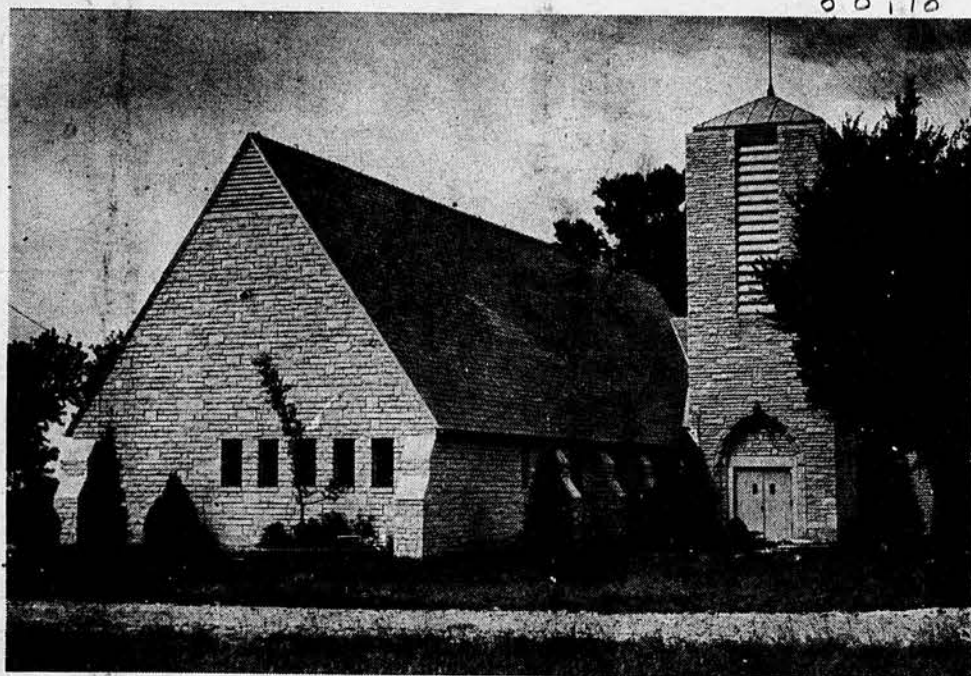
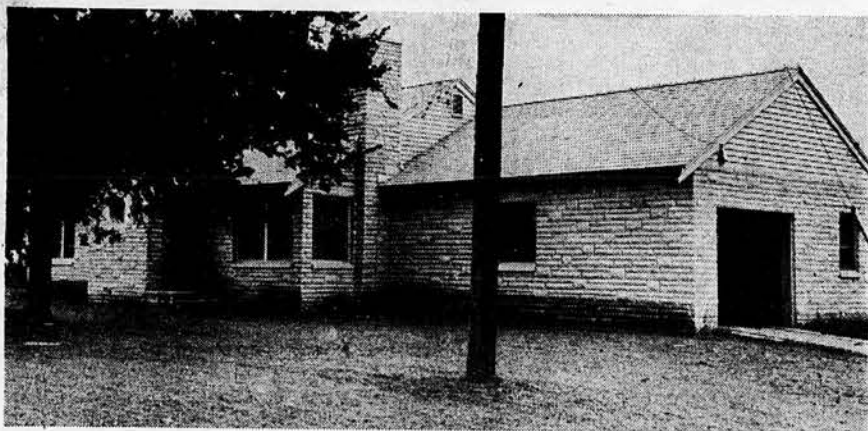


Kansas Farmer



A GROWING CHURCH in a shrinking community is the history of Tisdale Methodist Church, Cowley county. This beautiful new sanctuary was built in 1947 at a cost of \$28,000.



THIS ATTRACTIVE parsonage valued at \$14,000 to \$20,000 has just been completed by Tisdale Methodist Church. Until this one was built the church never had a parsonage.



FROM HIS pulpit in Tisdale Methodist Church, Reverend Gilbert S. Peters tells his congregation there is continued chance for growth of the church.



TALKING OVER church matters in new church study are Reverend Peters, left, and Howard Moon, chairman of building committee when new church was started in 1947.

Just See What Tisdale Church Has Done!

WHAT is a real live church worth to your rural community? Members of Tisdale Methodist Church, Cowley county, decided back in 1946 their church was worth a lot more than they had been spending. Here are some things they have done in a period of 5 years:

1. Made a \$28,000 improvement to their church building and had the entire amount raised in cash or pledges at time of dedication. Members donated between 2,500 and 3,000 man-hours

[Continued on Page 32]

- Pig Losses Almost Zero.....Page 4
- Our Traveling 4-H'ers.....Pages 8 and 16
- This Stream Behaved.....Page 10

Extra-Traction Features

REMEMBER —
Goodyear makes a better tire for every farm job and every type of implement.

make it your No. 1 buy — and America's No. 1 favorite!

NO other tire gives you SUPER-SURE-GRIP's *three* extra-traction features. No other tire gives you SUPER-SURE-GRIP's extra-long service, so important these days! That's why no other tire can

compare in popularity with SUPER-SURE-GRIP—the *best-liked tractor tire in America*. Get SUPER-SURE-GRIPS at no extra cost and see them pull where other tires won't!

1. GOODYEAR SURE-GRIP ACTION. Goodyear lugs are set closer at the shoulder than at the center. This exclusive design provides a vise-like grip that holds the soil in the ground, giving the lugs greater traction than curved lugs that "plow out" the soil. Result — *Goodyears pull where other tires won't!*

2. STRAIGHT-BAR LUGS. Because Goodyear lugs are set straight as a ruler, they have greater traction area than lugs that toe in. Result—Goodyear lugs thrust against the soil with equal force from center to shoulder, giving better traction both backwards and forwards — "*the greatest pull on earth!*"

3. EXTRA-LONG WEAR. Since Goodyear's SURE-GRIP lug action holds the soil firmly in the ground, skid, slippage and abrasion are greatly reduced. Goodyear's famous O-P-E-N C-E-N-T-E-R self-cleaning lugs have no mud-catching hooks or cups. The result is smoother riding, less slip, *far longer life!*

GOODYEAR

Super-Sure-Grip Tractor Tires

250-lb. FEED BONUS PER 100 LAYERS

GOOCH Pays You to Cull Your Flock!

For every 100 birds you put in the laying house this fall, GOOCH will pay you a culling bonus of 40 lbs. of GOOCH'S BEST. You agree to cull your flock up to 10% if necessary to remove all non-producers. Your dealer pays you your bonus with your first order of GOOCH'S BEST Laying Feed. In addition, by removing ten non-producers per 100 layers, you save 210 lbs. of feed during the laying season.

Feed saving on 10% cull per 100 birds... 210 lbs.
Feed earning @ 4 lbs. per cull... 40 lbs.
Extra free feed per 100 layers... 250 lbs.

SAVE 3 WAYS

- (1) Collect GOOCH culling bonus
- (2) Save feed by eliminating boarders
- (3) Sell culled birds for extra cash



When do I collect my GOOCH culling bonus?

Right now—with your first order! You get 40 lbs. of GOOCH'S BEST per 100 layers. All you do is agree to cull up to 10% if necessary.

Let's see, you have 200 pullets. That means you get 80 lbs. of GOOCH'S BEST bonus feed.

And that's on top of the 420 lbs. of feed I'll save by not feeding those boarders.

I've never had a flock lay like this before!

That "Cull 'em and GOOCH 'em" business sure pays off!

*FREE... Your dealer will give you easy-to-use culling instructions prepared by poultry experts.

*HERE'S ANOTHER WAY YOU GAIN! Sell the birds you cull out for extra cash!

This is the third time I've gathered the eggs today!

I suppose you'll be wantin' to go to town tomorrow to take in all those extra eggs.

Here's our GOOCH egg chart for last month.

Say, that's good, 76% production and still goin' up!

How do you like the new coat I got with my extra egg money?

Sure is pretty! Aren't you glad you decided to cull 'em and GOOCH 'em!

Here's Why GOOCH Urges You to Cull...

Your own state college and outstanding poultrymen throughout the country prove year after year that careful, continuous culling is the soundest way to improve egg production at lower feed cost. GOOCH wants you to profit this same way—right on your own farm! That's why we urge you to cull 'em and GOOCH 'em.

Your state college and leading poultrymen know, because they keep records, that culling and proper feeding pay off. Hundreds of GOOCH feeders agree with them. They know culling and feeding pay because they also keep records. Here is what was reported to us last year by feeders just like yourself:

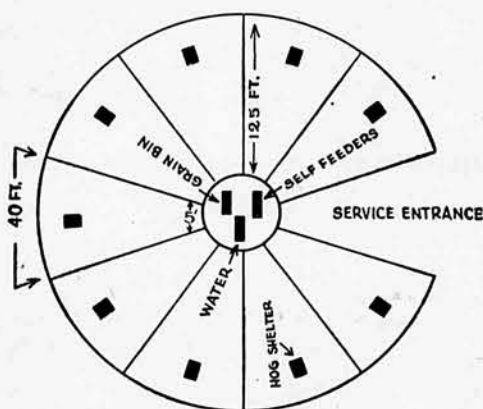
Egg Chart No.	Town	Average Egg Production
197	Table Rock, Nebraska	69%
724	Corydon, Iowa	68%
368	Bostwick, Nebraska	71%
1071	Shelton, Nebraska	83%
621	Bovina, Colorado	72%
236	Fonda, Iowa	73%
73	Woodward, Oklahoma	82%
362	Farragut, Iowa	76%
890	Spalding, Nebraska	65%
137	Cheyenne, Wyoming	63%
203	Maryville, Missouri	72%
784	Bremen, Kansas	61%
621	Kilgore, Nebraska	68%
622	Belleville, Kansas	70%
322	Friend, Nebraska	72%
601	Salina, Kansas	72%
106	Ottawa, Kansas	73%
270	Coffeyville, Kansas	76%
64	Dalhart, Texas	75%
841	Minneapolis, Kansas	70%
42	Sac City, Iowa	69%
70	Hartley, Texas	82%

See Valuable Gift for Egg Chart at Your Dealer's

Because you want to know for yourself—and because GOOCH wants to know—how well you do this year, GOOCH is encouraging you to keep your own record. Your GOOCH dealer will supply you with an easy-to-use daily egg chart. Keep it for three months, then send it in. For your cooperation, GOOCH will send you a beautiful gift—absolutely free! This valuable gift is on display at your GOOCH dealer's. See it today!

There's a good egg season ahead of you. Make the most of it. Get your GOOCH'S BEST Laying Feeds and culling bonus. Decide now to CULL 'EM AND GOOCH 'EM.

GOOCH FEED MILL COMPANY
Lincoln, Nebraska • Salina, Kansas
Dalhart, Texas

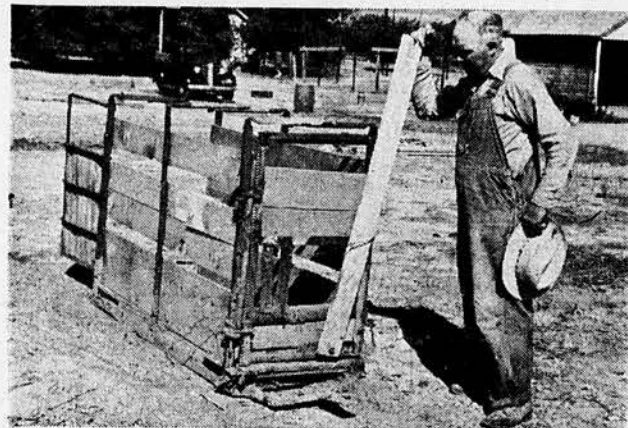


SOWS AND LITTERS are put in pens arranged around service center, allowing one person to take care of large number of litters. This view of one section of wheel, above, and accompanying diagram, at left, show how pens are arranged.

THIS PORTABLE crate, and a portable loading chute, are 2 pieces of equipment that save the Worcesters time in handling their sows.



MR. WORCESTER designed this range house to serve as shelter for sow and litter, with special attention to protecting pigs from being crushed. Note how sow's alley is partitioned off so pigs have plenty of protected space.



Pig Losses Almost Zero

IT ISN'T FANCY, but it really works. That's the best way to describe the hog-management program of A. D. Worcester and Sons, Billy Joe and Leon, of Graham county.

By combining sound ideas and best possible use of materials on the farm, the Worcesters are taking care of 98 sows and litters in addition to plenty of farm work. With most of those sows farrowing twice a year that means a lot of work, as every hog breeder knows. The Worcesters haven't eliminated all work but they have perfected a management program that cuts labor to a minimum. And they have cut pig losses to almost zero.

How did they do it? Well let's start with the farrowing house. Mr. Worcester didn't have one so he took over an old henhouse. He left a central alley, front to back, then divided the 2 sections of the henhouse into what he calls "strait-jacket" farrowing alleys. These alleys

... Labor also cut to minimum handling 98 sows and litters on the A. D. Worcester farm

By DICK MANN

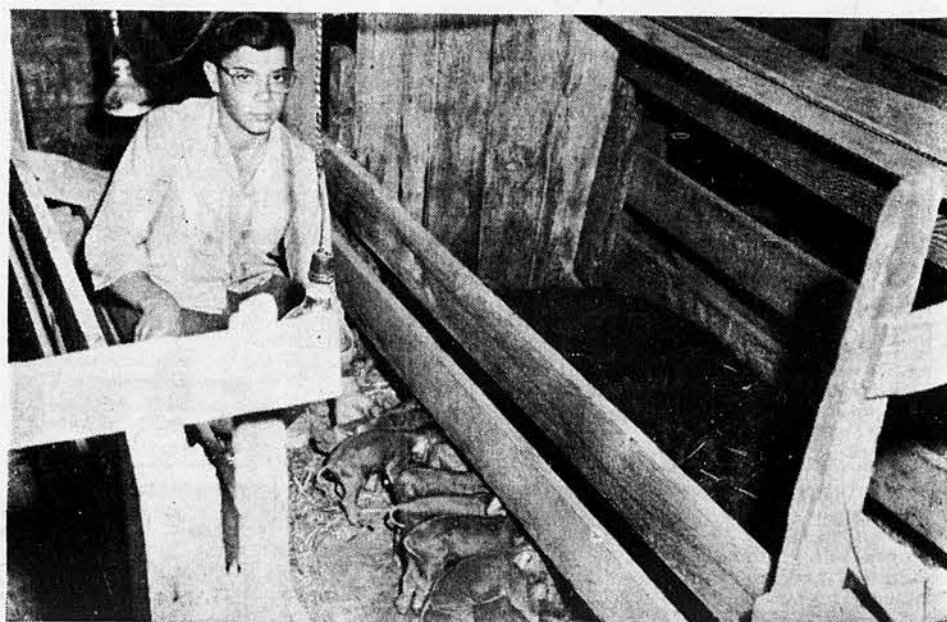
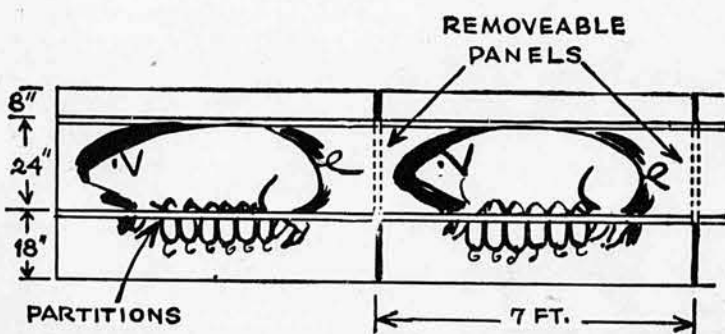
are 24 inches wide and run from the central alley to the end wall. Every other alley has a cross partition each 6 feet. The alley next to it is open but has grooves for sliding panels every 6 feet. A sow is driven along the open alley until she is in the right spot. Then panel doors are put in place in front and behind her. This confines the sow in a space 6 feet long by 24 inches wide.

However, the side partition between sow and the next alley on either side is only a part parti-

tion, coming down to within 11 inches of the floor. So, when the sow lies down, she must lie straight in her alley but her feet protrude under the side partition into the next alley. This second alley is for the pigs. While the sow is in her alley the pigs are protected from crushing by the side partition, which is made of two 1 by 6's with a 2-inch gap between boards. At farrowing time an extra guardrail is put behind the sow so she cannot back up and crush the newly-born pigs against the panel behind her.

As a result of his experience with this unusual farrowing house, Mr. Worcester now is planning a new house that will provide for 7-foot farrowing pens instead of 6 feet. "I believe 6 feet is a little too short," he explains. He also will run his alleys from front to back and have an outside door for each runway. Each runway would [Continued on Page 37]

FARROWING STRAIT-JACKETS save pigs for A. D. Worcester and Sons, Graham county. Picture at right and diagram below show details. Boy in picture is Leon Worcester.



Farm Matters

AS I SEE THEM

IT SEEMS to me there is a growing awareness in America—as well as in the Kremlin—of the high importance of the defense of the American dollar. That is a healthy sign. There has been a much too complacent attitude of swallowing whole the theory of some "liberal" pseudo-economists that (1) the size of the national debt does not matter, "because we owe it to ourselves"; and (2) that there need be no worry over resultant national bankruptcy, because the government always can print more money if that should threaten.

The pages of history are replete with instances of the decline and fall of nations and peoples which have fallen for this sophistry. And yet the Government of the United States has been following fiscal and monetary policies apparently based on that theory for nearly 2 decades.

Occasionally there has come a gleam of apparent understanding. A few days ago, for example, President Truman declared that if the American economy were wrecked by inflation, that "would be the easiest victory the Kremlin could ask for." But almost in the same breath he called for more extravagant government spending, at home and abroad. Now government spending is the basis of inflation—and inflation compounded when accompanied by deficit spending. Government "deficit spending" is the paying out of the Treasury dollars that are borrowed or just plain printed—representing no corresponding increase in production of goods or services.

The man (or corporation) that repudiates his debt obligation has lost his financial integrity. The same applies to a government, altho the result is not so immediately apparent. You

don't have to look far to show this. Take a \$100 government bond which was purchased 10 years ago. Cash it. You get \$100 in money. But the purchasing power of the dollars you receive is little more than half what it was when you bought the bond. To that extent, the U. S. Government has repudiated its national debt.

The basic foundation for the present inflation, it seems to me, is the government spending brought about by our foreign policy—or policies; there seems to be some doubt just what is our foreign policy, above and beyond pouring out dollars abroad, inevitably accompanied by a corresponding increase in extravagant spending at home.

The other day—just about the time the President warned that an American economy wrecked by inflation "would be the easiest victory the Kremlin could ask for," Secretary of State Dean Acheson told Congress casually that the plan is to spend \$25 billion for foreign assistance over the coming 3 years.

I wonder if you realize how much the United States has done in the way of foreign assistance in recent years?

When the Marshall Plan was started, it was expected to cost \$12½ to \$17½ billion over a 4-year period. Then came the North Atlantic Pact, with an initial prospect of American military aid of perhaps a billion dollars a year.

"With the Marshall Plan now tapering off, the military (aid) program has expanded until it is twice as big as the Marshall Plan ever

was," the Guaranty Survey (Guaranty Trust Co., of New York) for September warns. "And there is no assurance that the spending of \$25 billion will bring it to an end."

"The American economy is powerful, but even its great capacity has limits. How long can it continue to give away money at such a rate?"

A recent survey by the U. S. Chamber of Commerce shows that about \$50 billion was sent abroad immediately before and during World War II. About \$40 billion more has been sent since the war. The \$8½ billion proposed by the Administration would bring the total close to \$100 billion; make it \$25 billion as proposed by Acheson, and you get something like \$115 to \$120 billion. And no end in sight. The more we "invest abroad" the more we are called upon to send more money to keep the "investment sound."

And then, in order to keep up with our Mr. Jones (Uncle Sam) abroad, we are called upon to spend some \$60 to \$70 billion on defense at home. Spendings of that magnitude naturally loosens the purse strings for spending for other purposes at home. You have heard it: "If we can spend \$8.5 billion to help foreigners, why can't we spend a few billions at home to help our own?"

Paraphrasing the good old standby of the beginning typist, "Now is the time for all good men to come to the defense of the American dollar."

Arthur Capper
Topeka.

Is Peace Treaty Really Our Victory?

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

SIGNING the Japanese peace treaty at San Francisco generally is hailed as a signal defeat for the Soviet. But Sen. William Jenner of Indiana (Rep.) and some others point out that the treaty validates everything Stalin got from the late FDR at Yalta; and leaves the way clear for Japan to sign up with the Soviet for raw materials from Manchuria, with Communist China for markets on the mainland for its manufactured goods.

Continuation of the off-again, on-again, gone-again "cease fire" barrage of accusations and counter-accusations at Kaesong seems to be moving definitely toward the military stalemate predicted by General MacArthur—unless Communists build up enough strength to stage a neat offensive, under cover of the "talks."

And on the home front the Administration continuing to press on a reluctant and balky Congress its demands for more controls and control powers—and larger appropriations—amounts to another stalemate.

These 3 controversies occupied much of the news stage of the world the past week. Looks like stalemate in Korea; dog fall in Washington; and at Frisco—the late Will Rogers quotation, "The United States has never lost a war; never won a conference" still has a good many believers; some doubters both as to the present police action victory, and on the other hand, whether we really could lose thru the terms of the Japanese treaty.

Congressional attempts to hold down government spendings remind of trying to put your finger on a globule of mercury. You push down on it, and the globule appears somewhere else.

Senate and House seem to agree on cutting about a billion dollars off the foreign aid program for the current fiscal year; the Senate Committee on Banking and Currency promptly comes up with approval to increase lending

authority of the Export-Import Bank another billion dollars.

President Truman proposes a permanent \$400,000,000 flood insurance fund to take care of present and future floods. Secretary of State Acheson stands hitched on that 25 billion dollars coming 3 years for various foreign-aid commitments.

Looks like the best any individual income taxpayer can look forward to is an 11 per cent increase in his federal income tax over the 1950 tax—more if his income has gone up since 1950.

Corporation taxes are to be upped from 47 per cent of net income to 52 per cent, for corporations earning more than \$25,000 a year. House and Senate are in disagreement on what to do about those corporations with annual earnings up to \$25,000. But they will be increased some over the present tax rates.

It still is a popular delusion in some quarters—and among some orators—that corporation taxes "soak the rich" thereby benefit the poor; meaning you and me. However, as corporations to stay in business have to pass on their taxes to those who buy their goods or services, in the long run corporation income taxes amount to sales taxes. Instances where they don't, the corporation goes bust.

Buyers on the whole seem to have been holding their breath—and onto their pocketbooks—during the last few months. Results have been sagging prices on soft consumer goods; slower sales of durable consumer goods; business prognosticators are at variance as to the future price changes. General agreement that if the war effort and its demands for metals and other scarce materials does result next year in high prices for goods farmers buy, chances also are that farm prices will continue

to slide downward. Meanwhile farm land prices are on the upgrade. Bureau of Agricultural Economics reports farm real estate values in dollars are up 17 per cent over a year ago. Biggest increase was 5 per cent during the 4 months from March to June, 1951—average 5 per cent.

It is rather unusual for the trend in land values to be upward while prices of farm commodities are sliding. Probably that won't last long. One trend or the other will change. Reason for increase in land prices partly is heavy buying of farm land by city folks, as a hedge against inflation.

As of today, there are more indications of a mild deflation than of inflation. "But just wait until the defense program really gets under way, or the war comes," Washington warns. "Prices are bound to go higher, unless we have controls."



"I wash 'em, feed 'em, sew, scrim and save for 'em. He reads them the funnies, and they think he's the world's champ."

Underlying situation pointing toward inflation: Demand and time deposits of reporting banks are 2 billion dollars larger than a year ago; currency in circulation is up 1 billion dollars, in round numbers.

F. A. Korsmeyer, editorial staff of the Wall Street Journal, raises this point:

"How long a business boom engendered in considerable part by the rising demand for useless goods (arms) and the Government's purchase of things to give away can hold its pace is a question. Perhaps it is THE question."

Oregon has posed a pretty problem for the backers of Gen. Dwight D. Eisenhower for the GOP presidential nomination. Under Oregon laws 1,000 signers can place anyone in nomination in the Oregon presidential primaries. Consent of the candidate is not necessary. Oregon Republicans got busy, circulated petitions for Eisenhower. Oregon Democrats got busier, or busier faster, whichever way you prefer, and filed his name for the Democrat nomination.

Lawyers and politicians in Oregon, including the guardhouse lawyers and crackerbox politicians, are busy debating whether the General will have to state his party affiliation before the April closing date.

Also, whether the Democrats will seek to enjoin the Republicans from filing their petitions; whether the Republicans will bring mandamus to compel the printing of Eisenhower's name on the primary ballots.

There are those among the Eisenhower supporters who believe it would hurt his chances to have him approved on both tickets in the Oregon primaries.

The situation is further complicated, according to the Portland Oregonian editor, by fact that Oregon has another law which prohibits a candidate from being nominated on more than one party ticket.



I'M BARNEY STRONG! THE STRONGBARN ROOFING MAN! YOU CAN BUILD WITH ME BETTER AND CHEAPER!

SEE HOW I WITHSTAND HEAVY LOADS!

Yes, Strongbarn Corrugated Galvanized Roofing and Siding is actually 56% stronger than conventional grades of galvanized roofing and siding. That's why Strongbarn doesn't buckle under heavy loads. It fits tighter, too... withstands high winds.

LET ME SHOW YOU HOW I SAVE YOU MONEY!

Because Strongbarn is light in weight yet strong, you can space studding and rafters farther apart in new construction, save on the cost of framework materials. It will pay you to investigate Strongbarn now!

Write today for FREE Strongbarn Booklet. Tells you all about how you can build better, stronger... cheaper!

STRONGBARN

GRANITE CITY STEEL

New Hog Disease Means Big Dollar Loss

A DISEASE so new it has no common name is now menacing the Kansas hog industry. Infectious atrophic rhinitis was spotted first by field veterinarians last fall, was more prevalent this spring, and is now quite widespread in Kansas, according to Dean E. E. Leasure of the Kansas State College veterinary school, who described it as "a serious threat to hog raisers."

Altho rhinitis kills few hogs, it means a big dollar-and-cents loss to the Kansas hogman. Growth of infected hogs is stunted so it takes 9 months to a year to put them over the 200-pound mark, and many never reach this weight, but must be sold as runts.

Rhinitis has shown up in the United States only in the last few years and its exact cause has not yet been determined, Doctor Leasure said. Symptoms of the disease are sneezing and coughing, bleeding from the nose, distortion of the snout and retarded growth. It is transmitted readily to young pigs up to 8 weeks old by direct contact with a diseased hog, and it is possible for some pigs which show none of the symptoms, but which come from an infected litter, to carry the disease.

Leasure explained that rhinitis often

causes destruction of the bone in the pig's snout that helps to keep out dirt and foreign material; and possibly because of this pigs affected with rhinitis are more susceptible to other common swine disorders, especially those which strike the intestinal tract and lungs.

Leasure said the disease usually is spread by a breeding animal, either gilt or boar, to a litter of young pigs, since hogs more than 8 weeks old are less likely to get the disease. He explained that altho pigs from the first litter often show little sneezing and only some have distorted snouts, the number of diseased pigs increases with each litter until as many as 70 per cent of the pigs are affected after the third or fourth year.

Because it is possible for one animal to infect a whole herd, Dean Leasure cautioned against buying hogs from diseased stock. He said animals from infected herds should be sold only for slaughter, adding that no harm results from eating their meat.

If a herd picks up rhinitis, Leasure suggests that all hogs be removed from the premises and the litter cleaned up and the grounds disinfected. He said restocking can take place after 3 or 4 months period with reasonable safety.

There's New Interest In Bean Growing

By WILLIAM G. AMSTEIN, Kansas State College

THE idea that mechanical harvesting of snapbeans will soon be here has attracted the attention of growers, processors, and breeders to the possibilities in new varieties, and lower labor costs. Canners and growers rate snapbeans as the canning vegetable crop with highest cost for harvest labor. One of the newer varieties, Topcrop, developed by Doctor Zaumeyer and released by the Department of Agriculture in 1950, is considered fairly well-adapted to mechanical harvesting. Topcrop is a heavy-yielding, disease-resistant, widely-adapted bush type of excellent quality. It grows nearly all of its pods at one time, ready for an economical once-over-the-field picking.

Other varieties, such as Tendergreen and Brittle Wax, also are considered somewhat adapted to mechanical picking. However, they lack the disease-resistance of Topcrop, do not yield as well, and do not produce all their pods so nearly at one time as does Topcrop.

In the canning and freezing industries and among the commercial snapbean growers, there is little doubt that a mechanical picker will be in commercial use before too long. With such a picker and the accompanying cut in the harvest part of the production cost, certain changes are likely to take place fairly soon.

The strictly bush-type snapbean with the right characteristics of plant and

pod, altho not such a heavy producer as the pole type, may drive out the latter as a commercial crop because of lower labor costs. Not only must pole beans be picked by hand, and plants put up to the supports by hand, but the work of setting posts, stringing wires to them, and tying strings to the wires, requires much labor and material—expensive items these days.

Topcrop has enjoyed enormous popularity since its release. It is a disease-resistant, high-quality, heavy-yielding, concentrated-yield bean. Plant breeders are attempting to develop a still better type for mechanical harvesting—that is, even more concentrated in the good qualities of Topcrop. In addition, they hope to develop a variety with slimmer and somewhat darker green pods. Canners and freezers may some day have packaged snapbeans having somewhat the bundle-of-sticks appearance of canned full-length asparagus.

Snapbean production for fresh market and for canning and freezing has doubled in the last 20 years. But if new machines and new varieties can be developed, production will be increased.

Plastic Bag Use

I have found by rolling cracker crumbs in a plastic bag there is no muss or spilling, and I can see when crumbs are rolled fine enough.—Mrs. D.

Floods Must Be Stopped



ONCE 12 FEET DEEP, this creekbed is now 12 feet high. The silt and sand acting as a dam on French creek were deposited here by the Kansas river which overflowed at right angles to the creek channel. By clearing this channel drainage will be restored to the farms of B. H. Bahumuer and J. F. French making them again tillable. The farms are located 3 miles northwest of Lecompton in Douglas county.

MARYLAND
Report No. 3418



"We haul poultry feed for only 1⁴/₅¢ a mile!"

—says Russell Deaner,
Eglantine Farms, Greensboro, Md.



"Ford Trucks operate more economically than any other trucks we've ever owned," Mr. Deaner and Farm Mgr. Farlow report.

"They do more work in less time!"

Eglantine Farms has eight Fords to haul poultry feed for Maryland farms. They entered a 1950 Ford F-1 Pickup equipped with POWER PILOT in Ford's nationwide Economy Run, and report:

"During the six-month Run the F-1 Pickup traveled 12,994 miles, with plenty of stop-and-go driving. But the total amount we spent for gas, oil, maintenance (with no repairs) came to only \$233.65. That's a running cost of only 1.79 cents a mile!"

