of his bearings.

Bill suggested that it might be fun to try for flounders which sometimes are caught in a shallow, quiet stretch of water between two islands. Our bait supply was getting low, hence we landed on one of the islands to get some clams. These were found in a shallow pool left by the tide. The shells were broken by pounding them with a rock and the tough little mussel makes good bait.

A Very Tedious Job

A deserted house with windows boarded up, stands on this lonely rocky island. Blooming in great profusion among the rocks were many wild roses. The blooms were a deep pink and very fragrant. We were amazed at the rose hips which were the size of small tomatoes. The island was covered with bayberry bushes. The small, waxy berries are used to make bayberry candles. We decided it would be a very tedious task to pick enough berries to make a candle.

A few small boats in the vicinity were catching cunner and pollack, but the flounders were a minus quantity. Later, while fishing in the vicinity of the lighthouse, one of our party was successful in landing a new species of fish; a horrible looking creature, all mouth and bony fins, a "sculpin," which is worthless and of no food value. It was near the lighthouse that we caught sight of a seal diving and sporting in the water.

Reluctantly we bade our skipper turn his boat toward the pier, as the sun began to drop toward the western horizon. The return trip was smoother and we noted the many floats that mark the location of the lobster traps. We had expressed a desire to see how the lobster fishing was done, when we were fortunate to come upon a lobster man visiting his traps. He obligingly raised the trap to the surface that we might see. He had taken several lobsters from the trap a few minutes before.

We unloaded our string of fish at the dock. The dogfish made a fine picture, but altho we hate to confess, they are worthless for food. Their bodies contain an acid which makes them worthless for fertilizer. They also destroy edible fish, so are despised and discarded. After discarding the dogfish there remained a nice string of edible fish, which formed the piece de resistance for four hungry fishermen.

For the Small Family



The rear turkey quarter roasted to a turn with crisp, golden skin and enough breast and dark meat to satisfy all.

Farm Matters

AS I SEE THEM

PREDICTING what the next (Eighty-first) Congress will do, or not do, may turn out as unprofitable as predicting the results of the recent national election. So I have no intention of making any predictions.

Actually, the pattern of Government-Agriculture relations may not be very much changed before 1950, or even later.

Barring another war in that time, the American farmer can look forward to seeing foreign markets for his products noticeably diminished within another year.

This Government's military-preparedness program will include exports of billions of dollars worth of war materials. But the exports will be largely of industrial goods. Effect of this program inside the United States will be to continue and expand the existing inflationary forces.

Keeping 2 million men or more in the armed services means roughly at least one million men kept out of the working force of the nation. The armament program will draw perhaps that many more from industries engaged in producing for civilian use. That means full employment—and everyone seems prepared to accept the idea there will be a "fourth round" of wage increases before next summer. Full employment at higher wages should provide continuing good domestic market for foodstuffs.

But it is not only manpower that will be withdrawn from production for peaceful purposes. There will be, there already are, heavy withdrawals of materials from production for peaceful purposes. This particularly is true of metals, especially steel. And that means high prices for things manufactured from metals for peace purposes.

The trend of the past months, of prices of farm commodities dropping considerably faster than the prices of things they buy, promises to continue. Production costs promise to go up as farm prices continue to drop. Government price supports definitely are coming into the picture. At what level after 1949 is going to become increasingly important.

This definitely still is a good time to pay off debts. Despite the drops in farm prices, this has been a good year for farmers; particularly for Kansas farmers. A near-record wheat crop; a better than good corn crop; plenty of forage; and prices that spell profits for most farmers, indicate Kansas farm income for 1948 will be relatively high.

However, taxes are going up, and are going up still more—federal, state and local. So are freight rates. And it is my understanding that farm commodities will be included at the same rate of increase as other commodities in the next round of freight-rate increases.

Even at present prices, lower than at their peak last winter, it looks as if it will take fewer bushels of wheat to pay off debts now than it probably will 2 years from now, the way things are going. That is why I am suggesting that if you can pay off some of the debt remaining against your farm property at this time, better consider doing it.

Another thing I do not believe most folks have come to realize fully is that the United States is going—already has gone in fact—into a war economy. A war economy means more and more Government controls; more and more Federal expenditures; more and more Federal taxes.

Emphasis in the struggle for world power between the United States and Russia has shifted from Berlin to China. And we cannot airlift supplies to China as we have been doing to Berlin.

I don't see any reason for trying to dodge the reality that our Government has got to reach a decision soon about what to do in the Far East—whether to pull out and let events take their course there, or decide to move into China in a big way. And let me tell you, moving into China in a big way really means in a big way.

President Truman and his Eighty-first Congress face some huge tasks in the coming months.

They Stop Farm Accidents

I WANT to congratulate the winners in the 1948 Kansas Farm Safety Contest for the fine work they are doing. A few days ago, I had the pleasure of entertaining them at a luncheon while in Topeka. And I want to tell you these young men and young ladies are among the finest in the land.

As I have told you before, this contest is conducted each year among 4-H Club members in every county in Kansas. It is sponsored by the Farm Safety Committee of the State Safety Council, and J. C. Mohler is chairman of the farm committee, as well as being secretary of the Kansas State Board of Agriculture.

Mr. Mohler tells me that since this contest has been under way—this is its eleventh year—farm accidents, and accidents to farm people have been reduced. Isn't that a fine thing to be able to say! Because of this contest, because of the fine work 4-H Club members have been doing thruout Kansas, fewer people have been injured doing farm work. Think of it! Perhaps something one of these club members did by way of preventing an accident actually saved a life. No greater reward for effort could be imagined than the knowledge that you had saved someone's life.

Farm safety work isn't confined to club members, either. These young folks have been making so many community talks and demonstrations that most farm folks and their counties are accident conscious. They have put so many safety practices into operation that their communities now are safer places to live.

I wish to encourage this fine work all I can. To help along, I am glad to give a gold watch each year to the boy winner and to the girl winner in this farm safety campaign. These are the individual state safety champions for the year. I am very proud of this year's winners. They are Wanda Stalcup, of Stafford county, for the girls, and Arden Krohn, of Republic county, for the boys.

I want to tell you a little something about them. Wanda Stalcup, 14 years old, is a member of the Corn Valley Club of Stafford county, and has been a 4-H Club member 4 years. Some safety-promotion measures taken by Wanda as part of her contest activity included: A safety radio program from Great Bend, a driving school for all members of the club old enough to drive, a club tour which featured a collection of drinking-water samples from wells, these samples being tested for purity. Wanda helped make first-aid kits for each family to carry in their cars. She gave demonstrations on

safety at club and county events, and team demonstrations with her sister. That is just a sample of the fine work 4-H Club folks are doing.

Let's see about Arden Krohn. He is 15 years old, has been a member of the Lincoln Hustlers 4-H Club of Republic county 5 years, and has been enrolled in the safety activity for 3 years. Arden became interested in safety when he gave a demonstration in his 4-H Club on safe driving.

Further than that, some of his activities have included: Plowing fire guards around all stubble fields as soon as the grain was harvested, obtaining and building a guard on lightning rods, moving the gasoline storage tanks away from farm buildings, examining the chimneys and replacing all loose mortar with new, pulling nails from all boards, picking up loose nails, wire and glass; cutting shrubbery and low branches to clear a bad corner of a public road, and giving many talks and demonstrations at 4-H and other public meetings. Arden helped prepare and set up a store window display in Belleville on health and safety. He certainly has made a fine record.

Now, I want to add a word here about another safety winner. She is Doris E. Hahn, of Ford county, who among individuals is "winner emeritus" in this year's safety contest. She actually had the highest individual score, but since she won first place and the watch last year, she was not eligible to receive another watch this year. She is another wonderful Kansas farm girl, has been in club work 6 years, safety leader 3 years, and has earned many high honors. In a letter she wrote, "I find safety very interesting and inspiring, and feel as a club, we have helped our community."

Each year, also, a champion farm safety club is selected because of outstanding work. Coached by Paul B. Gwin, obviously one of the outstanding county agents in the entire United States, the Blueline 4-H Club of Geary county wins this top spot. Just as an indication of the kind of folks in the Blueline 4-H Club, let me tell you that the club leaders are Dan Zumbrunn, the 1944 Kansas State Safety Champion, and Mrs. L. W. Manz. And their safety chairman is Norman Manz, the 1946 Kansas State Safety Champion, and also the National Safety Champion that same year. With a combination like that it is no wonder this club established an outstanding record.

Blueline held special safety meetings to which every farm family in the entire community was invited; fixed up window displays in stores, calling attention to some of the more-common causes of accidents and how to prevent them; gave 15-minute radio programs over KSC and WIBW; had a safety booth at the county 4-H show; held safety tours to see where accident hazards had been eliminated; each member used a check sheet to locate all possible safety hazards in the home and about the farm. What they accomplished is a story of almost complete community co-operation. They did everything from painting the basement steps to following safe practices with livestock.

I think this is one of the most valuable projects any group or community could sponsor. And all who took part are champions of safety even if everyone couldn't win first place.

Arthur Capper

Washington, D. C.

Farmers, Labor Rate High at White House

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Whodunnit? Principally a man named Harry S. Truman. Credit for assists should go to Thomas E. Dewey, of New York, and Earl Warren, of California. Nor should Harold E. Stassen be neglected. Stassen's "anti-farm support" interview helped President Truman materially in the farm sections, just as the (perhaps Stassen inspired) switch of Senator Joe Ball, of Minnesota, to the late F. D. R. in 1944 hurt Dewey in 1944. Dewey now definitely is out as a national figure; he no longer is in the way of Harold Stassen.

President Truman got the labor vote, but principally as it coincided with the labor campaign to "get" members of

Congress who voted for the Taft-Hartley Act. And Dewey did not get the farm vote he was expected to receive, and which he did get, largely, in 1944.

In any election that was as close in as many states as it was in this year of 1948, almost any one factor could be said to be decisive. Without labor support, President Truman could have been elected. Without the farm vote he got, Truman could not have defeated Dewey. But it was Truman's own dogged, last-ditch—when it looked to his own friends as if Harry was in the

ditch and it had caved in on him—fight that sent him back to the White House in his own right.

Labor leaders and farm leaders are expected to have more standing than business leaders at the White House, and presumably also with the Eighty-first Congress, at least during the Truman honeymoon with Capitol Hill. Judging by the Truman campaign speeches, and by the campaign results, it is not a major crime to be a business man. But conducting a business at a

profit may be taken as a sign of criminal intent.

Labor expects, and is going to demand, what President Truman promised—repeal of the Taft-Hartley Act. Odds are it will not be repealed in so many words. But the amendments adopted will make it look more like an extension of the Wagner Act to guarantee labor's right to govern, or at least to regulate, and perhaps to control, management.

Farmers expect, and will get, continued Government price supports, soil-conservation payments, and preferred status for farmer (and also con-
(Continued on Page 26)



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The Cover Picture



J. O. Burrows, left, Franklin county war veteran, talks over farm problems with C. S. Shannon, one of his instructors in the Veterans' Institutional On-the-Farm training program.

THERE is only one way to handle a small acreage upland farm that has been cropped out, believes J. O. Burrows, a Franklin county war veteran, getting his start under the Institutional On-the-Farm Training Program.

He has only 80 acres on his home place but rents another 96 acres. He was in the air force during the war and took over his present farm in February, 1946. The soil is thin and rocky, not very productive for grain.

"I have decided to seed down the entire farm to permanent grasses and legumes," says Mr. Burrows. He has 35 acres of native pasture and 10 acres of meadow. Most of the remaining land is being seeded down to alfalfa, broom and red clover.

Rented land will be used for grain production. This year Mr. Burrows had 40 acres of corn, 10 acres of milo, 34 acres of oats and 14½ acres of soybeans. Soybeans are the only cash grain crop grown. All other grain and feed will be fed on the farm.

Has Eye on Grade-A

To best utilize his grass and legumes, he is building up a dairy herd as his major livestock project. He is milking 9 head now and has 6 heifers coming on. He plans to work the herd up in size until he is milking 20 cows. He then will go to grade-A production.

Mr. Burrows' secondary livestock project will be hogs. He has 4 sows now and 13 fattening hogs. A poultry project of 200 hens has been carried, with eggs being sold to a hatchery, but because of disease in the flock this year, that project has been postponed.

Next year he will build a new poultry house and move all poultry to clean ground for a fresh start.

Like other veterans taking On-the-Farm training, Mr. Burrows attends veterans' training classes each week. He drives into Ottawa each Monday and Tuesday evenings for classes, which include lectures and recitations on all phases of farming, combined with educational pictures. These classes include such subjects as feeds, poultry, cattle selection, farm planning or management, soil conservation, crop rotations,

cultivation practices, market grades of grain and farm storage.

On Thursday nights he attends a class on milk testing. The Ottawa training program has a self-testing plan for class members who have dairy cattle. Mr. Burrows takes in his samples and does his own testing. To date, every one of his cows has been producing more than a pound of butterfat a day, he reports. Other Thursday night classes which he can attend include soil testing and machinery repair.

Special classes on farm wiring and welding are held on Friday nights and veterans have their choice of these 2. Mr. Burrows is taking welding. In order to qualify for the training and subsistence payments under the veterans' program, each student must attend the Monday and Tuesday night classes and one night a month of the 2 special Friday night classes.

Study Special Projects

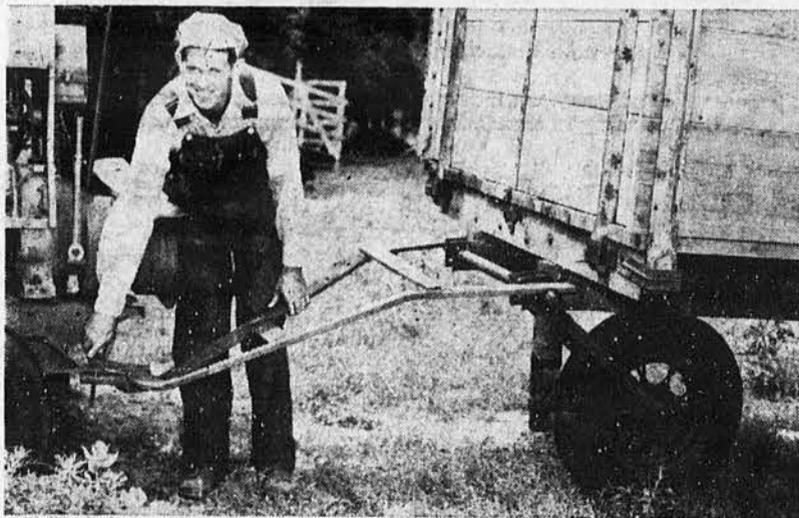
Instructors in veterans' training must visit each student twice a month for 2 hours of instruction and help. Another 4 hours a month must be spent with the entire group of students for on-the-farm instruction. This is done by tours of individual farms, where special demonstrations are given.

Mr. Burrows is well pleased with the help he is getting from the on-the-farm training. With the help of his instructors, he has worked out his balanced-farming program and is well on his way. He must keep accurate records to qualify and is doing that. Mrs. Burrows is president of the G. I. Janes, an organization of wives and mothers of veterans taking the training.

"We are taking courses offered by the home demonstration agent in Franklin county," says Mrs. Burrows, "and eventually hope to affiliate with the various home demonstration units in the county. Some of us already belong."

Editor's Note: This is the first of a series of articles on the progress being made by World War II veterans learning to farm under the Veterans' Institutional On-the-Farm Training Program.

Handles Chopped Hay



Luther Shetlar, Sumner county, built this special 3-wheel trailer for handling his chopped hay crop. The third wheel takes the weight off the tongue and makes the trailer easier to back than a 4-wheel type, says Mr. Shetlar. The trailer is equipped with a false endgate and a windlass at the back. A special transmission and gear mounted on the blower unloads the trailer.



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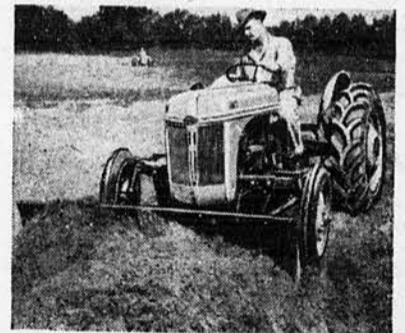
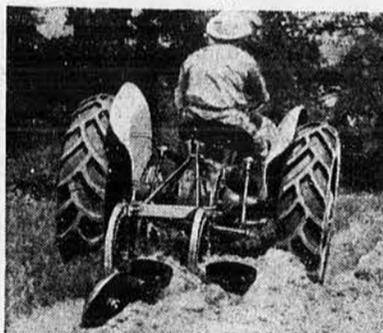
FARM EQUIPMENT

See Your Dealer

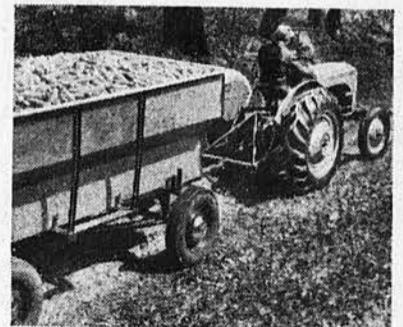
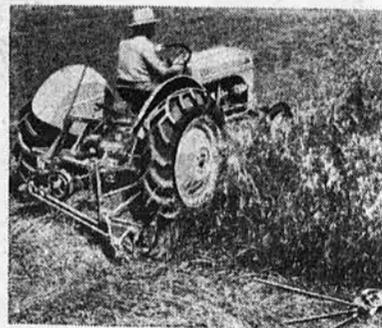
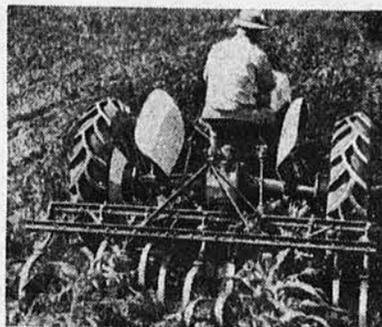
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"Dad" Weber First American Steer Judge at International

By NORVILLE GISH

IF THE livestock business had a hall of fame, the doors would swing wide this month for a native Kansan who has reached the peak of success in his profession. Dr. A. D. "Dad" Weber, head of the animal husbandry department at Kansas State College, becomes the first American to judge the steer classes at Chicago's famed International Live Stock Exposition.

Long a favorite of Kansas beef showmen, and cattlemen across the nation, "Dad" Weber was selected for the honor by the International's board of directors after 48 years of entrusting the steer placings to foreign judges.

Since the first International Live Stock Exposition in 1900, 13 steer judges have been from England, 20 from Scotland, 5 from Canada, 3 from Argentina, and one from Ireland.

In 1945, Doctor Weber judged steer classes at the Chicago Fat Stock Show—wartime substitute for the International—where his work was highly regarded by exhibitors. His performance there and his rise in popularity among America's stockmen earned him the prize assignment of 1948. This year's show, the 49th edition of the International, will be in Chicago's Union Stock Yards, November 27 to December 4.

Modest, quiet and unassuming, "Dad" Weber regards his climb to the top of the judging ladder as a combination of luck, coincidence and assistance from friends and fellow workers. Both popular and capable, Doctor Weber has gained the respect and confidence of beef cattle exhibitors because of his knowledge, experience and integrity.

His Decisions O. K.

Those who know "Dad" Weber well are generous in their praise. If you ask them they'll describe his unquestioned honesty and his conscientious attention to duty. They'll mention his kindness and sympathetic understanding for the 4-H youth whose animals he judges. Exhibitors will tell you that, win or lose, they are willing to accept his decisions in the show ring as fair and just.

Doctor Weber will begin his work at the International with the judging of the junior livestock feeding contest on opening day. During the course of the exposition, he will judge all of the individual fat cattle. He will conclude his work with the top assignment of his career. The selection of the grand champion steer, show animal of the week.

Weber's story is fairly simple. Hard work gave him his start and ability and initiative kept him moving up the ladder.

As a boy, his dreams were not connected with livestock at all. He always had liked to write and thought he would become a journalist some day.

Born at Muscotah, Kan., in 1898, Arthur Weber grew up much like any other farm boy.

After graduation from the Atchison county high school at Effingham, the problem of college came up. The decision to enter Kansas State College to study animal husbandry was not entirely his own. Doctor Weber says he owes a great deal to his uncle Robert Russell, a purebred Shorthorn breeder, who convinced him that livestock farming was the place for him.

It wasn't until he took his first course in livestock judging at college that Arthur Weber really became interested in that profession. His first instructor was Prof. "Andy" Paterson, who now is secretary of the American Royal in Kansas City, Mo.

Won the Top Place

As a senior, Art Weber was a regular member of the Kansas State College livestock judging team. That 1921 Kansas State team ranked high in intercollegiate competition at the major shows over the country. Arthur Weber ranked even higher, for he was first in the nation among student judges.

After dropping the classwork routine for a year to become beef cattle herdsman for the college, Weber was graduated in 1922. His first job was manager of a farm raising Poland-China hogs and Hereford cattle.

Two years after graduation he was back in school. While working towards his master's degree, he was named to the faculty as instructor in animal hus-



Dr. A. D. Weber, head of the animal husbandry department at Kansas State College, has been named as the first American steer judge for the International Live Stock Exposition. Doctor Weber is a native Kansan.

bandry on Kansas State College staff.

From 1926 to 1931 he served on the University of Nebraska faculty as a professor of animal husbandry. His ability proved and his fame increasing, he returned to Kansas State to take over the work there in beef cattle investigations. Further graduate study at Purdue University and Wyoming University qualified him as a doctor of philosophy. His accomplishments earned him a promotion to head of the department of animal husbandry at Kansas State in 1940.

But scholastic accomplishments were not the limits of his activities. His reputation and popularity as a judge of beef cattle were increasing wherever he went.

Recent rumors have connected Doctor Weber with offers of the presidency of more than one college. In addition he has received commercial offers of higher salaries. But these have failed to entice him away from his post at Kansas State. He has declined, saying he prefers to continue his judging activities and his work as an educator.

Altho not overly sentimental, "Dad" remembers with pride his first invitation to judge at what he calls his home-town fair. It was the tri-county fair at Horton.

"I felt pretty good when the home folks overlooked my peculiarities and asked me to judge at their fair," he says.

No judging assignment until his recent selection for the International Live Stock Exposition has meant more to him than the Horton fair, he asserts.

Doctor Weber claims no secret success formula. His plan, he says, con-

sists merely of concentration and attention to detail.

A judge must develop a system of his own, he explains. At the major shows judges are under terrific physical and mental strain. Therefore, argues Doctor Weber, the effort expended in looking over the class of animals must be held to a minimum. A systematic approach is the best way to insure reasonable success.

"One thing a judge must learn at the very beginning," he claims, "is to be flexible in his approach." No 2 animals are exactly alike and each must be carefully considered if the judge is to do an honest job of selecting a champion.

His success in applying this formula already has been demonstrated by Doctor Weber. His rise to fame and his continued popularity among the men who count prove his methods are sound. His place on the top rung of the judging ladder is secure. He has earned it and cattlemen are glad to see him there.

Weather

And What Is Done About It

By A. D. ROBB, Meteorologist

IT IS reported a sage once said that men did nothing but talk about the weather. Perhaps in time past that was true. But of late certainly much has been done about the weather, and more is in prospect.

Most of these efforts have been directed toward mitigation of the effects of extreme weather conditions. For example, houses are built of better materials, new heating devices and methods are in use, and we insulate or air-condition everything from large office buildings to station wagons. Drouths have provoked or inspired farmers to build ponds and dams for irrigation. Drouths and heavy rains have both been incentives for terracing farms, one requiring the retention of moisture in the soil and the other the elimination of excess rain with as little soil erosion as possible.

Clothing now ranges from "cool" fabrics to electrically heated suits. Plants are bred to withstand adverse weather conditions or to make better than ordinary use of suitable climates. The industrial and commercial activities relative to either the utilization or mitigation of the effects of extreme weather conditions add up to a very great demonstration that men are doing more than talking about the weather.

With about 60 years of state-wide records available in Kansas, many commercial and agricultural practices are governed by known weather conditions, generally limited to averages and extremes, which are readily available. Such means and extremes have been widely used, but they tell only a small part of the story. Frequency studies are necessary for the proper determination of many of today's industrial or agricultural projects.

Engineers find it valuable to know how often heavy rains of 5 inches or

Need Any of These?

The following U. S. D. A. publications are available, altho the supply in some instances is limited:

- L56—Preventing Cracks in New Wood Floors.
- L92—Preparing Wool for Market.
- L213—Sour Cream: How to Prepare and Use It At Home.
- L220—Storage of Vegetable Seeds.
- FB849—Capons and Caponizing.
- FB1865—Closets and Storage Space.
- FB1908—Meat for Thrifty Meals.

Please address Farm Service Editor, Kansas Farmer, Topeka. These bulletins are free as long as the supply lasts. Please order by number.

more fall within 24 hours for their guidance in construction of farm ponds, culverts and ditches. Definite information about the possible length of wet spells or the maximum number of days without rain, the number of consecutive days with afternoon temperatures above 100 degrees, or mornings below freezing, or zero is greatly needed by designers and businesses for the more efficient operation of their enterprises. The manual labor necessary to compile such statistics is enormous and oftentimes the end does not justify the expense. But as Dr. Isaih Bowman, president of the American Association for the Advancement of Science, 1932, has said, "Facts more valuable than all the gold of the Klondike lie buried in the Weather Bureau's climatological records." These "frozen assets" should be discovered and made available to those who have need for them.

Machines Figure the Results

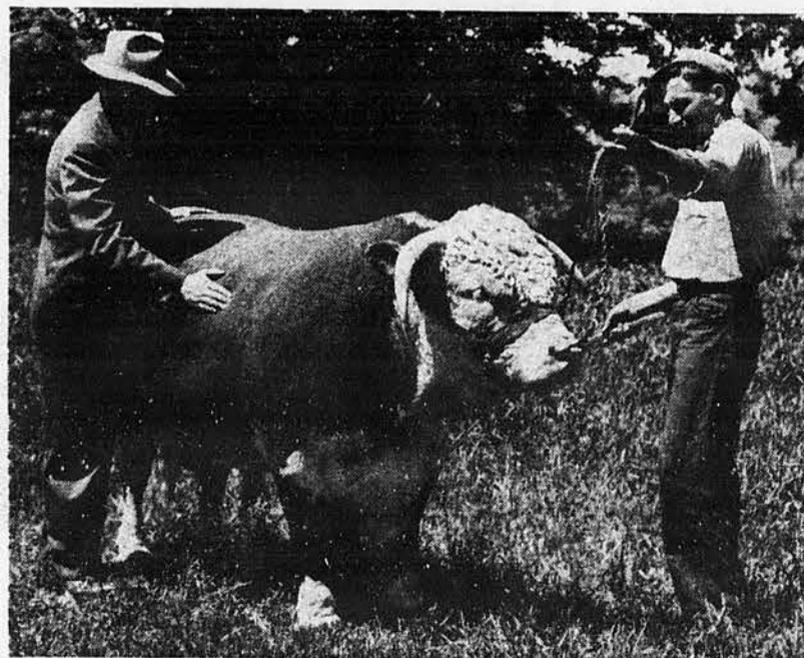
To remove the drudgery and prohibitive cost from such statistical determinations, the Weather Bureau has procured a number of punched card machines and set up centers for processing the climatological observations made at more than 5,000 co-operative stations over the United States. This processing may be described as follows: The daily maximum and minimum temperatures, precipitation, and snowfall are recorded on prescribed forms by the observers and at the close of the month the record is furnished the machine-processing center, where the data are recorded by means of holes punched in appropriate spaces on cards, which are especially prepared for use on the various machines. After the cards are punched, they can be run thru the "sorter," "tabulator," or "collator" at a very rapid rate for whatever determinations are desired, and finally the data are automatically typewritten for the user. It was thru the use of these machines that the military authorities provided their needed climatology during the war.

It is realized that this change from handcraft methods to mass production has certain disadvantages but, as in industry, assembly-line production has made many items possible that would have been far beyond reach of most of us if only hand work were employed. By the introduction of these punched card machines the Weather Bureau has modernized its climatological service and more time will be available to officials for research and interpretation of data and for presenting the facts to the public.

The Weather Records Processing Center for this area is at Kansas City, Mo., and serves the states of Wyoming, Colorado, South Dakota, Nebraska, Iowa, Missouri and Kansas. The first records to be processed from Kansas stations were those for August, 1948.

No longer is weather merely a conversational topic but is becoming a very usable item as the facts about weather become known. Agriculture, business, and industry all can profit by the "gold" buried in the records.

Note: Another article about weather, written by Mr. Robb, will appear in an early issue of Kansas Farmer.—R. H. G.



A champion Hereford bull, owned by the CK Ranch, Brookville, is appraised by the practiced eye of Dr. A. D. "Dad" Weber, one of America's foremost beef cattle authorities. Holding the animal is George Crenshaw, beef cattle herdsman at Kansas State College. The bull, CK Baca Royal, was lent to the college for a time by John Vanier, owner of the CK Ranch. Mr. Vanier paid \$13,500 for the bull.

Why Purple Champions?

Do you know why purple is used to designate the champions, or for other high honors?

We didn't either. But the Flint Hills Hereford Association News gives the answer. The reason, says the News, is that the color was first obtained from tiny snails near the island of Tyro, and was very expensive, since it took so many of the snails to produce a small amount of color. The price, during the early days, was said to be about \$150 an ounce.

Because it cost so much, purple could be used only by the very rich. A purple robe or blanket was a mark of wealth. "Born to the purple," meaning born into a purple blanket, was a common expression to designate a baby born to wealthy parents.

Now, some 5,000 years later, we still use such phrases as "bred in the purple," and "won the purple honors."

Sure of Feed

"I want to be in a position so it will be unnecessary to sacrifice my cattle because of feed shortages." That is why Charles Durham, Wichita county, is getting set to grow livestock feed on irrigated ground. If he can depend on feed being available, he will not need to sell stock before it is ready for the market.

Mr. Durham is chairman of the board of supervisors for the Wichita county soil-conservation district. He has leveled a 40-acre tract and has a well that will deliver about 1,000 gallons of water a minute.

Paul Harbison, Wichita county conservationist, reports nearly 90 per cent of the SCS applications in the county now include some irrigation work. Altho it is quite new in the county, the potential of irrigated land is quite large. And farmers are interested largely in guaranteeing winter feed supplies for their cattle.

Field Came Back

A 30-acre field that had not produced a decent crop for 6 years prior to 1946, even under favorable moisture conditions, produced a good wheat crop this year for Richard Sigle, of Osborne county.

"A combination of things has made the land productive again," Sigle said. "Use of sweet clover, seeded in the spring of 1946, for green manure, and terracing and contour farming for moisture conservation were important."

The land, he explained, was badly eroded. The soil was thin, dense and hard to work. Gullies were plowed shut after the terraces were built, so the whole field could be contour farmed.

Due to the big boost from use of sweet clover, Mr. Sigle says: "I'll plant a hundred acres of clover in my crop rotation next spring. The results I got on the poorest land leads me to believe I'll do at least as well as on the other land."

Doubles His Terraces

A new angle on moisture conservation is being tried on the Harold Mulville farm, Lane county. He has terraced a 160-acre tract to hold the water in place and will farm it on the contour. But in place of regulation terraces with the usual spacing, he has put in twice the usual number and made them only half as high.

Except for one small rise in the field, the average slope on the quarter section is only about 1 per cent. Erosion was no problem on this field because of its flatness. His only concern is to hold the moisture he gets. With the additional terraces he expects to be able to hold more moisture and get better distribution over the field. At the same time he will be able to cross the terraces easily with his combine.

Working with him on the experiment is Silas Stone, Lane county conservationist.

Irrigate in Winter

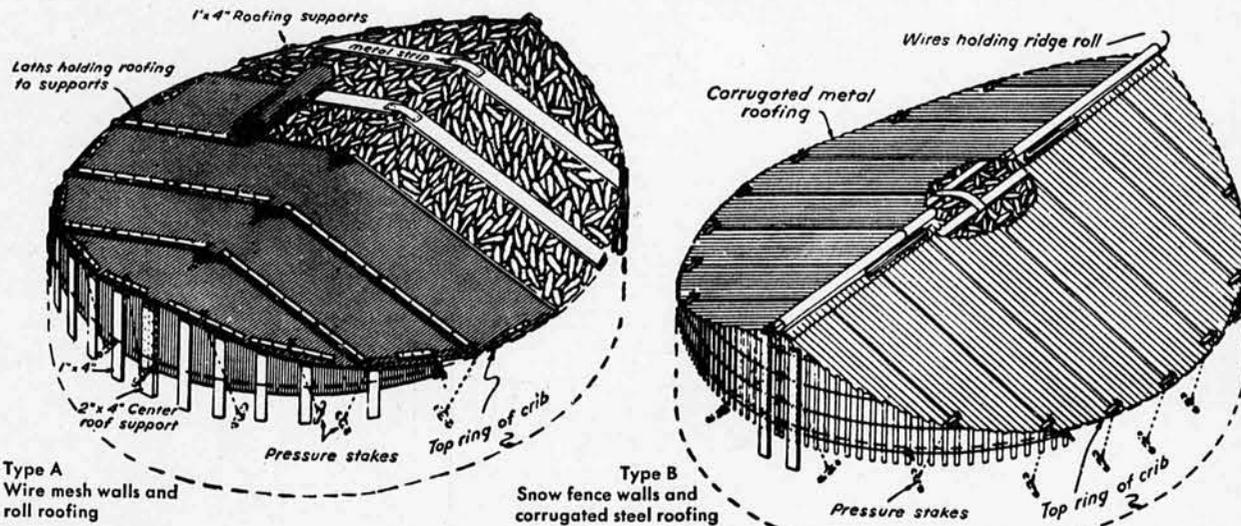
Where it is possible, winter irrigation is a worthwhile practice, states Walter E. Selby, Kansas State College extension engineer.

"Excellent crops of sorghums have been grown and matured at the Garden City experiment station without additional water on land having 12 to 18 inches of water applied during fall and winter," says Mr. Selby.

"Winter irrigation of alfalfa has produced from one to 2 crops of hay before it was necessary to start irrigating."

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FARM SERVICE
BULLETIN



TEMPORARY CORN CRIBS. To provide storage space for the record-smashing 1948 corn crop the USDA offers complete designs for temporary corn cribs. Above: two methods of constructing corn cribs (1) wire mesh walls

and roll roofing and (2) snow fence with corrugated steel roofing.

Water-proof roof and moisture-proof floor plans are included in the complete designs obtainable from your County Agent.



"PM" FOR FARM EQUIPMENT

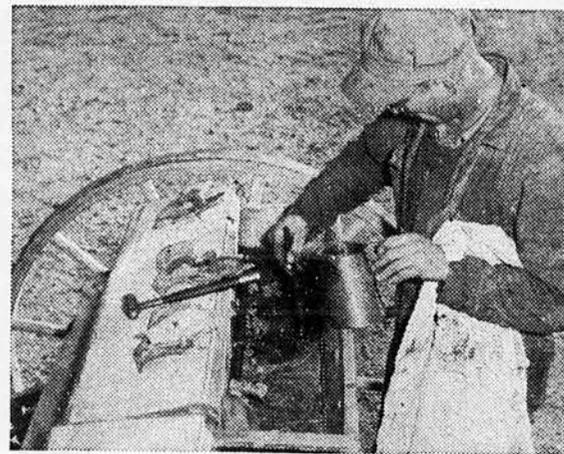
Preventive maintenance now is "breakdown" insurance for next year. The United States Department of Agriculture recommends particularly oiling and greasing, bolt tightening, and proper machinery adjustment.

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Prolong the life, get smoother, more powerful performance from your gasoline-powered equipment with Cities Service premium motor oils. Buy from your Cities Service farm representative or your dealer in town.

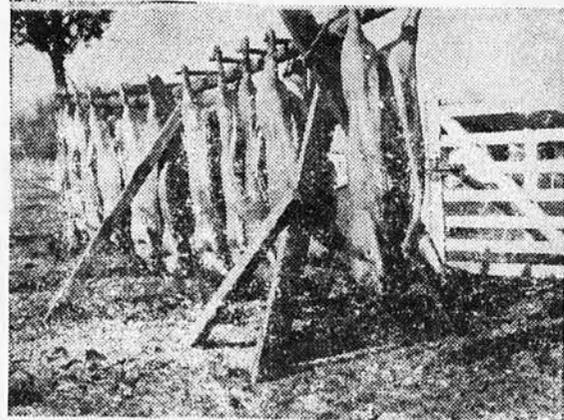
LATE NEWS ON BUTCHERING

The USDA recommends that freshly slaughtered pork carcasses be chilled to 34-40 degrees within 48 hours, then kept at about 38 degrees during curing. Write for slaughtering and freezer locker storage hints.



RUST REMOVER & ANTI-CORRODES

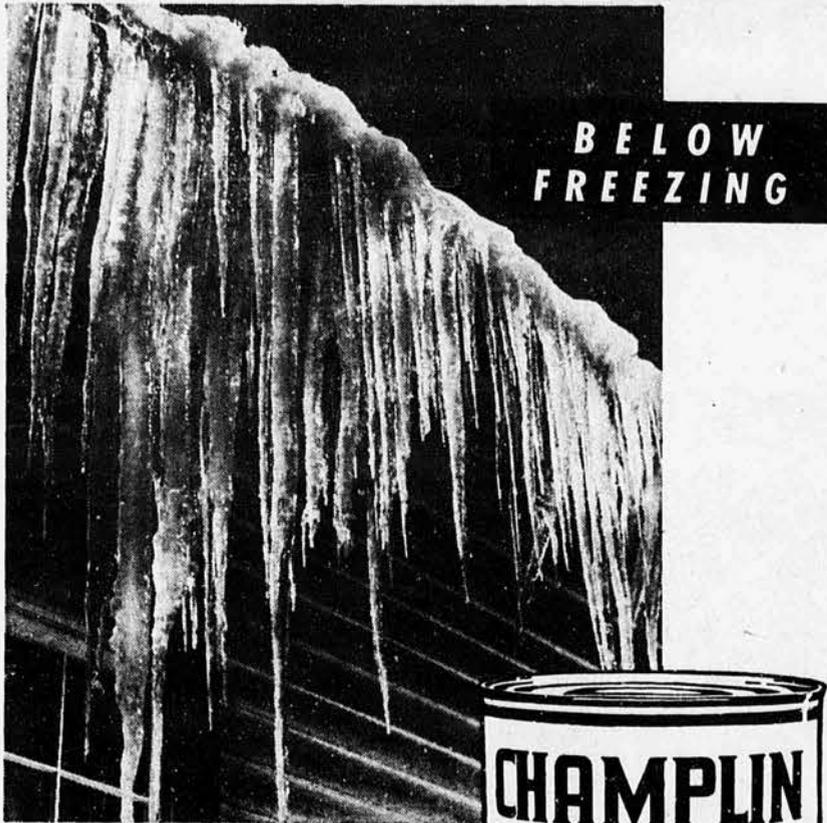
Clean up idle farm equipment now. A remarkable new Cities Service solution called Rust Remover brings speedy results. Then apply Cities Service Anti-Corrode to protect against future rust damage. See your Cities Service farm representative.



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Huge Meats and Wool Show
International Grain and Hay Show
National 4-H Club Congress

Thanks for Your Letters

ARMIN SAMUELSON wishes to thank all who sent him letters and post cards stating how much they enjoyed his letters from Europe that were printed in Kansas Farmer. He will try to answer each one personally, but in the meantime he wants to do it this way. "Thanks to everyone," he says, "who was interested in my experiences overseas." He will have another article in Kansas Farmer soon.

Here are a few lines from several of the letters Armin received at the Kansas Farmer office:

Dear Mr. Gilkeson: To say we enjoyed Armin Samuelson's letters (from Europe) would be putting it mildly. It is first-hand history of the "New World History." Every one should be interested and clip for children's school work. Thank you for the privilege of reading his letters. — Fred H. Davis family, Neodesha.

Dear Armin: Mrs. Shoberg and I have been reading your letters to Mr. Gilkeson and we really have enjoyed them very much. — Mr. and Mrs. A. W. Shoberg, Lawrence.

Samuelson has the rare ability of writing about his trip so we stay-at-homes can see it, too. Wish he would write his opinion of the people he met. Is their attitude "revenge" or are they glad it's over and now are full of hope and assurance of the future. — Mrs. Cecile McGuire, Pratt.

They were all very interesting. As a teacher I reaped some knowledge from each one. — Mrs. M. L. Kennedy, Girard, Kan.

My family and I enjoyed letters in Kansas Farmer . . . Such a swell job in explaining and describing experiences. — Mrs. Robert C. Martin, Madison, Kan.

We have wondered about the Finnish bread. How people could eat bread that had been baked so long. Wasn't it awful dry and stale tasting? — Mrs. Jim Wagon, Englewood, Kan.

Do you think the European people need our aid? — Mary A. Hartman, Wichita, Kan.

We want you to know how much we enjoyed your travel letters since we will never make the trip . . . Know you will make good at anything you do. — Mr. and Mrs. J. C. Burchfiel, Anthony, Kan.

Enjoy having you come to see us . . . give a talk to our new 4-H Club at Walburg sometime. — Mrs. Harry Strauss, Randolph, Kan.

Here's hoping more young Kansans have your opportunity. — F. E. Heastys, Mayfield, Kan.

Have saved some of them to put in my scrapbook. — Mrs. A. H. Werner, Beverly, Kan.

Everyone likes to read about actual experience. Your picture reminds me so much of our boy who lies buried in England a veteran of War II. Thanks again for the enjoyment I got from your letters. — Mrs. Richard Dilley, Meriden, Kan.

A trip none of you will forget, bet U. S. A. looked pretty good, didn't it? — A Smith Center friend.

Enjoyed your articles in Kansas Farmer so much and have read them all. . . Any article you wish to write will be of interest to us all. — Mrs. Guy Chester, Effingham, Kan.

Interesting to learn how other countries farm and do with so little. Makes us here at home appreciate more our way of farming and living. — Claude Ashcraft, Girard, Kan.

Lodges and churches are sending clothes to Germany. . . Are the people in Germany starving, just living on anything the way we get it here? — Mr. Ray Thomson, Winfield, Kan.

Had callers from Waterville and Randolph who mentioned reading your letters and enjoying them. — Mr. and Mrs. Frank Williams, Marysville, Kan.

One could follow you in all your travel in imagination. — Mrs. Don Davis, Hiattville, Kan.

You are to be complimented on being able to give us such a thoro description of your fine trip. We feel as if we have been with you all the way. — Mr. and Mrs. Ray Rufenacht, Ness City, Kan.

Especially thrilled when you wrote about Switzerland where my father came from. — Mrs. Otto Weber, Marysville, Kan.

Wouldn't it be perfectly grand to get us all to understand each other and learn to be real neighbors? — Mrs. Ellen C. Siran, Pleasanton, Kan.

Please show up in Kansas Farmer with more of your good descriptive reports, and how about 3 or 4 pages of pictures you took over there. — Howard Kendall, Denison, Kan.

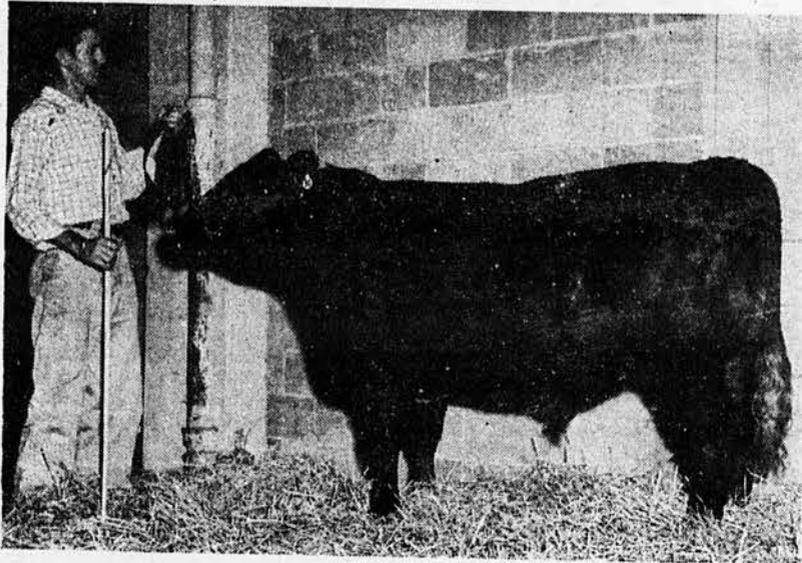
Hope you write more some time. — Mrs. W. P. Stauffer, Circleville, Kan.

GRANDMA . . . By Charles Kuhn



9-29 CHAS. KUHN

Give Shorthorn Calf To Rock Springs Ranch



Bill Hutchinson, Morris county 4-H Club member, shows the Shorthorn calf which was presented to the state Rock Springs 4-H camp by Mr. and Mrs. Lee Reeves, Parkerville.

ROCK SPRINGS 4-H camp is richer by \$446.03 because of the generosity of a former Shorthorn breeder in Morris county. A little more than a year ago Lee Reeves, Parkerville, sold all cows and heifers in his registered Shorthorn herd and retired from active farming because of ill health. Mr. and Mrs. Reeves always have been fond of young people. And they took an interest in 4-H work. For that reason they presented a 610-pound Shorthorn calf to Rock Springs camp thru the Morris county 4-H council.

The county council bought feed for the calf, which amounted to \$296.99 from October 1, 1947, until October 5 this year. Supplement was donated by

the Purina company, a great help. Bill Hutchinson, president of the Wilsey Busy Bee 4-H Club in the county, offered to do the feeding. His sole monetary return was to be from prizes and ribbons. For all practical considerations, he donated his own time to put on 535 pounds of gain.

The 1,100-pound steer was shown at the 4-H Fat Stock Show in Wichita and placed in the white-ribbon group. He was sold at auction during the show. The buyer was Cessna Aircraft company. The price was \$41 a hundred.

Plants Talk: By analyzing leaves of plants, scientists soon may be able to tell what food needs are not being met.

CROSSWORD - - - By Eugene Sheffer

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Average time of solution: 24 minutes. Dist. by King Features Syndicate, Inc.

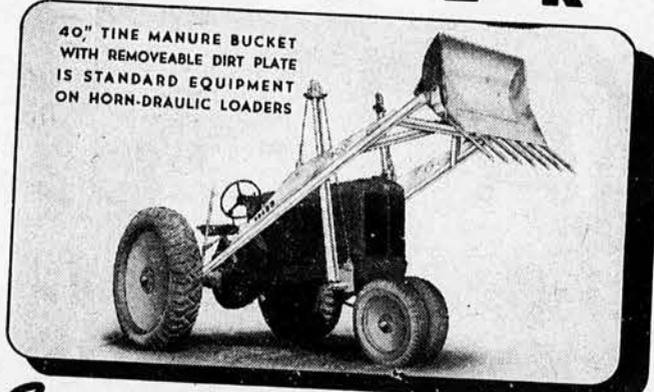
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| HORIZONTAL | 32. gentle breeze | VERTICAL | 22. air: comb. |
| 1. flesh food | 33. seed | 1. small rug | form |
| 5. exploit | container | 2. personality | 23. spoke |
| 9. linen | 34. perfumery | 3. put in order | haltingly |
| vestment | base | 4. devices for | 26. flap |
| 12. division of | 36. upper limb | sampling | appendage |
| India | 37. drenches | 5. aeriform | 27. fleshy annual |
| 13. mythological | with water | matter | plant |
| king | 38. flavored | 6. feminine | 28. Great Lake |
| 14. extinct bird | water-ice | name | 29. Russian |
| 15. high hills | 42. house | 7. daubed | news agency |
| 16. stealthy | addition | thickly | 32. cape in |
| movers | 43. rustic | (colloq.) | Africa |
| 18. Luzon | 45. rabbit | 8. slanted | 34. tree: comb. |
| Negrato | 48. lofty | 9. verily | form |
| 20. ministers to | mountain | 10. title of | 35. fish eggs |
| 21. jury lists | 49. trust | nobility | 36. dexterity |
| 24. female | 50. the dill | 11. singing | 38. stretch over |
| chicken | 51. Napoleonic | voice | 39. robust |
| 25. rued | marshal | 17. knowledge | 40. catch |
| 27. favorite | 52. useless | 19. malt drink | sight of |
| 30. native | 53. bristle | 21. support | 41. lofty |
| metals | | | 44. livivium |
| 31. river in | | | 46. steep, as flax |
| Switzerland | | | 47. Greek letter |

(Answers will be found on page 23 in this issue)



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- CONVERSION TYPE**
INTERNATIONAL H, M, CASE DC, OLIVER 70, COCKSHUTT, FARMCREST, CO-OP
- STANDARD**
INTERNATIONAL W-9, W-6, JOHN DEERE BR, D, CASE LA, OLIVER 88 70, M-M UTS, MASSEY-HARRIS 30, 44, 55
- TRACK TYPE**
INTERNATIONAL T-6, OLIVER HG 68, HG 42
- FORD TYPE**
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Our Official Kansas Tree

By JAMES SENTER BRAZELTON

THE legislators of Kansas did not choose the cottonwood as the official state tree because of its beauty. It is outclassed by many trees in this respect. It lacks the symmetry of the hard maples and its leaves do not color as gorgeously in autumn as the oaks. It is not as picturesque as many of the pines nor as stately as some of the spruces. It ranks along with the walnut as a dirty tree.