Like others who rely on Ford for low running costs, you can be sure of money-saving service from your local Ford Dealer. For more facts on the trucks that last longer *and* save you money every mile—mail the attached coupon.

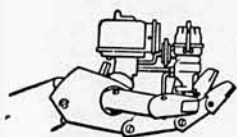


This 6½-ft. Ford Pickup for '51 is built for "Monday hauling" and for "Sunday calling!" Body has sturdy wood floor. Floor-to-ground height is only 24 inches. Gearshift lever is on steering column. Wider, 3½-ft. cab rear window provides

50% more rear visibility. Two fine cabs available, the 5-STAR and, at slight added cost, the 5-STAR EXTRA give extra driving ease and efficiency. Ford builds over 180 models to fit your job. Your choice of V-8 or 6-cylinder engines.

Availability of equipment, accessories and trim as illustrated is dependent on material supply conditions.

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3311 Schaefer Rd., Dearborn, Mich.

Send me without charge or obligation, detail specifications on Ford Trucks for 1951.

Full Line ☐ Heavy Duty Models ☐
Light Models ☐ Extra Heavy Duty Models ☐

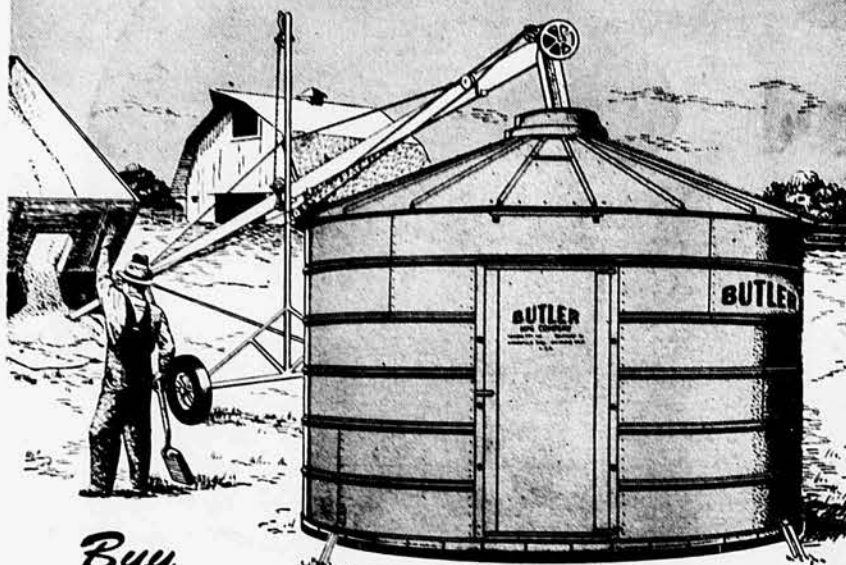
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City _____ State _____

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- Permanent, long-life construction
- Man-sized roof manhole, for easy filling
- Proved in use for more than 40 years

Your grain is completely protected in a Butler Grain Bin. It stays safe from fire, weather and rodents. Knowing that your grain is safe in a Butler bin, you can wait to sell until the market is at its highest. Do as thousands of other farmers are doing... increase your profits now with Butler bins.

Butler all-steel bins are fire-safe. Sidewalls are built of extra heavy gage steel. Roof ribs overlap for extra protection against wind and moisture. Steel bottom keeps ground moisture out. Tight-fitting door makes bin rodent-proof. Improved shoveling board prevents grain spillage, yet permits easy grain removal.

Precision made parts allow fast, easy erection with no special parts. Anchor lugs and foundation band furnished.

Take a look at a Butler Grain Bin at your Butler dealer's today. Then buy one and protect your grain... for greater profits.

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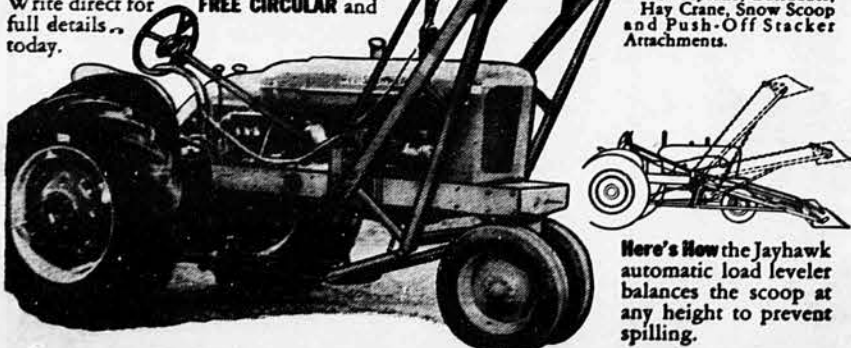
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Donna Goes to France

Remember, Kansas Farmer promised to bring you letters from our 2 Kansas 4-H'ers who are spending some time on European farms this summer. Here is the fourth one from Donna Cowan, of Emporia, who has gone to France.

DEAR MR. GILKESON: Once a year each French village has a fete in celebration of its special Saints day. At Herbecourt, July 29 and 30 were festival days. A carnival was set up in the village square and Sunday evening musicians came from Peronne to play for dancing.

That Sunday afternoon I'd driven with the family to Paris Plage at Le Touquet, a beach on the English channel, to the Concours Hippique, a jumping horse event in which Monsieur Vanoye had a horse entered.

When we got home it was almost 10:00 o'clock p. m., but we weren't too late to go to the festival which was just getting started. The dance floor was crowded with not only everybody in Herbecourt, but also from neighboring villages. All waltzes were very fast, and we even danced LaRaspa, one of my favorite folk dances that we do at home. At intermission everyone went out to the carnival and we rode on a mild version of a tilt-a-whirl. The gay spirit was there like Kansas fairs.

A Holiday Visit

Next day was a holiday, too, and people spent the afternoon visiting and at the carnival. The musicians came back Monday evening and played for dancing from 10 to 2. Only Herbecourt people were there that time, because it was only their village that had a holiday on Monday. We danced rumbas and sombas, the paso doble and some more fast waltzes to the music of the drum, accordion, clarinet, trumpet and violin.

At 6:45 next morning I caught the bus as it went thru Herbecourt to go to Amiens. The bus makes a round trip each day, stopping at each village where there are passengers, almost like a city bus, because villages are so close together. In this region all farmers and workers live in villages, and one doesn't see any farm homes along the road; only fields of sugar beets, potatoes, barley, and wheat.

At Amiens I was met by Maurice Hoel, director of the Cercle des Jeunes of the Somme, a job equivalent to that of county 4-H Club agent, only the Somme departement corresponds to a state rather than a county. We were joined by Mademoiselle Agnes Daucher who gives lessons in homemaking to young French farm girls.

In a tiny 2-horsepower Citroen car we made a tour of several farms in the Somme. Near Abbeville we visited an artificial insemination center where there were Flamand, Normand, and Hollandais bulls, the 3 most important breeds of cattle in France. On several farms they were raising rabbits for meat. All farms we saw have a square of buildings around the house, thus forming a courtyard.

Happy Reunion

Something we 4 IFYE delegates in France will never forget was the wonderful time we had August 4 to 8 in Paris. Since we had been on our separate farms a month it was very good to see one another again. We all went to a Paris airport to meet Everett Mitchell, Jerry Sotola and Jerry Seaman of the National Farm and Home Hour radio program, who are traveling thru Europe interviewing the IFYE's. They had just arrived from Holland where they had seen Elizabeth Ann Elliott, of Morris county. While they rested a bit, we IFYE's, a man from Allis-Chalmers, the national president of the Cercle des Jeunes, and a newspaper editor went to the top of Montmartre to the Cathedral of Sacre Coeur then walked thru the narrow streets of the district which is very much alive. We actually did see young artists with their easels and palettes painting their canvases on the sidewalks and in the streets.

In one narrow street we saw a big green Buick going slowly, there was just barely room for it between the sidewalks.

That evening Allis-Chalmers Company, our host during the whole stay, entertained us at dinner on a Bateau Mouche, a boat restaurant on the river Seine. Guests included representatives of the American Embassy, the Cercle des Jeunes, E. C. A., a French farmer



Donna Cowan

and his wife, men from Allis-Chalmers and an associate company, the U. S. Radio men and the 4 French IFYE's. It was beautiful and romantic to sail thru Paris on a boat in the Seine, seeing Notre Dame and Eiffel Tower lit up on the banks while eating wonderful food and singing and dancing.

Next day we drove to see the Chateaux at Chantilly and Compiègne just north of Paris. We drove thru the forest of Compiègne to the feudal castle of Pierrefonds, crossed the drawbridge over the moat, and walked thru rooms where in olden days knights sat at round tables.

Visit Several Farms

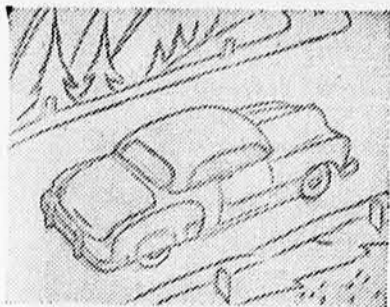
Monday we drove south of Paris to see the cathedral at Chartres and to visit some farms in the region. Carol Jean Blackhall, of Rice county, has been living in that departement of Eure et Loire. When we got back to Paris late that afternoon we were guests of the Cercle des Jeunes at a reception which was attended by government representatives, including Mr. Omer W. Hermann, the new U. S. Agricultural attache to France. Talks were made by the national president of the Cercle des Jeunes (young farmers organization), Everett Mitchell, and George Scott, IFYE delegate to France from Colorado, about what we are all trying to do, build lasting friendship between our countries.

That evening we 4 delegates were guests of Terre Nouvelle, a French agricultural newspaper at the Theatre Chatelet where we saw the musical Don Carlos. After the show we walked thru the Halles, gigantic market place, to watch truckloads of cauliflower, onions, and peaches being unloaded in preparation for next morning's market.

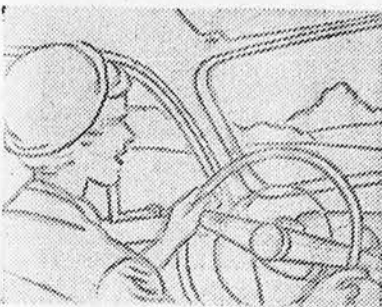
Before 7 o'clock next morning we were on the road heading north thru Normandy.

At Creully, in the departement of Calvados, we visited a condensed milk factory where they have sweetened condensed milk like paste in tubes, and after making real French camembert cheese, put it in tin cans for export. At a seaside restaurant we had fresh oysters, (mussels I think), and a kind of large crab for lunch. We drove on to the farm where Esco Williams, IFYE delegate from Mississippi, is living, and went out into the pasture to see the cows. The farmer told us at the time of the invasion from the Normandy beachhead, his pasture was covered with military equipment. It wasn't far to Arromanche and Utah Beach where we saw masses of rows of white crosses in the U. S. Military Cemetery, and wrecked ships down below on the beach. On the way back we drove all along the coast to Deauville where we had a marvelous dinner. It was a long ride back at the end of an impressive day.

Next day when Everett Mitchell asked us on a radio interview what we thought of France, we couldn't possibly say enough about our home for 4 months in 8 minutes recording time. That afternoon we said good-bye to the National Farm and Home Hour men as they were leaving to fly to Rome. They had almost 5 days in France, but we 4 IFYE's are lucky to have almost 5 months in this diversified, charming country.—Donna Cowan.



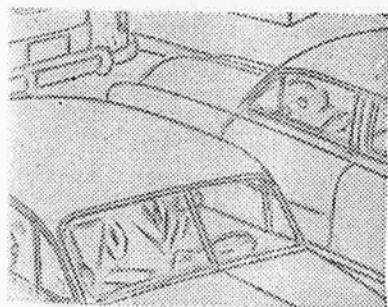
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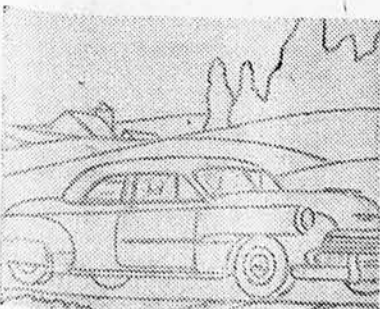
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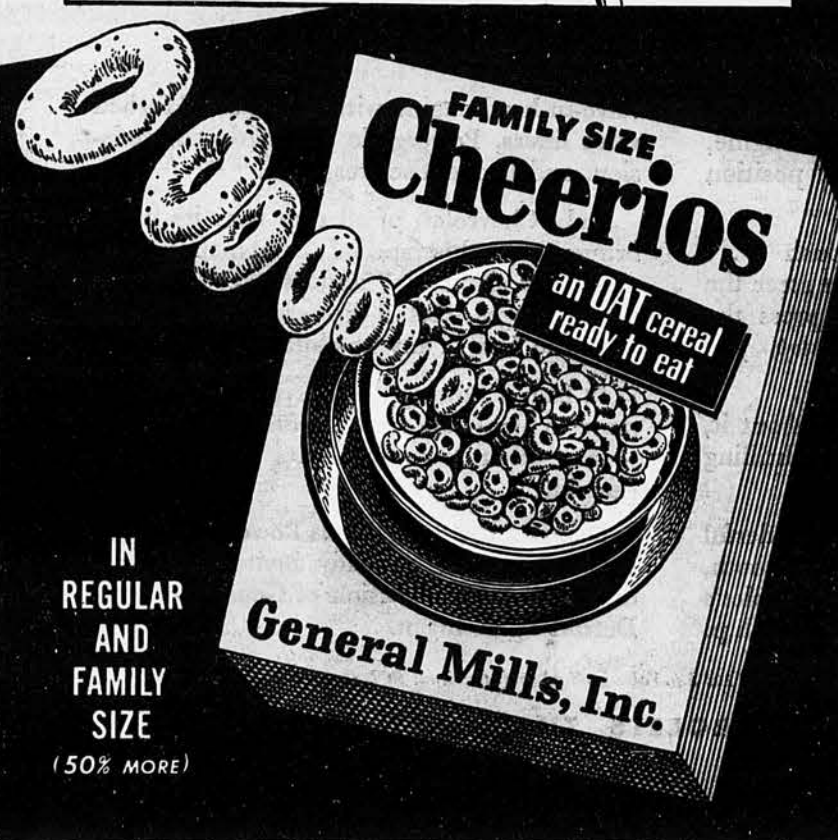


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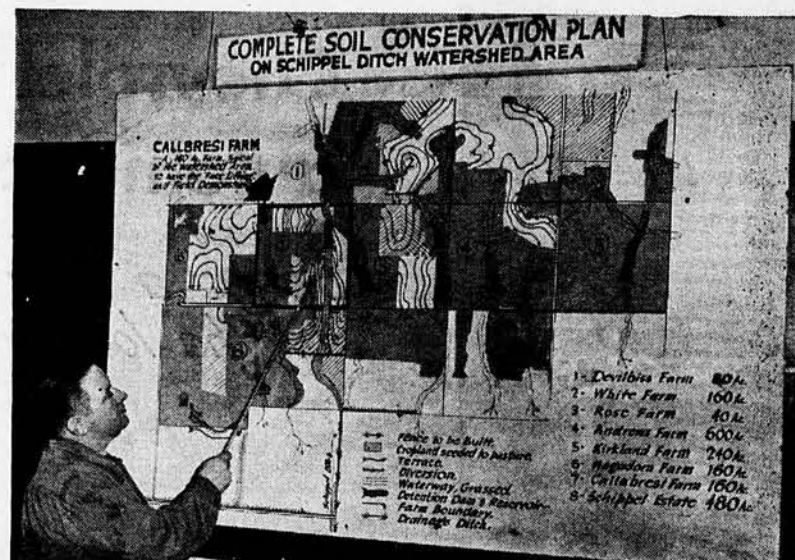
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This Stream Behaved

... Two flood-producing rains in 12 hours
didn't put water out of its banks

By R. C. LIND, Extension Soil Conservationist



THIS PICTURE, first printed in Kansas Farmer August 5, 1950, shows J. Payne, Saline county work unit soil conservationist, looking over a map showing area where more than 20 upland and lowland farmers entered a pooling agreement with PMA to solve a serious soil erosion and flood problem. The conservation program, designed by Mr. Payne, paid off during the 1951 flood.

AT LEAST one small stream in the Kansas flood area behaved itself this year. That was the Schipfel drain, a man-made stream that carries runoff from a watershed of 2,500 acres of upland about 3 miles east of Salina to the Saline river.

This watershed is almost wholly protected by conservation, put there by the co-operation of 15 farmers on the bottomland whose 2,500 acres had been subject to frequent flood damage—and the 8 farmers in the upland watershed. Kansas Farmer told about the Schipfel Ditch in the August 5, 1950, issue.

Despite the heavy rainfall, the drain did not get out of its banks at any place from its source until it reached the floodwaters of the Saline river. Neither was there overflow on the land the drain was designed to protect, except for that part which the Saline river flooded.

Trouble from Flash Floods

The watershed of the Schipfel drain is rolling upland sandy soil, of which about 40 per cent is cultivated. Flash floods from this upland formerly deluged the bottomland, damaging crops and depositing sand over this rich land.

The original ditch was built in 1932. It was not the solution, for it soon filled with sand. County commissioners agreed to clean it only on provision that farmers take needed action to prevent its filling with silt again.

Thus, the co-operation that led to conservation of the upland got its start. At request of farmers to supervisors of the Saline county soil conservation district, Jay H. Payne of the Soil Conservation Service made a sur-

vey of the area and prepared the proposed conservation program needed. This included a group of floodwater detention dams to hold back floodwater temporarily, releasing it under control thru drop-inlet pipes thru the dams.

It was found it would cost \$10,000, or \$4 an acre, to apply the needed conservation. Farmers on the upland pooled their PMA allotments, which raised half the sum; bottomland farmers raised the rest. The Salina Chamber of Commerce sponsored a Salina Soil Saving Day, which was a public demonstration on one farm of the application of the watershed conservation plan.

The watershed plan was almost wholly applied, with the technical aid of the SCS, by 1950. Then came 1951—dry at first, then the May and June rainfall that totaled as much as the area gets in a normal year. On top of that came the fateful week of July 5 to 12, 1951.

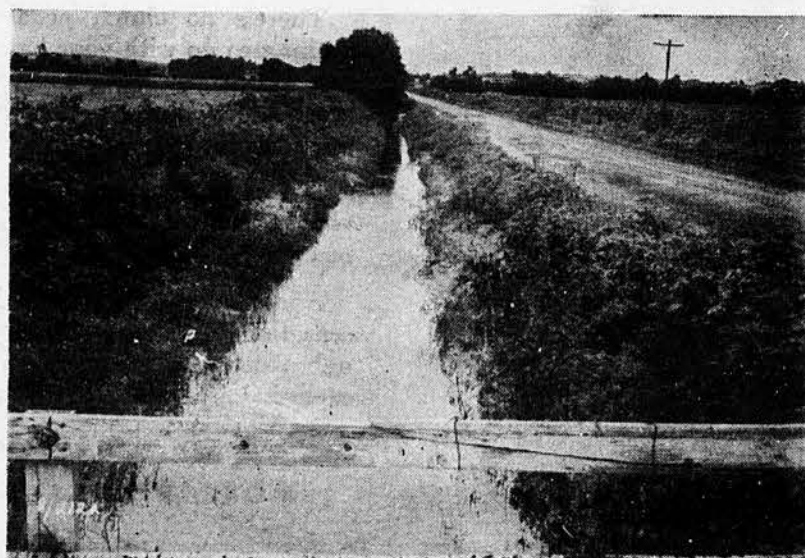
"We got a little over 10 inches of rain in 2 nights—July 10 and 11," reports D. R. Hagadorn, who operates the farm in the upland that is owned by his son, L. T. Hagadorn. "Five inches fell the first night; a little over 5 inches the second night."

Mr. Hagadorn had begun application of his conservation plan, with aid of the soil conservation district and SCS technicians, well before the watershed job was launched.

Can See No Damage

"I've looked the whole farm over carefully," Mr. Hagadorn continued, "and I can't see where any damage

(Continued on Page 11)



PAYOFF of watershed treatment. This is a view of the Schipfel ditch, taken from a bridge that was just above the flood line of the Saline river. Despite rainfall that caused Kansas' most disastrous floods, this little stream was kept within its banks.

was done by those rains. There are no breaks in terraces, and I can't see that there has been more than just a little silting in the terrace channels.

"The detention dam? Well, sir, no water ran thru the spillway at all that first night. All of it was released thru that pipe. But a little water ran out for a short time the second night.

"I do believe, tho, if there had been just a few more hours between the 2 rains, the pipe would have handled all the water. It is designed to discharge the floodwater in 24 hours. We had 2 flood-producing rains only 12 hours apart, and the pipe almost took care of them both.

"There was mighty little silt got away from this land. That means it reduced the chances of silt collecting in the drain by that much. And the flood runoff couldn't just rush on its way; it had to take its time going thru the pipe."

How did the other detention dams fare? One, which received its water from grassland on the Irene Callibresi farm, abutting Hagadorn's had no flow thru the spillway. The story for the others was the same as for Mr. Hagadorn's, which had both grassland and cropland in its drainage. There was some spillway flow for a short time during the second hard rain.

Some damage to land occurred. There was some erosion between terraces on land where the conservation plan was more recently applied. At one place the farmer had built only the 2 upper terraces in one field; the 2 lower ones were conspicuous by their absence. The upper part of this field was well protected from erosion; the lower part was severely eroded and gullied. The effect of this was seen in the silt deposit at the upper end of the pond it drains into.

Clean As a Hound's Tooth

Generally, however, there was little evidence of silting in the other ponds, and the Schippel drain appeared almost as clean as a hound's tooth all the way to the Saline flood line. Damage to the ditch where the Saline had flooded it, of course, was extensive.

So, this little stream was kept in bounds by proper conservation treatment of its watershed, even tho 2 flood-producing rains came only 12 hours apart to top off a severe rainy period. But there's another side to the story. Let Mr. Hagadorn tell it:

"You bet this pays us, too. When Lester bought this place, people thought he was foolish. It was run-down and eroded badly. Now the erosion is controlled, we save a lot of the water we get, and we are building up the soil now that we can hold it in place. The farm is producing well. Conservation here decidedly has paid us, as well as helped fellows down below."

KSC Economist Goes to England

O. J. Scoville, USDA agricultural economist at Kansas State College, has gone to England for a year for work with the ECA. He is assisting in development of an agricultural economics research division.

Senator Capper on Radio

Every Sunday afternoon at 12:30 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

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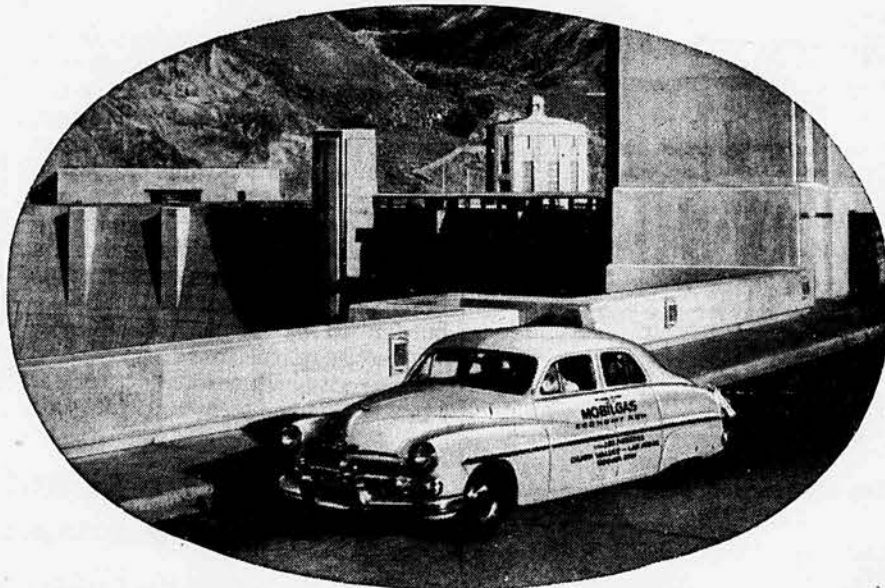
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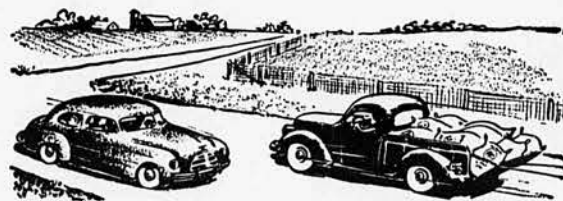


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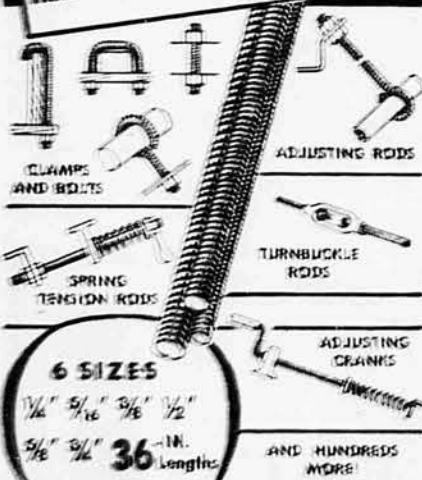
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Thoughts

TO LIVE BY

Vocation

THE Labor Day season offers us an opportunity to re-think our philosophy of work. Most of us labor with our brain or our brawn many hours every week. And the work we do influences our whole outlook on life. The farmer thinks in terms of acres and seasons, the teacher in terms of lessons and pupils, the policeman in terms of law and crimes. And where we work determines our residence. People move to communities where good employment is available regardless of the housing conditions. Inasmuch as work is so important to us, we all have some kind of attitude toward it.

Work may be very unpleasant to some people. The less they do the happier they are. Work must be tolerated because it enables one to earn money, the spending of which brings happiness. Men who find no joy in their work hunger for more and more money, thus boosting the spiral of inflation. That makes of work a curse and not a blessing. It means the major function in life is a heavy burden to be borne instead of a source of satisfaction.

A far more wholesome attitude is expressed in the term vocation. God

calls people to preach the gospel, till the soil, build the houses, teach the young, heal the sick. It is natural that God should call people into the various lines of endeavor, for Jesus said, "My Father worketh hitherto and I work." If God works, toil is honorable. Labor is to be chosen and not avoided. To think of idleness as the goal of life is to be unrealistic. It is in work we find ourselves. It is in work we express ourselves. What dignity work gives us! What pride we can take in it! We are co-workers with God. But if men are to find joy in their service, they must answer the call of God. He will lead us into paths of productive endeavor as well as into green pastures.

Furthermore, the man who lives by the principle of vocation substitutes concern for personal ambition. How to get ahead is no longer the big question. Now he asks, "How can I best serve my fellowmen, thus pleasing God." One needs no longer impress certain people but just do his work well. He needs no longer strive toward positions he cannot fill, but do with his might what his hands find to do. After all, living well today is the best way to prepare for tomorrow. Such is the good news of vocation.—Larry Schwarz.

Hints to Avoid Chronic Cold

By CHARLES H. LERRIGO, M. D.

CHECK UP ON YOUR CONDITION? Are you too fat or too thin? Do you have satisfactory elimination of waste from bowels and kidneys? Do you have chronic sore throat? Any nasal disturbances? How about teeth? Skin? Vision? Hearing? Sleep? All of these things count. If you have any chronic ailment that saps your energy, get it cured.

CHECK YOUR HABITS? The human body is a well-regulated organism. Disturb its habits and you lessen your resistance. It demands definite outdoor periods. It needs sunshine at all seasons of year. It calls for regularity as to meals, and resents the hasty swallowing of poorly-prepared food (a fault of many of you). It demands definite periods of recuperation. While this applies chiefly to sleep, it also includes certain times of relaxation in one's waking hours.

WHAT ABOUT VITAMIN LACK? It may be in vitamins, A, B or C. In all probability you can correct the deficiency by studying a well-ordered diet. Perhaps your "sweet" tooth needs denial. Possibly you are satisfying your cravings for sugars and denying your system the mineral elements and vitamins found in cereals, green vegetables, and such foods as milk, eggs, liver and beef.

HELP FROM DOCTOR? This is an all important matter to the one who would get rid of colds. If you go from one cold to another and are sure of 2 or 3 each season, it will certainly pay you to choose a doctor who takes such matters seriously and join him in digging deep to find the cause. Lack of certain essential foods, a chronic infection of some kind (especially sinus), imperfect elimination, too little rest, poor ventilation, unwise clothing, may be causes.

Colds definitely are contagious. So, of course, you avoid contact with coughers and sneezers; you wash hands thoroughly before handling food; you keep the children away from crowds as much as possible; and not only does that apply to children but to the feeble and the aged.

Cultivating resistance is excellent. Regular bathing, followed by brisk rubbing with a rough towel helps to keep the skin active. Wearing clothing that does not coddle, yet protects, is wise. See that children are protected

with extra clothing for severe weather; and that it is not also worn in warm rooms. Keeping the room temperature low and the air moist is another good measure. If you accustom yourself to 50-degree living rooms you are ill-prepared to resist the north wind that brings zero temperatures outdoors. Make cold weather welcome and dress yourself for it. And be definitely particular to eat nourishing food with necessary vitamins and minerals, not forgetting to include the fats and proteins.

A Serious Condition

Our boy has some kind of fits. The doctor says "just nerves" or else "worms." Can you suggest some kind of home treatment?—Mrs. W. R. T.

There is no likelihood that intestinal worms would produce such serious symptoms. If you have quoted your doctor correctly he has made a diagnosis that is very vague and quite too indefinite. This boy seems to be in serious condition. Best advice I can give is that you take him somewhere for really skillful medical diagnosis and treatment, without delay. The sooner you take positive action the better chance for the boy. A condition that produces convulsions is too important for home treatment.

See a Specialist

Will you tell me whether there is any cure for asthma? If not, is there any climate in the United States that would effect a cure? If so, where? Our boy of 5 has had asthma for a year.—F. G. R.

Before trying change of climate I would have this boy carefully examined by a nose and throat specialist for any defects that may possibly cause his trouble. Then I would have him tested for allergy. If so, he should be treated by vaccines and would not have to leave home. A high, dry climate does seem to be helpful in some cases but there is no certainty about it, and a location that suits one patient may do nothing for an apparently similar case.

If you have a medical question you would like answered, send it to Dr. C. H. Lerrigo, Kansas Farmer, Topeka, enclosing a stamped, addressed return envelope with your request.

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ATCHISON, Tatge's Hardware Store
ATTICA, Schmidt Hatchery
BRONSON, Bronson Grain Co.