The cottonwood is never used on lawns because of its untidy habits. The staminate catkins that drop from the tree in spring are a nuisance. Instead of dropping its leaves only in the fall as most trees do, the cottonwood sheds its leaves the summer thru. Everyone is familiar with the fluffy seeds that fill the air in early summer. These cottony things are an exasperation when they cling tightly to window and door screens.

As soon as a cottonwood has reached a height sufficient to make some shade, along comes a summer storm that blows the top right out of it and forever spoils any semblance of symmetry it might have attained. The wood is so brittle that a large tree can withstand but little wind. If a cottonwood tree is not damaged early in life by wind then it is struck by lightning. And if lightning strikes a cottonwood tree once it is very likely to splinter it again, despite the mistaken idea that lightning never strikes twice in the same place.

Like Tiny Lightning Rods

If physical conditions are right for a discharge of electricity to take place between earth and clouds via the cottonwood tree, those very same conditions are most likely to recur over and over again. Leaves of the cottonwood are pointed and when the earth becomes charged with positive electricity and the clouds become charged with negative electricity or vice versa, each one of these leaves acts something like a miniature lightning rod.

A slow, silent discharge is given off at each pointed leaf unless or until the positive or negative charge builds up to the breaking point. Then there is a violent discharge between earth and sky with the cottonwood as conductor. When the smoke clears away the tree is generally found ripped to its roots.

In declaring the cottonwood the official state tree of Kansas the lawmakers did not take into consideration the faults I have just pointed out. They were thinking of the cottonwood as the "pioneer tree of Kansas" which it has many times been called. They were mindful of the fact that the successful growth of the cottonwood grove on the homestead was often the determining factor in the decision of the homesteader to stick it out until he could prove up on his claim.

With the modernization of country roads in Doniphan county many old

cottonwood trees that have stood as sentinels for years are now disappearing. The bulldozers are pushing these familiar landmarks right out of existence. No longer can the native farmers, in giving directions, say, "Turn east at the cottonwood" or "My place is just a mile south of the big cottonwood." In this all sentiment is cast aside. We must go along with the age of mechanism for this is progress.

Of recent years cottonwood trees have become quite important as a commercial product in Northeast Kansas. They are very much in demand by a large box factory in St. Joseph, and farmers in this vicinity are adding to their incomes by using the cottonwoods as a cash crop.

In the biennial report of the Kansas State Horticultural Society published in 1938, there is a vignette photograph of the great cottonwood that stands on the State House grounds at Topeka. This old cottonwood ranks among the historical trees of the state, having been made famous by the fact that 4 presidents of the United States have spoken beneath its boughs.

A Name That Fits

The founders of Cottonwood Falls, a typical Kansas town, must have had poetry in their souls when they gave the place its name back in pioneer days. Likewise those who first called that beautiful Kansas river, the Cottonwood, could not have known how well the name and the river would grow to fit each other as time went on.

If you were to mention the state tree of Kansas in scientific circles to be exactly proper you would say, *populus deltoides*, the *populus* part indicating, of course, that it is closely related to the poplars. In fact, the genus *populus* comprises both cottonwoods and poplars.

The cottonwood is one of the first trees to show signs of the resurrection of life in spring. Botanists say its flowers are dioecious, that is, the female flowers are borne on one tree and the male flowers on another.

As the leaves get larger their long stems never let them be still. The Russian adage, "There is a tree that trembles without even a breath of wind," fits the cottonwood quite well. Its constantly moving leaves are responsible for the legend which contends that the tree was accursed by being the tree on which Judas Iscariot hanged himself, and is doomed to forever shudder and tremble on account of its connection with the tragedy on Calvary.

There is a very similar legend, just as gory, which attaches itself to the pretty little redbud or Judas tree. According to this legend the flowers of this tree were originally white until Judas used the tree for suicidal purposes. Then the white blossoms turned pink and have been that way ever since.

Commercial Feeds Get Board's O. K.

ACCURATE labels and higher-protein contents than claimed was the record that feed manufacturers had in Kansas between July 1, 1947, and June 1, 1948, according to Paul Ijams, director of the Control Division for the Kansas State Board of Agriculture.

During this period, Ijams reported, the Control Division collected 895 samples of feed that were analyzed as a check regarding statements made on the label to protect the purchasers of the feed.

Only 2 feeds averaged below stated contents and those were 17 per cent dehydrated alfalfa meal, which averaged only 16.25 per cent protein, and 15 per cent dehydrated alfalfa meal with an average of 14.58 per cent protein.

During the year the most samples were taken of gray shorts and screenings with 196 samples being collected by Control Division inspectors. A highly popular feed with Kansas farmers is 18 per cent protein egg mash. There were 44 samples of this feed collected that averaged 19.13 per cent protein, 1.13 per cent more than the 18 per cent claimed.

Another popular feed is meat and bone scraps, 50 per cent protein which actually averaged a content of 50.72 per cent for the 57 tests made. The 41

per cent protein cottonseed screenings were in demand and the 62 tests made on this type of feed averaged 41.13 per cent protein, well above the stated amount.

By far the most popular dairy feed was labeled as containing 16 per cent protein and the 58 tests made on this feed averaged 16.39 per cent.

Usually 3 types of determinations are made on the feed samples, which are protein, fat and fiber. Ijams stressed that in all cases the feeds generally met the stated amounts that appeared on the label, and manufacturers had added considerable amounts to insure full value to purchasers of their feeds. This report for the year, Ijams added, was a good indication of the excellent job that commercial feed manufacturers are doing in keeping their products accurately and correctly labeled.

Concordia, the county seat of Cloud county, has an unusual name history. After years of controversy over selection of a site for a permanent seat of county government, this location was agreed upon with unanimity, and the name Concordia given, which means "harmony."

Flying Farmers

THE Longhorns would have been surprised. Yes, they would have stampeded off the old Chisholm Trail 65 years ago had they seen the Flying Farmers winging along the trail to Dodge City.

As Kansas Farmer was going to press, farm flyers from Kansas, Oklahoma, Colorado and Texas were retracing by air an old trail from near Gainsville, Tex., north to El Reno, Okla., then northwestward toward the shipping point, Dodge City. Leader of this Chisholm Flight Festival was Starr Nelson, Delta, Colo. This 83-year-old member of the Flying Farmers went over the old trail in 4 months 65 years ago. This week he led the flyers over the same route in 4 hours. Mr. Nelson is the oldest Flying Farmer in the National Association.

Some members of the Kansas club flew to Gainsville November 16 to participate in preflight activities there. This is the only city in the United States that has its own community circus. They had a big time stored up for visiting flyers from this area.

Thru Oklahoma the next day Gov. Roy Turner joined the tour and acted as official host to the flyers across his state. There was a community barbecue planned for the flyers during their noon stop at El Reno.

Arriving at Dodge City they found a chuck-wagon feed, old-time dance and other entertainment awaiting them. Several Kansas and Colorado flyers were on hand to greet the trail blazers when they arrived at Dodge City.

Co-operating with the Dodge City chamber of commerce in planning for the arrival of the flyers at that point were officers of the Kansas club. They included Ailiff Neel, Windom, president; William Janssen, McPherson, national delegate, and Charles Howes, Kansas Farmer, publicity director for the club. Heading the Dodge City activities was U. G. Balderson, another 83-year-old flying enthusiast, who heads the community aviation work.

As a means of transportation, the airplane has shortened the length of a mile. That point was emphasized by the Chisholm Flight Festival. Four months squeezed down to 4 hours.

Those touring Flying Farmers were well pleased with the success of their recent jaunt over Kansas. Only part of the touring this time consisted of flying over the state. The other part included tours of several industrial in-

stallations in Hutchinson and Lawrence.

October 18, nearly 100 persons in 40 planes assembled at Hutchinson. That morning they visited the Krause Plow plant and the Carey salt mines. Like visiting the airplane plants at Wichita last spring, they found much of interest in going thru both of the Hutchinson installations.

After a chuck-wagon lunch, the touring flyers visited the new Dillon warehouse near the airport and found more of interest to them.

Later that afternoon they flew to Iola where an overnight stop had been planned. Thirty planes made the trip. The flyers found a hearty reception at Iola where the chamber of commerce had made arrangements for lodging in hotels and private homes.

Tuesday morning, October 19, the Flying Farmers flew north. After a short stop at the Ottawa airport, they landed at Lawrence for more visiting. Taken to the University of Kansas campus, the Flying Farmers were permitted to inspect a German-model jet plane. In busses provided by the Lawrence chamber of commerce, they also were taken on a sight-seeing tour of the campus.

An inspection trip to the Reuter pipe organ factory in Lawrence provided an educational side trip for the flyers. This popular concern has installed pipe organs in a majority of the states in the country. Seeing how pipe organs are produced definitely was a new experience.

Several Flying Farmers from Eastern Kansas joined the flight at Lawrence. Charles Howes, who represented Kansas Farmer on the tour, reported 37 planes at the Lawrence airport took off for Fairfax airport, Kansas City, Kan., from where they went to the American Royal Live Stock Show.

Altho lodging space in Kansas City is difficult to find during Royal week, the men were provided with ample quarters by Charles Hunt, manager of the Kansas City division of the Oliver Corporation. Sleeping quarters were provided in the Oliver warehouse. Flyers accompanied by their wives found lodging in uptown hotels. Influential in getting these accommodations was Charles Toth, of Fairfax airport.

At the Lawrence airport, the flyers met Mr. and Mrs. Palmer Hanson and son, Doug, of Scobey, Mont. They are flying farmers in their home state. Visiting Mrs. Hanson's sister, Mrs. Guy May and Mr. May, of Williamstown, the Scobey flyers took advantage of the tour to meet the Kansans.

A Good Nest Idea



Here is a poultry-nest idea that is working well for DeWayne Lofgreen, Franklin county war veteran and farmer. His nests make up the partition between the 2 compartments in the laying house. For the backs of the nests, he installed a double-hinged, drop-type door. The upper half of this door opens up for egg gathering. When Mr. Lofgreen wants to clean the nests, he can drop the entire door open at the base of the nests.

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For your tractor's sake—take “Lubri-tection”!

That's the word that best describes the job the new Phillips 66 Premium Motor Oil will do for you in your farm engines.

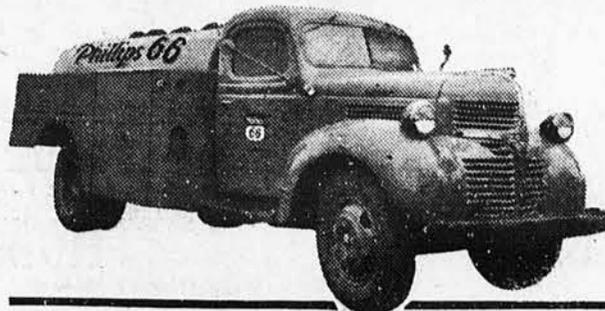
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Worth Looking Into—PHILLIPS 66 TRACTOR TIRES!



A profitable deal for you and your tractor! Your Phillips 66 Dealer now carries high-quality Phillips 66 Tractor Tires. Talk to him about this latest specialty for farmers who do business with Phillips 66!

FOR BETTER SERVICE... PHILLIPS 66



It's Cookie Time Again

By Florence McKinney

WHO IS the person without fond memories of mother's cookie jar? Mother and grandmother usually had favorites and stuck to them for most occasions. These modern days we have more kinds, flavors and styles for we have greater variety of ingredients and equipment.

Cookies are economical especially for children. They are less rich and come in smaller portions than cake. We offer some tested cookie recipes which we hope will become favorites in your kitchen.

Orange Almond Cookies

1 cup fat	½ teaspoon salt
½ cup sugar	½ teaspoon soda
½ cup brown sugar	1 tablespoon grated orange rind
1 egg, beaten	½ cup chopped blanched almonds
2 tablespoons orange juice	2¾ cups sifted flour

Cream fat and sugar together, add egg and orange juice. Sift flour, measure and add salt and soda together; combine with other mixture. Add orange juice and almonds. Mix well. Roll in long rods. Put in refrigerator for several hours or overnight. Cut in thin slices and bake until a delicate brown at 375° F. Yields about 6 dozen.

Pecan Cookies

½ cup shortening	¼ cup confectioner's sugar
dash of salt	½ teaspoon vanilla
¼ teaspoon almond flavoring	2 tablespoons water
	2 cups sifted flour
1 cup chopped pecans	

Cream fat, add sugar, salt and flavorings. Mix well. Add water, pecans and flour. Mix to a stiff dough. Mold in finger shapes with hands. Bake until crisp and only slightly brown at 350° F. Roll in confectioner's sugar. Yields about 3½ dozen.

Molasses Drop Cookies

1 cup fat	5 cups sifted flour
1 cup sugar	1 tablespoon ginger
2 eggs, beaten	1 teaspoon salt
1 cup molasses	2 cups chopped dates or raisins
1 cup warm water	2 cups chopped nuts
1 tablespoon soda	

Cream fat and sugar, add eggs and molasses. Sift flour, measure and sift again with ginger, salt and soda. Add flour and water alternately to the fat, sugar and egg mixture. Mix well. Add raisins and nuts. Drop by teaspoonfuls on lightly oiled

baking sheet. Bake until cookies spring back when lightly touched at temperature of 375° F. for about 10 to 15 minutes. Yields about 6 dozen cookies.

Dream Bars

First layer:

1 cup sifted flour	¼ cup brown sugar
	¼ cup fat

Mix flour and sugar together. Cut in fat until mixture is crumbly like pie crust mixture. Pat into a pan about 8 by 8 inches. Bake at 350° F. for about 15 minutes or until lightly browned. Spread the following over the baked mixture:

Second layer:

2 eggs, beaten	¼ teaspoon salt
1 cup brown sugar	1 teaspoon vanilla
¼ cup sifted flour	1½ cups shredded coconut
½ teaspoon baking powder	1 cup chopped nuts

Add sugar to beaten eggs and mix well. Sift flour, baking powder and salt together. Add to egg mixture. Add vanilla, coconut and nuts and mix thoroughly. Spread over baked mixture in pan. Bake at 350° F. for about 20 minutes. Yields about 18 two-inch squares.

Filled Cookies

½ cup shortening	3 cups sifted flour
1 cup sugar	3 teaspoons baking powder
1 teaspoon vanilla	½ teaspoon salt
1 egg, beaten	
½ cup milk	

Cream shortening, add sugar and cream together. Add vanilla and egg and beat. Add the milk alternately with the dry ingredients sifted together and combine with the sugar mixture. Mix well. Chill for at least a half hour before rolling out. Chilling makes the

[Continued on Page 17]

Old-Fashioned Room

She has a room the sun shines in
With view of pine-tipped hill,
With rocking chair and braided rugs,
And geraniums on the sill.

She has a room, that as rooms go
Is lacking, quite in style,
But always it bids callers stay
And sit and rest awhile.

By MARY HOLMAN GRIMES



Homemaking

By Florence McKinney

Homemaking

News to You?

The addition of a stick of cinnamon or a slice of lemon or orange gives a pleasant flavor to stewed prunes. Try it.

If a recipe calls for onion juice, cut a slice from the bottom of the onion, invert over a lemon squeezer and twist.

To produce a flavor that is refreshingly different, place a little apple-sauce and a few celery leaves on top of roast pork after it is well browned and let them cook with the roast.

Rip, don't tear or cut, an old garment apart. A few inches saved may mean much in remaking the garment.

Heel height for everyday shoes should be from 3/4 to 1 1/2 inches according to the shoe experts. The percentage of persons with foot trouble soars to 90 per cent after the 30th year of age.

For hash-browned sweet potatoes, add 4 cups of cooked, chopped sweet potatoes to a little hot fat in the frying pan. Season with salt and pepper. Moisten with about 1/4 cup water and cook over low heat until brown on the bottom, taking care to prevent scorching. Do not stir, and serve folded in half.

Don't wash rice unless necessary. Cook in as little water as possible. Boil it gently and keep the heat low. Cover pan loosely. Do not rinse after cooking. Thus cooked, 1 cup of uncooked white rice makes about 3 cups cooked rice or 6 servings.

Pumpkin Guessing Game

In each of the lines contained in this jingle you will find something made from the letters in the word "pumpkin." It may be done orally or with pencil and paper.

1. There's a liquid you use that rhymes with pink,
2. And a number of relatives close to you.
3. There's a color you like that you find in a drink,

4. And a 4-letter word, a kind of shoe.
5. This 2-letter word is not ever in fire,
6. And you buy some of this one the 4th of July.
7. There's something quite common and made of fine wire,
8. And for coats, it's fur priced ever so high.

Answers:

1. Ink 2. kin 3. pink 4. pump 5. up 6. punk 7. pin 8. milk

Be Comfortable

To be comfortable on house-cleaning day, dress comfortably, turn on pleasant radio music and plan for a couple of rest periods in both morning and afternoon. Renew your energy by eating an apple, a banana or a drink of fruit juice. Change your shoes to rest the feet. And above all, see that order is restored when the family arrives home.

Cookie Time Again

(Continued from Page 16)

soft dough easier to handle. Roll 1/8 inch thick and cut with a 2-inch cutter. Put a teaspoon of filling in the center of one cookie and cover with another. Press edges together with the tines of a fork. Brush tops with milk or slightly beaten egg. Sprinkle with granulated sugar if desired. Bake at 375° F. Yields 3 dozen 3-inch cookies.

Apricot Filling:

- | | |
|-------------------------------|----------------------|
| 1 pound dried apricots | 1/2 cup orange juice |
| 2 tablespoons flour | 1/2 cup water |
| 1 teaspoon grated orange rind | 1 cup sugar |
| | 1/4 teaspoon salt |

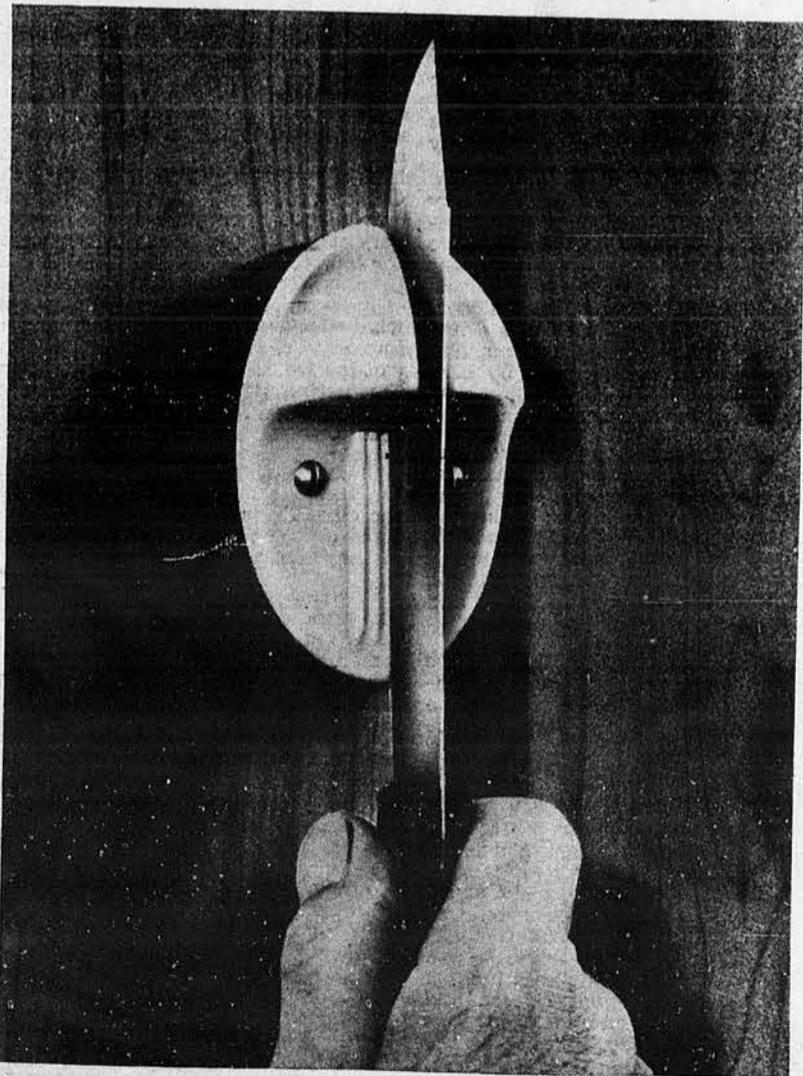
Chop apricots fine. Steam until soft. Combine with other ingredients and cook, stirring constantly until thick. Cool before filling the cookies.

Raisin Filling:

- | | |
|--------------------------|-------------------|
| 1 cup sugar | 1 cup water |
| 3 tablespoons cornstarch | juice 1 lemon |
| | 1 cup raisins |
| | 1/2 teaspoon salt |

Combine all ingredients and cook until thick, stirring constantly. Cool before filling cookies.

It Sharpens in 3 Seconds



The element in this knife sharpener is tungsten carbide, the wonder metal of the war and the hardest metal made. This new piece of kitchen equipment is called the Aladdin and sells for \$1.95. Made by the New England Carbide Tool Co., Cambridge, Mass.

Join with us to Give CHRISTMAS GIFTS TO ORPHANS



AGAIN THIS YEAR BUTTER-NUT COFFEE'S CUSTOMERS WILL BRING CHRISTMAS TO THOUSANDS OF CHILDREN IN ORPHAN HOMES

YOU CAN HELP. JUST SAVE BUTTER-NUT COFFEE JAR LABELS AND STRIPS FROM CANS. MAIL THEM TO US BY DEC. 15. BUTTER-NUT FURNISHES THE MONEY... BUYS THE GIFTS... DELIVERS THEM BEFORE CHRISTMAS

It's time again to get ready for the Butter-Nut Coffee Christmas Party for orphans.

Each Christmas since 1937 (with exception of the war years) users of Butter-Nut Coffee have mailed us labels from Butter-Nut jars and strips from cans as evidence of their interest.

We credit these and buy thousands of gifts... footballs, dolls, rubber balls, jumping ropes, marbles, jacks, books, games, toys, and tons of candy and nuts.

Just before Christmas we ship gift packages to all the orphanages and to hospitals for crippled children in all the states of the Butter-Nut trade area.

Thousands of folks save labels and strips for this occasion the year around. We receive huge boxes of labels and strips from schools, churches, Sunday schools,

and clubs, as well as from individuals who organize their neighborhood to help the Christmas Party.

START SAVING NOW

You can contribute by starting to save Butter-Nut labels and strips now. Mail them to us by Dec. 15. Even one or two labels are welcome.

Please do not send cash. We provide the money. All you need do is send in labels and strips. We will credit them to the general fund or to any individual orphanage you name in our territory.