Russells Store

BURLINGTON, Stillian Service Sta.

BUSH CITY, Phils Cash Grocery

CAIRO, Cairo Corner Store

DE SOTO, Goodrum Elevator Co.

EDGERTON, Edgerton Grain Co.

EUDORA, Eudora Mills

FONTANA, Wilson Grain Co.

FORT SCOTT, Beths Farmers Produce

Yeager Feed & Grain Co.

GARNETT, Fawks Produce

HARPER

Williams Chick & Turkey Hatchery

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Buds Feed Store,
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Theo Busch, 1809 N. 5th

Dobson Feed & Poultry,
510 Kansas Ave.

Good News Feed, 706 S. W. Blvd.

Kansas Ave. Merc., 18th & Kansas

Kelly Feed Store,
2600 Metropolitan

Metz Store, 40th & Metropolitan

State Ave. Farm Store, 40th & State

Strumillo Groc., 16th & Pacific

Woods Grocer, 700 Quindaro Blvd.

Wray Feed & Gas, 29th & Brown

KINGMAN, Morton Feed Store

KIOWA, O K Grain Co.

LAWRENCE, M. L. Schaake,
623 W. 23rd

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LINWOOD, Reeds General Store

MERRIAM, Linter Coal & Feed

Severin Feed Store

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MUNCIE, Edlund Feed & Hardware

OLATHE, Johnson Co. Produce

Olathe Hatchery

OTTAWA, South Main Produce

OVERLAND PARK

Jennings Coal & Feed

PAOLA, Sims Produce

PARKER, Lockhart Station

PRATT, Pratt Equity Exchange

PRESCOTT, Hume Produce

RICHLAND, Richland Elevator

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SEDGWICK, Behymer Hatchery

STANLEY, Boyd & Mozler

TONGANOXIE, Dale Rawlings

TOPEKA, Roderick Coal & Feed

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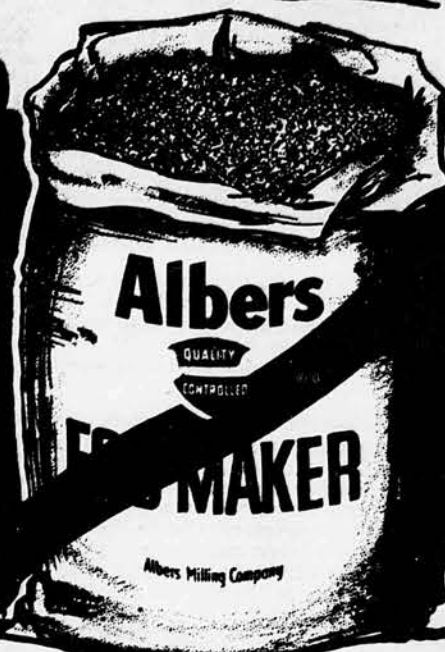
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ECONOMICS FIGURES)

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Hurry-up Seed Plan

National Foundation Set to Increase New Grass-Legume Stocks Quickly



BUFFALO ALFALFA that made 850 pounds of seed an acre on Harlan-Dumars Ranch near Woodland, Calif. Checking seed set is Bernel Harlan. The National Foundation Seed project looks to these arid, irrigated areas for rapid increase of new grass and legume seeds. This ranch in 1949 produced one sixth of certified Buffalo seed available for 1950 planting.

RAPID increase of new grass and legume seed supplies is the goal of the National Seed Foundation. This project was organized 2 years ago. It is a vehicle for co-ordinating seed facilities of the various states to develop new varieties more rapidly and make them available to farmers sooner.

Co-operating in the project are state experiment stations, several USDA agencies, the International Crop Improvement Association and the American Seed Trade Association.

There is a 16-man planning committee which is comparable to the board of directors of an organization. It consists of 2 representatives from each of the 4 regional experiment station groups, from the International Crop Improvement Association, the American Seed Trade Association, the PMA and the Bureau of Plant Industry, Soils and Agricultural Engineering.

Then in co-operating states the experiment station director names a state foundation seed representative who handles the operational phases of the program in the state in co-operation with Foundation Seed Project personnel. A. L. Clapp, Kansas State College agronomy department, is the Kansas representative.

How Project Works

Here is the way the project works: A new grass or legume variety is developed by plant breeders. If it shows promise of wide use, the foundation buys the seed supplies thru the CCC. This seed then is allotted to states whose producers make a specialty of producing seed; usually where soil and climatic conditions are conducive to high seed yields. Thru co-ordinated effort the process of increasing scarce seed supplies is cut to a minimum of time.

C. S. Garrison, executive secretary of the foundation project, with headquarters at Beltsville, Md., points out it normally takes about 20 years to go from nothing to an adequate supply of a new alfalfa variety. Thru the foundation they hope to achieve adequate seed supplies in 6 years.

First varieties selected by the foundation for increase were Tift Sudan grass, Kenland red clover and Atlantic alfalfa. None of these held any particular importance for Kansas, altho Kenland may prove beneficial to Kansas farmers in the extreme eastern end of the state.

Red clover generally is considered as

a biennial legume. Actually it is a perennial like alfalfa, but the attacks of diseases and insects have reduced it to the 2-year level. Important among those diseases and insects are southern anthracnose, clover mildew, root borer and clover weevil.

Kenland is resistant to southern anthracnose and clover mildew. For that reason it produces more luxuriant forage crops, altho it seldom lives for more than 2 years.

More recently other varieties have been added to the list. They include Buffalo and Ranger alfalfa, Dixie crimson clover and Climax lespedeza. That Buffalo has been taken under the wing of the foundation is of particular importance to Kansas.

The foundation anticipates the annual requirement of Buffalo foundation seed is between 15,000 and 20,000 pounds. They figure that much is needed to provide adequate supplies of certified seed for production of alfalfa for



RANK RANGER GROWTH: Frank B. Olmstead demonstrates vigorous growth of that alfalfa variety on his irrigated farm near Grandview, Wash. This field yielded 1,000 pounds of seed an acre. Ranger is adapted to states in northern alfalfa belt.

forage thru the central alfalfa belt where Buffalo is adapted.

In 1949 on 130 acres Kansas produced about 24,000 pounds of seed for such increase purposes. Bulk of that production went back to Kansas farmers to produce registered seed. Kansas was not then under contract to sell its seed to the CCC according to the National Seed Foundation plan.

But in 1950 Kansas had a bad alfalfa year. Seed production went to pot. There was only a little more than 3,000 pounds of foundation seed produced in the state. A total of 3,036 pounds was contracted to the CCC. In addition to that 646 pounds of breeders seed was supplied other experiment stations.

Makes Work Easier With Grain Elevators



HARD WORK of handling certified seeds on the Harold Staadt farm, Franklin county, has been eliminated with this new elevator and a smaller auger-type appliance. Grain is dumped by gravity from the truck into a hopper on this elevator and electricity does all the work.

Last fall some Kansans were wondering what was going to happen to that Kansas produced seed. It belonged to the CCC. Kansas was short on foundation seed but couldn't touch the short supply because it belonged to the National Foundation. During winter it was allotted out, with some of it remaining in Kansas.

For rapid increase the National Foundation looks favorably on the dry areas along the Pacific coast and in the Southwest where they talk in terms of 1,000 pounds of seed an acre instead of 2 or 3 bushels an acre. They look to those areas for rapid increase of seed supplies. And one generation in that climate will not change quality or characteristics of seed.

Some Kansas farmers who have been producing certified Buffalo alfalfa seed may find themselves unable to compete with the favored producers of the West and Southwest. However, the foundation plan may prove of advantage to the greatest number. Main alfalfa income in Kansas is from forage. Altho Kansas has more alfalfa acreage than any other state in the Union, Kansas ranks fourth in point of seed production.

Might Have Helped

There have been unhappy seed situations in the past which the Foundation might have been able to prevent had it existed. In case of Tift Sudan grass, not adapted to Kansas but important in Southeastern states, there was hardly any pure seed available 4 years after it was released to farmers. Pure seed strains were neglected and a big job of selecting had to be done over again.

Ranger alfalfa provides another example. Seed supply got ahead of demand soon after the variety was released. Seed growers were afraid to hold to their seed and keep their money tied up. It was released into trade channels. Soon demand for Ranger was up again and pure seed supplies were gone.

The National Foundation hopes to prevent those situations in the future by being able to assure seed producers of a market for some new variety, taking it off their hands thru the CCC.

For Halloween

There are 12 games or contests in our leaflet, "Halloween Fun." Let us send you a copy for that party you are planning for next month. Address Entertainment Editor, Kansas Farmer, Topeka, and enclose 3c.

Kitchen Plan Leaflet

For those interested in a new or remodeled kitchen we suggest you order the leaflet, "A Step Saving U-Shaped Kitchen." Send 10 cents to Home Editor, Kansas Farmer, Topeka.

No. 9 in flower series written by a man
who grows them by the acre

Try Lilies in Your Garden!

By FRANK PAYNE



AMONG the oldest flowers grown today are lilies. There is proof of that fact because almost 2,000 years ago Jesus said in his Sermon on the Mount, "Consider the lilies of the field, how they grow; they toil not neither do they spin; And yet I say unto you, that even Solomon in all his glory was not arrayed like one of these."

I do not know just what lilies the Master was speaking about, because all of them are beautiful. Millions of lilies are grown and forced in greenhouses by commercial growers for their Easter trade. But that is not the type I am urging you to plant this fall. I write about the kind you can plant out in your flower garden same as you would tulips, peonies or narcissus.

All garden lilies require is to be planted in good soil, and it must be well drained, too. Above all, remember lilies cannot stand "wet feet," neither do they like fresh manure about their roots. If your soil is poor or clay-like, get some leaf mold earth out in the woods from under old trees. Dig a hole about 15 inches deep. Put in at least 6 inches of the rich leaf mold earth. Most lilies should be planted deeply with a few exceptions, which I will explain later in this article. Now, for further drainage, put 2 big, double-handfuls of coarse sand or fine gravel in the hole, then plant your lily bulb.

Lay Bulb on Side

One important thing to remember is to lay the bulb on its side so water will not collect in the base of the bulb. You see, a lily bulb has loose petals something like a rosebud. If water gets under these petals it cannot get out of the bulb and causes it to rot. Now you can understand why it is so important to place the bulb on its side.

Most lilies were found growing wild out in fields or woods. Some were found in China, others came from Japan and a few were found growing wild in America. All lilies appreciate shelter from cold winds, so avoid a north exposure. In front of shrubbery, on east side of house or even among other flowers is all right, if not planted too close to be smothered by strong growing plants. Lilies can stand partial shade. They also like some mulching on ground around them to keep ground cool and shaded from extreme heat.

Always plant lilies in groups. They take up very little room and a dozen planted 8 to 12 inches apart in a group will give you a much better showing than when planted singly. You could grow lilies from seed, but it would be several years before you would get full-size plants and blooms. Better get at least medium-size bulbs and enjoy lily blooms in late spring after fall planting.

Can Recommend These

Here is a list of lilies I can recommend for planting in your garden. It is not complete, but there are enough kinds to give you a good start and you can add other varieties later. Now all lilies have jawbreaking, hard-to-pronounce Latin names, but I will give both their common and botanical names so one can easily find them in catalogs.

Regal (L. Regale) white, shaded pink on outside. Very sweet scented. Blooms in June. Plant 9 inches deep. Grows 3 to 5 feet. Came from China.

Madonna (L. Candidum) pure white. Oldest cultivated lily in Europe. Has delightful fragrance. Due to rosette of leaves produced in the fall it must be planted early. August and September are the only months to plant this kind. It must also be planted shallow and only be covered with 2 or 3 inches of earth. Blooms in early June.

Tiger (L. Tigrinum). Several forms of this kind, both single and double. Does well even in shade. Four to 5 feet tall. Plant 9 inches deep. Has dark salmon orange flowers, spotted purplish black. Blooms in late July.

Candle Stick (L. Umbellatum) sometimes called "Red Russian" but it never came from Russia because it was found in Japan. Comes in varying shades of red or orange. About 2½ feet tall. Plant 8 inches deep. Extremely easy to grow. Blooms about first week of June, sometimes mine are

blooming in time for Decoration day trade. Lovely to plant in cemetery.

Gold Band (L. Auratum) a mountain lily from Japan blooming late in August or September. Grows 3 to 6 feet tall. Plant 10 inches deep. White spotted red with a bright golden yellow band running thru center of each petal.

Showy Lily (L. Speciosum Rubrum) a Japanese lily with white, red spotted flowers. Plant 10 inches deep. Blooms in August.

Coral Lily (L. Tenuifolium) Coral red, very dwarf and does well in a rock garden. Plant 6 inches deep. Blooms in June.

Lily of the Valley. This old favorite has no relationship to bulb lilies but it must be fall-planted in a cool, shaded spot, say north side of house. The crowns are called "pips" and should be planted in small clumps using 3 to 4 pips to each clump. Plant 4 inches deep. Allow plenty of room between each clump as they spread rapidly. Blooms in early May when violets are in bloom. Pure white in color.

Easter Plant Will Grow

Here is another one of my "Scotch ideas" because I really do practice that all I can when it comes to saving anything. If someone should give you a beautiful potted lily for Easter, or if you buy one from the florist, the plant can be saved after it is thru blooming and can be kept for many years. It will bloom for you, too!

Do this. Plant it outdoors about 9 inches deep. Remove carefully from pot the entire ball of earth and plant it just like that. Do not cut the top off but allow it to help mature the bulb. Next year you will be rewarded with some nice blooms but it will be late in June. As you no doubt know, Easter lilies are forced into blooming early in the greenhouse and lose a lot of strength from forcing. Their vitality can only be restored by outdoor planting.

All lilies are good for many years right in the same location if you do not cut the tops off, but allow them to grow and ripen the bulbs until the stalk and leaves turn brown in late fall. Some varieties multiply very rapidly and in a few years you will have a multitude of bulbs to reward you for your good care. The seed pods should be broken off when small, to keep all the strength going into the bulb. Plant some lilies this fall sure. You will thank yourself for doing so when you enjoy their beautiful blooms all summer if you get some of all the varieties I have recommended to you.

Other Bulbs for Fall

Now I have written special articles about peonies, tulips and lilies for fall plantings. There are other flowers just as pretty that bloom next spring if you will get busy and get them planted soon, right away if you can. Here is what I mean. Narcissus—you probably call them Jonquills or Daffodils, but Narcissus is the correct name. Regardless of that, plant some now, September or first week of October, and enjoy their bloom early next spring before tulips bloom and as soon as frost is out of the earth. Leave them there for years and years—they increase in size, beauty and in bulbs. Plant 6 inches deep and 8 inches apart in the shade or sun, but choose a well-drained location and do not cut off the leaves until they turn brown. That's all there is to it—now isn't that easy?

Hyacinths—These flowering bulbs come from Holland where millions are grown for the U. S. trade. They, too, bloom extra early in spring and are deliciously fragrant. Come in pink, red, yellow, blue, purple and white. The white seems to be most fragrant. Hyacinths should be planted in beds in light sandy soil which drains easily and warms up early in spring. Plant 6 inches apart and 4 to 6 inches deep. Dig the soil up much deeper so it will be soft and mellow. Their roots penetrate the soil deeply. Best results are from September or early October plantings.

(My next and final article in this series tells you how to put roses to bed for winter protection.)

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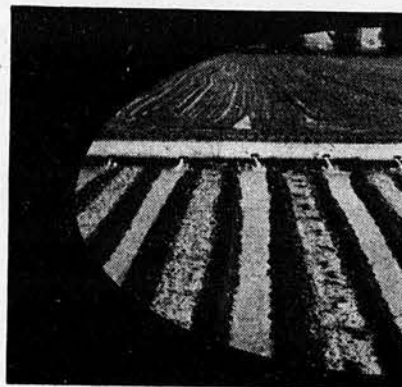
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10

Warren Goes to Switzerland



CUTTING GREEN GRASS to haul to barn for cattle. Livestock isn't turned out due to lack of land. This way 3 or 4 times as much feed is gotten from the pasture.

Remember, Kansas Farmer promised to bring you letters from our 2 Kansas 4-H'ers who are spending some time on European farms this summer. Here is the fifth one from Warren Prawl, of Severance, who has gone to Switzerland.

DEAR MR. GILKESON: The 2 pictures I am sending are of work scenes here on the farm. Nothing spectacular but a little different method is being used than at home.

One shows men fastening down rye bundles on the wagon. When load is completed a long wooden pole is placed lengthwise of load. At front end of wagon it is held in place by the standards and in rear a rope is looped over it and pulled taut. To accomplish this the rope is wrapped around a wooden bar and turned by means of levers placed in slots in the bar. You can see this in the picture. The rope is drawn very tight and the pole puts much pressure on rye or hay or whatever crop may be so it will not slide off. Load is much bigger than it looks for the fork on right side of wagon had a handle 8 feet long. Loads are always very narrow at bottom and widen out at top. Strapping down load like this is necessary here for the terrain is so rough.

The other picture is a common scene in Switzerland. Men are cutting green grass to haul into barn for cattle. Cat-

tle are not turned out to pasture for there is not enough land, and this way 3 or 4 times as much grass is gotten from land. Grass is cut with a scythe and loaded with a fork, all in a special way. One also can see men employing rakes to gather up every last blade of grass. Rakes are made of light wood and sometimes of wooden handle with steel teeth. Incidentally, I am shown using the scythe. To watch a native use one it seemed easy and effortless, but when I tried it I soon found there is an art to it. Until I learned just how to use it properly I grew tired very quickly.

Very Particular Workmen

One thing about the Swiss, they do everything in a most particular manner as if any other way was wrong or would not suffice. Several times I have thought a job completed, to my satisfaction, but not quite complete enough for them.

Here in this small country 4 languages are spoken. German, French, Italian and Romansh with German, the main language. The Swiss don't call it German they call it Deutsch. Never call a Swiss a German or Frenchman or Italian unless you say Swiss-German, Swiss-French, Swiss-Italian.

Only the biggest farms own tractors and these are mostly small Diesels.

(Continued on Page 17)



FASTENING DOWN rye bundles on wagon. When load is completed a long wooden pole is placed lengthwise of load and roped taut. This is necessary to keep load from bouncing off over rough terrain.



Warren Prawl

Gasoline is very expensive here, about 57 cents a gallon but Diesel fuel is cheap. Most Diesels are made in Switzerland but one line of tractors, Vevey, has a Chrysler engine made in the United States but with a body fabricated in Switzerland. Fergusons and Fords are the American brands of tractors used here and are very practical for these small farms. The smaller farms usually have large garden-size tractors and all the attachments and they really put them to use.

All rain does not fall in Kansas. A short time ago it rained 9 inches in 24 hours here all up and down Ticino valley. In 2 days it rained about 11½ inches. All rivers were flooding and mountain streams were torrents. Many bridges were carried away by raging mountain streams and train traffic was halted over St. Goodard Pass 4 days. This was the worst flood here since

1889. Albert told me he was going to send me back to Kansas if all I could do was bring rain.

The climate in Ticino valley is approaching semi-tropical with up to 80 inches of rainfall a year. This is the fruit growing section of Switzerland along with the Rhone valley. We eat much fruit here on the farm and it is all of choicest quality. Farmers take many pains to keep their trees and plants free of disease and insects.

In the valley most people live on southern slopes and plant vineyards right up the mountainside. The sun in such manner makes a longer growing season. There is one small village on the northern slope of the valley that receives no sun 3 months in winter. Mountains are so steep sun cannot shine over them. Altho this is in a sub-tropical region there is snow in winter, but it leaves early in spring.

We have finally finished potato harvest and tomatoes are almost finished, but now tobacco and beans are keeping us busy. There are 50,000 acres of tobacco grown in Switzerland, about 35,000 in Ticino valley.

It gets very hot here in daytime with high humidity but evenings are always cool because of cool air moving in from the lake and down from the mountains. In early morning a heavy shirt or light jacket feels awfully good until 8 or 9 o'clock. To cope with this heat houses are built with very thick walls, usually of stone and tile and are always cool. Windows are all shuttered to keep out the hot sun in daytime and to keep wind, rain and snow out in winter for windows are fit loosely. Terraces are very common and with their flower boxes they present a picturesque scene.

I am very glad I put my address in *Kansas Farmer* with my first article for I have received many letters from different people who read the article, noted my address and dropped me a line. I will give my new address as of September 1.—Warren Prawl, Gutsbetrieb Bally, Schönenwerd Aargau, Switzerland.

Rural Life Camp Was an Inspiration

ABOUT 100 Rural Life members from 17 Kansas counties met at Rock Springs Ranch during August to attend the 6th annual State Rural Life Camp. The theme, "International Fiesta," was carried out in educational sessions, folk dances and dramas.

Up-to-date information on religious customs, farming operations, and courtship of other countries was supplied by the following young men: Pascal Luginbuhl, Switzerland; Noel Hart, North Ireland; Gerard Blampain, Belgium; all of whom were International Farm Youth Exchanges. Students at Kansas State College present to give information were Sahib Bayee, Iraq, and John Fernandez, Argentina.

Professor Wayne E. Testerman, sociology department, KSC, led the panel discussion on religious customs of other countries. The leader pointed out that man is by nature religious and most religions such as Mohammedism, Christianity, Judaism have many things in common. Pascal stated that Calvin established the protestant churches in Switzerland. Today three-fifths of the people are protestant, the remaining two-fifths Catholic. Noel Hart stated that invading Scots converted many Irish Catholics to Presbyterianism. John Fernandez of Argentina said his country was Catholic because its early settlers were of that faith. Gerard Blampain, Belgium, mentioned the fact that neighboring countries helped make his country Catholic.

Hear About Other Countries

Sahib Bayee, Iraq, told of Mohammed's birth, teachings, form of Moslem worship, and the pilgrimage to Mecca. All 5 members answered questions from the audience.

During the dramatization of courtship in Belgium, Gerard Blampain told how important it was for parents of the young woman and young man to approve of their going together. After both families have given their approval, then the young man may call on the young lady on Thursdays and Sundays before their marriage.

Three fellow campers assisted Pascal to show us that Swiss girls marry men 4 to 6 years older than they are for, by that time, the men are able to support a wife.

Noel Hart says girls in North Ireland do not marry young; only 14 per cent of the girls over 25 are married. He says much flirting is done there.

In Argentina, the chaperon accompanies the young lady on dates. John Fernandez says the young man tries to think up ingenious methods of diverting the chaperon's attention so he may spend time alone with his girl.

H. C. Love, Jr., extension specialist in farm management, led the discussion concerning farming in other countries. Comparisons were made between size of farms, price of land, principal crops raised, land ownership in Iraq, Switzerland, North Ireland, Belgium and Argentina.

Delegates swam in the pool, sunned themselves, or sat under a beach umbrella Sunday afternoon. The leisurely camp program gave campers a choice of riding the Palominos, playing shuffleboard, playing horseshoes, doing handicraft, or playing softball.

Many Nations Represented

Flags of many countries decorated the table for the festival dinner Sunday evening. Folk dances of many countries were learned later. A Mexican fiesta helped get everyone acquainted the first night. To prepare for the occasion, girls made flowers for their hair and fellows made sashes of colorful material for their waists. Dickinson County Rural Life members presented a Mexican dance, "La Raspa." Other folk dances learned were the Mexican clap dance and Spanish "Corredio."

A most impressive early morning worship service was held in a wooded area with logs for pews. At the close of the service, each camper went alone into the woods for his own meditation.

As the 100 campers sang, discussed, worshiped, ate, swam, visited, and danced together each of them observed similarities rather than differences in the customs of other countries. It is this kind of experience which will make for better world understandings.

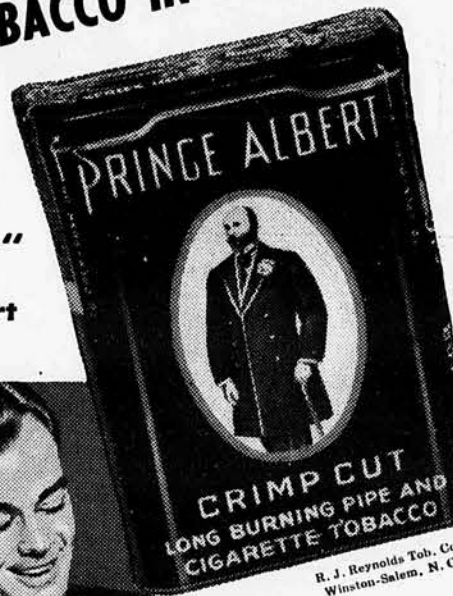
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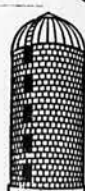


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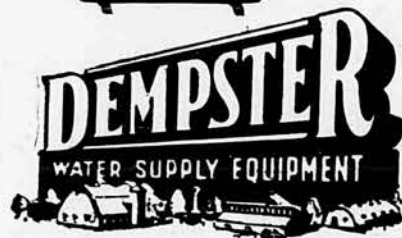
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Article No 10

We Are Seeing America West and Northwest

By FRANCES R. WILLIAMS

Here we have article No. 10 in the travel series by Mrs. Williams, farm woman of Marshall county, final one for this trip. If you have enjoyed them we would be glad to have you drop us a post card. Then we'll hope Mrs. W. will take us later on to some other parts of this interesting country of ours.—The Editor.



Frances R. Williams

THE view from the window of our daughter's home in the hills of Berkeley, just across the bay from San Francisco, is an ever-changing panorama. In the distance are the bright orange towers of Golden Gate bridge, while below and to the left are seen the 2 spans of the Oakland-Bay bridge connected by Treasure Island. There is great activity in the bay area; the ferries, fishing boats, oil tankers, freighters and warships. Alcatraz appears as a small dot near the Golden Gate.

It became a ritual to watch the sun set over Golden Gate. As the light fades into dusk, twinkling lights outline the bridges and myriad colored neon lights turn the cities in the bay area into a fairyland. There were mornings when the city across the bay seemed to rise as if by magic from the fog and mist. The view from our window by day or night was magnificent.

Don't Say "Frisco"

We early learned one must never say "Frisco"; the natives take it as a serious offense. With the city guidebook in hand we explored San Francisco from A to Z. The history of the city goes back to 1776. The Spanish established a military post at what is now the Presidio. So well was the entrance to the great bay hidden, it remained undiscovered until found by a land expedition in 1769. A small settlement named Yerba Buena was established in 1835 which became the nucleus of San Francisco.

California remained under Spanish and Mexican rule until 1846. Fremont took the initiative in claiming the territory for the United States at the outbreak of the Mexican war. He also named the mile-wide entrance to the bay "Golden Gate." Discovery of gold at Sutter's Mill in 1848, changed the small settlement to a roaring city, almost overnight. At one time during the Gold Rush, 700 deserted ships lay at anchor in the harbor, while captain and crew were off to pan gold in the hills.

The Old Spanish Road

We began our exploration on Market street. It follows the same route as the road laid out by the Spanish from Dolores Mission to the first settlement. An ornate fountain, center of one of the busy intersections, was a gift to the city by Lotta Crabtree, famous actress, whose colorful career began as a small girl performer in rude mining camps, and reached its pinnacle when she gave command performances before the kings of Europe. A few blocks south, just off Market street, are the several buildings of the Civic Center. Of Italian and Renaissance design, these buildings grouped around a square were the scene of the founding of the United Nations organization. Only a few years ago, the Charter of the U. N. was formulated amid high hopes for World Peace.

A few blocks west, in the heart of the shopping district, large department stores that rank with those of New York City, offer the latest in quality and style. One sees many well-groomed, handsomely-dressed women. Some business establishments date back to Gold Rush days. One of these, "Gumps," located on Post street, has for many decades been famous for Oriental art. The several floors of this establishment are filled with fine textiles, embroideries, paintings, porcelain, china, glass, carved ivory, jade, furniture and sculpture. To visit Gumps store is like visiting a great museum.

Flower stalls on every street corner, the clang of the cable cars, and the cosmopolitan air of the whole city, intrigue the visitor. Within walking distance from the shopping district lies the thickly-populated area, the largest Chinese settlement outside of China.

The bazaars, cafes and theaters on Grant street cater to tourist trade. But to capture the real spirit of Chinatown, one must explore the steep narrow streets, off the beaten path. Of the 60 or more shops in Chinatown, 20 are famous. Each of the 20 is the center of authority on one or more classes of Oriental ware and art. Other shops are crowded with souvenirs.

We ate several meals in Chinatown. While we enjoyed the novelty of Chinese food, we would not want it for steady diet. Best food was not served at the most expensive places. In a small park across the street from Old St. Mary's church, we came upon the statue of Sun Yat Sen, father of the Chinese Republic. The statue of stainless steel and pink granite is a most amazing example of modern art. Our visit to the Kong Chow temple, up 4 flights of dark, steep stairs provided an experience that sent a few chills and shivers up and down my spine. I was glad when we were back to street and light of day again.

Saw Strange Foods

In the Chinese markets we saw new strange vegetables, fruits and nuts. Parts of animals that we do not use for food were displayed in meat markets, along with dried squid, fish and fowl. There were strange sights and strange smells. Live fish were displayed in tanks of water, pens of live rabbits, coops of live ducks. There was the chatter of the foreign tongue as old women bargained for some duck eggs or selected a live fowl from the coop. Two old men pawed over and handled every dried fish in the keg, before they found just the right one. It was some time before I could think of food.

Telegraph Hill, one of the old landmarks, was once used as a signal tower. Coit tower surmounts the hill, and is a favorite spot to view the lower city, harbor and bay. The walls of the interior covered with murals, a WPA project, portray the history, the vast resources and the industries of California. South and east of Telegraph Hill, the Latin Quarter or International district features shops and cafes that specialize in foreign goods and food. The section of the city, destroyed by fire which followed the earthquake of 1906, has been replaced by huge warehouses, office buildings and the Stock Exchange.

Mission Dolores, oldest Mission in the city, was founded by the Franciscan Fathers in 1776. The original building has been restored. Of interest are the old gravestones in the cemetery which date back to the early history of the settlement.

One is surprised by the number and extent of parks in San Francisco. Largest of all, Golden Gate park, covers more than 1,000 acres. The park features grass like green velvet, with never a sign "Keep Off The Grass"; flowers that bloom the year around; botanical gardens containing specimens from all parts of the world; the Shake-

(Continued on Page 19)

spare garden containing every flower mentioned in his plays and is a typical English garden; the Fuchsia garden covers several acres, with hundreds of varieties; dahlias as large as dinner plates; the conservatories feature rare tropical plants and orchids and thousands of tuberous begonias.

The Stienhart Aquarium is a constant source of delight to old and young with its displays of fish and marine life. One building of the Natural History Museum features animal life of California, while another is devoted entirely to a large fine display of African animals arranged in natural surroundings. The De Young Museum is one of the buildings that remain from the Exposition of 1915. Completely remodeled it houses interesting permanent collections. During September the museum

was one of the 4 in the U. S. chosen to display the Vienna Art Treasures, which we had the opportunity to see. Another famous park is Lincoln Park where the Palace of the Legion of Honor features art and sculpture, treasures once owned by the Spreckles family.

The visit to the Top of the Mark for a view of the entire city, the cruise around the bay and a sea food dinner at Fisherman's Wharf are recommended. One should visit Cliff House for the view of Seal Rocks, then perhaps drive along the sea wall to the Fleishacker zoo. The zoo ranks with the largest in the country and in company of 3 small girls, we spent many hours in this interesting place.

There was an afternoon spent in the history room of the Wells Fargo Bank, located in the heart of the financial district. Wells Fargo has collected historical articles connected with Gold Rush, Pony Express and Overland Stage days. Outstanding among the exhibits is the bright red Concord stage coach. Pictures of pony express riders and stage drivers adorn the walls. No picture is seen of one driver, the toughest of the lot, who once routed a whole band of highwaymen, singlehanded. When this driver, Charlie Pankhurst died at the age of 66, it was discovered that "fearless Charlie" was in fact—a woman. One may register at the desk used by Mark Twain to write the famous frog story; see the replica of the biggest gold nugget ever found, as well as a replica of the famous "Gold Spike."

We find San Francisco is a very interesting place.

Build-a-Tool Plans

All farmers are interested in building tools for their various types of work. We now can offer an excellent booklet on the subject. Some tools explained in the booklet are tractor-mounted buzz saw, hole digger, grain blower, 2-wheeled carrier, hay loader and self-dumping scraper. Instructions on how to make with illustrations of each tool are simple and easily followed. A free copy of the booklet will be sent upon request to Farm Service Editor, Kansas Farmer, Topeka. Please ask for "Build-a-Tool" booklet.



Now That You Have Electricity

By CHARLES HOWES

ALTHO electric fans have not been too necessary this year, September brings the time when they go back into hiding for winter. Experts suggest when a fan is stored it should be covered with a paper sack or cloth bag that can be tied shut. Thus the job of cleaning and lubricating in spring is lightened.

There are uses for fans during winter. One suggestion would be to aid flow of hot air from furnace or radiator. A little trial and error might put a fan to use warming that cold corner by directing heated air where it is needed.

Autumn gets folks back into the habit of entertaining and we might point out several electric heating tables on the market. Constructed as a serving cart or coffee table, there is an electrically heated tray which keeps food hot. Casseroles and other oven dishes can be kept at oven temperatures thruout the serving period—and right beside the dining table. It also does great duty for serving in a sick-room.

There are new designs in infrared cookers coming on the market that use the red rays to get meat done clear thru. One model grills and fries in the top compartment, broils in lower compartment. The small unit will sit in most any corner of the kitchen work-space.

A Brooklyn specialties firm has a pet feeder that works on the poultry light timer principle. If you are not planning to be home at feeding time, the clockwork you set will cause a food tray to slide out where the pet can reach it.

We read an article some months ago telling of a farmer who attached a poultry timer to the pump in the barnyard. The clockwork set the pump in operation morning and night and kept stock tanks full.

A fluorescent bulb unit that screws into any light socket has been perfected and marketed. The "bulb" contains two 4-watt tubes and a reflector, something that would go well as a sewing machine light or in similar use.

Latest in electric bed warmers is a crib mattress that keeps baby comfortable. Special attention is given to

keeping the element dry, in fact the current is said to be too weak to cause shock even under direct contact, yet there is enough heat to maintain a temperature 1 or 2 degrees above normal body warmth. Furthermore, the mattress can be flopped to the non-heating side for summer use.

If you have a decoration problem and can't find the lamp to fit, a little ingenuity might create a lamp from most anything. An old brown jug serves in one home we know. An antique vase is the base for another lamp. At least one company advertises unique replicas of old apothecary jars, bottles, vases, canisters and figurines together with fittings so persons with decorating problems might create their own lamp designs.

A method of adjusting the length of a droplight cord has been devised from garden hose perhaps an inch or two long. Two slots cut on opposite sides of the same end of the piece represent the only alteration. Simply loop the drop cord, run the loop thru the hose, and fasten the cord into the slots.

You can buy a socket that will enable you to regulate the amount of light given off by a bulb. The socket has 2 pull chains which operate a rheostat, one will increase the light, the other will lower it. There is considerable utility in such a device in a hall, nursery or bathroom where it is desirable to have dim night illumination.

An outdoor floodlight mounted on a metal stake which can be driven into the ground is a new thought in the electric market. The light is attached to the stake by a swivel neck so it can be directed to many uses.

The navy is using a new portable electric steering unit which enables the helmsman to guide a ship from any widely separated strategic positions. The device is a development of General Electric, but nothing was said about adapting it to the task of running a tractor from a seat atop a combine or performing other remote-control farm steering tasks.

Somebody tipped us off that an electric soldering iron is a handy tool for removing old window putty. The heat softens the old material so it can be scraped off more easily.

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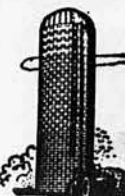
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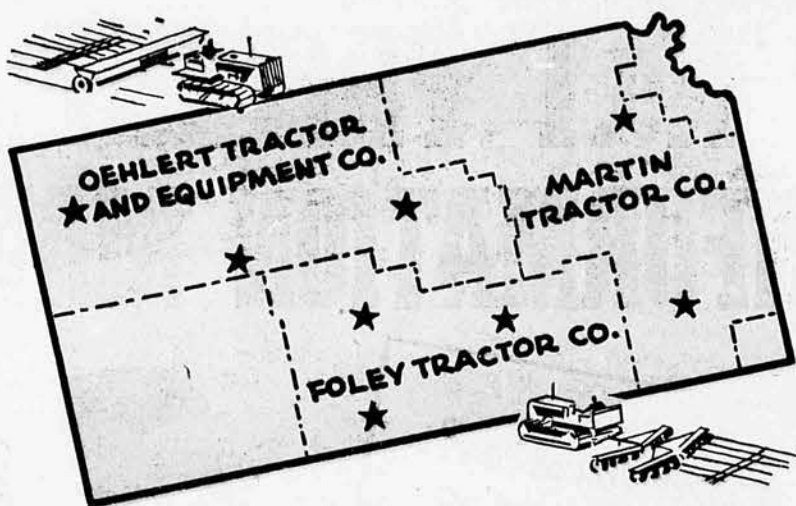
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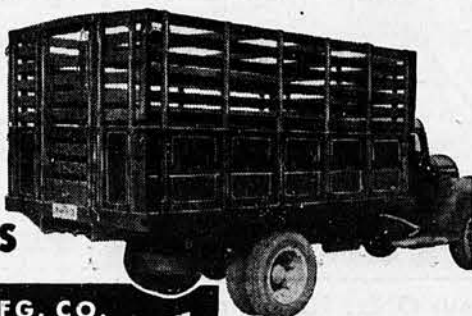
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News of Kansas 4-H Clubs

By Gordon West

SELL that old paper for money to boost the club treasury! Members of the Fairplay 4-H Club, near Lyons in Rice county, combined a paper drive and a project tour recently, writes Kenneth Buckbee, reporter. So they not only saw how members were coming along with their animals, gardens, foods and clothing but swelled the club's treasury, too!

Osage Bender is the name of the newest 4-H Club in Labette county. The club, made up of 39 members, is number 18 in the ranks of the county's clubs. The name is derived from 2 hills called Bender mounds, which have a historical background that dates back to the 1870's. Mrs. Lawrence Dodd and Jack Newland are community leaders. Dean McConnell serves as president. Other officers are Dale Newland, vice-president; Chrystal Passwater, secretary; Bobby Potts, reporter; project leaders, Mrs. J. C. Wagner, foods and Mrs. Clarence Potts, clothing.

Altho this peppy club had been organized only a few weeks before the recent Labette county 4-H Club Days, a girl's demonstration and a one-act play were presented!

Shawnee county reached a goal of an all-time high in 4-H membership this year. There are now 781 members! In 1950 there were 742, which had set an all-time high! There are 4 clubs with more than 50 members—Dover, Wanamaker, Tecumseh and Silver Lake. Completion of projects and record books in 1950 was 89 per cent—members are striving to at least reach that even mark of 90 per cent!

"Come and get it, eat all you can, it's free!" That was the recent call by the Anderson county 4-H council to business people and their families of the county to attend an ice cream social in Garnett. Jayne Rue Wyatt, council reporter, writes, "plenty of ice cream and cake were furnished by 4-H families. The council provided iced tea, water, cups, plates and spoons, and all business people were asked to bring 'big appetites'." The 4-H boys defeated the businessmen in a softball game following the social.

Later in the evening the crowd gathered around for folk games. When the floor was cleared it was announced, to the surprise of all, there would be a wedding ceremony performed! Jayne Rue says it turned out to be a "mock wedding" in honor of their home agent, "Miss Helen Ramsour, who is to be married soon." "Following this Miss Ramsour received another surprise—gift of a platform rocker for her home-to-be." The gift was from county 4-H'ers in appreciation for her work with them for several years.

Parents of members of this local 4-H Club soon are to be honored! At a recent meeting of the Busy Bee club in Washington county, plans were made for a special "Parent's Night" to be held in the near future, writes Shirley McClelland, reporter.

Norman Beat, Sumner county 4-H Club member, likes dairying. He started years ago when he borrowed \$135 to buy an Ayrshire dairy heifer. A big step for a 10-year-old, comments Raymond G. Frye, county club agent. Two years later he bought 3 more heifers. Despite calf losses in the early

part of his project, Norman's dairy program is expanding and thriving. His sister and 2 brothers are now owners with him. Recently they sold 2 of the original cows for over \$1,000. They bought 6 yearling Ayrshire heifers, 4 of which are from approved sire breeding.

As they came into production, original heifers produced sufficiently well to pay their feed bills from purchase to date and almost all of their original cost. By selling 2 of the cows and buying 6 yearling heifers of better breeding and higher quality, these progressive 4-H'ers are expanding and improving their herd.

Haddam 4-H Club members in Washington county are proud of their 4-H orchestra. This group plays at club meetings, other 4-H gatherings. Lois Lohrengel, club reporter, writes members of the orchestra are Roberta Congleton, Bessie Kennedy, Donna Line, Elmer Yoder and Raymond Zurfluh.

Music, music, music filled the air at a Shawnee county 4-H Music Festival at Highland Park high school. It was the largest event ever held, says county club agent Merle Eyestone. Nearly 125 members took part. Open to the public, the 3rd annual festival included accordion solos, vocal and instrumental ensembles, tap dances, skits and chorus and band numbers.

Welcome, Mike



Mike Burns

We are happy to announce Mike Burns has joined the editorial staff of *Kansas Farmer* as an associate editor, replacing Edward W. Rupp who has taken a position with Capper's Farmer magazine. Mike's real name is Richard, but the nickname is mighty handy, so Mike it will be!

Burns served for the last 3 years as publicity and advertising manager at the Topeka plant of John Morrell & Co., meat packers. He also was herdsman for several months at Creek Valley Farms, registered Angus and Quarterhorse breeders, in Elk county. He is a native Kansan.

Graduated in 1948 from Kansas State College, Manhattan, Mike has a bachelor of science degree in agriculture with a major in animal husbandry. While at the college, he was associate editor of the *Kansas Agricultural Student* magazine and on the editorial staff of the *Kansas 4-H Club* and *Block and Bridle* yearbooks.

He will spend considerable time in his new position visiting Kansas farms and writing about Kansas farm folks.

PURINA

CHECKERBOARD NEWS



Around the
PURINA FARM with
ELMER POWELL

DIRECTOR, RESEARCH DEPT.

A Yorkshire brood sow (No. 10) is now in the spotlight at the Farm. Last April she farrowed 17 live pigs. On June 20, she weaned all 17. These pigs were nursed all the way by No. 10. But since there were only 12 plates at the dinner table for these youngsters we had to divide the litter in two groups and nurse them in shifts. Evidently Madame Brood Sow never knew the difference, for at weaning time she was still in fine body condition. The pigs were creep-fed Pig Startena, too.

* * *

But look at this! Weaning these 17 pigs brought No. 10's total to 118 pigs weaned in 10 litters. That's a new record for our Farm. Just look at the average—nearly 12 pigs weaned per litter for a total of 10 litters.

* * *

I'm pretty enthusiastic about sow No. 10, but I shouldn't slight a little lady who made quite a showing of her own at the Calf Barn. Did I say "Little" lady? Well, Guernsey heifer No. G-134 actually weighed 308 lbs. when she was 4 months old. You know the average for the breed at 4 months is 177 lbs. At the Farm in 1950 our average was 223 lbs. So you can see this heifer has the makings of a great milker if she keeps on like she's started.

* * *

Many problems arise in caring for our pheasants as, unlike turkeys, pheasants still retain their wild instincts. Being wild, they are very nervous in confinement and use up a lot of energy pacing along the fences. However, we are having success in getting pheasant hens to lay in nest boxes. This management feature saves a lot of eggs from being broken.

* * *

Time and again we've found that early growth is the cheapest growth. Cecil Hite, who is head of our record department at the Farm, explains it this way: "In 7 weeks (49 days) we grow a 2 lb. or better broiler on 4½ lbs. of feed. In three weeks more we can add another pound and a quarter, BUT it may take 5 lbs. or more of feed to add this extra weight. It just takes more feed for heat and energy as birds get older, so we recommend feeding for fast growth."



On-the-Farm Training Paying Off for Udall Hog Man

by J. H. McAdams

WHEN the hog judges finished their work and passed out awards at the 1950 State Fair at Hutchinson they gave Billy Pittman of Udall, Kansas, a handful of ribbons. For example there was a ribbon for his Hampshire barrow showing it was Reserve Grand Champion over all breeds. Another ribbon was for the Champion Light Weight Barrow over all breeds. He had shown the Grand Champion Hampshire Boar. His young Hampshire herd had placed third, and his Get of Sire was fifth. There were numerous other prize ribbons.

All these winnings in one year at a big fair! And yet Billy Pittman regards himself as a beginner. He had raised only a few hogs before he went into service. He says: "I enrolled for G.I. On-The-Farm Training because I wanted to learn a lot more about hogs."

"I believe the care hogs get is about as important as the breeding back of them," Billy continued. "Of course, you've got to have a good foundation, but even good sows won't do any good unless they're well cared for."

"Outside temperature was six degrees below zero when my sows started farrowing last spring. But I was ready for them. The potbellied stove in my central farrowing house was mostly for my own comfort, as electric heat lamps kept

the pigs from chilling. I can handle eight sows at a time, and the first eight sows to farrow weaned 72 pigs, or an average of nine per litter. I had 14 sows to bring pigs last spring, and usually have ten fall litters.

"It's no fun sitting up all night waiting for a sow to have her pigs, but day or night, I'm right there when they come. By wiping mucus from noses and mouths of those that need it, and by giving an occasional pig a spank to start it breathing, I know I save pigs that wouldn't make it without help."

Billy's pigs are purebred, so he notches their ears immediately. At

"Breeding is important," Billy Pittman says, "but it takes good feed and care to take advantage of good breeding. My sows stay in good condition even when nursing big litters."

this time he clips the needle teeth, and trims and disinfects the navel cord.

Sows immediately after farrowing are carefully fed, but by two weeks Billy usually has them on full feed of grain and Sow and Pig Chow. At that time he also places feed in troughs and encourages the pigs to eat. If the weather is good he has the sow and litter on pasture within three weeks. Two sows and their litters have the run of about an acre. He houses them in a low-roofed, open-front 8' x 10' house.

On the average his pigs weigh 40 pounds when weaned at nine weeks, but an occasional litter runs 50 pounds. He vaccinates about a week after weaning. At twelve weeks they get Pigtab Granules as a wormer.



Pigs are weaned at nine weeks. He starts them eating dry feed at two weeks. Consequently pigs grow faster and their demands on the sow are much less.

PURINA CHECKERBOARD NEWS

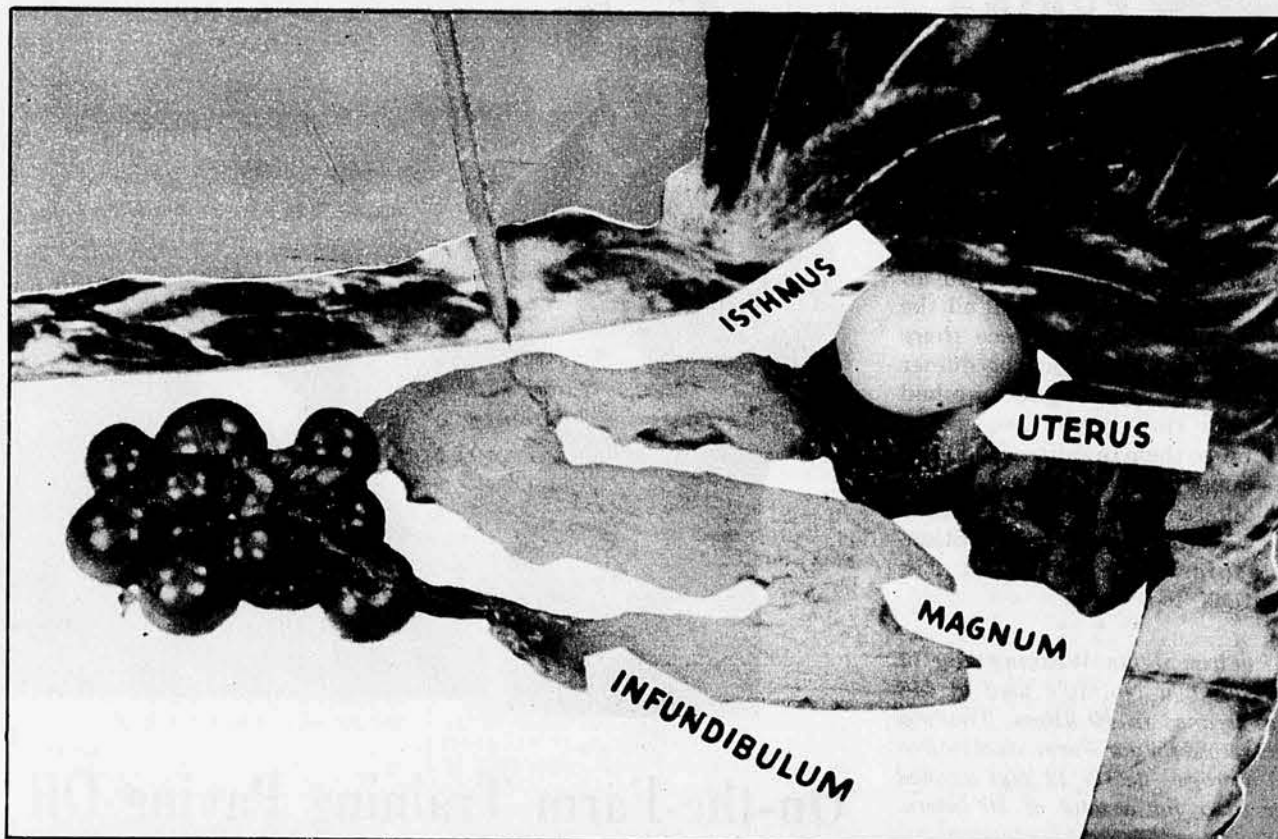
Trip through an EGG FACTORY...

Purina Research photos show how an egg is made

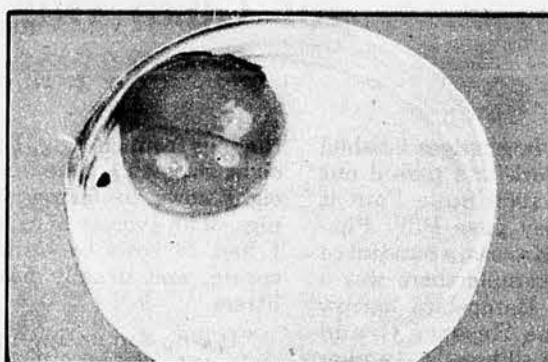
OF INTEREST to every poultry keeper is the process by which an egg is made. For the success of this wonderful 24-hour job determines the number of eggs you'll get. Purina scientists have studied this "trip through an egg factory" in their constant efforts to make better and better Chows for your hens. For these pictures they killed and cut open many hens. Thus they were able to catch an egg in each step of its trip.

The picture at right shows the egg-assembly line. Scientists call it the ovary and oviduct. These have been cut away from the rest of the hen's inside so you can see them clearly. The tube itself has been cut open and the parts labeled.

In this short tube, measuring less than two feet, an egg can be assembled every 24 hours. It's one of the most amazing and exacting jobs in all of nature's wonderful processes.



1. REPRODUCTIVE SYSTEM is shown here in its natural shape and position. The cluster of several thousand yellow yolks is contained in the ovary. Under the influence of good feed and good body condition, the yolks develop in size. When a hen is laying heavily, one of the largest yolks breaks away approximately every 24 or 25 hours.



2. YOLK BREAKS THROUGH SACK. First a small bubble appears on the sack or protective covering. Slowly the yolk breaks through. At this point it is nearly full size, having been fed in the ovary. When a chick is hatched, it has more potential yolks than it will ever use. Breeding and feeding influence the number which will develop to full size.



3. YOLK DROPS INTO FUNNEL at the end of the egg-manufacturing tube. Scientists have named it the infundibulum. How the funnel knows which yolk will break through, and why it is there to catch the yolk when it falls, are unsolved mysteries of nature. The egg-making tube has been straightened out to show its full length.



4. YOLK GOES THROUGH THE MAGNUM, where most of the white is deposited around the yolk. This takes about two hours. The materials for the white — in fact for everything added to the yolk — are carried from the stomach and intestines by the blood. The nutrients are filtered through the walls of the egg tube and deposited on the forming egg.



5. EGG ENTERS THE ISTHMUS, where it spends about two hours. More white is added, but the big job is addition of two shell membranes. In this picture, the egg tube is not cut open. You can see the bulge where the egg is located. In the preceding picture, the wall of the egg tube was cut open revealing the yolk surrounded by white.



6. SHELL IS PUT ON IN THE UTERUS. The egg remains here for 19 to 21 hours. If a hen's ration is short in necessary vitamins, minerals, or amino acids, she will supply them from her own body tissues for a while. Soon she becomes run down. Then she stops laying. It is the job of feed to supply materials needed for a whole egg every day.

PURINA CHECKERBOARD NEWS

Purina Announces the First **BODY AND EGG PLAN** Built for Today's High-Producing Hens



Ancient jungle fowl—
Bred to lay 15 eggs



1800—Bred to lay
60 eggs



1925—Bred to lay
150 eggs



1951—Bred to lay
200 or more eggs

GOOD poultry breeders and hatcheries have made great strides in improving the modern hen. It took centuries to breed hens that would lay 50 to 60 eggs yearly. As late as 1925 few hens were bred to lay more than 150 eggs a year. In those days the demands upon the body were not very great. Neither were the demands on feed. The hen had time to store up nutrients needed to lay her eggs and keep up her body, too.

Today, good birds have the breeding ability to lay 200 to 300 eggs a year—sometimes even more. The tear-down on the body is terrific—*unless feed is balanced to supply every need.* Purina Farman and Laboratory workers of late have been spending much of their time studying the problem of BODY as well as EGGS.

Through our study of body needs we have found that several vitamins

often can be used in larger amounts than formerly thought necessary. We have added these to the Purina Laying Chows.

Then we have added a revolutionary new feed—**PURINA BOOSTER CHECKERS**. These are extra high in proteins, minerals and vitamins. They may be top-fed on regular Laying Chows during times of greatest nutritional stress. These times include:

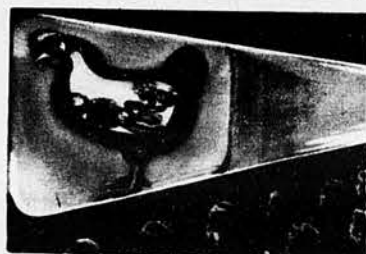
1. Pullets during the first 4 to 5 months of laying.
2. Birds out of condition.
3. Unsatisfactory production.

HOW TO FEED—Feed Purina Layena, or Lay Chow and grain. If you feed a mash, top-feed Purina Layena Checkers. If you are feeding Checker-Etts, Layena Checkers are not necessary.

During times of nutritional stress, you may eliminate Layena Checkers and top-feed new Purina Booster Checkers instead. Allow 3 lbs. a day until pullets are in 50% production—6 lbs. if higher.

RESULTS TO EXPECT

1. *Pullets during first 4 to 5 months of laying.* Aids body condition and growth. Helps maintain heavy production.
2. *Birds out of condition.* Put them immediately on Booster Checkers. Helps bring them back into condition and production.
3. *Unsatisfactory Production.* When a flock just seems to be stymied at an unsatisfactory level, the Body and Egg Plan often starts them up.

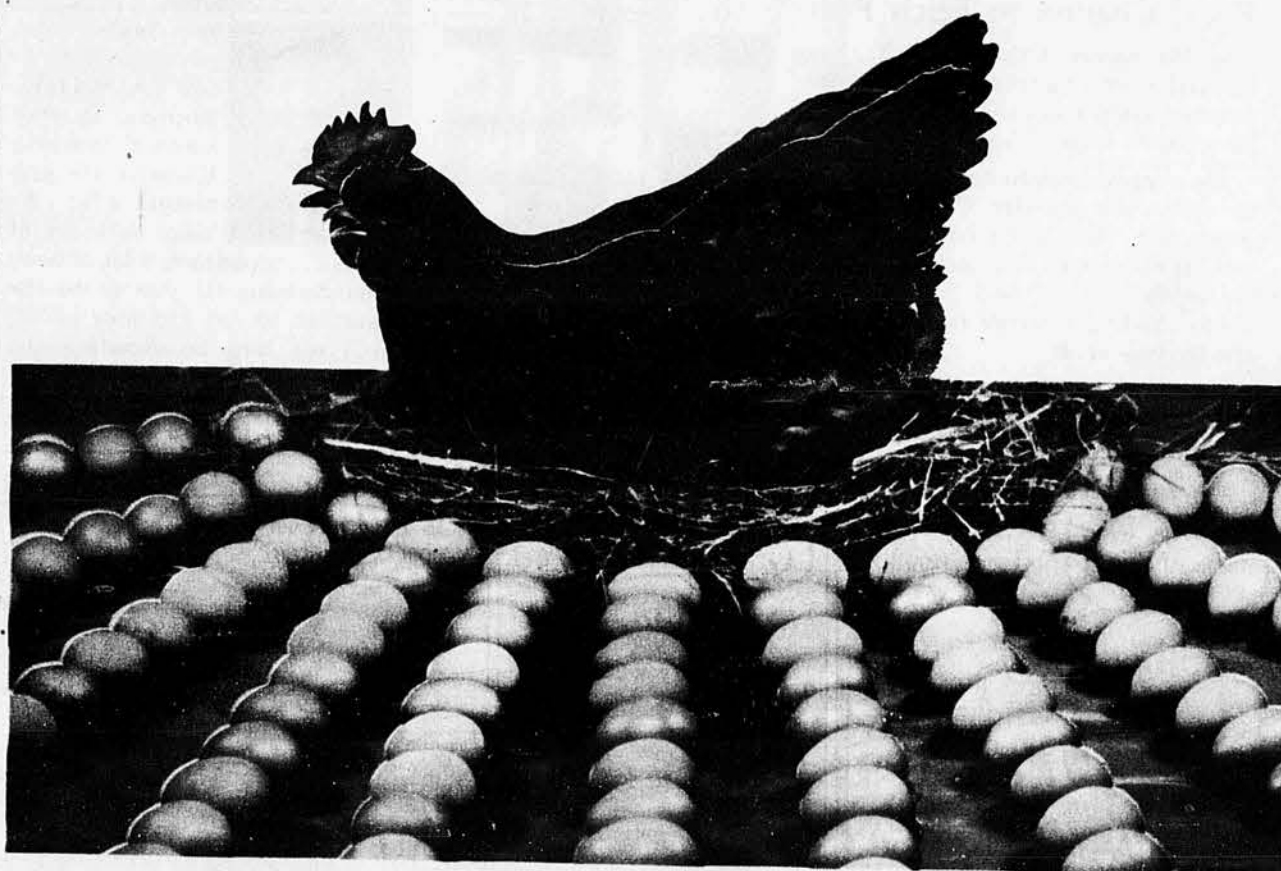


See the New Body and Egg Film

Sometime within the next few weeks your own local Purina Dealer will show the new Purina Research film "A Trip Through an Egg Factory." It shows the full egg-making process far more in detail than the pictures on the opposite page. It literally tells you how a hen makes an egg.

This same meeting also tells you about the great new Purina Body and Egg plan and how you can use it in your own flock.

Be sure to see this **FREE** educational film. Ask your Purina Dealer when it's coming. If you prefer, just mail a card to Checkerboard News, Ralston Purina Co., St. Louis 2, Mo. Tell us you want to see the film and we'll notify your dealer so he can give you his showing date.



The Pullet Is Under Greatest Nutritional Strain

She has to finish her growth—adding 1 to 2 pounds to her body by maturity at 10 months. She also is laying her heaviest—80 to 100 eggs in the 4½ to 5 months before

she completely matures. This puts a double strain on her body. The new Body and Egg Plan aids condition during this time... helps guard against egg slumps later on.



FIND YOUR PURINA DEALER LISTED HERE

Be sure to see MIKE and IKE at your Purina dealer's! Most Purina dealers have these two famed pigs in their store right now. They're fighting it out in an interesting, educational pig-growing demonstration. Mike gets Purina, but Ike gets none. See them often. As they grow you'll see for yourself the big difference Purina can make in fast gains, cost per pound of gain.