Next year there will be another Butter-Nut Christmas Party. You can make it an even greater success if you save strips and labels all through 1949.

Address All Mail to: Butter-Nut Coffee, 410 South 19th, Omaha, Nebr.

Coffee So Good It is First Choice in a Million Homes



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

Homemaking

A Country Woman's Journal

By MARY SCOTT HAIR

Look! needs no refrigeration



• No last-minute dash to the grocer's when you want to bake "right now." Fleischmann's modern Dry Yeast keeps for weeks on the pantry shelf. It's ACTIVE. Just as easy to use as compressed yeast if you bake at home. One package equals one compressed yeast cake in any recipe. Here's how to solve the problem of having Fleischmann's Yeast always within reach—with no chance of spoiling! Get Fleischmann's Fast Rising Dry Yeast today.

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After all the hard work of summer, you've earned a rest. Take the family on a trip and see new scenes; new crops, soil-saving practices, irrigation improvements, other farm methods used by successful farmers elsewhere. Combine pleasure and profit . . . bring back new ideas for your farm . . . return refreshed and happier. Your nearest Greyhound Agent will gladly help plan your trip at low, money-saving fares!

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For colorful folder describing many scenic attractions, mail this coupon to GREYHOUND TRAVEL BUREAU, 917 McGee St., Kansas City 6, Missouri.

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Enjoy a trip planned for you by experts! Hotels, sightseeing, transportation arranged in advance for one LOW cost. Ask your Greyhound Agent for complete travel information.



JUST underneath my kitchen window, outside, on the sunny side of the house is a slab bench, not beautiful, not artistic, but just a comfortable, pioneer-looking bench made out of a white-oak slab.

Its location there, under the kitchen window close to the back door, leaves no room for speculation as to its intents and purposes. If romance had figured in the location, the bench would have been placed at the edge of the garden under the apple tree. But there's a nice comfortable lawn swing there and the slab bench is not needed in that spot.

In the summertime there's some shade for the bench from a thicket of plum trees close to the cellar. It is pleasant to sit there in the cool of the morning and shell peas or beat egg whites. But the slab bench really serves best the purpose for which it was intended in winter's sunshine. On almost any day in winter, unless the snow is piled high, it is pleasant to spend a few minutes or half an hour there, basking in the sunshine. Problems have a way of seeming unimportant, after a session of meditation there. Sometimes it's a good place to sit and think and other times just to sit.

The other day as I sat thinking, or perhaps I was just daydreaming a bit, it came to me quite suddenly that Thanksgiving is just around the corner, that day of all days for good Americans everywhere. Surely we have an abundance of just about everything for which to be thankful this year. It has not always been so, for some years have been lean years, but the spirit of thankfulness has been uppermost in the minds and hearts of the good folk of our land.

Americans feel that they own Thanksgiving, that it is a day set aside and patterned to suit their own particular mood of giving thanks. I shall never forget the shock I experienced when I read that Thanksgiving began hundreds of years before the discovery of America, for such a thing seemed impossible! That picture in our history book, the one of the Pilgrim Fathers carrying a prayer book and a rifle, just couldn't be wrong, and the story plainly told about the first Thanksgiving!

But, if we turn the pages of history back far enough, or even go back beyond the time of written records, we find this festival was the most ancient of days. Peoples of all the world, in all ages, have marched down the long corridors of time, giving thanks when crops were harvested. Customs and times changed, but century by century, the basic fact remained . . . people gave thanks for bountiful harvests.

Ancient Egypt, 2,500 years ago, had observed a feast similar to our Thanksgiving for nobody knows how long. The best of everything produced in the rich valley of the Nile, corn and wine and whatever crops the Egyptians knew, were brought together and laid at the feet of their gods with prayers and praise.

Thanksgiving began in Japan more than 2,500 years ago when the emperor presented the first of the rice harvest at the imperial shrine. Since that time, some form of Thanksgiving has been carried on when the rice harvest ended.

The Greeks and Romans feasted for days! Their elaborate preparations for an observance of this end of harvest make interesting reading. No doubt the purpose of such an occasion was forgotten long before the merrymaking ended, but it was, nevertheless, their idea of giving thanks. Much of the splendor of ancient Greece and Rome has been buried under centuries of conquest and decay, but noted in the annals of history is this fact . . . Thanksgiving, the feast of the people, was kept by everyone, the rich and poor alike.

In the book of Deuteronomy we find

the story of a celebration much like our own: "Thou shalt observe the feast of the tabernacles seven days, after that thou hast gathered in thy corn and thy wine." And thus the Hebrews observed the harvest festival by bringing the first fruits of the fields to the temple, amidst joyful voices raised in psalms of thanksgiving.

The Feast of Ingathering, which was akin to Thanksgiving, began in the British Isles many years ago. Scotland observed Mell Supper . . . perhaps it is still called that . . . and entire communities met to gather in the last of the harvest, to sing and enjoy a good time. England knew it as Harvest Home, with perhaps slight variations. The important thing was that they gave thanks for food, something to sustain them.

The Pilgrims knew about Thanksgiving. Perhaps they saw in their own plight something akin to the Hebrews in Old Testament times, their wanderings and hardships were similar in many respects. And so it was that in 1621, the governor of the Plymouth colony issued the first Thanksgiving proclamation in America: "Now, therefore, I William Bradford (by the grace of God today, and the franchise of this good people) Governor of Plymouth, say . . . through virtue of vested power . . . ye shall gather with one accord, and hold in the month of November, thanksgiving unto the Lord."

Oddly enough, the Pilgrims found their Indian friends most co-operative. Indeed, since time immemorial Indian tribes have offered thanks to the Great Spirit in colorful ceremonies, as the Corn Dance of the Indians in the Southwest.

Some folks look forward to the last Thursday in November, save up the big things and are thankful for them and the turkey and the trimmin's all at one time and that's that. Others spread their Thanksgiving out over the years and are thankful for every small blessing.

To me one of the most beautiful incidents in the whole Bible is the one recorded in Deuteronomy, chapter 33, verses 13-16. Out of a time of slavery and dictatorship, Moses, the great leader, rose to prominence. He led the Children of Israel thru 40 years of wilderness wanderings. Now he was a very old man and the time had come for him to die. But before he died he thanked God for the safe journeyings of his people. And he taught his people what to be thankful for. Was it for gold and silver, for brass and precious woods? No. It was for the little things, the lasting things, the great possessions all of us may own and share with others.

"Blessed of the Lord be His land, for the precious things of Heaven . . . for the chief things of the ancient mountains and the precious things of the lasting hills."

This heritage of giving thanks which has come down to us is something to be proud of! In our own way let us remember the little things like slab benches, the lasting things, the precious things . . . and give thanks for them all!

Christmas Lights—A Playlet

This is a Christmas pageant requiring 7 characters. Properties required are a Christmas tree strung with an electric cord with sockets. Each character carries a bulb marked with Christmas symbols, love, loyalty, etc. All is written in verse. Suitable for either young or old characters, for church, Sunday school, school or club. To obtain this playlet send 10 cents to the Farm Service Editor, Kansas Farmer, Topeka.

Homemaking

Books On Review

Rainbow in Tahiti

For those who dream of a South Sea island, this book will charm from start to finish. The author, Caroline Guild, her husband and their 4-year-old daughter, Martha, spent the years from 1923 to 1940 in the home they built on the island of Tahiti.

The Guilds were already world travelers, having just completed a gay 2 years touring Europe. While there they read Frederick O'Brien's Mystic Isles of the South Seas, and said, "Why hasn't someone told us about this? Why don't we go there?"

And off they started, bag and baggage together with Martha and her English governess. Tahiti wasn't exactly the glamorous place they expected. They found some things sordid, ugly and dirty. And the story of how they turned a 10-acre tract of jungle into spacious lawns and gardens, built a beautiful home and entertained most of the globe-trotters of the day is telling the content of the book. Zane Grey, the author, Cole Porter, the musician, Nordhoff and Hall, the writers, all visited with the Guilds. At times their house resembled a hotel.

But hospitality did not consume all the time of these unusual people. Mrs. Guild became interested in tropical plants and won a French decoration and kisses on both cheeks for her work in adapting them to garden use. Even more important, her husband won international fame for his work with birds. He brought birds from all over the world to his aviary on the 10-acre tract, bred them in large numbers and then turned many of them free to live on the island. He also contributed others to aviaries all over the world and was an important contributor to scientific magazines on the subject.

One of the most interesting parts of the book is the matter of getting Martha educated... it wasn't in the usual manner you may be sure. After the first years with private teachers, she came to the States to school.

Mrs. Guild writes in a most interesting and even gay style. That, with the fact her book is about a remote and little-known people and their land, makes Rainbow in Tahiti a must for the stay-at-home traveler. It is pub-

lished by Doubleday and Company, Inc., Garden City, N. Y.

Flower Arrangement

Here is a book that will answer completely, all the questions the homemaker might ask on the subject of making bouquets for the home, for flower shows and making corsages. From cover to cover it is crammed with pictures, some in actual color, some black and white and many diagrams which illustrate the principles of flower arrangement.

Interest in this subject continues to grow, especially among rural women partly because of instruction given to members of Extension clubs. In the first chapter, the reader is assured that fun with flowers is not a matter of being an expert or ever becoming one. It suggests throwing away fears and starting on your own. The reader will learn a great deal about art in general and color theory and practice, in addition to actual flower arrangement. We highly recommend this book for individual and club ownership.

You may make arrangements to secure "The Complete Book of Flower Arrangement," by Rockwell and Grayson at your local library or bookstore. It sells for \$4.95 and is published by The American Garden Guild, Inc., and Doubleday and Company, Inc., Garden City, N. Y.

November Is Here

- November is here with programs at school,
- With costumes to make and lines to commit,
- With plans for the winter and family comfort,
- And moods, by the fireside soften a bit.

- November is here with Armistice Day,
- With football games and 'mums to wear,
- With kindly faces 'round quilting frames grouped
- Discussing their favorite Thanksgiving fare.

By CAMILLA WALCH WILSON

Lesta Lou Wanted Pleats



Velma McGaugh, assistant state 4-H Club leader, Kansas State College, looks over the little suit with matching hat and purse made for Lesta Lou by her sister Marlayne.

LITTLE sister can be especially sweet in her 4-H sister's outgrown wool suit if her sister is as clever a seamstress as is Marlayne Worcester, 17-year-old member of the Bow Creek 4-H Club, Graham county. Marlayne won a blue ribbon on the little suit with matching hat and purse at the 1948 Kansas Free Fair, at Topeka.

This is the way Marlayne tells the story of the made-over suit. "I ripped my old green and brown suit apart, darned it a place or two with ravelings so it wasn't noticeable. From these pieces, I made a suit, cap and purse for Lesta Lou. The jacket is cut like the original with the exception of darts in the lower front of it. I had quite a time getting the fitted-packet-back pinned down. The skirt, however, was really

the problem part, because my skirt had been a plain 4-gored one and Lesta Lou wanted pleats. So I had to do some planning.

"After a lot of paper cutting, fitting and measuring, I had a skirt pattern for her that combined box and single pleats. Then I made a little cap to match and lined it with the lining of my old jacket. The blouse I made was a white cotton one, trimmed with eyellet embroidery ruffles. For her purse, I cut down the lower portion of a large baking-powder can, padded it with cotton and covered it with the material. I put sachet in the padding of the purse to keep it smelling nice."

Mrs. Walter Keiswetter, Hill City, is the woman leader of the Bow Creek 4-H Club.

Makes good cooks even better



There's something almost magical about the results you get with SKELGAS cooking. Your roasts, baked dishes, stews, pies, and cakes are worthy of a chef's praise—and the secret lies in automatic heat control,

plus a host of other modern SKELGAS range features. Too, with clean-burning SKELGAS, your kitchen stays cool, free of smoke and soot. What's more, you'll save with SKELGAS cooking; it's truly economical.

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It's no trouble. Make a syrup by stirring 2 cups granulated sugar and one cup water for a few moments, until dissolved. No cooking needed—it's so easy! Or you can use corn syrup or liquid honey, instead of sugar syrup.

Now put 2½ ounces of Pinex into a pint bottle, and fill up with your syrup. This makes a full pint of truly splendid cough medicine, and gives you about four times as much for your money. It keeps perfectly and tastes fine.

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FLOUR IS
Better By Far**



Homemaking

For Poinsettia Bloom

Some folks keep a Christmas gift poinsettia in hopes that it will bloom the following Christmas. It won't unless you give it some very special treatment. Florists take these precautions so they will bloom exactly at the Christmas season.

Beginning early in November, place the poinsettia where it will get as much light as possible during the day, and then put it to bed early by covering it with a black cloth. Protect the plant from drafts and extreme temperatures and keep it watered. Applications of liquid manure at weekly intervals will help.

The long, black night under the cloth is the important factor in bringing a poinsettia into flower. Nature takes care of this in the tropics by providing the short days and long nights required. In a lighted living room the plant is likely to get just the reverse. Even a dimly lighted hall is not dark enough. Cover with a black cloth.

Pleasant Indian Summer

Indian summer is actually later than ordinarily thought. Late autumn or early winter is the right time for that unusually warm spell that may occur then. The term is not confined to this country only, for 3 continents enjoy it.

Historians tell us that the term was first used in this country in Western Pennsylvania, then spread to New England by 1798. A year later, the word was heard in New York state, then to Canada and by 1830 was used in England.

A hazy, smoky-looking day with unusual warmth is generally called Indian summer. Why is it called Indian

summer? No one seems sure, but some sources account for it, because there is a similar season in India. Some think it is the time that our American Indians prepared for winter, others say the early settlers attributed it to the smoke from Indian fires.

Just Before Serving

The canned variety of citrus fruit juice is as good in flavor and food value as the fresh juice if it is handled properly. Pour the chilled juice back and forth several times from one glass to another just before serving.

This pouring process puts the air back into the juice which was removed

Christmas Playlet

We have prepared for readers a Christmas playlet, entitled, "The Beautiful Symbols of Christmas." It is suitable for grade school or Sunday school classes. It requires a boy announcer, a choir of young children and any number of boys and girls from the first grade up. To get this playlet, send 5 cents to the Farm Service Editor, Kansas Farmer, Topeka.

during the vacuum canning. But do not pour long in advance of serving, always just before serving. Otherwise the added air will have time to destroy the vitamin C in the juice by oxidation. And we drink citrus juices for vitamin C. The same rule applies to the preparation of potatoes, mashed potatoes which have had air whipped into them have less vitamin C than baked or boiled potatoes. This rule applies to any fruit or vegetable salad, too. Prepare only just before serving.

Patterns for All



4789—Cute little frock with puff or angel-winged sleeves, petticoat, full skirt. Slip included. Sizes 2 to 10. Size 6 dress takes 2 1/4 yards of 35-inch fabric; slip 1 1/4 yards; for both 3 1/2 yards of 1 1/2-inch eyelet.

4545—Fashioned for fiestas, tea length or dinner length, stunning in a crepe and lace contrast. Long, flowing lines. Sizes 24 to 48. Size 36 requires 3 yards of 39-inch fabric; 1 yard of 39-inch contrasting fabric.

9406—Young girls love this 2-piecer with a large collar, peplum, full skirt.

Sizes 10 to 16. Size 12 takes 4 1/4 yards of 35-inch fabric; 3/4 yard of 35-inch contrast fabric.

4540—Mix and match blouse and jumper outfit. Kind to your budget, expands wardrobe. Sizes 11 to 17. Size 13 jumper requires 2 yards of 54-inch fabric; blouse 2 1/4 yards of 35-inch fabric.

4880—An intriguing princess frock with smart cuffs worn turned up or down. Sleeves in one piece with side panels. Sizes 12 to 20 and size 40. Size 16 takes 5 1/4 yards 39-inch material.



Good together
-for dessert

Cherry Tarts

Make 6 tart shells from your own favorite pastry recipe, or mix. While baking, drain juice from 2 cups canned pitted sweet cherries. Mix 3 tablespoons sugar with 1 tablespoon cornstarch in small saucepan. Stir in 1/4 cup cherry juice and continue stirring over medium heat until thick and clear. Fill shells with cherries. Pour mixture over them. Chill and serve with whipped cream.

Cherry Coffee

A whiff of Hills Bros. Coffee ... and you feel refreshed. A sip ... and you're delighted with the wonderful flavor. There's a freshness and a goodness to Hills Bros. Coffee that bespeaks a blending of the world's finest coffees. And "Controlled Roasting," an exclusive Hills Bros. process, roasts the blend a little at a time—continuously—for delicious uniformity. Hills Bros. Coffee is vacuum packed in cans for utmost freshness.

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

Christmas Seals Are Ready

By CHARLES H. LERRIGO, M. D.

A SMALL boy, with eager eyes beneath his shocks of hair, sits in front of a blazing fire. He is waiting for something, quite expectantly. Altho he knows well that no human form can descend while the fire burns he is waiting for Santa Claus.



Dr. Lerrigo

But there is sadness about his waiting. Being a red-blooded boy he naturally has asked for a bike, a baseball bat and mitt, and roller skates. But he has a really heart-felt wish that Santa Claus will make his sister well again. You see, this boy lost his mother when he was a tiny fellow and his sister has had to try to take her place. Now, his sister is sick. They say she has the same thing their mother had—T. B. The little tow-head has written Santa Claus a letter about it—and now he's waiting, hopefully.

That is all pictured in the 1948 Christmas Seal, sheets of which will soon arrive in your mail. It is wonderful what that cheerful Christmas Seal has accomplished in the 40 years of its existence. Tuberculosis still stands in the front row of the diseases that kill our citizens. It claims only one victim now, where it took 4 in the days of old. Yet every 11 minutes of last year this country lost a valuable citizen—snatched to the grave by T. B. The gains made are due to your purchases of Christmas Seals, thus helping the Tuberculosis Associations find the disease in time to conquer it. They use clinics, X-rays, nurses, doctors, rehabilitation and give instruction and encouragement in the maintenance of good health by proper nutrition. They are depending upon you to help keep up the fight.

As Christmas approaches all of us would like to feel that we have done something to add to another's happiness at this season.

The joy that Christmas normally brings is not complete unless we have that inner satisfaction that comes with knowing we have made a contribution to the welfare of others, that we have overlooked no little thing that might make this Christmas a better one.

Each person may know of some special thing he can do to make Christmas happier for another. For one person, it may be buying skates for a tow-headed boy. For another, it may be sending a basket of fruit to an invalid. But, regardless of what we may do for individuals, there is one thing all of us can do for everyone in the community.

We can all buy and use Christmas Seals. In Kansas this Christmas Seal Sale is sponsored by the Kansas Tuberculosis and Health Association. Doctor S. L. Cox, executive secretary, Topeka, Kan., will be glad to send you pamphlets about prevention and cure of T. B.

Ask Your Doctor

A man 70 years old has the flu. While confined in bed he takes "shots" for his asthma. His arm gets sore from the "shot" and has to be lanced. What causes it?—E. J. C.

This is obviously a question to be answered by the attending physician. No one but he knows the nature of the "shots" or the conditions under which they are given. I often wonder at the reluctance of a patient to go back to the doctor for explanations of things not understood. Most doctors are reasonable beings and glad to explain.

Do It Early

What is the outlook for a baby with cleft palate? At what age should it be operated?—F. M. B.

Cleft palate should be operated on at as early an age as possible. The success



of the operation depends upon getting a good bony framework and this is done better early than late. Very good results are obtained, but you must not expect the whole thing to be done at once. The surgeon will perhaps do the operation in stages. It may take several operations to get satisfactory results.

Big Oil Supply

Known underground supplies of crude oil in the U. S. now are the highest in history—more than 900 billion gallons, states the Oil Industry Information Committee. This high known reserve has been increased thru modern exploratory and production methods.

A few years ago oil men were able to recover only about 20 per cent of the total oil in a well. Now they can recover several times that amount thru new improvements.

In addition, research is making possible the utilization of natural gas, coal, oil shale and tar sands as extra sources of liquid fuel.

About 40,000 wells, a new record, will be drilled this year. About 7,000 of these will be wildcats in search for new oil sources.

Depends on Mealtime

Scientists have studied egg production by the hen, and how it could be increased by electric lighting that makes longer the short days of winter. In studies along this line, poultry specialists at the U. S. Agricultural Research Center at Beltsville went all the way, and extended 14-hour lighting to make it continuous, 24 hours a day of electric lighting and no sunlight.

They found this did not disturb the egg-laying schedule. If the hens got their main feedings of the day between 8 o'clock in the morning and 4 in the afternoon, they continued to lay nearly all their eggs during those daytime hours.

As an experiment, the scientists then

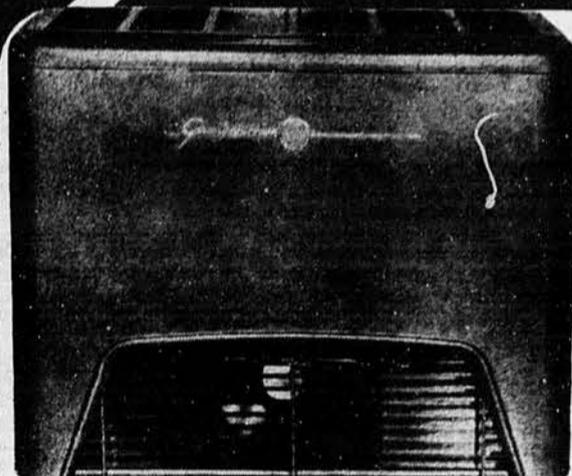
For Boys and Girls

"Why Holly Has Green Leaves," is a jolly little play full of the Christmas spirit. There are parts for several boys and girls. Order from Entertainment Editor, Kansas Farmer, Topeka. Price 5c each.

changed the feeding time for part of this flock. The hens got their main feeding under the lights between the hours of 8 in the evening and 4 in the morning. The result was that within 10 days this flock had changed its egg-laying habits and was laying all its eggs in the electric-lighted night hours.

Egg laying, it appears, is associated more with the feed basket and feeding activity than with the clock, or the sun. The lighting experiments have proved well worth while and highly practical in increasing egg production in winter. No immediately practical results are anticipated.

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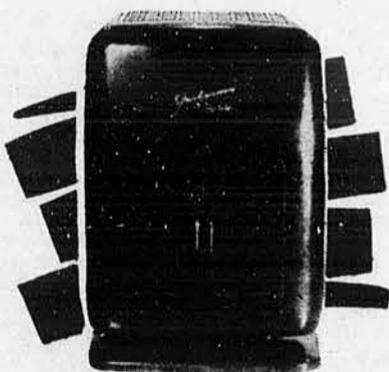
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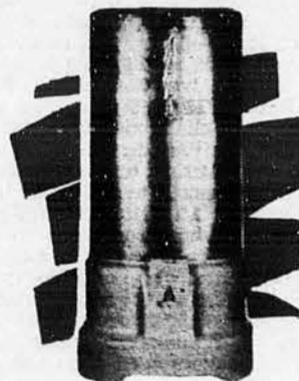
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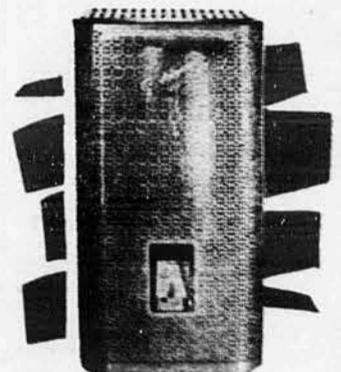
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Mrs. Wm. J. Turvey, poultry raiser in the far north state of Washington, tells an interesting story of increased egg production. She says:

"I have 178 chickens. In November, their appearance was poor, and I was getting 19 to 23 eggs a day. I started giving Don Sung in their feed. Now, in December, I am getting 130 eggs a day, and my flock is livelier and looks much better. Surprised isn't the word—I'm really amazed at the change in my flock."