Ask for Purina Chows, Sanitation and Farm Supplies at the Store with the Checkerboard Sign

KANSAS

ABILENE, Gordon Mark Elevator Co.
ALMA, Schulte Produce
ANDALE, Andale Farmers Elevator
ANDOVER, L. S. Dack
ANTHONY, Thurman Hatchery
ARGONIA, Batkin Grain Co.
ARKANSAS CITY, Arbuckle's Hatchery & Feed Co.
ASHLAND, Wallingford Elevator
ATCHISON, Berry Bros. Hatchery
ATTICA, Imperial Flour Mills Co.
AUGUSTA, Furlong Hatchery & Feed
BALDWIN CITY, Hardy Farm Supply
BAXTER SPRINGS, Gaines Feed Store
BELLE PLAINE, Hall's Produce & Feed
BELLEVILLE, Hall Mill & Elevator
BELOIT, Jones Feed & Seed Co.
BONNER SPRINGS, Bonner Feed & Fuel Co.
BURLINGTON, Solsby's Feed & Seed Store
BURNS, Burns Feed Store
BURRTON, Hensley Oil & Feeds
CANEY, Halligan Feed & Produce
CANTON, Canton Grain Co.
CARBONDALE, Surber Grain Co.
CEDARVALE, L. C. Adam Mercantile Co.
CHANUTE, Farm Service Store
CHANUTE, Floyd R. Potter
CHENEY, Ball Produce & Hatchery
CHERRYVALE, Cherryvale Grain Co.
CHETOPE, Karns Grain Products Co.
CLAY CENTER, Gordon Mark Elevator
CLEARWATER, Hugh R. Wilk
CLYDE, Derousseau's Hatchery
COFFEYVILLE, C. C. Feeders Supply
COLUMBUS, Columbus Hatchery
COWICH, Andale Farmers Elevator
CONWAY SPRINGS, Farmers Union Coop. Assn.
COTTONWOOD FALLS, Schoap Poultry & Egg Co.
COUNCIL GROVE, Powell's Feed Store
DELEVAN, Farmers Grain & Supply Co.
DENISON, Farmers Elevator
DASOTO, Goodrum Grain Co.
DODGE CITY, Casterline Grain & Seed, Inc.
DWIGHT, Dwight Feed Co.
EDGERTON, Edgerton Grain Co.
EDNA, Edna Produce
EL DORADO, The Home Grain Co., Inc.
ELK FALLS, O & B Oil Co.
ELKHART, Elkhart Coop. Equity Exchange
ELLIS, The Wheatland Elevator
EMPORIA, The Kansas Soya Products Co., Inc.
ESBON, Esbon Feed & Seed Co.
ESKRIDGE, Converse Farm Service Co.
EUREKA, C. T. Agrelius Feed Co.
FONTANA, Barnes Feed & Seed Store

FORD, Security Elevator Co.
FT. SCOTT, Chas. Leist Feed & Seed Co.
FT. SCOTT, National Coal, Ice & Fuel Co.
FRANKFORT, Kenro Hatchery
FREDONIA, Cox Produce & Grain Co.
GARDEN CITY, Western Terminal
GARDNER, Gardner Grain Co.
GARLAND, Pfeiffer Produce
GARNETT, A. H. Fawkes & Sons
GAS CITY, Goodsell Hatchery
GIRARD, Potter's Hatchery
GOODLAND, Terminal Grain Co.
GREAT BEND, Barton County Hatchery
GREELEY, Rommelfanger Produce
GREENSBURG, Security Elevator Co.
HAMMOND, Bruce General Mdse.
HARDTNER, Kansas Milling Co.
HARTFORD, The Kansas Soya Products Co., Inc.
HARPER, The Imperial Flour Mills Co.
HARVEYVILLE, Harveyville Grange Coop. Bus. Assn.
HAYS, Engel Hatchery
HERINGTON, Wilkerson Grain Co.
HIAWATHA, Wolf Feed & Grain Co.
HIGHLAND, Moore Farm Supply
HILLSDALE, Fessenden Grain Co.
HOLTON, Farmers Union Coop. Assn.
HOPE, The Farmers Coop. Elev. & Sup. Co.
HORTON, Preiba & Sons, Inc.
HUGOTON, Security Elevator Co.
HUMBOLDT, Dale's Feed Store
HUTCHINSON, Berry's Hatchery & Feed
HUTCHINSON, Orth's Feed & Seed Co.
HUTCHINSON, Salt City Hatchery
HUTCHINSON, Security Elevator Co. B.
INDEPENDENCE, Star Mill Co., Inc.
IOLA, Allen County Feed & Prod.
IONIA, Ionia Produce
JUNCTION CITY, Hart Bartlett Sturtevant Grain Co.
KANSAS CITY, Crawford Hatcheries
KANSAS CITY, Dyer & Co.
KANSAS CITY, Kansas Avenue Merc. Co.
KANSAS CITY, Kelley Feed Store
KANSAS CITY, Midwest Hatchery
KANSAS CITY, State Ave. Merc. Farm Store
KANSAS CITY, Frank Wells Feed Store
KANSAS CITY, Kans., Precht's Feed & Seed
740 Kansas Ave.
KANSAS CITY, KANS., Park Junction Feed Store,
1905 N. 5th St.
KENSINGTON, Levin Bros.
KINGMAN, Goenner Hatchery
KIOWA, Curran Hatchery
LA CYGNE, Farmers Produce
LANE, Gerth's Breeder Hatchery
LATHAM, Morgan's Produce
LAWRENCE, Cadwell Hatchery

LAWRENCE, Douglas County Hatchery
LEAVENWORTH, Hibbs Farm Service
LEBO, Lebo Grain Co., Inc.
LENEXA, Jennings Feed & Coal Co.
LEOTI, Herb J. Barr & Sons Grain & Supply Co.
LIBERAL, Security Elevator Co.
LOGAN, The Logan Grain Co.
LOUISBURG, Owens Feed & Produce
LYONS, W. S. Dayton Hatchery
MACKSVILLE, Kansas Milling Co.
MAIZE, Maize Mills, Inc.
MANHATTAN, Johnsmeyer Feed & Seed
MANKATO, Levin Bros.
MARION, Seymour Packing Co.
MARQUETTE, Rodney Milling Co.
MAYETTA, Farmers Union Coop. Assn.
MCLOUTH, McLouth Grain Co.
MCIPHERSON, Community Feed & Seed
MCIPHERSON, Hilltop Turkey Farm & Hatchery
MEDICINE LODGE, Kansas Milling Co.
MERRIAM, Leland Wilson Hatchery
MICHIGAN VALLEY, Bulmer Grain Co.
MINNEAPOLIS, Golden Rule Hatchery
MONTEZUMA, Security Elevator Co.
MONUMENT, Wheatland Elevator
MORAN, Louie Benbrook Produce
MORSE, Morse Grain Co.
MOUND CITY, Ward Produce
MOUNDRIE, Moundridge Coop. Elev. Assn.
MT. HOPE, Independent Produce
MULVANE, Moore Grain Co.
MUNCIE, J. E. Puett
NEODESHA, Shacklett Hatchery & Feed
NEWTON, Berry's Feed & Supply Store
NICKERSON, Farmers Coop. Elevator Co.
NORTON, N. L. Johnson Grain Co.
NORWICK, Goenner Hatchery
OAKLEY, Wheatland Elevator
OBERLIN, Earl C. Wilson & Sons
OLATHE, Farmers Coop. Union
OSAGE CITY, Lafferty Grain & Produce Co.
OSAGE CITY, Steinhoff & Son
OSAWATOMIE, Osawatomie Feed & Produce Co.
OSBORNE, L. M. Newman
OSKALOOSA, Oskaloosa Feed Store
OSWEGO, Karns Grain Products Co.
OTTAWA, Ottawa Produce Co.
OVERLAND PARK, Jennings Feed & Coal
PAOLA, Washburn Hatchery
PARKER, Lockhart Station
PEABODY, Peabody Coop. Equity Exchange
PECK, Moore Grain, Inc.
PENALOSA, Kansas Milling Co.
PERRY, Heck & Seyler
PIQUA, Niemann's Store
PITTSBURG, The Potter Hatcheries
PLEASANTON, Pleasanton Mill & Elevator Co.

POMONA, Pomona Feed Store
PORTIS, Walter's Lumber Co.
PRAIRIE, Pratt Equity Exchange
PRETTY PRAIRIE, Security Elev. Co.
PROTECTION, Park Hatchery
RICHMOND, Farmers Home Coop. Merc. Society
SABETHA, Sabetha Coop. Produce Co.
SAFFORDVILLE, North Grain Co.
ST. FRANCIS, Royston & Son
ST. MARYS, Farmers Union Coop. Assn.
SALINA, McMinn & Tanner Feed & Produce
SCOTT CITY, Durrant Seed & Supply
SEDAN, Sedan Seed House
SEDFWICK, Behymers-Sedgwick Hatchery
SEDFWICK, J. O. Coombs & Son
SEDFWICK, Sedgwick Alfalfa Mills
SHAWNEE, Shawnee Hatchery
SPRING HILL, Zweimiller Feed & Produce
STAFFORD, Stafford Hatchery
STANLEY, Boyd & Maelzer
STERLING, Farmers Coop. Union
STILWELL, Stilwell Feed & Coal
STOCKTON, Bouchey Grain Co.
SUMMERFIELD, State Line Pig Factory
THAYER, Potter's
TONGANOXIE, Trasper's Feed Store
TOPEKA, Emery T. Shimer Feeds & Seeds
TOPEKA, J. R. Shimer
TRIBUNE, Tribune Grain Co.
TROY, Winzer Hdwe.
TUDON, Tudon Hatchery
VALLEY CENTER, Valley Center Farmers Elevator Co.
VALLEY FALLS, Reichart Elevator
VIRGIL, Virgil Feed & Coal
WAKEENEY, The Wheatland Elevator
WATERVILLE, Wagor Produce
WATHENA, Wathena Hatchery
WAVERLY, J. R. Baxter Produce
WELLINGTON, Newell's Feed Store
WELLSVILLE, Averill Produce
WHITE CITY, White City Grain Co.
WHITEWATER, Whitewater Hatchery
WICHITA, C. Ball Feed Co.
WICHITA, Berry's Hatchery & Feed Store
WICHITA, Kellogg Brothers Feed & Seed
WICHITA, Maxwell Feed & Hatchery
WILLIAMSBURG, Williamsburg Produce
WILSEY, F. S. Riegel
WINFIELD, Wallace Feed Store
WINONA, Wheatland Elevator
WOODBINE, Reed's Store
YATES CENTER, Yates Center Elevator Co.
ZARAH, Zarah Grain & Elev.
ZENDA, The Goenner Hatchery
ZENITH, The Zenith Cooperative Grain Co.

FARM HANDIES

Feed Chutes to Each Pen

Glen Shelhamer, Fairport, N. Y., has devised a way to move feed from an upstairs grain room to each pen in his 25 x 100 ft. breeder house.

He simply constructed feed chutes to carry the Breeder Checkers into every pen. Then all he has to do is to pull a slide near the outlet of each chute and fill his feed bucket. This saves building a carrier or bringing in the feed by hand.

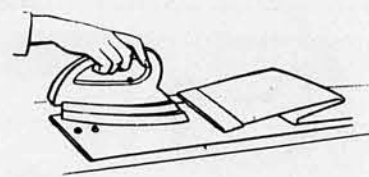


AROUND THE CHECKERBOARD DIAL



Wes Seyler, farm servicedirector of WIBW, Topeka, is well known among Kansans. He gets around a lot . . . talks to a lot of people . . . broadcasts a lot of news about farming. If you go to the American Royal, October 14-20, you'll see him broadcasting the Purina "Noon Markets" from the WIBW booth at ringside.

HOME HANDIES



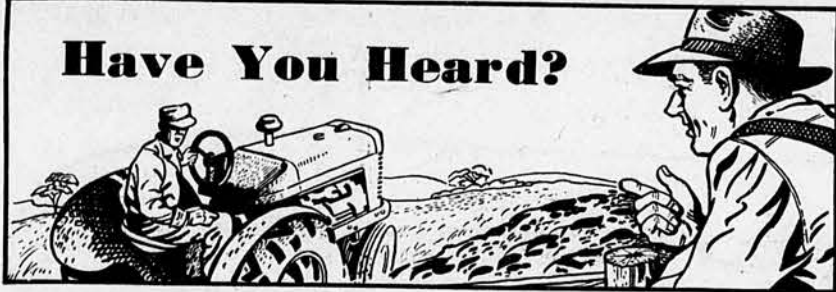
If you press your husband's trousers at home, then this idea from Mrs. Anna Young, St. Louis, Mo., will be helpful. Add snap fasteners in place of side stitches on trouser cuffs. Cuffs can be easily brushed out, and pressing is easier as the snaps automatically mark the cuff width.

CALAMITY CAL...



by ed smyth & bill sims...

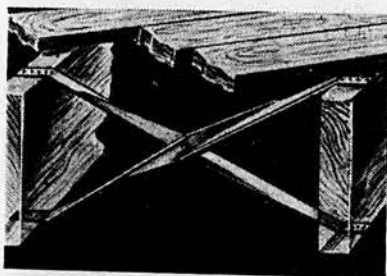
Have You Heard?



Notes on New Products and Folks Who Make Them

THE body of a dairy calf is from 4 to 5 per cent minerals, says the Moorman Mfg. Co., Quincy, Ill. "And the usual rations fail to supply all the necessary minerals, in the right proportions, for best growth and development." The company says their Top-Kream Minerals, MoorMan's Gro-Fast Minerals, or MoorMan's Cow Mintrate, fed regularly, will eliminate any chance of mineral shortage. If calves are receiving a calf meal made with Cow Mintrate or MoorMan's Top-Kream Minerals, extra minerals aren't needed. But extra salt should be fed.

There's a new method of bridging wood joists that provides greater floor strength and cuts building costs. Chan-L-Cros Metal Cross Bridging is made and sold by Junior-Pro Products Co., 3206 Morganford Rd., St. Louis 16, Mo. The product is made of 3/4" by 16-gauge strip steel. Its patented flanged braces



make it extra rigid, extra strong for superior load carrying and durability. Chan-L-Cros speeds construction and reduces labor costs because it eliminates sawing and fitting wood. It provides more space in the triangular areas between center rivet and joists for installation of electrical conduits and plumbing pipes. Steel braces are nailed to top and bottom edges of beams.

The first motor-in-hand animal clipper introduced by the Andis Clipper Co., Racine, Wis., was in 1928. Today they're announcing the return of the Andis heavy-duty electric animal clipper. It is designed primarily for use on cattle, horses and mules. Most of the weight rests on the animal so it is easy to operate. It has a fan-cooled, 110-volt AC-DC, greaseproof motor. It sells thru saddlery, hardware and implement dealers. There is also an Andis Ear Clipper for light clipping about the head and ears.

Recent improvement in the Easy-Roll Wire Winder is a new double drive which enables the tractor operator to roll or unroll wire smoothly, continuously, regardless of ground conditions, rough or smooth simply by driving the tractor forward. Manufacturer is Wire Winder Mfg. Co., Mendota, Ill. They say only one reel is required, mounted on either side of the tractor.

Elek-trik seal is a new, effective automotive sealing substance. It is put up in an inexpensive, handy package kit which enables you to protect the ignition system of any internal-combustion engine against corrosion, oxidation and moisture. Takes only a few minutes to apply it. And it's guaranteed by the manufacturer to prevent motor down-outs and to provide the mentioned protection for one full year. Elek-trik is nonflammable, is not affected by heat. The seal may be applied to the ignition system of any tractor, auto or truck, rendering them impervious to moisture and protecting them against destructive corrosion. Manufacturer is Elek-trik Seal Laboratories, Chicago.

Phillips Chemical Company will soon start construction of a large sulfur extraction plant in West Texas, states K. S. Adams, chairman, and Paul Endacott, president, Phillips Petroleum Company. It is designed to extract from natural gas nearly a quarter million pounds of elemental sulfur per day and will be located in the Permian

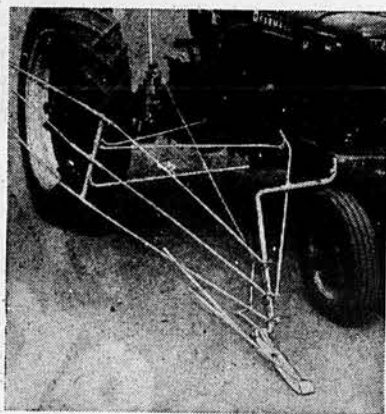
Basin oil fields near Goldsmith. The output will be used by the company in connection with its ammonium fertilizer plant at Adams Terminal near Houston.

Sulfur is essential for vulcanization of rubber, for insecticides, for drugs, and for other important chemicals, as well as for the production of sulfuric acid used in commercial fertilizers, steel production, paper and newsprint, oil refining, and in practically all chemical manufacture. Limited reserves of elemental sulfur make it necessary that other sources be found.

SprayPAK is a brand-new deal in paints and painting, says its manufacturer, Chase Products Co., Maywood, Ill. Tractor and Implement enamels are packaged in the well-known and widely used self-spraying cans.

Farmers on the west coast are buying and using small crawler-type tractors for fruit tracts and other uses, and at least one manufacturer is ready to move into this area before long. Win-dolph Brothers, of Portland, Ore., has produced a Terra-Trac-Tor in 2 models, 9 or 13 horsepower, with total height of the machine just 36 inches; width, 38 inches. Attachments include a rotary tiller, an angle dozer blade, disk, harrow and 12- and 14-inch plows. It is equipped with hydraulic control.

The Jayhawk Corn Stalk Lifter is being marketed this fall by the Wyatt Mfg. Company, Inc., Salina. This new device lifts up storm-damaged corn ahead of the tractor drive wheel and guides it into the picker, making it possible to save a great deal of valuable corn that otherwise would have to



be hand picked or hogged down. The Lifter works with any pull-type picker and can be attached to either row crop or wide-tread tractors. In operation, a floating shoe picks up the stalks from the ground and side rods guide them past the drive wheel into the picker.

A new "on the farm" disc sharpener has been introduced by Vulcan Manufacturing Co., Winona, Minn. Vulcan Friction Disc Sharpener is inexpensive, a portable sharpener, and is quality-built. Takes less than 5 minutes a blade for sharpening. The Vulcan Grinding Wheel assembly has the finest bearing and grinding wheel obtainable, says its manufacturer, and will last a lifetime.

New Free Booklets

"Electrical Farm Equipment You Can Build" is a new free booklet telling how to build 2 dozen pieces of inexpensive electrical farm equipment. For a copy, write to Westinghouse Electric Corp., School Service Dept., P. O. Box 1017, 306 Fourth Ave., Pittsburgh 30, Pa. Say you saw the notice in *Kansas Farmer*, please.

A new booklet on milking parlors is now published and available upon request. It's entitled "Modern Plans and Equipment for Parlor Milking Systems." Publisher is Starline, Inc., Harvard, Ill. For a free copy, write to them, and say you saw the item here.



EXTRA PROTECTION

You get it
with Champlin
HI-V-I MOTOR OIL!



HI-V-I motor oil affords the best possible lubrication for internal combustion engines. Solvent refined HI-V-I is fortified with scientifically compounded additives to insure extra protection. For dependable lubrication at all speeds and temperatures...insist on Champlin HI-V-I, today's best lubrication buy!

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CHAMPLIN REFINING COMPANY
ENID, OKLAHOMA



175 years ago, Freedom was born! Today it is threatened. Let's Work, Save, Vote and Pray, to keep that Freedom alive!



FREEDOM NEEDS YOU!

Corn Picker Blower with amazing triple Jet Cleaning



Flash-O-Corn Picker Blower

Top Cleaning Power. Not just one... not just two... but THREE air jets blast away the husks, silks, trash. Permits greater shelled corn yields, easier drying. Easily installed; no holes to drill. For Wood Bros., Massey-Harris, Belle City, International, John Deere pickers and other popular makes. Also available for corn snappers. Write for full particulars, dealer's name, etc.,

Fleischer-Schmid Corp., Dept. 155, Columbus, Nebr.

Symbol of Quality

Diamond Top

Tongue-Lock CONCRETE STAVE

SILOS

QUALITY

... in production
... in erection

An Early Order will Assure you of a Silo.

McPHERSON
CONCRETE PRODUCTS CO.
McPherson, Kansas

904 W. Euclid St.

How did I ever do without it!

Procter & Gamble's Exciting, New

CHEER

Specially made for
"Tough-Job"

Washing



There's never been anything like it!

Procter & Gamble's most exciting washday discovery in more than 100 years of soap making. New CHEER is specially made to do "tough-job" washing better than any kind of soap!

Try it on your dirtiest clothes!

See how toughest washing jobs come cleaner in hardest water! When you see how CHEER suds out even greasiest, ground-in dirt, you'll see why new CHEER gets all your wash so beautifully clean!

Here's the secret!

New patented formula makes CHEER different! CHEER is specially made with the extra power you need for your extra-tough washing jobs!

Safe for colors, too!

With all its "tough-job" washing power, new CHEER is safe for colored washables, kind to hands!

Prove it next washday

New CHEER does tough washing jobs better—gets clothes cleaner, whiter in hardest water—than any kind of soap you've ever used! TRY IT!

Keep Cheer on hand! Get the Giant Economy Size package.

Wonderful for
No-Rinse
washing, too!



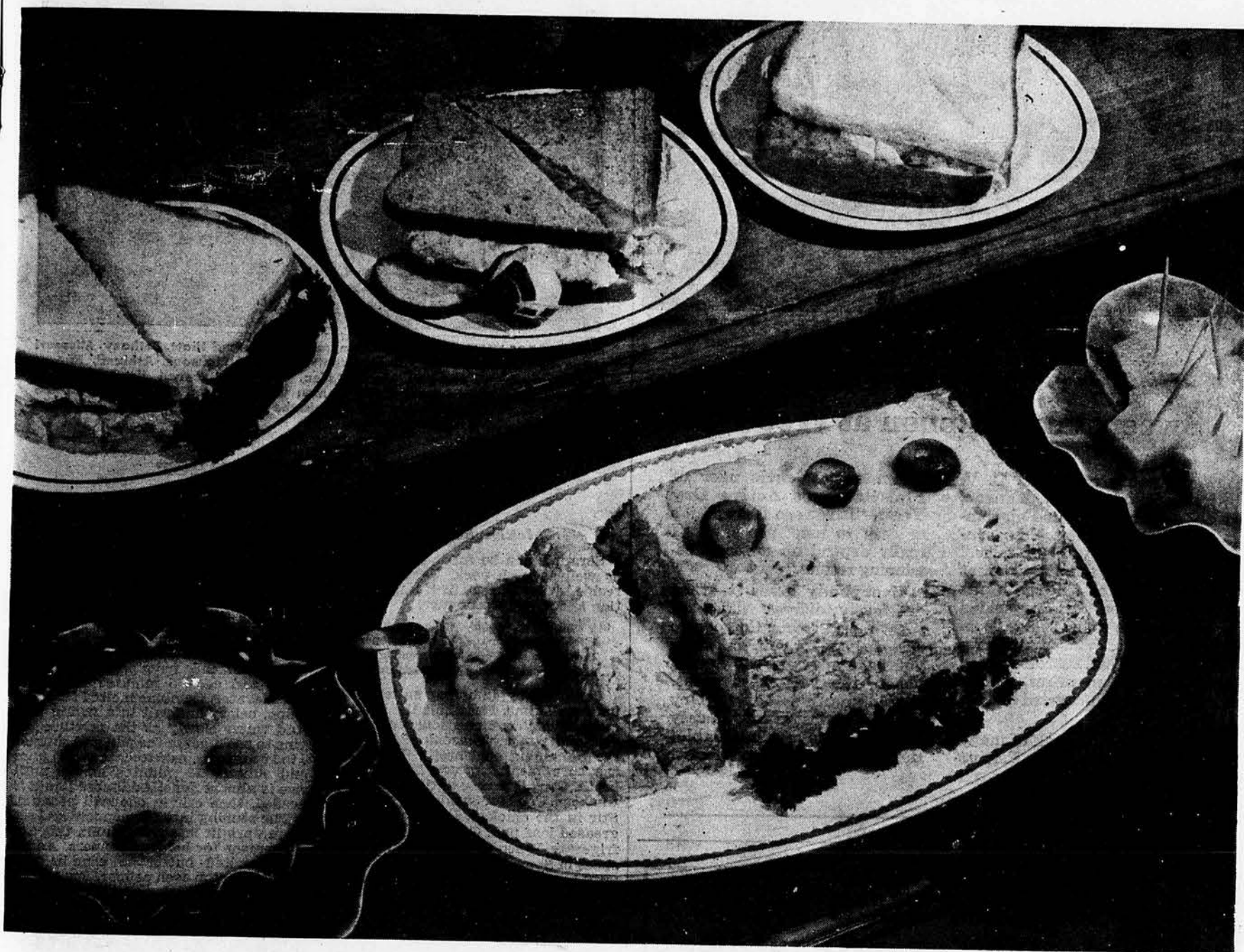
Try CHEER'S New Patented 'Suds' for "Tough-Job" Washing!

CHEER IS THE TRADE-MARK OF A SPECIAL ALL-PURPOSE DETERGENT MADE BY PROCTER & GAMBLE

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Kansas Farm Home and Family

FLORENCE MCKINNEY, Editor



Just Right for September

WHEN chickens need culling make good use of the culls. And one right use is chicken custard loaf. And when the eating is finished, if there's a wedge left over, simply slice it cold. It makes wonderful sandwiches. It's fine, too, to use up bits and trimmings of chicken. To perk up the flavor of chicken a bit, use a little Accent (pure monosodium glutamate) in cooking the bird. You'll find it on many a grocer's shelf these days.

Chicken Custard Loaf

- | | |
|---|-------------------------|
| 2½ cups cooked chicken, coarsely ground | 1 teaspoon grated onion |
| 1½ cups soft bread crumbs | 2 eggs, beaten |
| ¾ cup chicken broth | 1 teaspoon salt |
| ½ cup minced celery | ½ teaspoon pepper |
| 1 tablespoon minced parsley | ¾ teaspoon Accent |
| | 2 teaspoons lemon juice |
| | ½ cup light cream |

Combine ingredients in order given, mixing lightly. Fill greased loaf pan and place in a pan of hot water. Bake in moderate oven (350°) about 1 hour, or until the loaf is firm and the

top delicately browned. Remove from hot water and let stand 5 to 10 minutes, before unmolding. Slice and serve with thin mushroom gravy if desired. Makes about 6 servings.

Molded Pressed Chicken

- | | |
|-------------------------|--|
| 4-pound stewing chicken | 1 packet plain gelatin |
| 1½ teaspoons salt | 4 hard-cooked eggs |
| 1 stalk celery | 1 cup finely-cut celery |
| 1 carrot | ¼ cup finely chopped green pepper or parsley |
| 1 onion | |
| pepper to taste | |

Add hot water to ⅔ the depth of the cut-up chicken in a kettle, then add salt, celery, carrot, onion and pepper. Cover and simmer until tender, about 3 hours. Remove chicken and cool. Skim off fat and strain the broth. Soften gelatin in ¼ cup of cool broth. Continue cooking remainder of broth and reduce to 2 cups. Add softened gelatin to hot broth and stir to dissolve. Season well. Dice chicken meat and chop egg whites and yolks separately.

In a greased loaf pan arrange half the chicken, then egg whites, celery and green pep-

per mixed together. Top this layer with egg yolks and remaining chicken. Season egg and celery layers with salt and pepper. Carefully pour in the broth-gelatin mixture. Cover and chill thoroughly. Slice for cold meat, or serve as a salad with dressing. Excellent for the community supper.

Cottage Cheese Salad

- | | | |
|-----------------------------|----------------------------------|------------------------------|
| ½ envelope gelatin | 2 tablespoons cold water | 2 tablespoons chopped olives |
| 2 tablespoons boiling water | 1 cup cottage cheese | ¼ cup chopped nuts |
| ¼ cup mayonnaise | 2 hard-cooked eggs, chopped fine | ½ teaspoon prepared mustard |
| | | ½ teaspoon salt |
| | | ¼ teaspoon grated onion |

Soak gelatin in cold water for 5 minutes. Add boiling water and stir until dissolved. Beat cottage cheese and mayonnaise together. Add remaining ingredients, blending lightly. Add dissolved gelatin. Pour into pan or small molds and chill until firm. Serve on lettuce with salad dressing.

[Continued on Page 28]



Enthusiastic user of Dry Yeast shows prize ribbons to her husband.

72-Year-Old Colby Cook Wins Sweepstakes Ribbon at Free Fair

Some years ago, Mrs. C. V. Parrott of Colby, Kansas, decided to retire from Fair competition and leave cooking contests "to the younger folks." But in 1950 the Department Chairman of the Thomas County Free Fair persuaded her to place a few of her "special" entries. What was the result? Well, Mrs. Parrott walked off with eleven prizes, among them the much-coveted Sweepstakes ribbon.

A top-ranking cook of many years' standing, Mrs. Parrott

is an enthusiastic user of Fleischmann's Active Dry Yeast. "It rises so fast and it's so easy to use," she says. "I really depend on it for prize-winning results."

Everybody loves it—that deliciously different flavor of yeast-raised treats. So good to eat—so good for you, too. When you bake at home—do it with yeast—the very best yeast. Fleischmann's Active Dry Yeast is so fast rising, so easy to use—always dependable! Buy a supply soon. You'll like it!

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**BUY QUALITY—SAVE MONEY
SEE YOUR HARDWARE DEALER**

Michigan Greet Missouri and Kansas



MRS. GEORGE LILLY, left, of Michigan, greets Mrs. Paul Hiatt, Bethany, Missouri Home Demonstration Council president; Mrs. Earl Simmons, Ashland, Kansas Council president, and Mrs. Verne Alden, Wellsville, central district national director. They were among 1,500 women who attended the meeting of the National Home Demonstration Council held the middle of August at East Lansing, the home of Michigan State College.

Right for September

(Continued from Page 27)

Chicken Scrapple

Scrapple can be made with chicken as well as with pork. Here is a new recipe by the Bureau of Human Nutrition and Home Economics.

3½ cups chicken broth ½ teaspoon salt
1 tablespoon flour ¼ teaspoon poultry seasoning
1 cup corn meal
2 cups ground or chopped cooked chicken

Cook chicken in boiling salted water until well done. Heat half the broth in a double boiler. Blend flour, corn meal, salt and poultry seasoning. Mix with the remaining cold broth. Slowly stir the corn meal mixture into the hot broth. Cook, stirring until the mixture thickens. Cook for 30 minutes or longer. Stir in the chicken. Pour into a well-greased loaf pan. Cool quickly and refrigerate. When firm, cut in slices. Roll slices in flour and fry in a little hot fat until brown. Serve with chicken gravy. Makes about 8 servings.

Chicken scrapple is new, different and an unusual treat for the family.

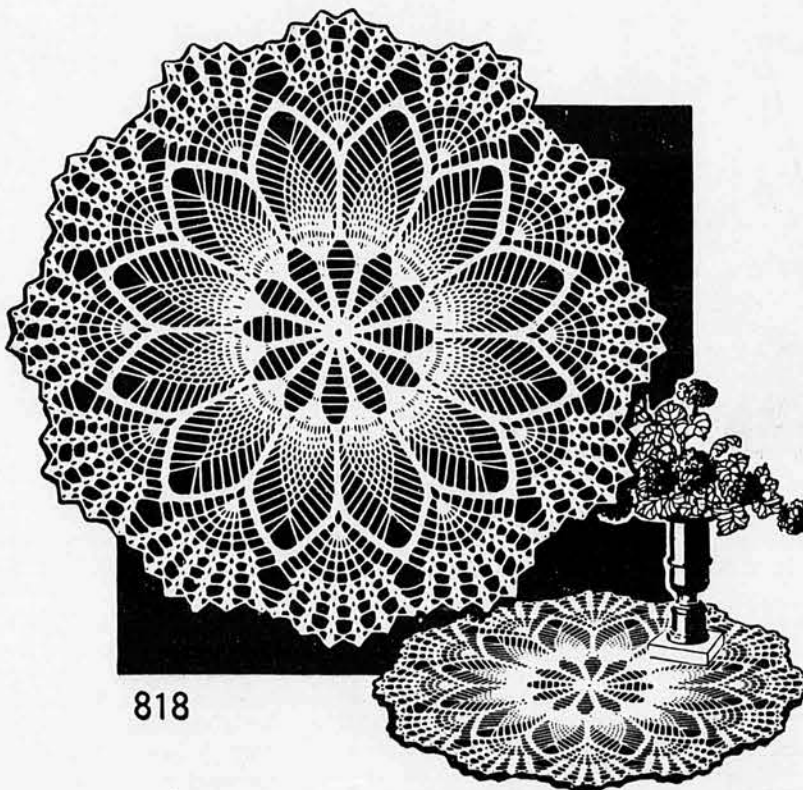
Stuffed Peppers

6 green peppers ½ cup chopped celery
1 tablespoon melted fat 1½ teaspoons salt
1 cup uncooked rice 1 cup water
½ cup minced onion 2 cups cooked tomatoes
1 cup chopped salted peanuts crumbs and butter

Cut stem ends from peppers, remove seeds and cook 5 minutes in boiling salted water. Combine melted fat, rice, onion, celery and salt in a frying pan. Add water slowly as the mixture begins to cook, cover the pan and simmer 5 to 10 minutes. Add tomatoes and juice and simmer 10 minutes longer until rice is almost done. Add more liquid if needed, then stir in chopped peanuts.

Pile stuffing into the peppers and set them upright in a pan. Muffin tins are convenient for holding peppers. Add a little melted butter to crumbs and sprinkle on top each pepper. Put a little hot water in the tin with each pepper. Bake in moderate oven (350°) for 30 to 40 minutes.

Company Best



818

Dress up the house with these doilies to show off all your vases. Combination of pineapple design and shell stitch. It's quick easy crochet. Large doily is 19 inches in No. 30 cotton; small doily 13 inches.

Send 20 cents for pattern to Needlework Editor, Kansas Farmer, Topeka.

Fall Into Winter



9330
SIZES
2-10

9330—Pert frock for toddlers with buttons from collar to hem. Sizes 2 to 10. Size 6 takes 2 yards 35-inch material; $\frac{3}{8}$ yard contrast.

4511—Dress in 2 versions. Sizes small (10-12), medium (14-16), large (18-20). Tailored weskit, medium, 1 yard 54-inch nap; other, $1\frac{1}{4}$ yards 35-inch nap.

4728—Smooth-fitting casual with choice of 2 skirts. Sizes 12 to 20. Size 16 takes $3\frac{3}{8}$ yards 39-inch material.

9447—Designed for mature figure. Sizes 34 to 48. Size 36 takes $3\frac{3}{4}$ yards 39-inch material.



4511
SIZES
S-10-12
M-14-16
L-18-20



4728
SIZES
12-20
CHOICE
OF
TWO
SKIRTS

4609—A good skirt is basis for separates wardrobe. Waist sizes 24 to 28 inches. Takes 1 yard 54-inch material in any size.

4627—Jumper and blouse for school. Junior-Miss sizes 11 to 17. Size 13 jumper takes 2 yards 54-inch; blouse, $2\frac{1}{4}$ yards 35-inch material.



4627
SIZES
11-17



4609
WAIST
24"-28"



9447
SIZES
34-48

Pattern Numbers	Size	Name
		Route
		Town
		State

Send 30 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka. Use coupon above.

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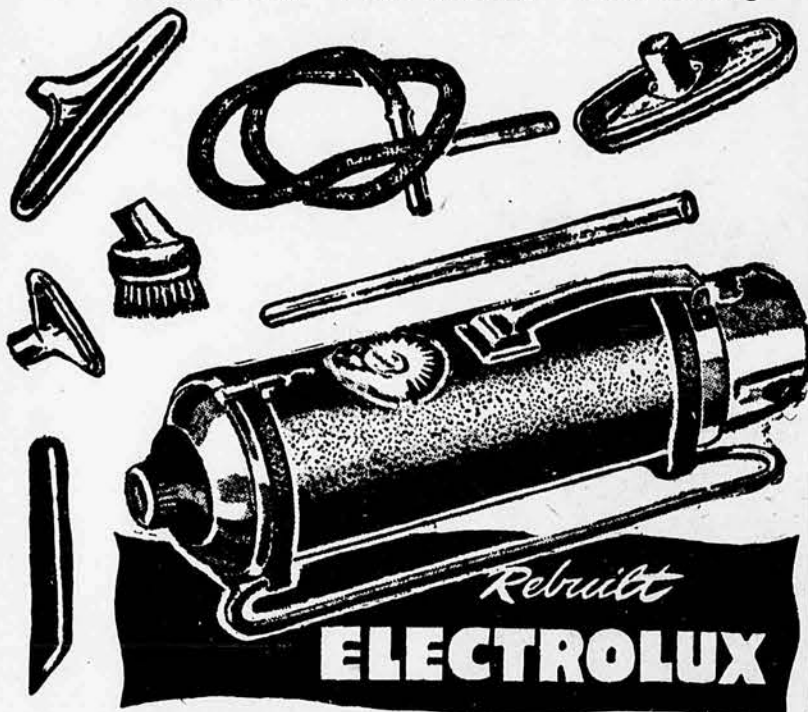


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State.....

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KF 9-15

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Use HESSE HAY AND GRAIN DRYER
Harvest your crop without danger of moisture spoilage or heat.
See your nearest Hesse dealer or write the
HESSE COMPANY
1213 Dace Street, Sioux City, Iowa

Kidney Slow-Down May Bring Restless Nights

When kidney function slows down, many folks complain of nagging backache, headaches, dizziness and loss of pep and energy. Don't suffer restless nights with these discomforts if reduced kidney function is getting you down—due to such common causes as stress and strain, over-exertion or exposure to cold. Minor bladder irritations due to cold or wrong diet may cause getting up nights or frequent passages.

Don't neglect your kidneys if these conditions bother you. Try Doan's Pills—a mild diuretic. Used successfully by millions for over 50 years. It's amazing how many times Doan's give happy relief from these discomforts—help the 15 miles of kidney tubes and filters flush out waste. Get Doan's Pills today!



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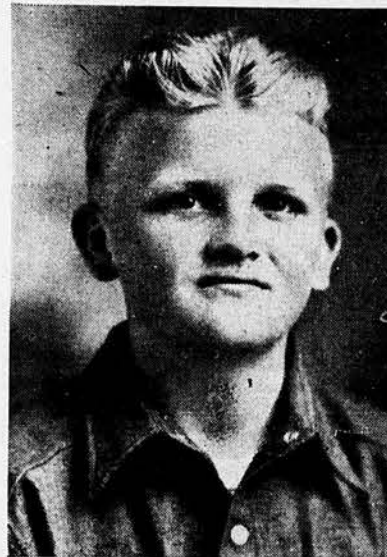
We Announce . . .

The Last Library Award

By FLORENCE McKINNEY

NOW WE close the story-writing library-book contest which began last winter. We received more than 300 entries representing several thousand students and we have presented 7 awards, beginning with first prize of \$100 in books and \$25 in cash, and ending with 4 honorable mention awards of \$25 in books and \$5 cash for the winners.

Co-operation of all concerned was so pleasing and inspiring we are having



EVAN JOHNSON, of Inman, winner of one of the honorable mention awards, won cash for himself and \$25 in books for his school library.

another contest, prizes to be library books and cash, much the same as the last one. You will find the first announcement in this issue of *Kansas Farmer*.

Evan Johnson, of Inman in McPherson county, is one of the 4 honorable mention award winners. Evan is the son of Mr. and Mrs. Rudolph Johnson and has an older brother and 2 younger sisters. They live on a 160-acre farm within one-quarter mile of Alpha grade school which he attends.

He graduated from eighth grade last spring and will attend Inman high school this fall. He writes, "I used the cash award for my coin collection."

Evan's story follows:

Why I Like To Live On a Farm

I was born on a farm and I hope I can always live on a farm.

There are 4 of us children and I don't believe there can be a happier place for children to grow up. A little creek

runs thru our farm and we enjoy going down there to fish, to hunt, to set traps and just to pass the time away. One day last fall the school children and teachers all took a hike along our creek. We were studying beavers in science. The beavers had been building dams there. We watched a beaver as it chewed the bark on a tree, then dived into the water, slapping it with its tail. I'll never forget that fun.

My 2 sisters and brother and I play lots of games near the creek, hide among the trees in our big farmyard and in winter when it is stormy, we play in the big cowbarn or in the hayloft. We have pets: a dog named Tippy who helps us bring in the cows and a gentle horse we like to ride or hitch up to an old buggy. It's fun to take the neighborhood children riding with us.

We live only a quarter mile from school. Ours is a 2-teacher school but I think we have all the advantages of a city school. We enjoy educational films, basketball tournaments, baseball games, music festivals and giving our own programs. Our school is equipped for hot lunches and we have some dandies.

Attending and taking part in the activities of our Andover Lutheran Church is an education, a pleasure and gives us a deep reverence for God. Our junior brotherhood project right now is to sell plaques and raise funds for the workshop of our Summer Bible School. We attend choir practice and sing in the Sunday church service. Junior Missionary Society gives us opportunity for giving a talk or planning an entertainment or play.

Another of the country boy's activities is the 4-H Club. For 5 years I have been a member of the Andover 4-H Club. My projects have been raising calves, sheep, chickens and gardening. The work is educational and recreational. It is really a pleasure to see a calf you have spent hours of hard work with perform perfectly in the show ring. We learn to do by doing, by taking part in meetings, carrying thru a project, and doing our part in many ways. This club work is most important in the rural life of America.

Each season brings some worthwhile pastime such as fishing, hunting, garden and flower planting and fruit and nut harvest. We enjoy nature. Our Kansas sunsets and sunrises are beautiful. We like to watch for the different birds, learn their habits of nest building and listen to their songs. It is fun to answer their call and see how close they will come to us.

I like the country which God made and I think that life is larger and freer and happier than in town and that work with nature is the most inspiring work a boy can do.—By Evan Johnson.

Books Are Needed

Appeal Made by State Committee

ONE book or 2 books are as welcome a gift as 100 books," says Zelia French of the State Traveling Library in Topeka, when she talks about the great need for gifts of books for badly flooded libraries.

Nine libraries along flooded streams suffered damage ranging from total loss at Barnard, in Lincoln county, and 95 per cent at Florence to lesser amounts in other towns. Allen county reports total loss of many school libraries.

Very soon after the floodwaters receded and the damage was surveyed, Governor Edward F. Arn appointed a committee to plan an over-all book collection program to reopen and aid these libraries. Members of the committee include Miss French, chairman; W. D. Wolfe, Lawrence, secretary-treasurer; Mrs. Margaret Hauke, Florence; Mrs. Orville Burtis, Manhattan, and O. A. Bell, Wichita.

The need is for up-to-date fiction and non-fiction and funds to replace reference books and children's books. "The books that are needed are books you want to read yourself," says Mrs. Ruth Gagliardo of the Kansas State Teachers Association. Books should be mailed to The Traveling Library Commission, in care of Zelia F. French, at the State House, Topeka, and contributions of

money to the treasurer of the committee, W. D. Wolfe, Superintendent of Schools, Lawrence.

Miss French has surveyed the loss and rehabilitation of libraries in both Florence and Marion where loss was enormous. Florence had only 5 per cent of their books left and even those are not in good condition. In Marion, all but 10 per cent were carried to the city dump. Now, the Marion Public Library is redecorated and they hope to open by the time school starts. Mrs. Anna Keech, librarian at Florence has started to check out books. She says there is great need for reading as a phase of rehabilitation since so many families were completely flooded out of their homes.

Both these libraries as well as others need books and will be ready to use them at any time, the sooner the better.

In Manhattan, Mrs. Alice Reilly, librarian reports a loss of more than 800 books on bottom shelves and many checked out to patrons whose homes were flooded. This library can absorb most of the loss and will receive help from the friends of Library organization in Manhattan and from individuals.

The state committee would like the books sent directly to Topeka, so proper and orderly distribution may take place where needs are greatest.

We Announce a New Contest Cash and Books to Be Awarded

TO ALL seventh and eighth graders! If you live on a farm and attend a rural school you are eligible for our story-writing contest. In this second contest, the subject is to be, "We Need More Books for Our School Library, Because..."

Etta Faye Smith, of Ottawa, a winner of the contest just completed, wrote us their schoolhouse was a flood casualty, with water 5 feet deep, resulting in almost total loss of desks, piano and books. The new books they received from *Kansas Farmer* as a result of the contest gave them a start on a new library.

There may be many such schools in the valleys of Kansas. But we are not limiting the contest to those alone. *Kansas Farmer* editors are interested in more and better books for all Kansans, young and old. Here is the chance to get a good start on a new up-to-date school library.

Winners will choose from a list of books prepared by Mrs. Ruth Gagliardo of the Kansas State Teachers Association. She is well known in Kansas as director of the Traveling Book Exhibit and editor of the Children's Book Shelf in the *Kansas Teacher Magazine*.

Rules of Contest

1. Subject, "We Need More Books for Our School Library, Because..."
2. The story must not be longer than 300 words.
3. The family farm must be at least 3 acres.
4. Winners of last year's contest are not eligible, but other students of the same schools are eligible.
5. The story must be the work of the seventh or eighth grader submitting it.
6. Story must be plainly written or typed.

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A 3x18-inch attractive Marker of Reflecto Aluminum, inch-high letters on black-enamel ground. Useful also for gate or other identifying spot. Print plainly and count up to 22 letters, or letters and numerals, to be same both sides. Can be installed in one minute.

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When you occasionally feel constipated, get gentle but sure relief. Take Dr. Caldwell's Senna Laxative. It's all-vegetable. No salts, no harsh drugs. Dr. Caldwell's contains an extract of Senna, oldest and one of the finest natural laxatives known to medicine.

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Pleasant, minty-flavored Dr. Caldwell's acts mildly, brings thorough relief comfortably. Helps you get regular, ends chronic dosing. Even relieves stomach sourness that irregularity often brings.

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SENNA LAXATIVE**
Contained in pleasant-tasting Syrup Pepsin

7. The paper must be 8½ by 11 inches and written on one side only.

8. The teacher of a school will select the best one from those written, as only one entry from a school will be considered.

9. Send the story to Florence McKinney, Women's Editor, *Kansas Farmer*, Capper Publications, Topeka.

10. To be eligible for grading, all stories must be received in this office by December 1, 1951.

Awards to Be Given

First prize: A personal cash award of \$25 to the boy or girl winner, plus \$100 in books for the school library.

Second prize: A personal cash award of \$15 to the boy or girl winner, plus \$75 in books for the school library.

Third prize: A personal cash award of \$10 to the boy or girl winner, plus \$50 in books for the school library.

We may give additional prizes at the end of the contest judging, depending on the number of high-rating stories received.

The Poet's Corner

Housewife's Holiday

(With apologies to
Henry Wadsworth Longfellow)

Between the canning and pickling
When the gardens begin looking bare
Comes a pause in the housewife's season
'Tis known as the trip to the fair.

—By Camilla Walch Wilson.

The Country Teacher

Small credit does she ever get;
Recompense that's smaller yet,
But she must know how mushrooms grow,

What causes autumn winds to blow
What shape Halloween witches are,
Where the next town is... and just how far,

How much Louisiana cost,
Where to find a cap that's lost,
How to bind a skinned-up knee,
Where are Mercury and middle C...

To have such wisdom from sky to sod,
A teacher certainly must know God.
—By Elva Buskirk Dreibelis.

Nostalgia in Autumn

A violet haze lies on the hills today
And bright leaves beckon from the woods,
I walk a path that many feet have known

Companioned by dreams, and it is good.
With frost flowers blooming by the old rail fence
And willows turning yellow by the creek,
This scene that I behold is ages old.

Oh! If only woods and hills could speak!
—By Mary Holman Grimes.

South in the Night

This is a night that wild geese choose
For winging south again,
When scarlet leaves are damp
From silvered mists of rain.

With wild geese honking overhead
This night, remembered long,
Embodies that which ends
In miracle of song!

—By Mary Holman Grimes.

Leaflet for Club Meeting

We have a leaflet which will help your club celebrate its anniversary. It requires 11 members, each to represent an essential characteristic of a good organization such as co-operation, loyalty, talent and others. Send 3 cents and ask for "An Anniversary Centerpiece." Write to Entertainment Editor, *Kansas Farmer*, Topeka.

Take the Guess Work out of
Work Shoe Buying

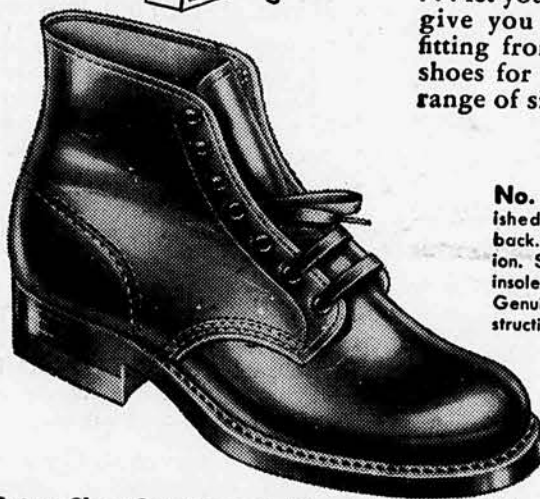
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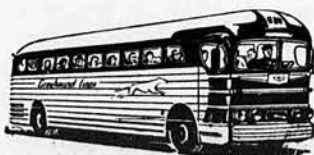
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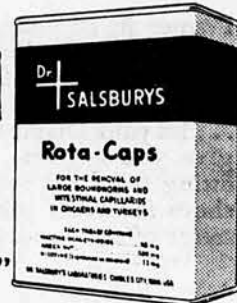
Don't Be Satisfied with Ordinary Egg Production

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Periodically

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"They
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Individual Treatment
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Improvements in breeding, feeding, housing, etc., make higher egg production possible...unless worms cause your pullets to slow down to only ordinary production. It pays to be on the safe side. Get more egg money by worming your hens with Dr. Salsbury's ROTA-CAPS. Individual treatment, easy-to-use. Won't knock egg production.

When you need poultry
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Which Bird Has The Worms?

Normal Appearing
Birds Are Often Wormy

Improvements in breeding, feeding, etc., make it difficult to tell by appearance, only, if a bird is wormy, or not. Be on the safe side; worm your birds regularly. Don't be satisfied with less than your flock's best in egg production. Get the most from your pullets by worming this easy, low-cost way.

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Get higher egg production by worming your pullets this easy, effective way. See your Dr. Salsbury dealer—at hatchery, drug or feed store. Dr. Salsbury's Laboratories, Charles City, Iowa.

Dr.

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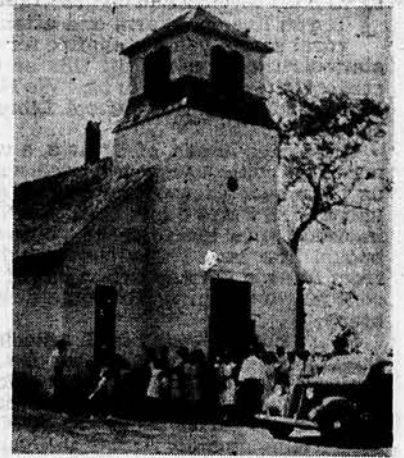
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Tisdale Church

(Continued from Page 1)



ENTRANCE to Tisdale Methodist Church looked like this before new sanctuary was added and this section was remodeled.

of labor in addition to the money raised. 2. Hired a full-time minister instead of depending on part-time student pastors. This meant paying a salary comparable to those paid by larger churches in surrounding towns.

3. Built a parsonage valued at from \$14,000 to \$20,000 and now have paid off all but \$6,000 of the cost.

4. Built gas line one-half mile long to connect with a company line so church and parsonage could have modern conveniences.

5. Established an annual church budget that runs above \$100 a Sunday.

This seems like a lot of money for one rural community to spend on its church and we said as much to Mrs. Alfred J. Houghton, church historian. In answer, Mrs. Houghton showed us an article written for the Christian Advocate by Reverend Gilbert S. Peters, the new full-time minister at Tisdale.

"Whenever there is a discussion on rural churches," Reverend Peters wrote, "emphasis is placed on its challenge to the young minister. A neglected fact is the importance of the rural layman."

"Regardless of how fully consecrated the minister may be, unless there are lay workers willing to sacrifice and work in the interest of their church, the kingdom of God will not go forward there."

Important Questions

The article continued: "The rural layman might well ask himself, 'Am I really anxious about my church? Am I sincerely interested in a going, forward-looking program? Am I willing to do my part, or am I just wanting something for nothing?'"

Going back in his memory, Reverend Peters later told us that "As a boy on the farm I remember the struggle of small rural churches in my area to keep going. I have always wanted to do something about it." His convictions were so strong he left a city church to come to Tisdale and has dedicated the rest of his life to the rural church field.

In talking with Reverend Peters and Howard Moon, who has attended at Tisdale for 30 years and who was chairman of the building committee when the recent improvements were made, we discussed the Tisdale church program and methods used to raise the needed money.

"Everyone in the community was canvassed and given a chance to contribute to the church improvements," says Mr. Moon, "because we felt the church is a community center that serves all residents. Many folks who belong to churches in Winfield attend our special events and were glad to help in our fund raising. Some residents of the

area who are not members of any church contributed either money or labor. And we got considerable help from former members who have moved away but still have a sentimental interest in the church.

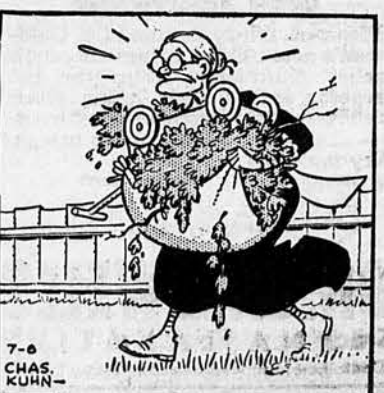
Mr. Moon mentioned one gift of \$500, for instance, from Mrs. Grace Dunlap, who now lives at Canyon City, Colo. "Mrs. Dunlap is a former member," says Mr. Moon, "and her father was an early day leader in the church. She wanted to give the money in his memory. As it turned out that \$500 just about paid for all the new stained glass windows."

"The area being served by our church is expanding too," explains Mr. Moon. "Several small churches have closed within a few miles of Tisdale and many of their members now attend here. We have some folks who drive 16 miles to Tisdale, but most of our members live within a 6-mile radius. Reverend Peters keeps all the farm families in our area informed of church activities thru a monthly letter, and more people are becoming interested in our church because of our live program."

That Tisdale Methodist Church is a community center is literally true. It is used by local Home Demonstration Units, the 4-H Club, for church and community plays, as an election center, for basketball, for socials and suppers, and all the other things a public building can serve. Once each year some of the Winfield civic clubs come out to Tisdale to enjoy "country cooking" and a visit with church folks of the neighborhood.

To help pay for the new parsonage, church members are using a variation (Continued on Page 33)

GRANDMA . . . By Charles Kuhn



7-8
CHAS.
KUHN

BONE

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See a Practical Demonstration of this Top Performing Hammer Mill



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Plan Now to Attend!

TICKETS
Nights, \$3.25, \$2.75, and \$2.25
Matinees, \$1.75 and \$1.50

American Royal Assn.
402 Live Stock Exchange Bldg.
Kansas City 18, Missouri

of the "Lord's Acre" plan. Where some farmers cannot donate an acre of crops they may lend the land for someone else to work. Others are dedicating a calf, pigs, or eggs laid on Sundays.

Few city churches are able to match the religious program of Tisdale Methodist Church. Where most city churches have dropped their Sunday night services and have forgotten what a Wednesday night prayer meeting is, Tisdale church is happily continuing both and "attendance is excellent," says Reverend Peters. One strong point, of course, is a youth program with some 60 to 70 young people active in the high and post-high school youth fellowship groups.

Right here we brought up the problem of leadership. Farmers are being called upon to provide leadership for more and more expanding groups as farming becomes more complex. "I have less trouble on that point at Tisdale than at any city church I have served," answers Reverend Peters. "The reason is folks here put their church first."

Congregation Has Grown

Because of their willingness to work and sacrifice for their church, the congregation at Tisdale has shown steady growth for a long time, even tho the population of the area is decreasing.

As far back as 1923 the church had outgrown its building and an addition was made at a cost of \$4,850. Both the original building and the 1923 addition were incorporated in the present building when it was remodeled and expanded in 1947.

When the present new church addition was started in 1947, church membership was 213. By 1949 it had jumped to 222. "When I made my last check recently we had 270 members," says Reverend Peters. "Our new sanctuary was built to seat 156 members," he adds, "and already we are bringing in additional chairs to accommodate the Sunday morning crowds." A second room aids the seating problem.

During 1950 the Tisdale church received 49 new members—44 of these were on confession of faith, and 29 were baptized at the same time they became members. As a comparison, a city church with 1,200 members had only 39 new members during 1950 on confession of faith.

Reverend Peters thinks this is significant. "People must be won for Christ in the country and small towns if city churches are to be maintained," he says. Reverend Peters also points out that at the time he came to Tisdale the church already had produced 11 full-time Christian workers. Most of today's ministers and missionaries are coming from rural and small-town churches.

Plenty of Hope

Is there any hope for the church in most rural communities now in the face of a declining rural population? we asked Reverend Peters.

"Yes," he says. "Despite our apparent success here at Tisdale, the number of folks in our area who still do not belong to any church is a great challenge and we have lots of room to grow. Every rural community is faced with the same challenge."

Then he goes on to say: "The General Methodist Church now has a new committee called the Farm and Home Committee. Its sole purpose is to help young people get established on farms near rural churches, and to urge older established farmers to give young folks preference when renting or selling."

"It is the Christian duty of a farmer when selling or renting," says Reverend Peters, "to consider other things than the highest money offer. The future of the community he has loved and in which he has prospered depends on his helping worthwhile young people stay on farms in that community."

As an example of how farmers can control the future of their communities, Reverend Peters tells about a case in which a large corporation offered farmers in one area fancy prices for a large block of land it wanted as an investment.

"Those farmers got together," he says, "and refused to sell because of the effect on the community's future." Reverend Peters thinks there are definite things you can do as a rural layman to keep or improve your church.

"First," he says, "plan for what you want. When you show real effort your district superintendent will be able to help. And some trained man eventually will feel that here is a task to which he would like to give himself."

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Dividends like this mean extra savings to farmers insuring autos, trucks, tractors, combines with Farm Bureau Mutual.

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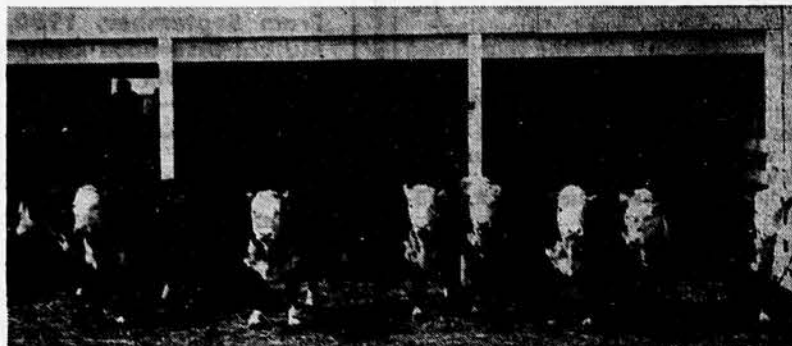
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Feed Machinery and Chemical Corp.
301 West Avenue 26
Los Angeles 31, California
Please send free Bulletin B-141-3 describing Peerless deep well Turbine Pumps.

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Open New Research Laboratory in Quincy



RESEARCH LABORATORY of Moorman Manufacturing Company, Quincy, Ill., has just been completed. This modern building contains a complete layout of laboratories and scientific testing devices. Research plays a vital role in today's livestock feed business.



FARM TESTING is carried on by Moorman Manufacturing Company on its farm near Quincy. Here are cattle on feed. This is a practical farm operated much like any other Midwest farm.

THE role research plays in today's feed industry is well illustrated by the newly-completed research laboratory building of Moorman Manufacturing Company, Quincy, Ill. The modern building, fully equipped with gleaming laboratories, is graphic proof that today's mineral feeds are a long way from the "stock powders" of earlier days.

Recently open house was held at the new laboratories. The new structure is one of the finest of its kind in the nation. Here are just a few of the facilities provided for the staff of research workers:

Library of livestock and poultry books and journals, dealing with veterinary science, nutrition, chemistry and other allied subjects.

Vitamin laboratory, where ingredients that provide vitamins in feeds and minerals can be tested. These ingredients include such things as distiller's products, cod-liver oil, packing house by-products.

Trace-mineral laboratory, where the elusive but highly important trace minerals can be studied.

Protein laboratory, where protein content of both ingredients and mixed feed and mineral mixtures can be tested.

Mineral laboratory, where purity and content of mineral ingredients can be tested. These mineral ingredients come from all over the nation and the world.

Product laboratory—"trouble-shooting" room, where finished product is studied.

Chick battery room, in which baby chicks are reared in batteries to 12 weeks and effects of feed can be studied.

Albino rat room, in which hundreds of rats are used to test feeds. The rat still is the best laboratory animal because there is so much available information about its growth rate. Effects of feed can be noted with accuracy.

There is other interesting equipment in the laboratory, including a device to test strength of animal bones.

Director of research for the company is Dr. W. P. Elmslie, graduate of University of Wisconsin.

In addition to the research laboratory, Moorman Manufacturing Company operates a test farm at Quincy, where it tests its feeds under actual farm conditions.

Formulas of feeds being tested at the farm are kept secret from the men in charge of the farm, to assure fair tests. It's not easy to make a better feed, reports Roger Mittelberg, manager of the farm. Modern feeds are the result of years of experimental work and further advances are slow.

Coming Events

September 16-21—Kansas State Fair, Hutchinson.

September 21—Seward county small grain and legumes field day and tour, Liberal Experimental Field.

September 23—Ellis county annual beef tour.
September 24—Reno county livestock production meeting, with Lot Taylor and Leo Wendling.

September 24—Gray and Ford counties, farm management meeting with Norman Whitehair and John Smerchek.

September 24, 25, 26—Labette county, Parsons fall festival.

September 25—Haskell and Grant counties, farm management meeting with Norman Whitehair and John Smerchek.

September 25—Osborne county, beef cattle tour over the county with Bass Powell.