Will you do as well? We don't know. But we do know that you mustn't expect eggs from hens that are weak, under-vitalized and lazy. When flocks are deficient in manganese, vitamins, and other essential elements which laying hens require, and which are necessary to pep-up egg production, Don Sung supplies these essential supplements. It does not force or hurt the hen in any way. Why not try Don Sung for your flock? Send 50c for a trial package (or \$1 for the large size holding 3 times as much) to Burrell-Dugger Co., 227 East South St., Dept. U, Indianapolis, 4, Ind. Don Sung must show you a profit or your money will be refunded. Start giving Don Sung to your flock now.

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How to Finance Schools

Suggested in Kansas Farm Bureau Resolutions

By CLARENCE RUPP, Director of Information, Kansas Farm Bureau

A BROAD program of action, perhaps the most progressive and comprehensive in the history of the organization, was adopted in Topeka, November 11, by 256 county voting delegates of the Kansas Farm Bureau.

Adoption of the 1949 program of work climaxed a 3-day convention which featured addresses by Allan Kline, president of the American Farm Bureau Federation; Mrs. Wilma Sledge, director of Farm Bureau women's activities in Mississippi; Tom Collins, publicity director for the City National Bank and Trust Company, of Kansas City; Vernon Vaniman, organization director in the Midwest for Farm Bureau; and John Sjo, Kansas State College student, whose tour of Europe this summer was sponsored by the Kansas Farm Bureau.

An outstanding resolution in the 1949 Farm Bureau program is a policy statement on financing elementary schools in Kansas.

During this past year, Farm Bureau leaders in most counties have met in discussion meetings to give careful study to the school finance problem. There is still wide variation throughout the state. In some communities, there is bitter opposition to state support of any kind because of the conviction that state support means state control. In other communities, there are leaders who would like to see greatly increased state support, and who believe county-wide school levies should be high enough to bear the bulk of the cost of local financing.

Between 2 Extremes

The official statement of the Kansas Farm Bureau, as adopted in Topeka on November 11, naturally is between these 2 extremes. But when the resolution was presented to delegates for final decision, it received unanimous approval.

Farm Bureau leaders approved 2 fundamental principles. They believe every Kansas child should have the opportunity of attending a satisfactory elementary school which measures up to certain minimum standards. They believe, too, that all property should pay some school tax. In that connection, delegates gave unanimous support to the Legislative Council's recommendation that the county-wide 2-mill levy for elementary schools be made permanent. This levy was established on a temporary 2-year basis by the 1947 session of the legislature.

Going beyond county local financing and county-wide levies, the delegates whole-heartedly approved 5 principles which it is believed will be included in a school finance bill to be presented by the Legislative Council to the 1949 legislature. These 5 principles are:

(1) The classroom unit as a basis for distribution of state funds, rather than distribution of state funds on a per-pupil basis. Farm leaders have declared that 15 children enrolled in a one-room school require a well-qualified teacher fully as much as do 25 or 30 children in a single grade in a city school. The classroom unit basis gives equal consideration to the teacher needs of a one-room school with 15 pupils, as compared with the teacher needs of the larger classroom in a city school. A per-pupil distribution, of course, would give the larger city room a terrific advantage in distribution of state funds.

Criticize Present Aid

(2) A guarantee to each school, sufficient to meet its minimum operating budget. In this connection, the Farm Bureau delegates criticized the present state-aid and state-support laws deeming them completely inadequate. It was pointed out that the guarantee of \$1,000 provided in the state-aid law is not realistic when operating budgets of most one-room rural schools have risen above \$2,500. The state-support law was criticized because it has distributed large amounts of money to districts which did not need outside help.

(3) Some incentive to encourage employment of better-qualified teachers. Farm Bureau leaders, in general, were not ready to approve the schedule of guarantees set up in the School Board plan, since, under that plan, a school

hiring a college teacher would be guaranteed twice as much money as a school hiring a teacher with a high-school diploma. Most Farm Bureau leaders believe there should be some incentive for hiring better-qualified teachers, but that the increased cost should be borne mainly by each district.

(4) Increased use of indirect taxes for school financing. No specific mention was made of which tax should be used for state school support. A majority of Farm Bureau leaders believe a larger portion of sales tax can be allocated to school support, and there are some who believe that some income-tax receipts might be earmarked for school support. On the severance tax, there is sharp disagreement in some areas. A majority of Farm Bureau leaders, in meetings held throughout the state this summer, believe that a severance tax could be used to bear a part of the cost of financing elementary schools, if such a tax did not increase the tax bulk on mineral products above taxes paid in other states, and if it did not deprive county and other local governing units of substantial amounts of revenue they now receive thru direct taxes on mineral production.

Oppose Rigid Reorganization

(5) Encouragement of voluntary consolidation of inefficient districts. A vast majority of farm leaders are strongly opposed to rigid reorganization laws. They recognize the need for consolidation and they believe consolidation will continue as roads are improved and as it becomes evident to local districts that consolidation in some cases would be more satisfactory and more efficient.

A Farm Bureau statement on school finance included a declaration that Kansas schools should continue to be supported by local revenue sources in sufficient degree to assure local control.

On other state issues, Farm Bureau delegates called for legislative measures to eliminate "gross inequalities which exist in assessment of Kansas real and personal property." Strong approval was given to a proposal to expand the Kansas Medical Center for training sufficient doctors to meet Kansas needs. A brand law, proposed by the Kansas Livestock Association, was approved. Approval was given to 4 Legislative Council bills on oil-well pollution, land titles, driver's license, and financial responsibility of motor-vehicle operators.

Against Farm Gas Tax

Farm Bureau delegates reaffirmed their opposition to state gasoline taxes on agricultural gasoline. It was pointed out that official research by the Kansas highway department shows that rural revenue sources always have borne more than their fair share of the cost of building and maintaining township and county and state roads.

However, the delegates gave their support to an improved state highway and secondary road system and included the following sentence in their program for 1949: "If it can be established that additional revenue is necessary to develop and maintain the state highway and secondary system, we will support increased taxes on gasoline used on the highways."

To meet pressing needs for funds to improve local farm-to-market roads, the delegates asked the legislature to lift the present statutory limit of 2 mills on township road levies to a level sufficiently high to enable townships to build and maintain their roads. The legislature was asked to make a study of the need for increasing the statutory limits on county-unit road levies.

Approve Long-range Bill

Turning to national issues, the delegates approved the 1948 long-range farm bill as passed by the 80th Congress, but they asked the new Congress to amend the Commodity Credit Corporation's charter to enable CCC to acquire sufficient storage facilities to make its loan program effective.

On the subject of soil conservation, the Kansas Farm Bureau resolution did not mention specifically the co-ordination program which has been

urged on the United States Congress by the American Farm Bureau Federation.

The need for local control of all agricultural programs was recognized, and Kansas agencies of Soil Conservation, the Production, Marketing and Administration, and the Extension Service were complimented for their effort to adapt policy and practice to local needs.

It was recognized that soil conservation is moving much too slowly. In the following language, it was suggested that local Farm Bureau leaders and organizations can do much to speed up the work of soil conservation: "We urge that local units of Farm Bureau and other general farm organizations give strong support to the program of soil conservation in an effort to promote co-operation in the program by sizable groups of farmers in each local community, rather than by scattered individuals acting on their own initiative."

Served No Real Need

The United States Employment Service was criticized sharply for its administration of the farm-labor program. The resolution said that the farm-labor service, as operated by USES in the summer of 1948, served no real need of Kansas agriculture, and closed with this statement: "We further suggest that, if USES cannot adjust its manner of operation to satisfy the needs of Kansas agriculture, the United States Congress return the farm-labor service to the Extension Department."

In the closing business session, Herman A. Praeger, of Claffin, was re-elected president of Kansas Farm Bureau for a fourth term.

W. I. Boone, of Eureka, who has been director from the fourth district since 1944, was elected vice-president to succeed Walter L. Olson, of Dwight. Mr. Olson resigned when his home county of Morris failed to affiliate with the state federation this year. Herman Meyer, of Lincolnville in Marion county, was elected fourth district director to succeed Boone.

Directors who were re-elected for another 2-year term include Lee Burnett, of LaCygne, in the second district; Ward Sullivan, of Hays, in the east sixth district; John Ramsey, of Benkelman, Nebr., in the west sixth district; and Emmett Blood, of Wichita, in the eighth district.

There was one change in the state committee heading the Associated Women of Kansas Farm Bureau when Mrs. Fred Hubbard, of Muscotah, was elected to succeed Mrs. Harlan Deaver in the first district. Associated Women directors who were re-elected include Mrs. Dan Lynn, of Liberty, in the third district; Mrs. E. J. Richards, of Belleville, in the fifth district; Mrs. T. W. Baker, of Pratt, in the east seventh district; and Mrs. Victor Haflich, of Garden City, in the west seventh district. Mrs. Richards also was re-elected vice-chairman of the Associated Women. Mrs. Ralph Colman, of Lawrence, is state chairman. She was elected to a 2-year term at the 1947 convention.

Many Hear Kline

The largest audience of the entire convention gathered in Topeka's municipal auditorium the afternoon of November 10, to hear President Allan Kline, of the American Farm Bureau Federation, discuss the 1948 farm program and the need for a realistic approach to our economic problems ahead. It was estimated that between 900 and 1,000 people gathered to hear President Kline.

In his address, President Kline urged constant effort by all Farm Bureau members to decentralize Government controls if we are to retain a free-enterprise economy. He pointed out that meat rationing was a cruel disillusionment. He warned of the dangers in the increasing public debt and inflationary spending of public funds.

Higher living standards for all people can be achieved only thru the full production by all economic groups and "you can't create pork by passing a law," Kline declared.

Pointing to the need for a Farm Bureau program, he warned that farm prices are elastic, and farmers now have sticky costs that are higher than their gross incomes prior to 1943. "We didn't solve all of our problems on election day, and we can't expect our Government to solve our problems. The problems ahead of us require the careful study and co-operation of all citizens."

The Unloading Chute

All readers of Kansas Farmer are cordially invited to express their opinions in these columns on any topic of interest to farm people. Unsigned letters cannot be considered and no letters will be returned.

Our Signals

Dear Editor: I was reading in the Kansas Farmer an interesting account of a pageant or an exhibition of plowing and threshing in Wisconsin, and asking what our code signals are here.

Well, I ran a steam traction engine off and on for several falls and some winter threshing. Our code signals went about like this: 2 long blows for calling the hands to work, 1 long for quitting at noon or night to let them know not to come back to the machine, 3 longs to call the water haulers, 1 long and 3 shorts for grain haulers, 4 long meant for one of them to bring on 1,000 or 1,200 pounds of coal, 2 blasts or toots to start up a signal to keep out of the way or might get hurt or killed. If you didn't and someone did get hurt badly it might go hard with the engineer. If something went wrong and we had to stop I would just toot the whistle so the pitchers would stick their forks and quit pitching for the time being. I always would signal when I started up as a warning.

I have eaten more than one meal of breakfast and dinner on an engine, running it at the same time. The old smoke rolling we were hard hit at times. We were threshing 8 bushels a minute. Had a 20-horsepower engine, 3660 separator fully equipped.

I remember those horsepower threshers. They fed by hand. I drove the power a half a day when I was only 9 years old. The regular driver took it from then on. They said I did very well for a kid. It had 12 head of horses on it.—D. S. Lovette, Bird City.

About Our Schools

Dear Editor: I read your article on schools, October 2, 1948, issue. This week I read the October 16, 1948, article. Your October 2 was very good. This week I do not agree with all of it. It worked out there, but I'll bet 7 out of 10 would not work out like the article of October 16 did.

What's the matter with our rural schools?

1. Too much political power in state house on education. This should not be political. It is for the people around their own community to work out their problems with the help of the county superintendent as to where their children go and where the school buildings are to be.

2. Most of our state legislators are lawyers and attorneys from the cities. . . . They do not know the problem of the rural community. . . . They would not drive a bus out in the rain, mud, snow and cold after the children. They would not want their children to wait in the rain or cold for a bus and haul them early and late and over from 12 to 40 miles, neither do we.

People in town that have money are buying up farms and renting enough farm land to one man to keep from 2 to 4 families. And the worst is they take the buildings down to make cheaper taxes which lowers the rural school valuation, depriving the children and community of a good education. If I fix up my farm buildings my taxes go up. Now these people want to bring the children who are left in the country in to the cities to help build schools and pay their taxes. To make schools larger (they should not be too large) they should keep all rural schools in the country but group them

Answer to the Crossword Puzzle

(See Page 13)

M	E	A	T	G	E	S	T	A	L	B	
A	G	R	A	A	T	L	I	M	O	A	
T	O	R	S	S	T	A	L	K	E	R	S
A	T	A	A	T	T	E	N	D	S		
P	A	N	E	L	S	H	E	N			
R	E	G	R	E	T	T	E	D	P	E	T
O	R	E	S	A	A	R	A	U	R	A	
P	O	D	A	M	B	E	R	G	R	I	S
A	R	M	D	O	U	S	E	S			
S	H	E	R	B	E	T	E	L	L		
P	A	S	T	O	R	A	L	H	A	R	E
A	L	P	R	E	L	Y	A	N	E	T	
N	E	Y	I	D	L	E	S	E	T	A	

so as to make a larger rural district.

You know now the country home can and is being made as convenient and nice as a city home, and it is out where it is quiet, and away from the noise and confusion and is always fresh and clean. And a very good place to bring up the children.

Education does not all come out of a book. Children walking home from school study the birds, trees, flowers and all kinds of animals and plant life. They also learn to get along with things they have and do well with them. . . . If they go to a school and work with a \$200 to \$300 machine in woodwork that will not do them much good because they cannot have one like it. If they learn to use a plane, saw and chisel well they can at home.

I wish I could talk to you personally and take you around and show you some of the problems as I see them, and see and interview our superintendent.

I might add the country school hires a beginner, then in 2 years when she gets educated to handle all children and grades the city school nabs her. Many a good teacher is lost because she can't afford to go on to college before teaching.—George L. Wood, Detroit, Kan.

Egg Price Too Low

Dear Editor: I read the article on eggs by Norman R. Clizer. It certainly is up to the producer after the hen lays the egg. But our grief out here in the western part of Kansas is too low price for eggs. We pay as much for our feed as they do on the west coast. But the producers on the west coast get twice as much for their eggs. I would like for someone to do something about this. We live about 50 miles from the Colorado line and eggs are shipped from here at a higher price. And the same way east of us.

I believe it would mean more money for the farmers, and also farmers would take more interest in producing eggs of better quality, if a truck with a cooling system would go from farm to farm and pick up eggs. I am sure some energetic person could make a good business of it. I certainly would like to see some action taken on this matter for the benefit of myself and fellow neighbors. They do most everything with trucks, so why not get us a better price for our eggs and better-quality eggs to those that need them.

It is true that people gather their eggs and leave them in the kitchen in the summer for days. And it is no wonder we have poor-quality eggs. Western Kansas is a great place for chickens because there is lots of room. But very few farmers have chickens in large quantities, due to the cheap price and expensive grain one has to use.—Mrs. Goldie Williams, Russell Springs, Kan.

Farm Oddities

Dear Editor: I think of 2 things happening lately that you might use. I killed a nice, fat April-hatched chicken for a birthday dinner recently. As I was dressing it, I found a cap of dried yolk of egg nearly half-way over the heart on the small end. The cap fit so tightly I wonder how the heart could beat. Apparently, it had been there since the chicken was hatched. The chicken was fat and normal in every other way.

We have a small Hale peach tree that has been blooming for 6 weeks. Fruit was frosted here last spring. It is so dry here, I wonder at that peach tree blooming—about one dozen blooms, 2 at a time.—Mrs. G. W., Greenwood Co.

Paint-Spot Remover

Spatters of paint often are dry before they are discovered. Remove them easily with nailpolish remover applied with a cloth. Paint spots on hands and clothing will yield as quickly.—Mrs. E. A. K.

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SIoux FALLS, S. D.

Key to Success

(Continued from Page 5)

seed germinates above 90 per cent. Farmers are given as much freedom as possible under the SCS farm-planning service. Technicians try only to give farmers a general rotation program, or a sequence of crops. They don't try to tell farmers how individual fields are to be handled.

Farmers are informed as to what legumes are best for the county, how long they can be maintained in the rotation, and what crops do best following each legume. "Farmers do an excellent job of using crop rotations to fit their farms when they know what to use," says Mr. Reed.

Rotations Being Used

Principal rotation being followed is 2 years of sweet clover, 2 years of small grain, one year of row crop, then back to sweet clover. Sweet clover is seeded in the spring at 10 pounds an acre of cleaned and scarified seed. It is pastured the first fall and the following spring until June. It is plowed under in June and summer-fallowed until wheat-seeding time.

Where a sweet clover seed crop is desired, the crop is pastured about 30 days in the spring, then allowed to go to seed.

The second rotation is alfalfa 4 to 5 years, followed by small grains 2 years, row crops 2 years, back to small grain 2 years, then back to sweet clover.

A third rotation being used starts with 2 years of sweet clover. The second-year sweet clover is allowed to seed and fall down. It is then given a heavy disking or light one-way in July. Weeds are kept down until September 1, when a brome-alfalfa mixture—at a rate of 12 pounds brome to 3 pounds alfalfa—is seeded in the stubble with a cultihoe.

Farmers try to leave as much of the sweet clover stubble as possible on top of the ground. This new system is proving very valuable on rolling land. It prevents erosion while brome-alfalfa is getting established, builds up nitrogen in the soil and provides a trashy seedbed that insures a good stand. Under this plan a heavy volunteer stand of sweet clover comes up the spring following working with disk or one-way. By fall, there is a lot of pasture from the volunteer clover and the brome-alfalfa coming up as a new crop.

A tremendous amount of pasture is afforded the following spring. "You can hardly overgraze this combination the second spring," Mr. Reed claims. The sweet clover gradually fades out of the mixture and the alfalfa stays on to feed nitrogen to the brome and give additional pasture.

Because brome in the Jewell county area does not respond to commercial nitrogen, it probably will have to be used as a grass rotation rather than as a permanent stand. Some brome in Jewell county withstood the drought of the 1930's, but no one knows how long it will produce enough pasture to be practical. Farmers are hoping that locally grown seed will make brome increasingly valuable as a long-time pasture grass.

Sorghums Do Better

Two other points in the Jewell county program are important. Sorghums are being recommended instead of corn for upland rotations. "Over a period of years, sorghums are much more sure to make a crop and will bring higher returns," Mr. Reed points out. The other point is that the SCS office is serving as a clearinghouse for locally grown grass and legume seeds. This encourages local growers and insures other farmers getting adapted strains of known quality.

Now, let's take a quick look at some Jewell county farmers to see how they are putting this over-all program into practice:

Raymond O'Hara bought a 520-acre upland farm less than 2 years ago. Already he has plowed under sweet clover, or has it growing, on every crop acre. He had 16 acres of Ellis sorghum following clover this year that made 12 tons of silage an acre. His milo will make 40 to 50 bushels of grain an acre. He also got a lot of pasture off the sweet clover in addition to silage and grain.

On another farm Mr. O'Hara has 35 acres of Buffalo alfalfa that last year produced 100 bushels of seed after 2 tons of hay an acre had been taken. With hay at \$20 a ton and seed at \$1 a

pound, his gross income to the acre was \$211. A 45-bushel corn crop selling at \$2.50 a bushel would have brought a gross of only \$110 an acre.

Bradley Judy has turned 200 acres of upland cultivated land back to brome. He terraced first and seeded to sweet clover. Brome was seeded in the clover stubble and is doing well. He also had some bottom wasteland that has been cleaned up and seeded to brome-alfalfa. This will be divided into small pastures for hogs. When Mr. Judy's ranch plan is complete, only 50 acres out of 2,000 will be in crops. The rest will be in grass and legumes.

Like many farmers in Jewell county, George McCune has built his own terraces. Where the minimum base width is 20 feet, his are 26 feet. These terraces will settle less and will be easier to farm over. He also has seeded some bottom land that floods badly to brome-alfalfa for pasture. His returns have been high on land where grain crops always were flooded out.

Mowing Gets the Weeds

Harry Patterson, who has had unusual success with brome-grass waterways, points out that mowing the waterways to keep down weeds is important. "Weeds shade out the brome if you don't," he says. His method of establishing these outlets is to plow in the fall and springtooth in the spring. He drills his brome in at the rate of 18 pounds an acre and packs well. Mr. Patterson believes legumes, terraces and grass outlets are worthwhile on all land he farms, whether it is owned or rented.

Jewell Russell is running 50 head of cattle and 82 head of hogs on 20 acres of brome-alfalfa bottom-land pasture. Cattle and hogs have access at night to an adjoining cornfield. He says: "My cattle are in better condition and are saving me the cost of baling hay and husking corn." Sweet clover and alfalfa are being used in rotations over all cropland.

George Wierenga, who has 800 acres of native grass divided into 7 pastures for rotation grazing, brought out some new thoughts on this practice. He puts all cattle in one pasture at a time and leaves them until the grass is eaten evenly and fairly close, then moves on to another. He may have 2 or more pastures each year that get a complete rest under this system.

But here is an important point in rotation grazing, as he explains it: "When you force your cattle to graze evenly and close in a small pasture, they pasture off all the undesirable species of grasses. If they have too much grass to choose from they eat your good grass too close and leave the undesirable grasses. In a few years, the undesirable grasses take over your pasture."

A Change Is Good

Here are some other points. "No matter how full you think your cattle are," says Mr. Wierenga, "they respond to a change in pasture. A fresh, untouched pasture stimulates their appetites and they eat more. Under rotation, where all grass is eaten, about one-third more cattle can be handled with the same amount of pasture and cattle will gain more. Using smaller pastures in rotation also helps the breeding program with my cow herd. Under the program now being used, one bull will settle 65 cows in 45 days. This would not be possible if the cows were running in one large pasture."

What Can Happen

On one farm we saw what happens when crop rotations are not followed. We saw a cornfield that had been taken over by Black Amber cane. Where there should have been a bumper corn crop, there were only a few sickly stalks and the rest of the field was a mess of cane and weeds.

But this field was an exception. Farmers in Jewell county are responding well to the self-help soil-conservation program. Grain yields are coming up and farming is becoming easier and more profitable thru greater use of temporary pastures. "We have found the key to success. It is only a question of time now until Jewell county has its soil-erosion problem whipped," concludes Mr. Reed.

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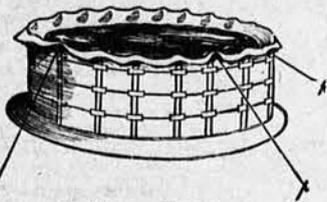
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Now That You Have Electricity

ELECTRIFICATION of farms is making big strides, judging from a recent report of the U. S. Department of Agriculture. Better than two thirds of the farms in the Nation are receiving central station power, it is revealed, compared to 61 per cent a year ago, 46 per cent in 1945, and less than 11 per cent in 1935. Kansas now has 71,161 farms receiving the service.

Despite all this growth, there are a lot of folks now receiving high-line service who do not use this facility enough to make the installation worthwhile. A few bare lights in the house, and perhaps an appliance or two, will not do enough work to make the cost of bringing in the line stay within reason. It is not recommended, on the other hand, that a person buy every electric appliance offered—it would be foolish to have a toaster in a family that doesn't eat toast.

Some folks wrote in the other day asking what size water heater they should have. They gave the number of persons in the family—and that was all. Frankly, it is well-nigh impossible to give any help in a situation of that sort. They gave no indication as to whether they expected to heat water for the laundry, or whether there might be a small dairy unit on their place. As we have pointed out, the average individual uses 15 gallons of hot water a day. Thus a 40-gallon heater is sufficient for a family of 2, an 80-gallon size is required for a family of 6, providing there is not a lot of non-personal use for hot water.

We were intrigued during a visit to an electric-supply house with a device for the barnyard—the new electrically heated drinking cup for livestock. It does its best work in subzero weather and consists of the heated drinking-cup unit enclosed in a durable metal housing. It is fed from the farm water system thru an electrically heated water pipe. The stock merely nose down a treadle in the base of the cup which causes the water to flow automatically. The entire operation is thermostatically controlled so that in summer no electricity is used. It requires little if any attention after it once is in operation.

Harold Rohrer, Junction City, came up with a new appraisal of electric service on the farm when I paid him a visit a few weeks ago.