September 25—Ellis county annual beef tour.

September 25—Sedgwick county fall field day.

September 26—Reno county sorghum field day.

September 26—Ellis county 4-H leaders meeting.

September 26—Thomas county, fall outlook meeting, Colby, 8 p. m., with Ray Hoss and Oscar Norby.

September 26—Shawnee county fall crops tour, with Luther Willoughby, KSC agronomy specialist.

September 26—Sumner county annual beef day and barbecue, with Lot F. Taylor and Leo T. Wendling, KSC specialists, Wellington.

September 26—Stanton and Morton counties, farm management meeting with Norman Whitehair and John Smerchek.

September 26—Miami county, policy meeting of county agencies of U. S. Department of Agriculture, Paola.

September 27—Sumner county leader training on current public policies discussion, C. R. Jacobard, Extension specialist assisting, 4-H building, Wellington.

September 27—Phillips county, animal husbandry with Bass Powell.

September 27—Pottawatomie county, cornfield day with L. E. Willoughby.

September 27—Stevens and Meade counties, farm management meeting with Norman Whitehair and John Smerchek.

September 28—Kingman county, deferred tour.

September 28—Osborne county beef tour.

September 28—Clark and Kiowa counties, farm management meeting with Norman Whitehair and John Smerchek.

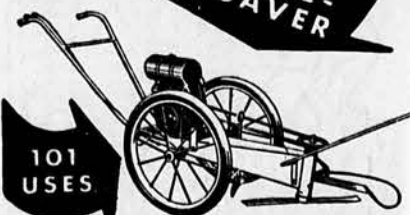
For 4-H Leaders

"The Church and 4-H Clubs" booklet has many points of interest to leaders. Send for free copy to Service Editor, Kansas Farmer, Topeka.

ROOF Fence Row WEED CUTTER

OUT OF WEEDS

TIME-
SAVER



Saves hours of hard work, cutting everything from tough blue grass to light brush with no effort at all!

CUTS WITHIN 1/4" of fence rows, buildings, trees and other obstacles. Ideal for yard, timber, garden, orchard, spot weed control.

FORWARD DRIVE optional with new Self-Propeller. Can be applied when needed, idled for close work.

MOWS LAWNS, TOO! Just one simple adjustment. See your dealer, or for our special folder on keeping your farm LOOKING LIKE A MILLION, write

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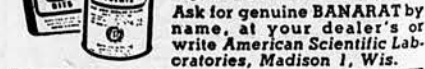
MOST EFFECTIVE RAT and MOUSE KILLER Known

Results almost unbelievable. No bait-shyness — keep eating until they all die. Choice of 2 forms:

BANARAT BITS — ready-to-use pellets. New bait formula: 1-lb. self-service bag \$1; 5-lb., \$3.95; 4-oz. Mouse Bits, 50 cents.

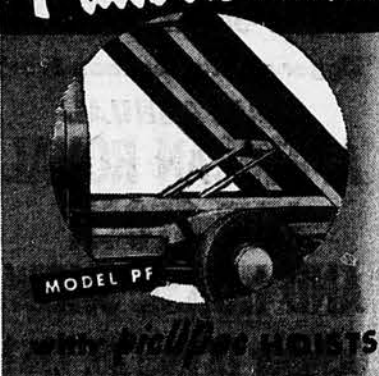
BANARAT PREMIX — mix with any acceptable bait. 1/4-lb. makes 5 lbs. bait, \$1.75; Big 1/2-lb. makes 10 lbs., \$3.00.

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... for all hauling and dumping jobs your 1/2, 3/4, and 1 ton trucks can perform. The picUPac elevates loads to a 47° angle in seconds, hauls and dumps grain, hay, sand, gravel, fertilizer, etc. Comes equipped with either the electrically driven or manually operated Blackhawk Pump. The low cost picUPac makes a dump truck out of your platform stake or grain body. Save time, labor, money the year 'round, insist on the picUPac Hoist.

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All-Weather Top and Back
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For abnormally severe
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Warm engine heat keeps cold weather out — with a genuine **COMFORT COVER** Heater. You'll work warm and protected, get more work done, in even the coldest weather. Quickly attached for snug streamlined fit. Converts to low-cost heated cab if desired. Insist on the genuine **COMFORT COVER** Heater — most popular heater of all! See your dealer or write.



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For Pumps—Grinders—Grain Cleaners, etc.

32 or 110 volt DC, heavy-duty, less than 1/2

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Standard Brands—guaranteed—only \$15.00

each while they last.

Send remittance with order.

Also electric fans 32 or 110 volt DC and ap-
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for stock tanks — inexpensively!
This hydrant won't freeze! Handle
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Deluxe "7-Speed" hydrant also
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Width of Cut—36 in. Bearings—Standard Ball.
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Drive—Standard Auto V-Belts. Gear—Machine Cut.
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The F & H heavy duty 24" or 18"
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mower cuts fine grass or large
weeds. Powered by a Briggs
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castings to
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guaranteed for one year. Drive wheel 12"x3.00 semi-
pneumatic puncture proof. Front wheel 10"x2.00.
Two blades with each machine. Only one nut to re-
move to change blades. Satisfaction guaranteed.

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Cedar Point, Kans.

Marketing Viewpoint

By C. P. Wilson, Livestock; L. W.
Schruben, Feed Grains; P. L. Kelley,
Dairy Products.

*I would appreciate your opinion on
the cattle market. Also, what kind of
replacement cattle are the best buy?—
D. R.*

Cattle prices probably will continue
on a high level. No major break or de-
cline is expected in the foreseeable
future. Well-finished, grain-fed cattle
probably will be steady to strong for
the next 3 or 4 months. Commercial
and good slaughter steers may hold
about steady. The plainer kinds of
slaughter cattle may weaken slightly
between now and October. Choice
stocker calves probably will hold about
steady, but lower grades and heavier
weights of replacement cattle may de-
cline slightly by October.

It is difficult to give an opinion on
what kind of cattle one should buy.
It depends a great deal on what an
individual's set-up is and when he
plans to sell. If you plan on wintering
and summering, the Kansas deferred-
feeding program has a favorable out-
look. While choice calves look high in
price you can cheapen them consider-
ably so you can take less per pound
when they are fat than what you pay
for them as stockers and still show a
profit.

If you plan only on a wintering pro-
gram and will sell in spring, plain cat-
tle are fairly safe. You can nearly al-
ways figure on a price margin.

Another program for winter that
may work out to advantage would be
to buy some good native heifer calves,
carry them on wheat pasture or silage
until about January 1. They should get
cake during this period. Then full-
feed for an April market.

*Will corn prices change much be-
tween now and harvest?—J. K.*

Corn prices usually weaken from
now until after harvest, and since it
appears corn production will be high
this year in the Corn Belt, we can ex-
pect the same price decline between
now and the middle of October. How-
ever, it seems corn will be very short
in Kansas, and we can expect a less-
than-seasonal price decline especially
in the area affected by the flood. Price
fluctuations of not more than 10 to 15
cents on either side of the present price
likely will prevail.

*What is the outlook for manufactur-
ing-milk prices this fall?—M. M.*

Some improvement in prices prob-
ably will occur by late fall or early win-
ter. At present most manufactured
dairy product prices are tending to be
steady to lower. Manufacturers' stocks
of evaporated milk on July 31 were
highest of record for the date, and the
quantitative seasonal gain in stocks
during July was the second highest in
32 years. Evaporated stocks at end of
July were 54 per cent larger than a
year earlier and 43 per cent above the
5-year average for that date. With
seasonal declines in production this
situation may improve somewhat.

To Remove Stains

When stained clothespins leave
marks on clothes, I bleach them by put-
ting clothespins in a pan of water to
which a half cup of strong clothes
bleach is added.—Mrs. D.



"Now, don't worry about a thing at
the office, Smith. We've found out
that we can get along fine with-
out you."



Another reason why it's a bargain

Ever stop to think that your telephone is
the one piece of equipment in your entire
household that's maintained "for life" — at
no extra cost to you?

All the equipment, wires, instrument —
everything it takes to bring you telephone
service is provided by the company. And
if your telephone should get "out of order,"
you needn't worry about any expense in
having it fixed.

That's just another of the values includ-
ed in the rate you pay — another one of the
things that makes the telephone one of the
best bargains in your family budget.

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Learn How YOU can make more money
with a **SALINA SILO**

See Our Fully Erected Silo Exhibits at:

TOPEKA FREE FAIR—Sept. 8th thru Sept. 14th
Hutchinson Fair—Sept. 16th thru Sept. 21st

Many Kansas farmers have an abundance of sorghum
crops, legumes, and even corn this year. Don't let this
valuable feed go to waste... there's still time to put
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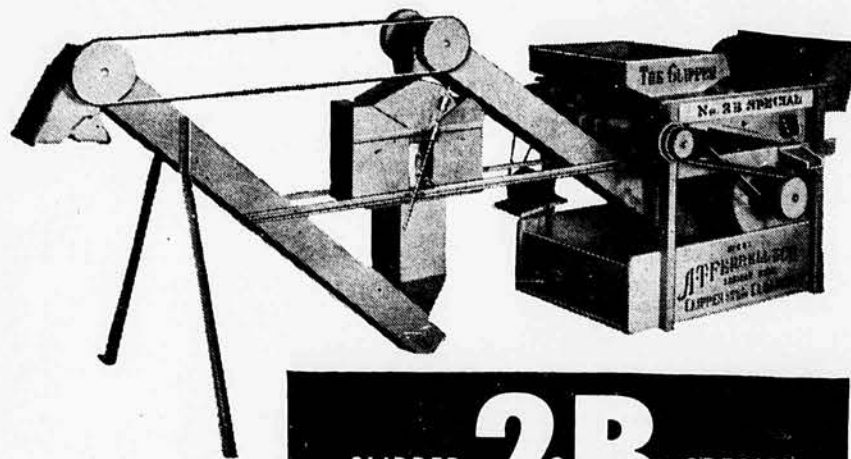
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RANGERS
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The Clipper 2B Special is a highly efficient seed cleaner. This Clipper cleaner, with treater-elevator attachment as illustrated, eliminates hours of hand labor. This Clipper requires only a 1/3 H.P. motor and the machine is readily moved from one location to another. Write for "Helpful Hints" describing this and larger farm models and seed treaters.

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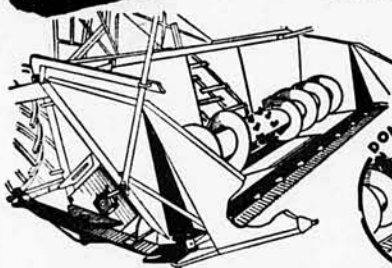
FILM . . . The color film "The Clipper Way," an instructive and interesting story on seed cleaning, is supplied free to farm, school and research groups. Tell us your first and second choice of dates.

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MAIZE THE HESSTON SORGHUM ATTACHMENT WILL PAY YOUR HARVESTING COSTS WITH THE GRAIN YOU SAVE!



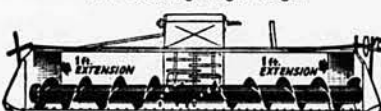
Tall and short stalks, thin or heavy yield, the Hesston Sorghum Attachment will eliminate cutter bar "slobber" and increase your harvest net profit.



This field-proved attachment extends the sickle ahead and upward six inches, providing ample space for tall stalks to fall into the trough and under the auger. The upward slant prevents heads from falling off in front of the sickle bar. Installation is simple . . . no cutting, welding or holes to drill. Engineered and precision-built to fit your combine.

AVAILABLE FOR
Massey-Harris 10-, 12-, 14- and 16-ft., McCormick-Deering 123 and 125 SP, Baldwin 12-ft., John Deere "55," Cockshutt, Minneapolis-Moline G-3, G-4 and 14-ft. SP.

14-FOOT PLATFORM EXTENSIONS
with receding finger auger



HESSTON

V-BARS



Enables you to cut more acres per day with less effort. A field-proved attachment. 14-ft. fits all IHC SP and Case SP combines. 12-ft. fits MH-26 and 21 SP combines. Hesston Receding Finger Auger stops your platform feeding troubles. Receding Finger Auger can also be furnished for your original 12-ft. or 14-ft. combine. Easily installed.

You can cut more acres per day and save more grain per acre by replacing your straight or spike tooth rasps with Hesston V-Bars. They are non-slugging, give easier separation, smoother operation, even feeding, less straw chopping, plus savings in fuel.

HESSTON MFG. CO., 220 Kings Street, Hesston, Kansas

Send information on the following equipment (check which): ☐ Sorghum Attachment ☐ Platform Extension ☐ V-Bars ☐ Combine Unloading Auger ☐ Cylinder Adjustment ☐ Receding Finger Auger ☐ Balanced Grain Tank ☐ Auger Elevators ☐ Electric Lifts

NAME (Please Print) _____

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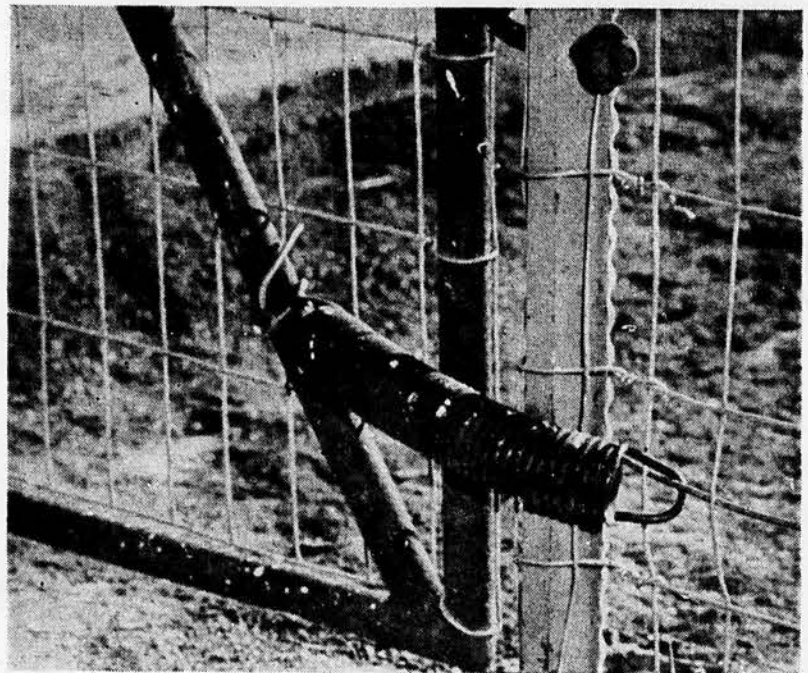
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I OWN A _____

MAKE COMBINE _____

On Display at
KANSAS STATE FAIR
NORTH OF FIRE STATION

Keeps Gate Closed



AN IMPLEMENT SPRING is just the thing to keep farm gate closed. This picture shows how spring is attached to gate and fence on Jim Carnahan farm, Clay county. Here spring is simply hooked over wire back of post. "It would be better," says Mr. Carnahan, "to weld a metal catch on back of gate post for spring to hook over."

A Quick-Growing Tree

IF YOU are interested in finding a quick-growing tree for windbreak or farmstead planting try Southern Pine. These trees will grow to 11 or 12 feet in 4 to 5 years, reports the Soil Conservation Service. Trees shown here are part of an experimental planting near Lane, in Franklin county. Southern Pines can be bought from commercial nurseries in Missouri and Arkansas.



Work Made Easy



SEVERAL TYPES of circular and chain saws were demonstrated on H. L. Bryan farm, Leavenworth county, to show how farmer can help clear pastures of trees with very little labor. Important results have been obtained with new chemical brush killers in clearing areas. See Kansas Farmer for July 21, 1951, for details.

Pig Losses

(Continued from Page 4)

be able to handle 3 sows and litters. One point in management is that sows are turned out an hour each morning and again for an hour in the afternoon. They soon learn to regulate their habits to this schedule and seldom dirty their farrowing quarters. Clean pens mean less work and less disease troubles.

When sows are removed from the runways for their daily exercise in the yard, their litters are kept in their side of the alley by putting into place a removable panel along the bottom of the middle partition.

Heat Lamp Benefits

Each litter of pigs also is protected from chilling by a heat lamp suspended over the pig alley. The sow gets some benefit from the heat, too, and this helps keep her content. "Contrary to what you might think, the sows are perfectly content in their restricted farrowing pens," says Mr. Worcester.

Now, about losses. This spring of 1951 there were as many as 24 sows in the farrowing house at one time and between 400 and 500 pigs were farrowed during the season. Only 5 pigs were lost from all causes. Expenses for heat lamps also were low. "My biggest bill when everything was going on a 24-hour-day basis was only \$26," states Mr. Worcester.

When pigs are 7 to 10 days old sows and litters are moved to outdoor pens on clean ground. At this moving period a mighty handy piece of equipment has proved to be a portable crate on skids. "We never fight sows when moving or treating them," Mr. Worcester explains. The crate is equipped with a squeeze and all sows get a nose ring at moving time to prevent them from rooting or becoming mean. Later a portable loading chute is used for moving hogs from pasture to pasture and at market time. "It saves labor and time to take the loading chute to where the hogs are instead of driving hogs to a central loading point," says Mr. Worcester.

Central Station Service

In their first move out of the farrowing house, however, sows and litters are placed in a series of pens arranged in a wheel shape, with a feed and water center at the hub. Seventeen litters are serviced from this central station. You can make these pens any size you want. The Worcesters like theirs about 125 feet long, 40 feet wide at the outside edge, and 5 feet wide at the hub, next to the service center.

Each pen is equipped with a specially designed hoghouse for the sow and litter. After experimenting with several styles and types of hoghouses, Mr. Worcester finally designed one 8 feet long by 7 feet wide. The door to this house is off center. Actually it is one foot out from one side. On both sides of the door, running from front to back, Mr. Worcester put in a part partition. This leaves a 24-inch-wide slot for the sow to lie in, while the rest of the house serves as a brooder for the pigs. As in the farrowing house, this extra precaution is taken to prevent crushing. "About a third of the sows learn to back into the houses so they can lie with heads out," says Mr. Worcester. Sows and litters are left in the wagon-wheel pens about 30 days, then go to permanent sweet clover pasture range.

Range Problems

Putting sows and litters on range is a critical point in management. "I found that losses increased at this point when many sows and litters were thrown together on range," Mr. Worcester explains. "I am now working on a system that would limit 2 or 3 litters to any one area on range," he says.

All feed is ground and mixed on the farm. Grains and other ingredients are dumped into the grinder pit by wheelbarrow loads and even the youngest son, Leon, can do this.

Gilts on the farm are selected for good dispositions and size of litters produced by their dams. "A gilt that is mean and hard to handle is dangerous and takes extra time," says Mr. Worcester. He likes gilts, too, that will average 9 or 10 pigs to a litter. "I would rather have that many strong pigs than 14, if several are runts," he explains.

Much credit for the entire hog-management program, says Mr. Worcester, must go to his older son, Billy Joe. He had 2-years at Kansas State College and got many management ideas there.

Livestock

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At more than twenty strategically located livestock hotels (feeding yards) your meat on the hoof can feed, rest, gain weight and condition while waiting for the best time to move to market or destination.

At these railroad feed yards, livestock waits for the orders of the owner or shipper to move on to market, processor-packer, or to feed lots.

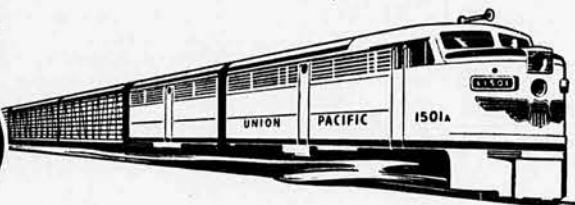
Union Pacific serves eleven of the principal and largest livestock markets and meat

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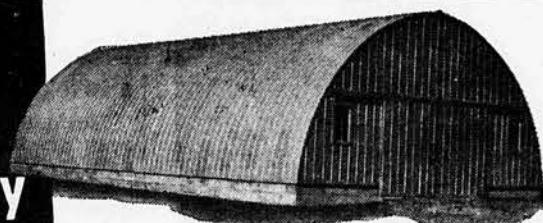
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FREE folder shows what REX means to you—Address: REX, American Salt Corp., Dept. X-4, 20 W. 9th St. Bldg., Kansas City 6, Mo.



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I would like information on the following:

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CITY _____ STATE _____ KF

Form Six-State Wheat Study Group

Wheat problems in a 6-state area are being fought in a new way. Recently, representatives from 6 Midwest and southern states met in Manhattan to set up a wheat research advisory committee. Kansas, Colorado, Oklahoma, Nebraska, Texas and New Mexico were represented.

Each state committee would represent wheat research interests of crops associations, railroads and fertilizer, chemical, elevator, baking and milling and farm machinery companies. The group would act in an advisory capacity with experiment station workers. Although primarily concerned with wheat problems, the committee also could study related problems as alternate crops for soil fertility, wheat and grassland.

Another meeting to develop the plan will be held at Dodge City on September 28. H. W. Clutter, Holcomb, president of the National Association of Wheat Growers, is asking agricultural leaders in the 6 states to establish wheat advisory committees.

Note Progress In Dairy Programs

Progress in dairying in Kansas is noted by L. C. Williams, dean of Kansas State College Extension service, in his 1950 annual report. He points out results are showing from more adequate housing for the dairy herd and from emphasis on improving herd quality.

Last year, more than 1,275 old barns were remodeled into modern buildings. A total of 377 new grade-A barns were built on the Kansas plan. Dean Williams also notes number of purebred dairy cattle breeders made a marked increase with 331 new ones being reported.

The proved bull program picked up 110 bulls in 1950. Also, 1,268 registered sires replaced grade sires in dairy herds. An increase from 818 to 930 dairy herd improvement association members during 1950 is evidence of growing interest in herd improvement, says Dean Williams. Kansas now has 34 full-time dairy herd improvement associations.

Name New Editor For Ag Board

Richard D. Nichols, Manhattan, is new publications editor for the Kansas State Board of Agriculture. Announcement is made by Roy Freeland, secretary of the board. The new editor has an outstanding background in agriculture. He graduated from Kansas State College with degrees in agriculture and journalism. His parents are Mr. and Mrs. R. D. Nichols, Ottawa. Mr. Nichols was an active and outstanding college student, was a member of the junior livestock judging team. During World War II, he spent 3 years in the Navy. He was born in Fort Scott, and attended Fort Scott and Paola schools. He is a member of Alpha Zeta, national agricultural fraternity, and Sigma Delta Chi, professional journalistic fraternity. Mr. and Mrs. Nichols will live in Topeka.

Farm Bureau Gives Flood Control Stand

Herman Praeger, Kansas Farm Bureau president, commenting on disastrous floods and flood control, recently stated a comprehensive program must include dams and reservoirs. "There must be tremendously increased activity on soil conservation with special emphasis on contour planting, terracing and detention dams . . . there must be better cropping systems with more land in permanent grass." He declared the Federal Board of Review under the President's Water Resources Policy Commission should be activated immediately. And called for full co-operation of Farm Bureau members and co-ordination in line with the 1950 report of the President's Commission.

State 4-H's Aid Conservation Job

Kansas 4-H Club members are doing an outstanding job in soil and water conservation practices. Some 3,490 members in the state in 86 counties receive training in the national program, directed by Kansas State College Extension Service.

Edward Pachta, Belleville, was state and national winner in soil conservation activities for 1950. Also, 10 scholarships of \$200 each were awarded to club members to Kansas State College, for outstanding success in soil conservation work. Donor of the scholarship program is the Spencer Chemical Company, Pittsburg. The 1950 winners were Wesley Pletcher, Butler county; Karl Rau, Clay; Robert Davis, Brown; Bill Gfeller, Geary; Kermit Adelgren, Neosho; Dean Hofmann, Shawnee; Eldon Johnson, Saline; Keith Burt, Cloud; Carl Karst, Barton, and Ernie Trostle, Kingman.

Kansan Nominated For Science Award

Dr. Harold Barham, industrial chemist and professor of chemistry at Kansas State College, has been nominated for the \$5,000 Hoblitzelle National Award in agricultural sciences. He is one of about 70 scientists nominated.

Doctor Barham was chosen by the Kansas regional committee for his long-time investigation of production of starch from agricultural commodities, and a new process for the dry milling of grain sorghums.

Members of the committee who chose Doctor Barham from this region are L. E. Call, dean emeritus of the Kansas State College School of Agriculture; Roy Freeland, secretary of the Kansas State Board of Agriculture; Herman Praeger, president of the Kansas State Farm Bureau, and Dr. James O. Maloney, chairman of the Research Foundation of the University of Kansas.

How Many Acres Make a Farm?

In 1950 the U. S. Census Bureau counted places of 3 acres or more as farms if the value of agricultural products sold amounted to \$150 or more. In 1945, such places had to produce products valued at \$250 or more to be counted as farms.

Another change in the 1950 census over 1945 was in qualifications of places of 3 or more acres to be counted as farms. In 1950, places of 3 or more acres were counted as farms only if agricultural products, exclusive of home garden, with a value of \$15 were produced in 1949. In 1945, places having 3 or more acres were counted as farms if any agricultural products were produced for home use or for sale in 1944.

In 1950, the Census Bureau counted 9,910 fewer farms in Kansas than in 1945. Kansas had 131,282 farms in 1950 as compared with 141,192 five years earlier.

Dates Set for Dairy Congress

The 39th annual National Dairy Cattle Congress will be held at Waterloo, Ia., September 29 thru October 6. Premiums available to dairy cattle exhibitors will total about \$45,000. Exhibitors in Guernsey, Brown Swiss, Holstein and Jersey breeds will take part in their official national shows. They will compete for the largest amount of premiums offered them at any show in 1951. The regional Ayrshire show and the nation-wide Milkling Shorthorn show also will be held at the Congress. Premium lists may be obtained by writing to National Dairy Cattle Congress, Waterloo, Ia. Other details are also available.

Further Turkey Studies With \$1,500 Grant

Turkey research studies by the Kansas Agricultural Experiment Station have been given a financial boost. A \$1,500 grant just received from the American Poultry and Hatchery Federation, Kansas City, Mo., will be used to continue the study of causes of infertility in Broadbreasted Bronze turkeys. The sum was a 4th grant from the Federation, formerly International Baby Chick Association.

Call Goes To Philippines Again

L. E. Call, emeritus dean of Kansas State College School of Agriculture, is in the Philippine Islands on an agricultural mission. He is a consultant with the Economic Co-operation Administration at the University of Philippines' college of Agriculture for 3 months.

Churchman

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Big 5 Star Performance

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Easily attached to all types of drills. Oil impregnated bearings have EXTRA LONG life. No lubrication time nor cost. Churchman's specially designed KLEAN-WELL V-type tires press seed into moist or dry soil and packs seeds uniformly. No mud build up. Easy to pull. SEE YOUR LOCAL DEALER OR WRITE FOR SPECIAL FALL OFFER!

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RUFF FOWLTRY FARM, Box 1504, Ottawa, Kansas

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

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Write for special display requirements.

Kansas Farmer, Topeka, Kan.

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White, Barred Rocks, Hampshires, Reds, Wyandottes, \$9.95; pullets, \$12.95; cockerels, \$10.95. White, Brown Leghorns, Austra-Whites, Black, Buff, Minorcas, \$9.95; pullets, \$15.95. Heavies, \$8.95. Mixed, \$7.95. Leftovers, \$6.95. Fryers, \$5.95. Barnyard Special, \$4.95 up. FOB 100% alive. Catalog. Bush Hatchery, Clinton, Mo.

DeForest Blue-blood Chicks Production or Broiler breeds. Hatching year around. Broad-breasted Bronze and Beltsville White Poults in season. DeForest Hatcheries, Box E, Peabody, Kan.

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Grass Seeds—Intermediate Wheat grass, Tall Wheat grass, Bromegrass. A complete line of grass and legume seeds. Guaranteed quality. Write today for prices. Specializing in grasses for 10 years. Miller Seed Co., Box 1823, Lincoln, Neb.

Stafford Wheat—Pure seed direct from originator. Lots under 25 bu. \$3.25, over \$3.00. Sacked and shipped 25c per bu. extra. S. E. Blackburn, Stafford, Kan.

Certified Achenbach Brome Grass Seed. No chaff in it. 35c per pound. Earl L. Collins, Florence, Kan.

New and Better Seed Wheats. Lower prices. Earl G. Clark, Sedgewick, Kan.

Brome Seed—Best quality southern type. E. V. Bruce, Holton, Kan., producer.

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Imported Holland Tulips. Daffodils, Hyacinths, Lilies, Iris. Free catalog featuring money-saving, special collections. Satisfaction guaranteed. Foley Gardens, Freeport, Ill.

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Make More Profit under average farm conditions. Raise Milking Shorthorns. For average farmer milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Write for Facts and Free sample copy of Milking Shorthorn Journal. American Milking Shorthorn Society, Dept. K-F-5, 313 So. Glenstone, Springfield 4, Mo.

DOGS

Working Border Collies. We have the best. Puppies guaranteed. Howard McClain, Route 6, Lima, O.

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

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Earn Up to \$400 monthly raising Angora or New Zealand Rabbits. Plenty markets. Particulars free. White's Rabbitry, Newark 71, O.

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804-1126 West Euclid, McPherson, Kansas

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Booms Wagon Unloader. Inexpensive. Easily attached to your present wagons. Variable speeds; unloads 5 tons in 7 to 14 minutes. Write today. Booms Silo Co., Harbor Beach, Mich.

Wire Winder, roll and unroll wire with tractor power and speed. Very low cost. Free literature. Midwest Wire & Steel Co., 535 South Concord, South St. Paul, Minn.

MACHINERY AND PARTS

New and Used Tractor Parts. Write for big, free 1951 catalog; tremendous savings. Satisfaction guaranteed. Central Tractor Parts Co., Des Moines 3, Ia.

For Sale: 1946 Studebaker Pick-up, 1 ton chassis with 3/4 ton bed and 4 speed transmission. Call 4-6726 Topeka. Mrs. Sam Roller, Rt. 6, North Topeka, Kan.

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

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Great News! Our famous Century Jumbo Over-size finishing at contact prices. Our Chicago plant, with new improved equipment, exclusive with Century, produces sensationally magnificent quality work. Any 8-exposure roll finished deftly style only 35c. 12-exposure, 50c. 16-exposure, 60c. 36-exposure, \$1.35. Oversize reprints 4c each. Free mailers. Send us your next order, you will be delighted with results. Century Photo Service, Box 5208, Chicago 80, Ill.

Two Sets of "Deckledge" Prints with every 8-exposure roll finished 40c. Very finest quality. "Deckledge" reprints 3c each. Jumbo reprints 4c each. Brown Photo Company, 1910-32 Emerson, Minneapolis, Minn.

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16 Prints or 8 Jumbos from roll, 25c with this ad. 1 Skrudland, River Grove, Ill.