"We use electricity in just about every available way on the farm. We have 2 milkers, 2 separators, washing machine, radio, water system, yard lights, corral lights, lights in the barn, in the poultry houses, and a lot of things beyond that. Our bill runs around \$16 a month—why, man, I wouldn't want to turn those 2 separators twice a day for that amount."

It is worthwhile to pass along a discussion on home freezers given by a U. S. D. A. specialist. It seems there is some difficulty in the matter of choosing between upright or horizontal models. While operating costs are virtually the same, he points out, there are some factors to consider.

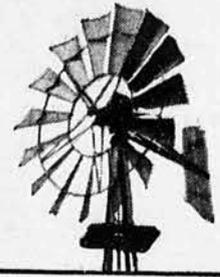
An upright freezer takes up less floor space than a chest freezer of the same capacity, but it exerts more weight per square foot of floor space. It may require some strengthening for the floor joists with either type but it is more likely with the vertical model. Consider, also, the matter of convenience of reaching the stored food, whether you need some more table space (such as the top of a horizontal freezer provides), and whether the vertical type is constructed properly to allow for the fact that cold air remains at the bottom while warm air rises. There are several units manufactured of both types.

We probably have omitted some, but a list of uses of electricity in the home numbers way over 50. You farm households likely will be able to add to this list—I wish you would. But it is a first attempt to summarize the appliances and uses that are available "now that you have electricity." How does your home compare with this:

- | | |
|-----------------------|-----------------------|
| electric blanket | air heater |
| electric sheet | heating pad |
| electric foot-warmer | hotplate |
| food mixer | ice-cream freezer |
| burglar alarm | hand iron |
| casserole | rotary or flat ironer |
| chafing dish | lighting |
| churn | radio |
| coffee maker | range |
| clock | razor |
| air conditioner | refrigerator |
| food cooker | roaster |
| cream whipper | sewing machine |
| curling iron | sun lamp |
| dishwasher | toaster |
| garbage-disposal unit | vacuum cleaner |
| clothes drier | vibrator |
| clothes washer | waffle iron |
| insect electrocutors | water heater |
| room fan | water pump |
| home-cooling fan | paint sprayer |
| furnace fan | bottle warmer |
| griddle | heat pump |
| grill | egg cooker |
| hair drier | floor polisher |
| heat lamp | calculator |
| | chicken singeing tool |

Food Saving

When making a fruit pie and it is rather juicy, I add a tablespoon of prepared fruit pectin. Sprinkle lightly over the pie before adding top crust. When pie is done, the juice is thickened.—F. L. K.

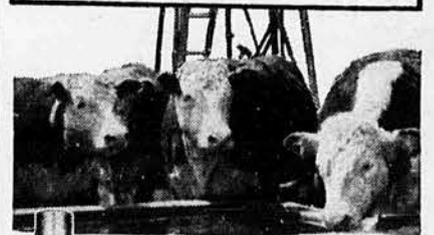


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Honor to Safety Winners



WHILE in Topeka, recently, Senator Arthur Capper took great pride in honoring the 1948 farm safety winners at a luncheon, and joining them in a broadcast over WIBW arranged by Ben Ludy and Gene Shipley. Senator Capper tells about the winners in his editorial, "They Stop Farm Accidents," on page 7, in this issue of Kansas Farmer.

In this picture at the luncheon broadcast are, left to right, J. C. Mohler, secretary of the Kansas State Board of Agriculture, and chairman of the Farm Safety Committee of the State Safety Council; Wanda Stalcup, Stafford county, to whom Senator Capper presented a gold watch; Senator Capper, and Raymond H. Gilkeson, editor of Kansas Farmer.

Plant PIONEER Hybrids

For **HIGH SHELLING PERCENTAGE**

Unload Combine
in less than
1 MINUTE

10" Tube
Largest
Built

**SNOWCO
"MAMMOTH"
Combine Auger**

**Unloads Combine "On the Run"
Greatly Speeds Combining**

NOW—Speed up combining 25%! Get 2 to 3 extra combining hours every day. Save work, money. It's easy when you install SNOWCO'S gigantic new 10" Combine Auger.

This huge 10" tube unloads combine bin faster than any other. LESS THAN A MINUTE! TRUCKS CAN BE LOADED ON THE RUN—without slowing combine. This avoids straw piles which slow plowing. No need to carry planks on which to drive combine when loading into high truck. Safer, too—eliminates climbing on combine. Positive friction clutch controlled from tractor seat or operator's platform. Positive chain drive. Telescopic drive shaft. 2 universal joints—avoid vibration and breakage. Easily installed.

Models for:
IHC 122, SP123, SP125; Oliver 30; Case K; John Deere 17; Baldwin 127, 1936-1938; MM G, G1, G2, G3, G4.

WRITE for complete details and name of nearest dealer. State make of combine.

SNOW CORPORATION
5001 No. 30th St., Omaha, Nebr.

For Greater Farm Profits
Own a KANSAS-MISSOURI SILO and GRAIN BIN

They lead the field in every essential feature. There is a reason. Our New Method of manufacturing builds Greater Strength—Beauty—Durability. Grain Bins that are Waterproof—Fireproof—Vermiproof at a cost of only a few cents per bushel.

Look for the White Silo and Grain Bin. There is a difference. Investigate before you buy. Concrete Water Tanks, Building Blocks.

K-M
KANSAS MISSOURI SILO CO.
1929 Kansas Ave.
Topeka, Kansas, Ph. 2-2767
Write for particulars. Ask your neighbors. Come in and see us.

Conserve Your Soil

One man and any farm tractor builds terraces, dams, fills gullies, etc., easily, swiftly. Loads, unloads, spreads, without stopping. 1 1/2-yd., 3 1/2-yd. sizes. 2 models. Prompt delivery from your dealer or direct from factory. Send for Free Literature.

K-S ROTARY SCRAPER

Low as \$69

CENTRAL MFG. CO., 4924 Poppleton Ave., Dept. KF-5 Omaha, Nebr.

The BEAR CAT
Combination
GRAIN and ROUGHAGE MILL
Also ENSILAGE CUTTER

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

Plant
PIONEER
Hybrids
For
TOP
YIELDS

Farmers, Labor Rate High

(Continued from Page 7)

sumer) co-operatives. There will be a lot of talk about a new national farm program; there may be a fight to get price supports geared to 90 per cent of parity. But the odds look to be that so far as legislation is concerned, the Eighty-first Congress will not revise materially the price-support mechanisms provided in the Hope-Aiken compromise bill enacted by the Eightieth Congress. A food-stamp plan along the lines of the Aiken bill, to guarantee every person (in the United States, not yet the entire world) a minimum adequate diet, is distinctly a possibility.

Basically, the Aiken bill would prescribe a minimum adequate diet, well above the subsistence level, to every man, woman and child. If 40 per cent of the family income would not provide such a diet, then the Government would issue food stamps to buy the difference at the family grocery.

Groceryman could turn in the stamps at the bank as money, and banks would get the money from the Federal treasury. Workers could go on strikes, or go fishing, with the comforting assurance that neither they nor their families would suffer from lack of food. Farmers would be assured of a domestic market for their surpluses; railroads and other transportation agencies

ings open November 30 before the I. C. C.). But general opinion here is that the increases will be granted.

Railroads are expected to present a case justifying increases asked, and even more. Everything they buy has gone up, in line with the cheapened dollar, but railroads maintain that the big item is payroll increases. And with Government blessing, another, the fourth, round of wage increases in all industry appears due this winter and spring.

Last July the eastern railroads got bigger increases in freight rates than the midcontinent and western lines. This time all of them will get the same percentage increases over present schedules, including grains and livestock. The citrus industry on the West coast will be especially hard hit—probably will have to increase the proportion of fruit juices shipped to eastern markets.

The widening spread between prices farmers receive and prices paid, noticed during summer and fall, is borne out by latest B. A. E. (Bureau of Agricultural Economics) price figures:

Prices received dropped 4 points from September 15 to October 15, while prices paid dropped one point.

The parity ratio on October 15 was 111, the lowest in 6 years; 22 points under 2 years ago. Prices received were 277 per cent of the base period (1909-14); prices paid were 249 per cent—2 points below the record high of 251 in January, June, July and August this year.

Here are some high lights of the October 15 report from B. A. E.: All grains except rice were below 90



"Don't you just love the sound of rain on the roof?"

per cent of parity; all crops except rice, hay, cottonseed and tobacco were below parity.

All livestock and livestock products—except eggs—were at or above parity—beef cattle were 164 per cent of parity. But no cattleman could afford to produce beef at parity or anywhere near it. Eggs were 88 per cent, butter-fat 100 per cent, wool 101 per cent of parity.

Oranges were down to 43 per cent, grapefruit 30 per cent, of parity. (But parity for these is high as of today, just as parity for beef cattle is low.)

Feed prices declined 7 per cent during the month—the sixth consecutive month of falling prices. Food, clothing and household supplies dropped an average of one per cent. Seed prices went up 3 per cent—were 14 per cent above a year earlier.

Farm machinery and building prices edged upward, between one and two per cent.

Entertainment Helps

Whether you are planning for a class, a club, or for community entertainment in November, the following leaflets will be found useful. Suggestions for decorations and refreshments are included in most of the leaflets, as well as games. And the play leaflets require little stage setting. We shall be glad to fill your order promptly. Address Entertainment Editor, Kansas Farmer, Topeka.

- A Harvest Party price 3c
- A Pioneer Party (Can be made to fit any size group) price 3c
- "You Can Make It" Parties (6 party suggestions) price 3c
- Games for Young and Old (21 games) price 3c
- The Spirit of Our Forefathers (play—speaking and pantomime) price 5c
- A Ticket for Amy (play, requiring 3 characters) price 5c
- The Rehearsal (play for school-age children—grade or high) price 5c

would be assured of business of hauling food products in bad times as well as good; food processors and distributors would be assured of handling charges; groceryman would not have to worry about extending credit; and Government would be in the grocery business in a big way.

Unlike Rome, the Aiken bill does not provide free tickets for the games, due to some oversight. But those could be added later, to keep the idle from having too much idle time on their hands. Stomach security is just around the corner. This form of consumer subsidy, like the farm price supports, will be paid out of the Federal treasury—and the treasury will have to collect it thru taxation.

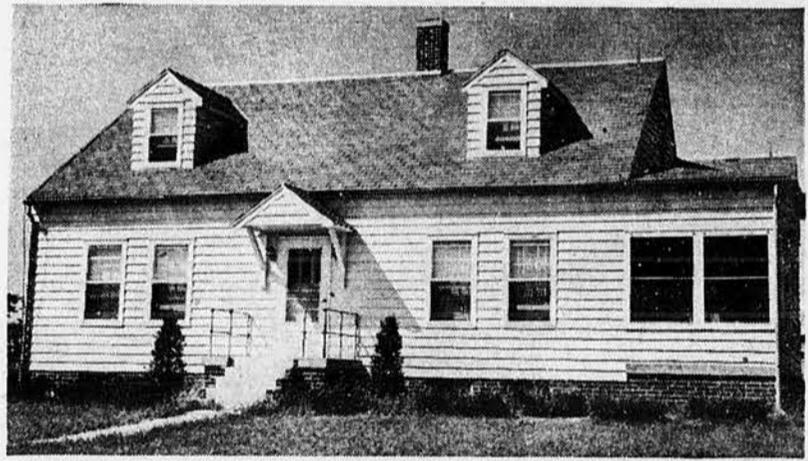
Meanwhile, some of the bills for the war and postwar inflation are falling due, demanding payment.

There is the little matter of freight-rate increases.

Sometime before the first of the year the Interstate Commerce Commission is expected to grant the railroads an 8 per cent increase in freight rates, clear across the board—grains and everything. Early in 1949, an increase of another 5 per cent. Railroad revenues will benefit to the tune of something over one billion dollars a year. The 13 per cent increase, on top of increases already granted, amount to 57 per cent since 1946, when the first round of rate increases was authorized.

Increased rates allowed last July hit mainly metal products. This winter's round will hit everything. Farmers will pay increased freight charges, not only on what they buy, but also upon what they sell. Farm organizations are opposing the 13 per cent increase (hear-

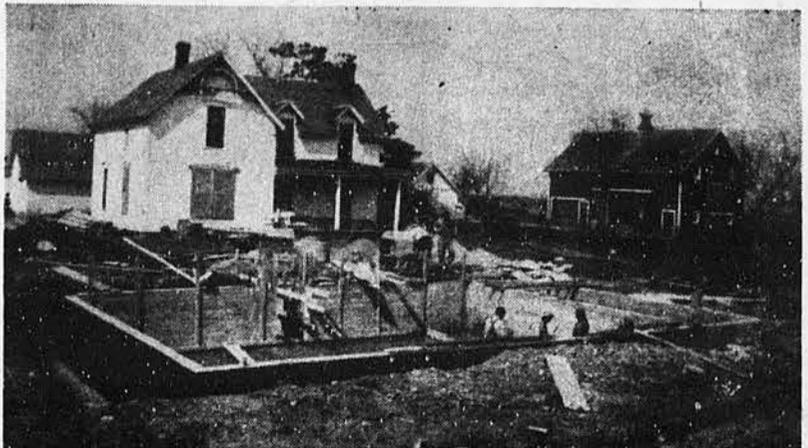
This New Home Is Fully Insulated



Here is the new farm home of Mr. and Mrs. Luther Brockhoff, Brown county. It is a modified Cape Cod having 7 rooms, a full basement, and an enclosed entranceway in the back between the house and garage.

THE Luther Brockhoff family, Brown county, is happy now in a new and modern 7-room home. When they built their new home, they tore down the old one. "Our former house was more than 100 years old," says Mr. Brockhoff, "and had seen its best days." In addition to the 7 rooms above ground, the Brockhoffs have a full basement and an enclosed entranceway between the house and garage. The house is fully insulated too,

which Mr. Brockhoff considers important. "We used a batting type of insulation and installed it as we built," he reports. "Insulating during the building process costs about half what it would to insulate later after the house is completed and we believe it is a better job. We even stuffed insulation in around the window casements and into every other crack where warm air might escape. As a result, our heat bill last year was very low."



The old Brockhoff home, shown here at the time the new home was being started, was more than 100 years old. It has since been torn down.

A Speedy Recovery!



Dr. E. G. Kelly

Tough break for a great fellow came a few days ago when Dr. E. G. Kelly, Extension entomologist, Kansas State College, suffered a heart attack. He is in the hospital at Manhattan. Perhaps no Kansan is more widely or more favorably known among farmers than Doctor Kelly, who has helped Kansas keep ahead of livestock and crops pests since he came to K. S. C. in 1918. A speedy recovery to you, E. G.

New Feeding Book

The 21st edition of "Feeds and Feeding," by Morrison, is now available for distribution. It appears on the 50th anniversary of this popular handbook for students and stockmen.

Altho 22 separate printings were made of the 20th edition, which first appeared in 1936, this new book has been entirely rewritten. It contains the most up-to-date information possible concerning livestock feeding and nutrition.

Thousands of experiments on problems in livestock feeding and nutrition have been conducted by the agricultural experiment stations and colleges of this and other countries. To simplify these reports, data for all similar trials on a given subject have been compiled and averaged together for the users of Morrison's Feeds and Feeding.

Body of the book is divided into 3 parts. The first part presents important principles of animal nutrition, including the most recent discoveries of the scientists. Separate chapters are devoted to proteins, fats, carbohydrates, minerals and vitamins. The rapid pace of developments in recent years in the understanding of minerals and vitamins as related to nutrition are reflected in the 21st edition.

The second part gives accurate information about the composition, uses and value of practically all the feeds used in this country. Here too, there is a change. Instead of separate chapters for each class of livestock, information concerning value of each feed for all classes of livestock is now brought together in the respective chapters.

Most important facts about nutrition, feeding, care and management of various classes of livestock are discussed in the third part of the new book. Information has been added here concerning the values of different feeds for poultry. There are 2 complete chapters on nutrition, feeding and care of poultry.

In this anniversary edition the important appendix tables have been greatly enlarged, also.

Morrison's Feeds and Feeding long has been a guide to proper animal care. It is a "best seller" among agricultural books. And the new, 21st edition, because of arrangement and additions of recent information, should prove more popular than ever.

Lindborg in McPherson county. Among the locating committee, and among the members of the first company and colony were, among others, Lindahl, Lindberg, Lindgren, Lind, Lindey. The first part, the common part, of all the names was taken, and the Swedish, "borg," meaning "castle," was added; and so we have Lindborg.

Classified Advertising Department

KANSAS FARMER Classified Advertising

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

Table with columns: Column Inches, Cost Per Issue, Column Inches, Cost Per Issue. Includes rates for 1/2 inch, 1 inch, 2 inches, 3 inches.

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

LIVESTOCK ITEMS

Make More Profits under average farm conditions. Raise Milking Shorthorns. For average farmer Milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds.

Abortion and Mastitis—Literature Free; Gov't Licensed Vaccine Strain 19; Mam-O-Lac, effective for Mastitis. Penicillin and DDT Circulans. Complete line Farmade Products. Low prices. Kansas City Vaccine Co., Dept. P, Stockyards, Kansas City, Mo.

PLANTS AND NURSERY STOCK

Grapevine: Concord, Fredonia, Delaware, \$1.00 dozen. Postpaid. Write for prices on "State Certified" nursery stock. Otis Wheeler's Nursery, Amity, Ark.

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 \$30-40 Week as a Trained Practical Nurse! Learn quickly at home booklet free. Chicago School of Nursing. Dept. F-11, Chicago.

Duncan's National Auction School, Creston, Iowa—The School with a Guarantee—January term.

DOGS

English Shepherd: Puppies. Breeder for 22 years. Shipped on approval. 10c for pictures and description. H. W. Chestnut, Chanute, Kan.

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

Wanted—Fox Terrier Puppies. Box 261, Stafford, Kan.

WANTED TO BUY

Wanted Heavy Breed Hatching Eggs from bloodtested flocks. Attractive premium. Bankson Hatchery, 6060 S. Western Ave., Los Angeles 44, Calif.

OF INTEREST TO WOMEN

Quilt Pieces—Beautiful new cotton prints, large colorfast pieces, 500 for only \$1. Free patterns and third—Free with order. Edward Fischer, 800 Rector Ave., Little Rock, Ark.

White Soap, twenty pounds, sixty cents. No grease. Three items at grocery. Made in twenty minutes. Recipe one dollar. W. W. Heapy, Poole, Neb.

Eastside Maternity—Seclusion Hospital for unmarried girls. State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, Mo.

500 Colorful Cotton Quilt pieces \$1.00 postpaid! 100-25c. Free patterns. G. Bonar, Box 134-F, Highland, Ohio.

FARMS—KANSAS

Valley Farm, 80 acres, no overflow, 1 mile town, 6 rooms, large barn, good water, electricity, \$8,500. T. B. Godsey, Emporia, Kan.

FARMS—MISCELLANEOUS

Equipped Big Producer... rich Kansas quarter section with exceptional corn, wheat and hay land, good buildings, owner includes 4 cows, 3 calves, heifer, F30 J.H.C. tractor, J.H.C. No. 60 combine, 44 model power-lift cultivator, complete line farm tools, everything goes for \$12,250, terms! County gravel road, high school bus, RFD, creamery route, electric line, mile grade school, 10 minutes village, easy 1/2 hour college market city 20,000; 160 acres, about 106 tillable, 13 meadow, 5-acre woodlot, pasture watered by 2 ponds; dandy 5-room white frame house, electricity, 2 porches, water indoors, well, cistern, phone, good 40x50 frame barn (valued at \$4,000), 3 good poultry houses, brooder houses, 2-car garage, tool shed, smokehouse; tremendous value for alert buyer at \$12,250 equipped, terms. Read full details page 58 Big Free Winter catalog many states just off press! United Farm Agency, 428-KF BMA Bldg., Kansas City 8, Mo.

Strout's Fall-Winter Farm Catalog. Free! Your Red Cover Time-Money Savings guide describing over 2,800 properties Coast to Coast—every one a genuine bargain. Many pictures, reduced prices! Money-Makers galore—dairy, beef, fruit, truck, poultry, alfalfa farms. Equipped and un-equipped. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

Trend of the Markets

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

Table with columns: Commodity, Week Ago, Month Ago, Year Ago. Includes Steers, Hogs, Lambs, Hens, Eggs, Butterfat, Wheat, Corn, Oats, Barley, Alfalfa, Prairie.

ELECTRICAL EQUIPMENT

LIGHT PLANTS Complete stock of parts for Delco—Montgomery Ward, Fairbanks-Morse, Onan, Sears. GENERAL PRODUCTS 159 No. Emporia Wichita, Kan.

32-Volt Jacobs Wind Charger for sale. 1800 watt, 50-foot steel tower for \$175.00. Jonas D. Schrag, McPherson, Kan.

MACHINERY AND PARTS

Allis-Chalmers WC Tractor Owners, you need the new Twin Draulic Twin Disc Xtra Clutch giving live continuous Power Take-off. Saves time, labor, repairs. Get more efficient operation from your combine, baler, chopper, picker, hydraulic pump, etc. Write for information. Twin Draulic, Box 48, Laurens, Iowa.

Spike Tooth Drag Harrows—World's best—most popular—lowest priced all steel flexible and lever styles. Many sizes, immediate shipments. Folders, prices, write The "Wet" Harrows factory distributors, Montmorenci, Indiana.

FARM EQUIPMENT

Equipment and Machinery of Ralph L. Smith Farm, formerly known as the Bruce Dodson Farm on Highway 60 near Kansas City, will be sold at auction December 8 or 9. See ad in next issue for details.

Hydraulic Loader... Jayhawk leads in simplified, practical design, has no framework above tractor, works anywhere tractor will go. Tested to 2,850 pounds. Attaches, detaches 3 minutes. Automatic load leveler prevents spilling. Low cost hay cranes, bull dozer, sweep attachments available. No other loader has all Jayhawk advantages of design, construction, price. Free circular. Write Wyatt Mfg. Co., Box 1-42, Salina, Kan.

Cement Mixers at a sensible price. 3 cubic feet. Highest quality cast bowl and yoke. Heavy steel frame and drum. Only \$44.00 FOB factory. Order now! Money back guarantee! Literatures free. G. R. Wright Mfg. Co., Colorado Springs 2, Colo.

Surplus Bargains. New aero tires, tubes, rims and wheels, complete assemblies for tractors, combines, trucks and all wheeled vehicles. Write for our big, free, illustrated catalog. Harro Tire Co., Dept. 12, Hammond Bldg., Detroit 26, Mich.

Skyline All-Purpose feed mills. Order yours now. Price complete is \$245.00. Satisfaction guaranteed. This price good only until our present stock is exhausted. R. V. Lehner Company, Distributors, Ness City, Kan.

FILMS AND PRINTS

3c Deckledge Reprints 3c Beautiful Velox Deckledge prints made from your negatives only 3c each. 6 or 8 Exposure rolls developed and printed on deckledge paper 25c. Arteraf Deluxe enlargements three 5x7 only 50c. Four 8x10 enlargements from negatives \$1.00. Your favorite photo copied and 10 printed made 65c. SUMMERS STUDIO, Unionville, Mo.

Butone Jumbo Prints are different. Any 8-exposure roll developed and one Butone Jumbo print each only 35c; additional Jumbo prints 5c each. Butone bargain: Any 8-exposure roll developed and two regular size prints only 35c; additional regular size prints only 4c each. All work guaranteed. Butone Photo Print Company, Box 1777, Wichita, Kan.

Prompt Service. Two prints ("Never Fade" Deckledge Velox) of each negative on roll 30c. Highest quality. Reprints special offer. Write Welch Photo Company, 2418-32 Penn., Minneapolis, Minn.

18 Christmas Cards and envelopes \$1.00. 60- \$3.00, send negative. Three prints each 8-exposure roll 40c. Two each 35c. One each 25c. Reprints 3c. Fred V. Eastman, Bode, Iowa.

16 Deckledge Prints from any standard 8 exposure roll 25c. Quick service. Professional work. Skrudland, Lake Geneva, Wis.

This Ad and 25c gets you 10 oversize reprints or 5-4x6 enlargements. Jumbo Printers, Lake Geneva 5, Wis.

Roll Developed and 16 prints. 25c. Reprints 2c. Dick's Photo, Louisville, Ky.

MISCELLANEOUS

Gas & Electric Kitchen Ranges Coal and Wood Ranges Combination Ranges Coal, Wood and Electric or Coal, Wood and Bottled Gas 14 Famous Brands to choose from Write or Visit MIDWEST APPLIANCE STORE 608 Kansas Ave., Topeka, Kan.

Quick easy way to big Profits. Marvelous new mop holds 20 times its weight in water. Hands never touch water. Sells on sight. Price \$2.85 Postpaid. Free particulars. Cell-U-Mop Co., Dept. KF, Freeport, Ill.

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. Sparrowman, 1715 Lane, Topeka, Kan.

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

For Sale—Menely Church Bell, large size, complete with all mountings. Price \$375.00. A. E. Holsan, Blue Springs, Nebr.

Everlasting Fish Pole Carriage Quickie Clamps for Auto. Postpaid \$1.95. Fisherman, P. O. Box 2112, Wichita, Kan.

Phonograph Records 20c. Catalogue sent free. Paramount, AN-313 East Market, Wilkes-Barre, Penn.

BABY CHICKS



YEARLY FLOCK AVERAGES OF 200 EGGS PER BIRD ARE COMMON with Hy-Line Pullets

Get Hy-Line Chicks in 1949. Raise pullets that produce at a high rate under farm conditions. Hy-Lines generally lay 2 to 6 dozen more eggs per bird per year than ordinary chickens. Hy-Lines laid 66 more eggs per year than standard breeds in official laying tests conducted by Illinois Department of Agriculture. We welcome your most searching investigation.

SEND FOR HY-LINE CHICK CATALOG Learn what the Hy-Line research program has done to assure increased egg production.

J. O. COOMBS & SON Producing HY-LINE CHICKS from parent stock developed by Hy-Line Poultry Farms, a department of Pioneer Hi-Bred Corn Company SEDGWICK, KANSAS

BABY CHICKS

LOW AS \$4.95 PER 100. PREPAID Write for FREE Catalog SCHLICHTMAN HATCHERY, Appleton City, Mo.

Hy-Line Chicks. Bred like hybrid corn. Wonderful all-year layers under farm conditions. Hy-Lines tested against standard breeds on farms... in Iowa demonstration flocks... in official egg laying tests. On farms 12,672 Hy-Lines laid 2,722,488 eggs during year. Average 214.8 eggs per Hy-Line. In Iowa demonstration flocks, reported by extension service, Iowa State College, Hy-Lines averaged 247 eggs per bird. Produced dozen eggs for every 5.3 lbs. feed. Best standard breed averaged 179 eggs per bird; produced dozen eggs for every 7.3 lbs. feed. In laying tests 208 Hy-Lines averaged 226 eggs per bird. 90.3% livability for year. New catalog free. Place order for Hy-Line chicks now. Supply limited. Write today. Coombs & Son, Box 6, Sedgwick, Kan.

Bush's Bloodtested Barred, White Rocks, Reds, Wyandottes, Hampshires, \$8.95; pullets, \$14.95; cockerels, \$10.95; White Leghorns, Australias, \$8.95; pullets, \$14.95; Heavy Assorted, \$8.45; Mixed, \$7.95; Leftover, \$6.95; Barnyard Special, \$5.95; Table Assorted, \$4.95; FOB, 100% alive. Catalog. Other breeds, grades, prices. Bush Hatchery, Clinton, Mo.

Thompson—Quality, bloodtested White, Barred Rocks, Reds, Wyandottes, Hampshires, \$8.95; pullets, \$12.95; cockerels, \$9.95; Anconas, Minorcas, White, Brown Leghorns, Australias, \$8.95; pullets, \$14.95; Assorted Heavies, \$7.95; Mixed Assorted, \$6.95; Leftovers, \$5.95; Barnyard Special, \$4.95. 100% alive FOB. Thompson Chicks, Springfield, Mo.

Sensational Value—Assorted Heavies \$6.85. Mixed Assorted \$6.45. No Cripples. No Culls. Send money order, prompt shipment. 100% alive. FOB. Clinton Chick Store, Clinton, Missouri.

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.

DUCKS AND GEESE

Domesticated Canadian Geese, Mallard, farm raised. Prices free. Lowell Church, Fairmount, Ill.

POULTRY SUPPLIES

Who ever heard of caponizing hens. Eliminate fighting, Tenderize, flavorize, caponize, fatten all fowl. Free literature. Sine, KF6, Quakertown, Pa.

SEEDS

SEEDS WANTED SEEDS Alfalfa Sweet Clover Brome Grass Red Clover Lespedeza Write or send sample to SOMMERS BROS. SEED CO. P. O. Box 1096 Topeka, Kan. Phone 4-3479—Collect

December 4 Will Be Our Next Issue Ads for the Classified and Livestock Section must be in our hands by Saturday, November 27 If your ad is late, send it in Special Delivery to 912 Kansas Ave.

Saline County Hereford Breeders' Assn. Annual Fall Sale

Thursday, December 9

at the Beverly Sales Pavilion

Salina, Kansas

30 BULLS — 30 FEMALES

Bulls—most of serviceable age with some younger prospects.

Females—Open and bred heifers and cows with calves or to calve soon. Very desirable ages, breeding and individuality.



Consignors:

J. H. BANKER, Salina
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ROXANNA KOHRS, Geneseo
HERMAN P. MILLER, Salina
RALPH W. SJOGREN, Marquette
E. SUNDGREN & SONS, Falun
IRL TINKLER, Gypsum

For catalogs write

C. W. PENCE, County Agent, Salina, Kan.

Auctioneer: Chas. Corkle

McPHERON'S REG. GUERNSEY CATTLE DISPERSAL SALE



Friday, December 10

at farm 12 miles north of

Summerfield, Kansas

8 miles north of highway 36 and 2 1/2 west. (On all-weather road.)
28 HEAD—all descended from 2 females purchased in Wisconsin 8 years ago.
13 Cows, fresh or close up springers, 2 yearling heifers (9 of the cows are granddaughters of the \$15,000 bull, Pine Manor King.)
4 Young Bulls, 2 ready for service.
1 Herd Bull, Skyline King Noble.
Balance of offering baby Calves. The herd is state accredited for Tb. and Bang's. We will also sell a full line of farm machinery, horses, brood sows and chickens. Leaving the farm and everything sells.

For catalog address

EARL G. McPHERON, Summerfield (Marshall county), Kansas

SOUTH CENTRAL KANSAS HEREFORD BREEDERS

SHOW 10 A. M. and SALE 1 P. M.

Fair Grounds, Newton, Kansas

Friday, December 10

19 Bulls — 25 Females

Our sifting committee have selected top cattle both Horned and Polled from 18 of the good herds of Harvey, McPherson and Sedgwick counties. We will offer some good Herd Bull Prospects and foundation females to suit the most particular buyers.

All cattle Tb. and Bang's tested. Lunch by 4-H Clubs.

For catalog write

J. R. OVERSTREET, Sales Mgr., Newton, Kan.

Auctioneer: Freddie Chandler

HOGS

CHESTER WHITES FOR SALE

Purebred serviceable Boars, Gilts. Grand champion bloodlines.

JULIUS PETRACEK & SONS, Oberlin, Kan.



Registered Short Nose, Blocky Type Weanlings
PETERSON & SONS
Osage City, Kansas

BERKSHIRE BOARS AND GILTS

Serviceable age. Oldest herd of registered Berkshires west of Mississippi River. Write
FRED M. LUTTRELL, Paris, Missouri

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HAROLD TONN

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

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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

The KANSAS MILKING SHORTHORN SOCIETY drew a fine day for their annual sale. The offering was some below last year's sale, both in quality and fitting. About 400 buyers and Milking Shorthorn fans were on hand and no lack of interest was manifest from start to finish of the sale. Clyde M. West, of Macksville, and Enos J. Miller, of Hutchinson, paid \$350 each for bulls, which was the top price of the sale. Joe Hunter, of Geneseo, paid \$950 for the top-selling female. Four bulls averaged \$332 and 34 females averaged \$370. Fifteen cows averaged \$472 and 18 heifers \$294. Many new buyers were present. Summing up the situation, Secretary C. O. Heidebrecht says this was the first sale in 4 years with a lowered sale average, due to the general quality of cattle being not so good as in other years and many of them not too well fitted. Thirty-two of the 37 head went back to Kansas farms. The auctioneers were Burritt Allen, Gus Heidebrecht and Art McAnarney.

C. R. ROWE & SON, Poland China breeders of Scranton, held their annual boar and gilt sale at the farm, October 28. This was one of the snappiest auctions held this season. One hundred and fifty dollars was reached 3 times on boars. A top of \$155 was made on gilts. J. J. Hartman, of Elmo, was the purchaser of both top boar and gilt. Mr. Hartman also took several other pigs to add to his good herd of Polands in Dickinson county.

Charmed Lives: Altho bindweed on a 14-acre field at Hays was eradicated in 1921, there was an average emergence of 5 plants a square rod in 1941, 20 years later.

Hot Proposition: Fires, nearly all of which could have been prevented, cost the U. S. more than 54 million dollars in property loss during June.

Music Soothes: Expanded research will be done thruout the country on the use of music as a therapeutic agent.

Giant Self-Feeder

Carl Filbert, Lane county farmer, turned a beef cattle loafing shed into a giant self-feeder by making a few minor changes.

He found that feeding fodder to his cattle during bad winter weather is hard and disagreeable work. He had a loafing shed in the lot that he didn't think was worth his investment in it.

To convert the shed into a self-feeder he put in a temporary partition lengthwise of the shed and set back from the open side about 8 feet. He left a slot at the bottom of this partition and installed a feed rail about 2 1/2 feet further out. Now, he runs his sorghum bundles thru a stationary cutter and blows them into the loafing shed back of the partition. This chopped, dry feed works thru the slot to the cattle. When the pile gets low it does take a little forking over, but that is all the work there is.

"I'll never feed another winter without it," says Mr. Filbert. "With this feeder, I can feed 100 head of cattle without having to be out in the weather and with a minimum of work."

Cattle are protected while eating, too, and the shed serves as an adequate windbreak at all times.

Special Angus Sale

Aberdeen-Angus breeders have plans for a new home for the national registry offices. Construction of the new national headquarters will be made possible thru a "National Aberdeen-Angus Building Fund Memorial Sale," scheduled for February 17, 18 and 19, 1949. This event will replace the 7th National Show and Sale.

Since 1902, the association has made its home in the Purebred Record Building, at the Chicago stockyards. The association was formally organized November 21, 1883, 10 years after the first importation from Scotland.

More than 1,085,000 Aberdeen-Angus have been registered since 1883. Membership certificates issued to breeders now number more than 22,000.

In the building-fund sale, all Angus breeders are being asked to donate one animal with the proceeds all going into the building fund.

Plenty of Water

When you put in a water system it pays to have plenty of outlets, say Mr. and Mrs. Milton Haag, Jackson county.

They have not quite completed their new home but, in their planning, they went all out for plenty of water. Hot and cold water, for instance, is available at 3 places in the basement. Mrs. Haag has hot and cold water for her laundry. The faucets are installed above permanent tubs. There is hot and cold water in a sink that can be used for a lavatory or as a sink for setting up temporary living quarters in the basement during extreme hot weather. And, finally, there is a hot and cold-water shower bath which is mighty nice after coming in from the field, says Mr. Haag.

To insure a light, airy basement there are 7 outside well-type windows in the foundation.

Long-Lasting Litter

If you keep the deep litter in your poultry house dry, you can use it more than one year, says C. L. Gish, of the Kansas State College department of poultry husbandry.

The best litter should be developed over a period of several months until it is from 8 to 12 inches deep and possesses a finely pulverized consistency.

It is necessary that you replace any wet litter and that you stir the litter occasionally by forking it over to allow fresh air to penetrate, says Mr. Gish. Addition of one pound of hydrated lime to each 5 square feet of floor space also helps keep the litter dry.

Some poultrymen use the built-up litters several years for both young and old stock, so long as no contagious diseases appear.

No Rust Marks

Shock absorbers for metal porch chairs may be made by cutting 2-inch lengths from discarded garden hose. Place them on chair runners, split side up. They will leave no rust marks or paint scrapings from the metal runners, and the chair won't "creep" across the porch when in use. If absorbers are painted the color of the chair, they are hardly noticeable.—A. L.

Plant
PIONEER
Hybrids
For
GREATER PROFITS

HOGS

For Sale: DUROC BOARS

Sired by "Sherwood Low Down" by "Seco Low Down" also by "Seco Royal Type" by "Seco Market Type." Out of sows by "Seco Low Down" and he by the great "Tops." 30 years breeding popular Durocs on the same farm.

SHERWOOD BROTHERS
Concordia, Kansas

Miller's Easy-Feeding Durocs Now Offered

Selected boars ready for service sired by Fancy Spot Light and Royal Master, 1947 Kansas and Royal Grand Champion, 1948 choice open gilts. Vaccinated and guaranteed.

Weldon Miller & Son, Norcat, Kan.

BOARS—BOARS—BOARS DUROCS

Few choice October, 1947, boars ready for heavy service. Bred right and fed right. Also plenty of spring boars and gilts. Visitors welcome.

HARRY W. LONG, Ellsworth, Kansas

SHEPHERD'S SUPERIOR DUROCS

Offering excellent, serviceable spring boars, sired by Lo-Thickmaster and Super-Spotlight. A great lot by Future Trend, dam—Eliminator Sue, top in Maah's sale. A great 1 year and October boar by Lo-Thickmaster. None better. Reg. Double immunized. See these before buying—Durocs only since 1904. G. M. Shepherd, Lyons, Kansas.

DUROC BRED GILTS AND BOARS

All Ages. By Top Crown by the Illinois Champion Crown Prince. Satisfaction or your money back. Best we ever raised. A few choice Gilts bred for early farrow.

BEN M. HOOK & SON, Silver, Lake, Kansas

BAUER BROS. POLAND CHINAS

We offer choice thick-bodied boars of March and April farrow. Seasonably priced. Sired by Copright Desirable, Grand Nation and National Prince.

BAUER BROS., Gladstone, Nebraska

POLAND CHINA BOARS AND OPEN GILTS

By the "Leader" and "Long Dude." Double immunized and registered.

GLENN F. WISWELL, Spring Hill, Kansas

SPOTTED POLAND CHINA BOARS

Ready for service. Sows and gilts sired by or bred to Buster Boy and his helper, Advancer Grandview Supreme. Weanling pigs champion breeding.

DALE KONKEL, Haviland, Kansas

SPOTTED POLAND BOARS

Registered boars ready for service. Sired by The Packer and Toby. Thick, deep bodied hogs. Immunized. Also a pair of good Shorthorn bulls.

EARL and EVERETT FIESER, Norwich, Kan.

BERGSTEN'S Improved Hampshires

Now offering outstanding Fall Boars. Immune and registered. New breeding for old customers.

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

ETHYLEDAL FARM PRODUCTION HAMPSHIRE

Serviceable age boars and open gilts of the same type and breeding that won first in the carcass contest at the recent American Royal.

DALE SCHEEL, Emporia, Kan.

Dairy CATTLE

**Offering
BROWN SWISS
CATTLE**



My 4-year-old herd bull, Babe's Dick of Prairie View 73838. A show ring winner and son of a proven plus bull. His dam has over 500 lbs. fat. His daughters have been blue ribbon winners. One was Jr. Champion at Kansas State Fair, 1947. Would also sell some of his daughters.
DONALD RUDICEL, Kingman, Kansas

REG. BROWN SWISS

Bull calves for sale at a reasonable price. Herd on D. H. I. A.
BYRON K. WILSON, Route 1, Manhattan, Kan.

**KAY COUNTY
GUERNSEY BREEDERS' ASSN.**

**3rd Annual
CONSIGNMENT SALE**

Starting at 1 P. M., Newkirk Community Building

Newkirk, Oklahoma

Tuesday, December 14

35 Females — 5 Bulls

These animals are right and merit your consideration. They have type, quality and production.

For Catalogs Write:

W. R. HUTCHISON, Newkirk, Okla.

**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
875 Grove St., Peterborough, N. H.

REGISTERED GUERNSEYS

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

REG. GUERNSEY BULLS

For Sale. Sire: Meadow Lodge King's Laddie. Dam records: 475 to 509. Herd average 1947, 28 head 449. E. D. Hershberger, Newton, Kan.

**OFFERING JERSEY
BULL CALVES**

Old enough for service. Sired by Zantra of Oz and Rachel's Masteron, both Superior Sires. First three generations will show 3 superior sires. These are 4 and 5-star bulls. Priced reasonable.

FRANK L. and QUINTEEN YOUNG
Cheney, Kansas Phone 17 F 11

AYRSHIRE DAIRY CATTLE

PERFECT UDDERS—IDEAL TYPE—BEST OF GRAZERS. Write for literature on names of breeders with heavy-producing 4% milk stock for sale. **AYRSHIRE BREEDERS' ASSN.**, 260 Center Street, Brandon, Vermont.

SMOKY VALLEY HOLSTEINS

OFFERING HIGH PRODUCING COWS. Leading Bloodlines.
W. G. BIRCHER & SONS, Ellsworth, Kan.

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, LENO, KAN.

Dual-Purpose CATTLE

RED POLLS FOR SALE

Choice spring bulls and a few females of various ages.
W. E. ROSS & SON, Smith Center, Kansas

Milking Shorthorn Bulls

15 months to baby calves, mostly red. Sired by Prairie Darrell V. G. and R. M. and out of cows sired by Hillcreek Gulman and Fair Acres Judge or granddaughters of them. Farmers Prices.
Peterson & O'Donnell, Rt. 2, Junction City, Kan.

**OFFERING POLLED MILKING
SHORTHORNS**

Bulls, calves to serviceable age.
LEO R. COPP, Kinsley, Kansas

Reliable Advertisers Only are accepted in Kansas Farmer

Livestock Advertising Rates

1/2 Column inch (5 lines) \$3.00 per issue
1 Column inch \$4.00 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

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas
Livestock Editor

and **MIKE WILSON, Livestock Fieldman.**
Muscotah, Kansas.

The **CLAY COUNTY PUREBRED HOG BREEDERS ASSOCIATION** held their second annual sale October 23, at the Clay Center fairgrounds. The breeds selling in this auction were Durocs, Spotted Polands, Berkshires, Chester Whites and Hampshires. The top price of \$125 was paid by Harry Sondker, of Randolph. Melvin Martnek, of Silver Lake, took the top priced gilt at \$110. Thirty-one head of all breeds, boars and gilts, were sold for an average of \$80.59 a head. The animals were sold in a well fitted condition. All 31 were sold to Kansas buyers. Ross Schaulis conducted the sale.

The joint sale of Holstein cattle of **HOWARD J. CAREY and ROY HOPKINS**, held October 19 at the Kansas State Fair Ground, in Hutchinson, was well attended and prices were very satisfactory. Seventy-six head of registered Holsteins were sold in the sale. 74 head staying in Kansas. H. O. Bowdle, of Booker, Texas, took the top bull at \$500. A. F. Nisley, of Abbyville, purchased the top female of the auction for \$500. The 76 head made a general average of \$363 a head. About 350 farmers and breeders attended the event. The sale was conducted by Bert Powell and managed by T. Hobart McVey, of Nickerson.

On October 23, **LA FE E. MEYERS**, Hereford breeder of Clay Center, held his first reduction sale at the Clay Center sale barn. Ray Hanna, of Clay Center, paid \$415 for the top bull in the sale. R. B. McCartney, of Clay Center, was the successful bidder on the top female at a price of \$350. The average price paid for bulls in this sale was \$337 a head. The females averaged \$258. The entire offering made a general average of \$290. The sale was very well attended and the cattle were sold in pasture condition and they all went to buyers within a short distance of Clay Center. Col. James T. McCulloch made the sale.

R. E. BERGSTEN & SONS, GLENN AND ROBERT RANDOLPH, who have bred registered Hampshire hogs for a number of years, held a boar and gilt sale October 29th at their farm south of town. Walter Herr, of Hunter, paid the top price on boars of \$192.50 for an outstanding son of "Star Design," one of the Bergsten herd boars. Carl Kocher, of Onaga, took the top priced gilt at \$145. The general average on the registered hogs sold in the sale was \$94 a head. A group of April-farrowed offspring were sold at the end of the auction, ranging in price from \$58 to \$66 a head. Col. Bert Powell conducted the sale.

The **STATE O I C SWINE BREEDERS** held their annual sale at the fairgrounds, in Hutchinson, on October 26. A show was held in connection with the sale. The grand champion gilt exhibited by Mr. and Mrs. Sylvester Martin, of Mt. Hope, sold for the top price of \$152. The buyer was Tommy Dimmit, of Garden City. Otto Delfs, of Inman, had the grand champion boar, selling for \$90 to Theo. Ochs, of Holsington. Reserve champion boar, shown and sold by Vernon Zimmerman, of Inman, brought \$110. The buyer was Allen Teter, Hutchinson. The offering brought a total of \$3,010. Carl Eiling judged the show and Charles Davenport was the auctioneer.

The **CECIL H. WERNEKE JERSEY** cattle dispersal sale held at Caldwell was attended by about 500 buyers and interested spectators. The auctioneer was Tom McCord, of Montgomery, Ala. The highest price paid for a bull was \$1,100 by Dan W. Holliday, of Bristow, Okla. The top female went to Gustav Schirmer, Greenwich, Conn., at \$920. A general average of \$420 was made on the entire offering of 49 mature animals and 12 baby calves. About half of the offering went to Kansas buyers. The other half went to Texas, Arkansas, Oklahoma, Missouri and Connecticut. The weather was ideal. The sale was conducted by Laurence Gardiner, of Memphis, Tenn.

Kansas farmers who keep up-to-date in the matter of breeding a type of hog that produces market toppers will be interested in the results of the barrow shows at the recent Kansas City Royal. Ethyledale Hampshire won first in the 10 head, carcass contest class, and third in the on-hoof class. **DALE SCHEEL** has been breeding and improving Hampshires on his farm near Emporia for several years and the above winnings tell a story of hard work and careful study of the bloodlines that make possible pork production at the lowest cost per amount of feed consumed. Hundreds of boars have gone out from Ethyledale Farm to better the quality of the hogs in Kansas and many other states.

The **JERSEY BREEDERS OF KANSAS** held their annual sale on October 21 in one of the most beautifully decorated sale pavilions in Kansas, at the Kansas State College. Professor Atkinson and the boys of his class spent much time and labor in preparing the sale ring for this event. It was very much appreciated by the breeders and buyers of Kansas Jerseys. The offering was small in numbers but very high quality. The top of the auction was reached on a cow consigned by L. D. Rigg, of Leon, and purchased by Ted Fansher, of Hallmark Farm, for a price of \$575. This was an all-female sale and made a general average of \$300 a head. Col. Bert Powell was auctioneer, assisted by press representatives.

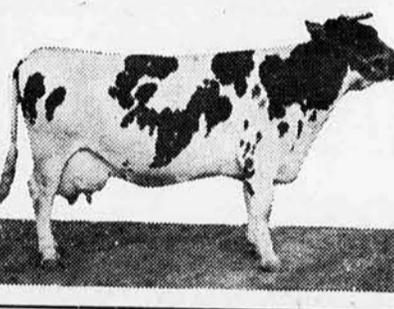
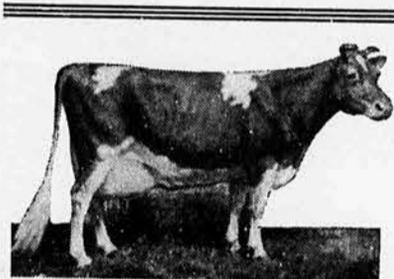
Four well known **KANSAS SHORTHORN BREEDERS** held a consignment production sale of registered Shorthorn cattle October 26, at Kinsley. Prices were very satisfactory to the consignors. Floyd Russell, of St. John, paid \$340 for the top priced bull in this sale. Dan Schmidt took the top female at \$350 to his Larned ranch. The bulls made an average of \$260 a head. The average price paid for females was \$245. Sixty-eight head in this sale were sold at a \$253 average. The 4 breeders who had cattle in this sale were **R. J. CROCKETT & SONS, Kinsley; C. H. RALSTIN, Mullinville; R. L. BACH, Larned, and GUY CHAPIN, Kinsley.** The sale was attended by more than 400 spectators and buyers. The cattle were sold in pasture condition and were very acceptable by the buyers.

PUBLIC AUCTION

**100 Head Dairy Cows
and Heifers**

at my farm west end of Main Street
(Sale under cover — all-weather roads.)

Pretty Prairie, Kan., Wednesday, Dec. 1



**65 GUERNSEY Cows and
2-year-old Heifers
(all springers)**

**20 HOLSTEIN Cows and
Heifer Springers**

**15 HOLSTEIN Yearlings
(Selling open)**

Everything Tb. and
Bang's tested.

W. W. Graber, Pretty Prairie, Kan.

Aucts.: Boyd Newcom, Chas. Davenport
Jesse R. Johnson with Kansas Farmer

**3rd Annual Bred Ewe
Show and Sale**

of
Kansas Purebred Sheep Breeders' Association

Monday, December 6

State Fair Grounds

Hutchinson, Kansas

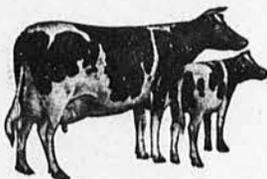


Purebred Ewes of the Hampshire, Shropshire, Southdown and Suffock breeds. This will be a consignment sale of carefully selected ewes consisting of bred yearling, 2-year-old and 3-year-old ewes and a few ewe lambs.

**Your Opportunity to Get Replacement Ewes or to
Start a New Flock**

Show at 10:00 a. m. — Sale at 2:00 p. m.

Address inquiries to **R. F. COX., Secretary-Treasurer**
KANSAS PUREBRED SHEEP BREEDERS' ASSN., Manhattan, Kan.



Holstein Dispersion Sale

**December 9
Fairview, Kansas**

55 Head of Registered and Grades

Mr. VanDalsem finds it necessary to disperse this herd of dairy cattle and also farm machinery. He is devoting his full time to a milk plant in Hiawatha. Watch for further details in the December 4th Kansas Farmer.

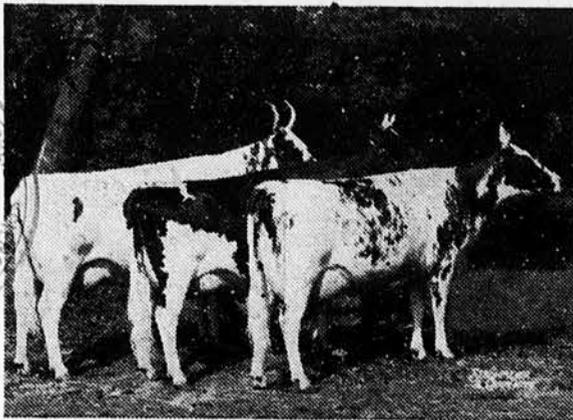
VANDALSEM DAIRY FARM

Bert Powell, Auctioneer

E. A. Dawdy in the box Mike Wilson for Kansas Farmer

Big Production Ayrshire Sale

Fair Grounds, Hutchinson, Kansas
 Wednesday, December 8 --- 1 P. M.



These heifers won the class for 3 females bred and owned by exhibitor at the 1948 National Show.

60 TOPS

Cows, bred and open heifers, calves and a few preferred and select Pedigree bulls. Among the attractions will be 14 bred heifers from Canada and several home bred heifers that are daughters of approved bulls. Included in this group is a bred heifer that is a full sister in blood to Woodhull Judy, Excellent, a class leader and a National sale top. A daughter of Whitpain Sunbarr, approved and Whitpain La Kathleen (sold at 1947 National Sale for \$1,000.00).

10 Calves are sired by sons of the approved Sycamore Sunny Jim; 4 daughters of Riverbow Booster, a production bred Canadian bull and several are bred to him. Several daughters of the approved bull, Whitpain Gallant King are also attractions.

A BULL SPECIAL is a yearling preferred son of Woodhull Rare Jim, a paternal brother to the junior and reserve grand champion at the 1948 Kansas State Fair.

Other breeders consigning to the sale—

- | | |
|----------------------------|------------------------------|
| Chester Unruh, Hillsboro | Herb Buller, Buhler |
| Flickner Bros., Moundridge | R. E. Stark & Son, Abilene |
| Clarence Beat, Wellington | G. Fred Williams, Hutchinson |

W. S. WATSON, Rt. 2, Hutchinson, Kan.

Auct.: Robt. Seitz J. Fred Williams, Sale Manager
 In the ring: Mike Wilson, Walter Hand, Hobart McVay

Note: A judging contest will be held at 11:00 A. M. for 4-H, F. F. A. members. \$75 first, \$50 second, \$25 third, \$20 fourth and \$20 fifth prizes will be given on the purchase of any animal in the sale. The only requirement is that the boy or girl bring a note from his county agent or F. F. A. instructor that he or she is duly enrolled.

Buy United States Savings Bonds

For the Best in Polled Herefords

ATTEND THE

Skiles—Mousel—Haussler—F. L. Robinson & Son

Draft Sale of Polled Herefords

Tuesday, Dec. 7, West Sale Barn, McCook, Nebr.

There will be 35 Females and 15 Bulls

Practically entire offering of serviceable age. The herd represented are similarly bred representing the breeding of champions and top sellers thru such noted bulls as Modest Lamplighter, Supreme Anxiety 7th, Advance Fairview, Polled President and President Mischief.

There will be production bred Polled Herefords that will please the registered breeder and top selections for the commercial cattleman.

For catalog write

HAROLD MOUSEL, Cambridge, Nebraska

Auct.: Charles Corkle

Sale Manager: F. L. Robinson, Kearney, Nebr.



The JOHN A. YELEK MILKING SHORT-HORN dispersal sale held on the farm, at Rexford, was attended by a crowd of about 500. The cattle were presented in good breeding form and prices were satisfactory, according to the owner. The top female sold for \$550 to Johnson Brothers, of Colby, and the top bull went to head the good herd of H. M. Hickett, Jennings. The females averaged \$333 and the bulls \$241. The general average on 58 head sold was \$300. Fifty-six of the 58 head stayed in Kansas. Local demand was fair and the weather was excellent. Art McAnarney was the auctioneer and Joe Hunter interpreted the pedigrees.

The KANSAS POLAND CHINA BREEDERS' ASSOCIATION, on October 11, held their annual boar and gilt sale at the fair grounds, in Salina. Herbert Rindt, of Herington, paid \$175 for Lot 37, a boar consigned by J. M. Bolton and Son, of Smith Center. This was the top price on boars. One hundred and forty-five dollars a head was reached 3 times in the sale on gilts. These gilts came from the well-known herds of Jos Dvorak, Tampa; Kenneth Brenner, and Harry Turner. The gilt average was \$88 a head and the general average on 40 head sold was \$90. Thirty-eight of this 40 head were sold to Kansas buyers. 2 gilts went to Clark Huber, of Nebraska. Ray Saylor, of Manhattan, managed the sale. The sale was conducted by Mike Wilson.

THE HOLSTEIN BREEDERS of Kansas on October 5, at Abilene, held another great sale, with an average of \$639 on 73 head consigned by 42 Kansas Holstein breeders. The top animal was consigned by Wallace J. Beckner, of Belle Plaine. The animal was purchased by Robert W. Adams, of Tulsa, Okla., at \$1,450.

Top bull of the auction was consigned by Reeds Dairy Farm, of Lyons, and sold to Glenn A. Palmer, Rt. 9, Topeka, at \$935. Previous to the open sale 12 head of heifer calves were sold in a special sale for 4-H and Future Farmer bidders. These 12 heifer calves were dropped after July 1, 1948, and made an average of \$275. The top calf was consigned by Leo Hostetter, of Harper, and sold to Gary Woods, of Clearwater.

The sale average exceeded the nation's topper of last year by \$29 a head. This shows that good Holstein cattle are in demand to stabilize the farming and agricultural program of Kansas. The sale was sold by Colonel Bert Powell, and managed by T. Hobart McVay, of Nickerson.

If any Kansas farmer or business man doubts that hard work and intelligent effort under fair conditions will not bring a reasonable degree of success and a better way of life to the man who undertakes breeding of registered livestock, a trip to the CIRCLE R. POLLED HEREFORD RANCH, at Adams, will be convincing. WALTER J. RAVENSTEIN, now owner of the above ranch, established a herd of Polled Herefords 12 years ago. At that time he lived and continued to reside on a rented farm. Four years ago he purchased the 640-acre tract and began to formulate plans for making it into a desirable place for the continued breeding of Herefords. Together with his family, he moved to the ranch about a year ago. During the past 2 years, he has erected a model cattle barn, a big sale pavilion and machinery shed and a comfortable house which is for the present a basement type to be completed later on. The Polled Herefords now number about 100 head and the herd is fast becoming known as one of the leading herds in quality and breeding in this state. During the years, breeding stock has been sold in at least 10 states and, of course, many have gone out to strengthen the herds of Kansas. A careful process of culling is practiced. Something like 20 per cent of each year's calf crop is fattened and sold on the commercial market. About half of the acreage is covered with bluestem and gramma grass and a 250-ton silo makes storage for acres of sorgo tonnage. The ranch is located just east of Adams, in Kingman county. Stop in when driving by on highway 42.

Public Sales of Livestock

Aberdeen-Angus Cattle
 December 2—International "Show Window" Sale, Chicago, Ill. Frank Richards, Secretary, Aberdeen-Angus Breeders' Association, 7 Dexter Park Ave., Chicago, Ill.

Hereford Cattle
 November 22—Flint Hills Hereford Association, Cottonwood Falls, Kan.
 November 23—Haven Hereford Breeders' Association, Hutchinson, Kan. Lawrence Chain, Secretary, Haven, Kan.

December 8—Mousel Bros. & Sons, Cambridge, Nebr.
 December 8—(Night) Mousel & Coder, Cambridge, Nebr.
 December 9—Saline County Hereford Breeders' Association, Salina, Kan.
 December 10—South Central Hereford Sale, Newton, Kan.

December 16—Matheson Bros., Natoma, Kan. Vic Roth, Sale Manager, Box 3, Hays, Kan.
 December 16—B-K Hereford Ranch, Longford, Kan. Sale at Minneapolis, Kan.
 January 8—Sam Gibbs, Manchester, Kan. Sale at Clay Center, Kan.

Polled Hereford Cattle
 December 7—McCook, Nebr., F. L. Robinson, Sales Manager, Kearney, Nebr.
 December 13—Kansas Polled Hereford Association, Hutchinson, Kan. N. L. Dinges, Sale Manager, Hays, Kan.
 December 14—Walbert Ravenstein, Adams, Kan.

Holstein Cattle
 December 1—W. W. Graber, Pretty Prairie, Kan.
 December 9—VanDalsem Dairy Farm, Fairview, Kan.

Guernsey Cattle
 December 1—W. W. Graber, Pretty Prairie, Kan.
 December 10—Earl G. McPherson, Summerfield, Kan.
 December 14—Kay Co. Guernsey Breeders' Assn., Newkirk, Okla. W. R. Hutchison, Secretary, Newkirk, Okla.

Red Poll Cattle
 December 7—Tri-State sale Red Polls, St. Joseph, Mo. Harold Smith, Sale Secretary, Rea, Mo.

Ayrshire Cattle
 December 8—W. S. Watson, Hutchinson, Kan. J. Fred Williams, Sale Manager, Hutchinson, Kan.

Milking Shorthorn Cattle
 November 22—E. E. Robertson, 1178 Oakley Ave., Topeka, Kan. Sale at Osage City, Kan.

Hampshire Sheep
 November 22—Missouri Breeders Sale, South St. Joseph, Mo. Rollo E. Singleton, Sales Manager, care State Dept. of Agriculture, Jefferson City, Mo.

December 6—Kansas Purebred Sheep Breeders' Association, Hutchinson, Kan. R. F. Cox, Secretary-Treasurer, Manhattan, Kan.

Beef CATTLE

Announcing MATHESON BROS. HEREFORD SALE

(Natoma Sale Pavilion)

Natoma, Kansas

Thursday, December 16

20 Bulls — 24 Females

An offering of quality backed by up-to-date breeding. See next issue of Kansas Farmer.

For catalog write

VIC ROTH, Sale Manager
 Box 3, Hays, Kan.

Auctioneer: Freddie Chandler
 Fieldman: Mike Wilson

Hereford Bull Calf

For Sale. 11 months old bull calf sired by Foremost Comet 2d, out of a granddaughter of Dunwalke Governor.

ROY E. DILLARD, Salina, Kansas

REG. HEREFORD BULLS

Hazlett and WHR Breeding
 12 big, rugged bulls from 12 to 14 months old.
 WAITE BROS., Winfield, Kansas



REGISTERED POLLED HEREFORDS

Bull Calves, 6 to 12 months old.
 EARL R. BOHLING
 Florence, Kan.

REGISTERED SHORTHORNS

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

Polled Shorthorns

Bull Calves, 6 to 16 months old. Nice reds and roans, sired by Alpine Charmer and Royal Robin. Bred right, priced right. Come and see them.

Harry Bird & Sons, Albert, Kansas

Aberdeen-Angus Cattle

Offering now a group of top bull prospects. Also a few females, either heifers or cows. Come see them—they will please you.

Harold Giess & Son, Arnold, Kan.

Growing in Popularity

Aberdeen-Angus are making steady progress. Meeting modern market demands for high quality beef production, practical cattlemen quickly recognize this breed above all others. The Blacks excel in uniformity, hardiness, early maturity, high dressing percentages at mature weights, and are naturally hornless. Write for free literature.
 American Aberdeen-Angus Breeders' Association
 Dept. KF, 7 Dexter Park Ave., Chicago 9, Ill.



MAPLE DELL FARMS Reg. Aberdeen-Angus Cattle

30 Choice Bulls, coming 2-year-olds, 25 Bred Heifers and 30 Choice Yearling Heifers.
 L. E. LAFLIN, Crab Orchard, Nebr.

SHEEP

Important Announcement

Must Reduce Our Corriedale Flock

It has unfortunately become advisable for us to reduce our outstanding purebred stud. Here is your chance to get the best at reasonable prices.

10 CORRIEDALE RAM LAMBS—The finest we have yet sold. Well bred, good looking and at bargain prices.

18 CORRIEDALE EWE LAMBS—Every one from the reserve lot of lambs we had planned to keep. Thick, low-down, and very uniform.

20 STUD CORRIEDALE EWES—The best draft of ewes we ever offered for sale. Young, vigorous, and ready to produce the right kind of lambs.

3 Stud Corriedale Rams—Two sired by the Admiral. We have lambs from these that really fill the bill.

Inquire of

L. L. Livengood, Maryville, Mo.

The Mousel's Two Important Hereford Sales

Will be held at

Cambridge, Nebr., Wednesday, Dec. 8



These bulls sell.

Mousel Bros. and Sons will sell 50 head at the Anniversary Sale beginning at noon. Immediately after the anniversary sale will be the Mousel & Coder sale in the evening of the same day at the same place.

The two sales held the same day is an important event where the buyers can participate to an advantage.

The cattle in the two sales are a strong representation of the Mousel Herefords.

100 Head will sell, 50 head in each sale. 50 Bulls and 50 Females. The females are strictly foundation material. High class Herd Bulls for the registered herds and high class Herd Bulls for the range will be found in this offering.

Better than 90 per cent of all cattle shown at the R. J. Royal are descendants of the Mousel Bros. herd.

For catalog write

MOUSEL BROS., Cambridge, Nebr.

CIRCLE R RANCH

POLLED HEREFORD PRODUCTION SALE

Tuesday, December 14

Sale in pavilion on farm just east of Adams, Kan., on highway 42, 7 miles west of Norwich, Kan., and 5 east of highway 14. All-weather roads.

40 HEAD

the best of our 1946 and 1947 calf crop
17 Females, bred to WHR Leskan 5th.
13 Open Heifers, selling open (4 of them sired by Leskan), remainder of females by Pawnee Domino 8th.

In quality and breeding the above females are suited for foundation herds or for replacement in the best herds.

10 Top Bulls—12 to 24 months old, 5 by Leskan and 5 by Pawnee Domino. Among them are individuals good enough to head any herd in the land.

For catalog address

WALTER RAVENSTEIN, Owner, Adams (Kingman County), Kan.
Auct.: Freddie Chandler Jesse R. Johnson and Mike Wilson with Kansas Farmer



TRI-STATE SALE OF REG. RED POLL CATTLE

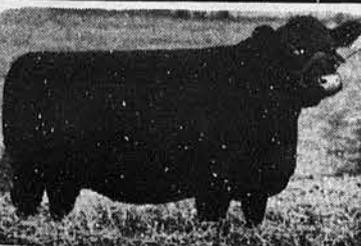
To be held in the Chamber of Commerce Livestock Pavilion

South St. Joseph, Mo.—December 7—Time 1 P. M.

40 HEAD SELLING; 10 Bulls and 30 Females. 20 CONSIGNORS: Breeders from Kansas Nebraska and Missouri are consigning to this sale. Buy the All Red, All Polled Breed That Are Unsurpassed for Milk and Beef.

For sale catalog write to **HAROLD SMITH, Rea, Missouri**

Auctioneer: Bert Powell, Topeka, Kan.



QUEEN OF HEARTS 2nd X

60 Polled Shorthorns for Sale

"Cherry Hill Hallmark" and "Red Coronet 2nd" in service. We offer new blood and some of the best. Buy the hornless kind. 150 in herds.

For Sale: Males—bred and open females and calves. Price \$150 to \$1,000. Farm location—22 miles west and 6 miles south of Hutchinson.

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

Kansas Polled Hereford Assn. First Annual Show and Sale

Hutchinson, Kansas --- December 13, 1948

Show 9:00 A. M. — Sale 1:00 P. M.



57 LOTS
25 Bulls
32 Females



Featuring the bloodlines of top Kansas Polled Hereford Herds. Similar breeding has in past years supplied foundation cattle for many of the top placing cattle at major Polled Shows throughout the country. Most of the top placing animals at National Shows in recent years have been shown from Kansas herds. Here is a chance to purchase animals of like quality and breeding.

All cattle Tb. and Bang's tested.

Be sure to attend the National Polled Hereford Show and Sale at Denver, December 9, 10 and 11, and visit Kansas herds on your way to Hutchinson, December 13.

Consignors:

- | | |
|---------------------------------|--------------------------------------|
| Frank C. Brennen, Rozel | John Luft, Bison |
| J. R. Brooks & Son, Wayside | I. K. Lygrisse, Benton |
| Mark G. Brown, Wilmore | Jean & Dean McCallum, Matfield Green |
| Roy R. Colle & Sons, Lyons | Joseph C. Maes, Bushton |
| Roy E. Dillard, Salina | Massier Bros., Ellis |
| N. L. Dinges, Hays | Cecil Medley & Sons, Tampa |
| Leo Ebel, Wamego | Paul Molz, Kiowa |
| Harold Gingress, Sedgwick | George Riffel, Enterprise |
| Donald R. Goodger, Belleville | Vic Roth, Hays |
| Graver Bros., Rush Center | Irvin R. Schmidt, Buhler |
| Grant Heffen, Rosalia | O. J. Shields, Lost Springs |
| Fritz Kerbs & Sons, Otis | John Stumps & Sons, Bushton |
| Fred W. Lamb & Sons, Macksville | Weich Bros., Garfield |
| John M. Lewis & Sons, Larned | |

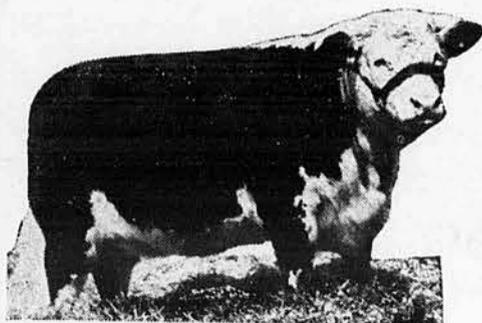
Banquet and business meeting will be held at the Leon Hotel, Hutchinson, Kan., Sunday evening at 7:00 o'clock. Visitors welcome. For catalogs write:

N. L. DINGES, Secretary, Hays, Kansas

Auct. Freddie Chandler Judge: Joe Purdy
Mike Wilson with Kansas Farmer

FLINT HILLS HEREFORD ASSOCIATION SECOND ANNUAL SALE

Cottonwood Falls, Kansas, November 22



Show 9:00 A. M.
Sale 12:30 P. M.

24 BULLS
Serviceable and Herd Bull Prospects
32 HEIFERS
Bred and Open

CONSIGNORS

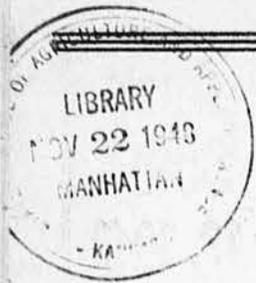
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|--|-------------------------------------|
| John E. Brink, LeRoy | Cecil Medley & Sons, Tampa |
| Broken Winecup Hereford Ranch, Marion | Miller & Manning, Council Grove |
| Allen Engler & Sons, R. 1, Topeka | J. J. Moxley, Council Grove |
| A. H. Dieball & Sons, Alma | Mulvane Farm, Rossville |
| Frank George & Sons, Lebo | J. R. Overstreet, Newton |
| Hays Hereford Farms, Cedar Vale | J. B. Pritchard, Dunlap |
| W. E. Hazen, LeRoy | John J. Sharp, Bazaar |
| C. E. & Lynn Hepler, Burns | L. Spencer & Sons, Cottonwood Falls |
| Leodore Herplech, Herrington | Titus & Stout, Cottonwood Falls |
| Leonard B. Johnson, Alta Vista | E. S. Tucker, Eureka |
| Kansas State College, Manhattan | Henry Waner, Florence |
| Joe Lewellen, Rt. 4, El Dorado | Wm. & Wayne H. Ward, Elmdale |
| Jean and Dean McCallum, Matfield Green | T. L. Welsh, Abilene |
| James W. McKnight, Eskridge | Winzer Hereford Farms, Leon |

Outstanding Cattle from Outstanding Area Selected by Inspection Committee. Flint Hills Airport south of Cottonwood Falls for light planes. $\frac{1}{4}$ sod marked.

Lunch on grounds — Free Coffee. For catalog write

ELMORE G. STOUT, Sale Mgr., Cottonwood Falls, Kan.

Auct.: Hamilton James Mike Wilson with Kansas Farmer



the best hired hand in the world

Picture of Motor
courtesy of
General Electric Co.



HERE'S a dependable farm hand who'll give you safe, convenient service day in, day out, all year round! When you hire an electric motor there is no cranking, no fuel to carry, no tanks to fill, no oil to be changed, no radiators to freeze.

Your electric motor is a fool for work . . . at the flick of a switch! Electric motors are versatile. Fractional horsepower models make it practical and economical to use them on jobs you are now doing by hand or with engines more expensive than the jobs require.

Portable motors, readily moved and quickly set up, may be used for ensilage cutting, sawing wood, hoisting hay, and other seasonal jobs. For such work as milking, pumping water, and operating farm shop equipment, you'll probably want permanently installed motors.

Whatever the job, you'll find electric motors always ready. And no matter how you figure it, you'll find no other power source so easy to use, so economical in operation. Get acquainted with your appliance dealer!

The wider use of electricity combined with the skill and experience of business-managed, tax-paying electric light and power companies have made electric service the biggest bargain in the family budget.

**ELECTRICITY—
Does the Job Better!**

This Message From:

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

PIONEERS IN KANSAS RURAL ELECTRIFICATION

LISTEN to the Electric Hour
CBS Stations 4:30 P. M. Sundays

You are
getting twice
as much
electricity for
your dollar as
you did twenty
years ago!