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Make Money Showing Neighbors how to beautify yards with glorious flowering shrubs and trees. Quick-bearing Dwarf fruit trees; World-Famous Stark patented varieties produce abundant harvests champion-quality apples, pears, peaches, other fruits. Even small plots produce fruit for family use and to sell. Beautiful Sales Kit free. Stark Bros., Dept. 30392, Louisiana, Mo.

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Wanted—15 or 16 year old boy for farm work. J. N. K. Johansen, Cotesfield, Neb.

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

REMEDIES—TREATMENTS

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

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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.

Bargain's. Full-Fashioned Nylon Hose, factory rejects 6 pairs \$1.00, imperfects 3 pairs \$1.00. Our select grade 3 pairs \$2.00. Satisfaction guaranteed. McDonald Mfg. Co., Ooltewah, Tenn.

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

Colorful Quilt Pieces—You'll love them! Fast color prints, percale, broadcloth. Samples, Patterns, Gift 10c. Jackson's Quality Remnants, Newfoundland 9, Ky.

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Leathercraft. Everything needed by beginners, advanced hobbyists and professional leatherworkers. Largest stock of supplies in U. S. Moderate-priced tooling leathers, top quality calfskin, tools, supplies, kits. Send 10c for big catalog. J. C. Larson Co., 820 S. Tripp, Dept. 1291, Chicago 24.

FARMS—MISCELLANEOUS

Big Free Fall Catalog! Farm and country real estate bargains, good pictures, many states, easy terms, many equipped, businesses. For special service, state requirements, desired location. United Farm Agency, 2825-KF Main St., Kansas City 8, Mo.

Strout's New Fall Catalog just out! East and Midwest red cover; West Coast edition blue. Farms, Homes, Businesses, bargains galore. Either mailed free. Strout Realty, 20 West 9th St., Kansas City 8, Mo.

1923 Acres Yuma County, Colo. Improved stock ranch. 300 acres valley land in crop. Price \$58,000. Terms. Louis Miller, Frankfort, Ind.

OF INTEREST TO ALL

Outdoor Toilets, Cesspools, Septic Tanks cleaned, deodorized with amazing new product. Just mix dry powder with water; pour into toilet. Safe, no poisons. Save digging, pumping costs. Postcard brings free details. Burson Laboratories, Dept. H-81, Chicago 22, Ill.

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

Boots and Shoes—Highgrade, fancy, handmade Western Style. Made to your measurement. Latest catalog. Crichton Boot Company, El Paso, Tex.

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

Likes Alfalfa Silage For Deferred Calves

Alfalfa silage makes it easier to beat rainy weather with the crop than putting it up for hay. And it is cheaper to make silage out of alfalfa, says Edward Martin, Cherokee county, than to make it into hay.

For his deferred-calf program Mr. Martin particularly likes alfalfa silage. It is good growing feed, he says. He put up alfalfa silage 2 successive years by the wilting method. This year he has corn silage. He believes alfalfa silage works better for his program, comparing this year with the 2 previous years.

A year ago his 22 head of calves gained 480 pounds in 10 months, mostly on roughage and pasture produced on his farm. That gain was made without benefit of the usual 100 days full feed commonly used under the deferred system of beef production. Winter ration for the calves was alfalfa silage, 2 pounds of corn, a little prairie hay and a little alfalfa hay. Cattle seem to like a little dry hay to munch on when on a silage growing ration.

Expand Grass Reseeding

Southwest Kansas farmers have seeded more than 50,000 acres of spring-sown native grasses under the 1951 Agricultural Conservation Program. The Kansas State Production and Marketing Administration committee, Manhattan, comments 5 million pounds of beef can be produced annually on that acreage.

In Gray county, farmers have sown nearly 8,000 acres to native grass, of which about 6,000 acres was drilled and the remainder seeded by airplanes. Finney county has continued to expand its annual seeding with more than 23,000 acres sown to native grasses under this year's program. About two thirds of the acreage was seeded from the air, and about one third by drilling.

Other counties with between 2,000 and 5,000 acres seeded thru the current ACP program include Stevens, Hamilton, Comanche, Kearny, Meade and Ford.

Sets New Guernsey Production Record

J. L. Nelson, Wichita, has made a state champion record with his registered Guernsey cow, Beta's Bliss of C. D., with the American Guernsey Cattle Club. The cow's production record of 11,470 pounds of milk and 583 pounds of butterfat is the highest Herd Improvement Registry record for a junior 2-year-old in Kansas. "Bliss" was milked 730 times while on test.

Old Thresher Meeting

Wichita was host to the 1951 convention of the newly-formed Antique Engine and Thresher Association, August 9 to 11. Events of the meeting included saw milling with an antique 54-inch mill, threshing new wheat with a 1915 Rumeley 36 by 60 separator, and plowing with an 8-bottom John Deere plow made in 1910. More than 10 antique steam traction engines ranging in age from 1890 to 1932 supplied the power for the many unusual tasks at the convention.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$38.00	\$37.75	\$30.50
Hogs	21.25	22.50	22.35
Lambs	30.00	30.25	27.50
Hens, 4 to 5 lbs. ....	.25	.24	.23
Eggs, Standards .....	.52	.45 1/4	.36
Butterfat, No. 1 .....	.63	.63	.54
Wheat, No. 2, Hard ...	2.39 1/4	2.42 1/4	2.25 1/4
Corn, No. 2, Yellow ...	1.72	1.74 1/4	1.47 1/4
Oats, No. 2, White ...	.84 1/4	.90 1/4	.85 1/4
Barley, No. 2	1.29	1.28	1.35
Alfalfa, No. 1	30.00	30.00	27.50
Prairie, No. 1	19.00	18.00	13.50

FEATHERS WANTED

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

FARMS—KANSAS

W-1 Sec. 26-24-22 Bourbon Co., 320 A. Improved, 100 A. tillable, 100 A. pasture, good hay meadow; dwelling, large barn, double granary, steel bin, hen house, garage, milk house, cave; farm to market roads; electricity, telephone. \$80.00 per acre, terms if desired. Julius Wikus, 406 Columbian Bldg., Topeka, Kansas, Ph. 3-4443.

Complete Dispersal of the STATE SCHOOL FOR THE DEAF

REG. HOLSTEIN HERD

OCTOBER 2

at the farm 2 miles south
and 1 1-2 east of Court
House in OLATHE

40 HEAD—22 Cows in production.
16 Heifers, some bred heifers and
some heifer calves. 2 Bulls, mostly
Carnation and Heerche breeding.
These cows and heifers are large,
well developed to produce milk. Several
of the cows will be fresh before
sale day.

Lunch on the grounds.

Sale at 1:00 P. M.

C. A. Brink, Auctioneer

CARL DEMPSEY, Farm Manager
Olathe, Kansas, Route 3

MISSOURI HOLSTEIN BREEDERS

STATE SALE

at Ozark Empire Fair Grounds

Springfield, Mo.

October 12

(12 Noon)

Your chance to buy Fresh Cows, Bred Heifers and Calves, from Missouri's greatest herds, at prices you, yourself, help to establish.

65 HEAD SELL

For catalog and information write to

J. E. CROSBY, Jr., Secretary

113 Waters Hall Columbia, Mo.
Auctioneer—Bert Powell

HOLSTEIN DISPERSAL SALE

Herds of Norman Johnson and Baker Bros. of Hays, Kansas

Monday, Sept. 17—12:30 P. M.

For your convenience, sale will be held at

Hays Sales Pavilion

53 HEAD SELLING

14 head, about to freshen, 6 registered.

4 head, to freshen before Dec. 15—1 reg.

15 head of Cows in milk—2 registered.

1 three-year-old Bull, Triune breeding, one

of the best bred bulls in Western Kansas.

16 head of Bred and Open Heifers with good

type and production (2 registered).

3 head of young Bulls up to serviceable age.

4 of the above registered females are con-

signed by Gothard Holstein Farm, Den-

ver, Colo.

The 3 young Bulls are consigned by Higher

View Dairy Farm, Hays, Kan.

For information write or call

EDMOND E. FELLERS, Sales Mgr., Hays

Auctioneer: Arch Gothard

Ringmen: Pete Rohleder and Ott Rohleder

LAKEVIEW AYRSHIRE FARM

DISPERSAL October 4

This sale features 100 Registered Ayrshires on official herd test—Th. and Bang's tested. Dairy Equipment and Feed.

42 Daughters and 1 Son of Blue Boy's Nifty Boy, double approved. His 10 daughters in milk produced 11,599 lbs. milk with 4.03% test making 468 lbs. fat. 7 other approved Sires represented.

Herd Consists of

3 Herd Sires—62 Cows and first calf Heifers—20 Open Heifers, 14 Heifers and 1 Bull Calf. All cattle bred on farm are calfhood vaccinated.

For catalog contact owners or sale manager. H. E. REEDER, Owners, R. W. BOYER, Route 1, Lakeview, Ohio

Sale managed by Ohio Ayrshire Sales Service, FRANK DICKE, Manager, 116 North Main St., New Bremen, O.

Dual-Purpose CATTLE

9th Annual Nebraska

Milking Shorthorn Sale

AT

Fairbury, Nebraska

October 22, 1951

45 Head of Select Breeding

Cattle

15 Bulls and 30 Females

Sale will start at 1:00 P. M.

For catalog write

Max Kimmerling, Secretary
BEATRICE, NEBRASKA

OFFERING

RED POLL BULL

Calved November 20, 1950. His dam is a good-uddered Teddy Supreme, Jr., cow and he is sired by Rusty Monarch, whose dam has a butterfat record well over 400 lbs. He is a very big calf for his age. Priced right.

HERMAN SIEMENS, Buhler, Kan.

LOCUST DELL FARM

MILKING SHORTHORNS

Red and roan bulls from calves to serviceable age, best of bloodlines. LOUIS MISCHLER, Bloomington (Osborne County), Kansas.



KOCH'S NIGHT SALE OF CHESTER WHITE HOGS

Sale at the
Marysville, Kansas
Sales Pavilion on
Monday Night, October 8
Time 7:30

40 HEAD—25 Boars and 25 Gilts

They are sired by Tip Top Keystone, a littermate to the 1950 Indiana Junior Champion; some by Chief 1ST by Modern Chief; Pay Day by Grand Master, sire of many prize winners. We have new blood for old customers.

A Most Desirable Sales Offering

The offering is uniformly good. Many who have seen them say it is the best we have ever sold. Come see them before the sale. You will return and buy one or more head if you like the type in demand today. Farm Location—6 miles west of Marysville, Kansas, on 36 highway and 2 miles north. This is a Cholera immune registered offering.

For sale catalog write to
ROY KOCH, Bremen, Kansas
Auctioneers—Bert Powell and Wilbur Peters

POLAND CHINA SALE

September 24, 1951

at the farm near
Spring Hill, Kan.

40 HEAD of REG. POLAND CHINAS

34 Spring Boars and Gilts sired by Manchu's Pride by Manchu, All Black by Double B. the N. L. Farmer boar. They are the long bodied, smooth stylish kind and contain some of the most outstanding individuals that will sell this fall. 6 Sows bred to All Black for fall litters. Following the Poland Sale we will sell 12 head of registered Milking Shorthorns, sired by Rosecroft Prince 6th. Fredrick Edgewood Rocket and Elmridge Lindy. Cows with calves by side and Bred Heifers.

GLENN F. WISWELL & SON, Spring Hill, Kansas

SPOTTED POLAND CHINA SALE



Wed., October 3, 1951
at Leona, Kansas

in the Leona Hardware Warehouse

**40 Head of Registered Spotted Poland China
SPRING BOARS AND GILTS**

Sired by Eliminator-389073, the Elmer Hahn boar. Abilene Ike-420183, the J. V. Cundiff boar. Successor and Citation, the John Zuerl boars. Dams by Maplehurst Diamond, 5 Spot, Silver Dream, Parker's Thick King and others.

Write to owners for catalog

CHESTER PARKER & SONS

Leona, Kansas

Auctioneer: Mike Wilson

Mike Wilson for Kansas Farmer

THE KANSAS HAMPSHIRE HOG BREEDERS' ASSN.

**5TH ANNUAL
CONSIGNMENT SALE**

of Bred Gilts, Spring Boars and Open Gilts.
Immediately following the Hampshire judging
Tuesday Afternoon, Sept. 18



at the Kansas State Fair, HUTCHINSON, KANSAS
This offering will consist of hogs selected from the leading herds in Kansas. Many of the sale animals will be show prospects and will be exhibited at the fair. Those of you who have not made your entries do so to

Carl G. Eling, Sec.-Treas. and Sale Mgr., Manhattan
Col. Bert Powell, Auctioneer

Mike Wilson for Kansas Farmer

TOP QUALITY POLAND CHINAS

You Will Find Top Quality Pigs in Our Annual Fall Sale

Wednesday, October 10, 1951 — Fairbury, Nebr.

Sale to be held at Fairgrounds, Fairbury, Nebr.

(Just over the line in Nebraska.)

40 SPRING BOARS SELL

We have 150 Pigs to select from sired by

ADVANCE, by Lure — ARISTOCAT, by Crossfire — JEFFERSONIAN, by Stoplight
If you are looking for top quality Polands from a prolific, top quality sow herd, attend this sale.

BAUER BROS., Gladstone, Nebraska

Carl McIntyre, Auctioneer

Public Sales of Livestock

Aberdeen-Angus Cattle
November 3—Green Valley's "T.V." Sale, Liberty, Mo. George DeHaven, Owner, 526 Law Bldg., Kansas City, Mo.
November 7—Kansas State Aberdeen-Angus Breeders Sale, State Fairgrounds, Hutchinson, Kan. Don L. Good, Secretary, Manhattan, Kan.
November 9—"The Humeston Breeders Registered Consignment Sale," Humeston, Ia. Donald J. Bowman, Sales Manager, Humeston, Ia. Donald J. Bowman, Sales Manager, Humeston, Mo.
December 10—Commercial and Purebred Angus Sale, Dodge City, Kan. Don L. Good, Secretary, Manhattan, Kan.

Ayrshire Cattle
October 4—Lakeview Ayrshire Farm, Lakeview, O. Ohio Ayrshire Sales Service, Frank Dicke, Manager, 116 North Main St., New Bremen, O.
November 1—Kansas Ayrshire Production Sale, El Dorado, Kan. G. Fred Williams, Sale Manager, Hutchinson, Kan.

Brown Swiss Cattle
October 17—Tri-State Sale at Topeka, Ross W. Zimmerman, Sale Manager, Abbeyville, Kan.

Guernsey Cattle
September 20—Feess-Paramount Dispersal, Parsons, Kan.
October 19—Ninth Annual Kansas Guernsey Breeders Consignment Sale, Fairgrounds, Hutchinson, Kan. C. J. Graber, Secretary, Rt. 1, Newton, Kan.

Hereford Cattle
September 25—Blue Grass Breeders' Association Show and Sale, Princeton, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.
October 3—The 4th Humeston Registered Consignment Sale, Humeston, Ia. Donald J. Bowman, Sales Manager, Hamilton, Mo.
October 4—W. A. & M. Louise Williams, Fulton, Mo.
October 12—Dean Jacobs & Max Worden, Dispersal Sale, Mt. Ayr, Ia. Donald J. Bowman, Sales Manager, Hamilton, Mo.
October 13—CK Ranch, Brookville, Kan.
October 20—O'Bryan Ranch, Hiattville, Kan.
October 22—Beeks & Cleland, Baldwin, Kan.
October 29—Pikes Peak Cattle Growers' Association Sale, Colorado Springs, Colo.
October 29—Mousel Bros., Cambridge, Nebr.
October 30—North Central Kansas Hereford Sale, Dr. George Wreath, Sale Manager.
October 31—Bob White Hereford Farm, Enterprise, Kan.
November 1—Flint Hills Association, Cottonwood Falls, Kan.
November 2—Central Kansas Polled Hereford Association Show and Sale, Herington, Kan. O. J. Shields, Sale Manager, Lost Springs.
November 3—Jesse Riffel & Sons, Enterprise, Kan.

November 5—Frank R. Condell's Dellford Ranch, El Dorado, Kan.
November 7—Lincoln County Hereford Association, Sylvan Grove, Kan.
November 7—Cowley County Hereford Breeders, Winfield, Kan.
November 9—Midwest Polled Hereford Association, Deshler, Nebr.
November 10—Al Schuetz and William Belden, Horton, Kan.
November 10—W. H. Tonn & Son, Haven, Kan.
November 12—Sunflower Futurity, Hutchinson, Kan.

November 12—The 3rd Pony Express Registered Consignment Sale, South St. Joseph, Mo. Donald J. Bowman, Sales Manager, Hamilton, Mo.
November 14—Osage Valley Registered Consignment Sale, Osceola, Mo. (Sale at KB Ranch, Leoni, Mo.) Donald J. Bowman, Sales Manager, Hamilton, Mo.
November 14—K Ranch, Hutchinson, Kan.
November 17—O'Bryan Ranch, Hiattville, Kan. (Polled)

November 20—Central Kansas Polled Hereford Association, Herington, Kan.
November 21—Jesse Riffel & Sons, Enterprise, Kan. (Polled)
November 26—Sumner County Hereford Breeders Sale, Wellington, Kan. R. M. Mattingly, Secretary, Caldwell, Kan.
November 27—Mathison Bros., Natoma, Kan.
November 28—WHR Royal Tredway 9th Sale, Oakley, Kan.

December 3 and 4—Mulyane Hereford Ranch Dispersal, Topeka, Kan.
December 7—South Central Kansas Hereford Association, Newton, Kan. Phil Adrain, Secretary, Moundridge, Kan.
December 8—A. R. Schlickau & Sons, Haven, Kan.
December 10—Kansas Polled Hereford Sale, Hutchinson, Kan.
February 5—Kansas Range Bull Sale, Dodge City, Kan.
February 9—Dickinson County Hereford Breeders' Association, Abilene, Kan.
February 14, 1952—Kaw Valley Hereford Association, Manhattan, Kan. Bass Powell, Sale Manager, Manhattan, Kan.
February 22—Sam Gibbs, Clay Center, Kan.
April 12—Kansas Hereford Association, Horton, Kan.

Polled Hereford Cattle
October 4—W. A. & M. Louise Williams, Fulton, Mo.
November 20—Central Kansas Polled Hereford Association, Herington, O. J. Shields, Sale Manager, Lost Springs, Kan.
November 21—Jesse Riffel & Sons, Enterprise, Kan.

Holstein Cattle
September 17—Norman Johnson and Baker Bros., Hays, Kan.
September 27—Clyde Coonse & Son Dispersal, Horton, Kan. T. Hobart McVay, Sale Manager, Nickerson, Kan.
September 27—John Thomas, Mt. Ayr, Ia. Claud E. Wylam, Sales Manager, Waverly, Ia.
October 2—Dispersal Sale, Kansas State School for the Deaf, Olathe, Kan. Stanley D. Roth, Superintendent.
October 8—Nebraska State Holstein Association Sale, Lincoln, Nebr. Merle Severe, Palmyra, Chairman Sale Committee, T. Hobart McVay, Sale Manager, Nickerson, Kan.
October 8—Nebraska State Holstein Association, Lincoln, Nebr. Merle Severe, Palmyra, Chairman Sale Committee, T. Hobart McVay, Sale Manager, Nickerson, Kan.
October 10—Kansas State Holstein Association Sale, Abilene, Kan. Grover Meyer, Chairman of Sale Committee, Basehor, Kan.
October 26—Central Kansas Holstein Consignment Sale, Hutchinson, Kan. T. Hobart McVay, Sale Manager, Nickerson, Kan.

Jersey Cattle
September 17—Ridge Run Farm (J. K. Burney, Owner), Aurora, Mo. Laurence Gardner, Manager, 1863 Cowden Ave., Memphis 4, Tenn.
October 11—Byler & Weir Production Sale, Hutchinson, Kan.
October 15—Kansas Jersey Cattle Club State Sale, Manhattan, Kan., at Kansas State College, Ivan N. Gates, Sale Manager, West Liberty, Ia.

Red Poll Cattle
October 26—Kansas-Missouri Red-Poll Sale, Free Fair Grounds, Topeka, J. E. Loeppke, Secretary, Penasola, Kan.

Milking Shorthorn Cattle
October 22—Nebraska Milking Shorthorn Breeders' Association Sale, Fairbury, Nebr. Max Kimmerling, Sale Manager, Beatrice, Nebr.
October 31—Milking Shorthorn Consignment Sale, Hutchinson, Kan. C. O. Heidebrecht, Sale Manager, Inman, Kan.
November 8—McPherson County Milking Shorthorn Sale, Moundridge, Kan. C. O. Heidebrecht, Sale Manager, Inman, Kan.

All Breeds Cattle
November 9—Ottawa County All-Breed Sale, Minneapolis, Kansas. Louis Cooper, Sale Manager, Minneapolis, Kan.

Private Sale DISPERSION of my Duroc Herd

Result of 47 years breeding top quality and blood of Duroc breed.

Gilts bred to Model Pacemaker boar—Wesley Miller of Montpelier, Ohio, states near perfection in type and quality, some to Stylis Leader—Bosingham says he is a duplicate of his Leaders Pride—a \$1,510 boar. Spring pigs by our proven sires since 1946 and out of top sows. If possible come make your own selections. If not will describe as I see them. Prices right. Loss of health makes it imperative that I sell. Everything double insured. Will record all certificates to you. Crate and deliver FOB Lyons.

Thanking you for past support in my 47 years and I know have best ever to offer—you come see. Yours for better Durocs.

G. M. SHEPHERD
Lyons, Kansas

Kansas State Poland China Breeders Annual Boar & Gilt Sale October 24, 1951

Fair Grounds
Hutchinson, Kansas
50 HEAD

Spring boars and gilts selected from the states leading herds.

For information and catalog contact
K. C. WIDLER, Berns, Kansas
Mike Wilson, Auctioneer

BUY MISSOURI POLAND CHINA HOGS at Auction October 6

Sale held at the farm 12 miles northeast of Leavenworth, Kansas, and 5 miles east of

Platte City, Mo.

30 Boars and 30 Gilts Sell

We offer you the kind that has made our herd popular over a period of many years. Boars and gilts sell that made up our 1951 show herd. We have 7 blue and 6 champion ribbons at the 1951 Missouri State Fair including the grand champion sow, junior champion gilt, 1st get of sire and many others. For practical Polands that both breeder and farmer like attend this sale. Let us send you a sale catalog.

Write
N. L. FARMER & SON, Platte City, Mo.
Auctioneer—Harry Duncan

SPOTTED POLAND CHINA BOAR and GILT SALE Fairbury, Nebraska

at the fairgrounds

Thursday, October 18

The Farmers Kind for the Farmer
There will be prize winners from the Nebraska and Kansas fairs.

WAYNE L. DAVIS
MAHASKA, KANSAS

BERKSHIRE DISPERSION OCTOBER 25

1:00 P. M.

WICHITA, KANSAS

Sale to be held at the Horse and Mule Barn.
Selling more than 100 Head

The sensational sire Miami Son, sells, as well as his get and services. Bred sows, sows and litters and gilts sell. See our show herd at the Kansas State Fair.

Write for catalog.

MURRAY HILL FARMS
Valley Center, Kansas

JAYHAWK FARM DUROCS

The Home of State and National Winners

In this herd you will find the most of the best Spring Boar pigs for sale.

RALPH SCHULTE
LITTLE RIVER, KANSAS

• AUCTIONEERS •



HAROLD TONN

Auctioneer and Complete Sales Service

Write, phone or wire
Haven, Kansas

ANNUAL NORTH CENTRAL KANSAS DUROC BOAR and GILT SALE

DUROCS GROW FASTER ON LESS FEED

Saturday, October 13
at the fairgrounds
Belleville, Kansas

Show at 10:00 — Sale at 1:00
30 Boars—30 Open Gilts
From 33 leading herds

Tom Sullivan, Auct.—George Maahs, Judge
For sale catalog write to
MELVIN MORLEY, Sales Mgr., Belleville

DUROC SALE
at the farm, on
OCTOBER 20, 1951
50 HEAD
25 Boars and 25 Gilts
All sired by Eureka and Golden Monarch.

Willis Huston, Owner
AMERICUS, KANSAS

U. S. CENTER Duroc Assn. Show & Sale
at
Osborne, Kansas
October 9, 1951

Will Sell 60 Real Boars and Gilts
Durocs in this section sell very reasonable.

Write for catalog to
VERN ALBRECHT
Sales Manager
SMITH CENTER, KANSAS
Tom Sullivan, Auctioneer

REGISTERED DUROC SALE
September 27
Sale at 1:00 P. M. at the fairgrounds
Paola, Kansas

17 BOARS AND 26 GILTS

The offering is of medium type, good red color. Good length and plenty of width. Sired by Niraland Type. One litter by Super Wave Master, 1950 reserve champion of Indiana. Free breeding privilege to 4-H and FFA members who purchase gilts at this sale.

ALLEN KETTLER
PAOLA, KANSAS

DUROC BOAR & GILT SALE
October 12, 1951
(Night Sale)
Fairbury, Nebraska
at the fairgrounds

The farmers kind for the farmers. There will be prize winners from the Nebraska and Kansas fairs.

Wayne L. Davis and Vern L. Hardenberger

Oakdale Yorkshire Farm
SELL AT
Downs, Kansas
October 6, 1951
Sale Starts at 1:30 P. M.
25 CHOICE BOARS and 25 CHOICE OPEN GILTS

Most of this offering are from Advance Registry dams. They are well grown and in best condition. The junior champion boar of the Missouri State Fair 1951 also sells in sale, also several other State Fair winners.

If you want something good in Yorks be with us sale day. We are sure we can please you.

For catalog write
CHAS. BOOZ & SON
Auct.: Dwain Clark Portis, Kan.

Shorthorn Cattle
September 17—Gregg Farms Dispersion by W. H. Hargus Land and Cattle Co., at Silver Top Farms, Belton, Mo. Mervin F. Aegerter, Sales Manager, Seward, Mo.
September 18—Tomson Bros. Wakarusa, Kan.
September 28—Hartley Stock Farms, Baxter Springs, Kan. Mervin F. Aegerter, Sales Manager, Seward, Mo.
September 29—J. L. Early, Carl Junction, Mo. Mervin Aegerter, Sales Manager, Seward, Mo.
October 4—National Shorthorn Sale, Omaha, Nebr. American Shorthorn Breeders' Association, Managers, 7 Dexter Park Ave., Chicago 9, Ill.
October 19—Range Bull Show and Sale, Broken Bow, Nebr. American Shorthorn Breeders' Association, Managers, 7 Dexter Park Ave., Chicago 9, Ill.
October 25—North Central Kansas Shorthorn Breeders, Beloit, Kan. Ed Hedstrom, Secretary, Marysville, Kan.
November 7—Mid-America Breeders Sale, Paducah, Ky. Don Longley, Manager, 18 South Locust St., Chicago 9, Ill.
November 8—Kansas State Polled Shorthorn Sale, Hutchinson, Kan.
November 9—Kansas State Horned Shorthorn Sale, Hutchinson, Kan.

Polled Shorthorn Cattle
October 4—National Polled Shorthorn Sale, Omaha, Nebr. American Shorthorn Breeders' Association, Managers, 7 Dexter Park Ave., Chicago 9, Ill.
October 22—Missouri Breeders' Association, Sedalia, Mo. Rollo E. Singleton, Secretary, Jefferson City, Mo.

Chester White Hogs
October 8—Roy Koch, Bremen, Kan. (Night Sale at Marysville.)
October 20—Elmdale Farm (Eldon L. Mosler), Oswego, Kan.

Duroc Hogs
September 26—Sasnak Dispersion, White Cloud, Kan.
September 27—Peppard Farms, Lawson, Mo.
September 27—Allen Kettler, Paola, Kan.
September 28—John W. Simpson & Sons, Edgerton, Mo.
October 4—Kansas Duroc Breeders' Association, Horton, Kan.
October 9—Boar and Gilt Sale, U. S. Center Duroc Association, Smith Center, Kan. Vern V. Albrecht, Sale Manager, Smith Center, Kan.
October 12—Wayne L. Davis and Vern L. Hardenberger, Fairbury, Nebr. (Night sale).
October 13—NCK Duroc Sale, Belleville, Kan. Dr. George Wreath, Sale Manager.
October 17—Willard Waldo, DeWitt, Nebr.
October 20—Willis Huston, Americus, Kan.
October 22—(Night) Fred Farris, Fayette, Mo.
October 23—Kansas Duroc Breeders' Association, Abilene, Kan.
February 9—Bred Sow Sale, Vern V. Albrecht, Smith Center, Kan.

Poland China Hogs
September 24—Glenn Wiswell, Spring Hill, Kan.
October 6—N. L. Farmer, Platte City, Mo.
October 10—Bauer Bros., Gladstone, Nebr. Sale at Fairbury, Nebr.
October 22—C. R. Rowe & Son, Scranton, Kan. (Night Sale) at Osage City.
October 24—Kansas Poland China Breeders' Association Sale, Hutchinson, Kan. Ray Saylor, Sale Manager, Big Springs, Kan.

Spotted Poland China Hogs
October 18—Wayne L. Davis, Mahaska, Kan. Sale at Fairbury, Nebr.

Yorkshire Hogs
October 5—Kansas Chester White Breeders Association, sale at Hiawatha, Kan. DeLaine Hinkle, Sale Manager.
October 6—Charles Booz & Son, Portis, Kan. Sale at Osborne, Kan.

HOGS
DUROC BOARS—REAL HE
Individuals with quality plus breeding. Many weighing 300 lbs. now. Prices reasonable.
VERN V. ALBRECHT, Smith Center, Kansas

KNELLVIEW DUROCS
Offering Spring Boars—long, deep bodied, heavy boned, good headed kind. Immune, registered. New bloodlines. Farm 9 miles east of Carthage on 66 and 3 miles north.
ED & FRANK KNELL, Rt. 1, Carthage, Mo.

HAVEN HOLLOW DUROCS
Now offering Spring Boars and Open Gilts by Stylish Wonder and Low Diamond 2nd. These boars and gilts are of the best bloodlines, registered, immune and guaranteed. Write or see **G. F. GERMANN & SON, Manhattan, Kansas**

ROEPKE DUROC FARM
Quality Spring Boars and Gilts
Best we ever raised. Sired by 4 leading sires. Also a litter of 9 by "The All American." All registered and vaccinated.
ARTHUR E. ROEPKE, Waterville, Kan.

MARTIN OFFERS DUROC BOARS
Offering a good selection of Reg. Spring Boars sired by The 49er, Modern Trend and Top Man. Inquire of **EARL MARTIN & SON, DeKalb, Mo.**

REG. SPOTTED POLAND CHINAS
Choice March and first of April Boars and one good yearling boar. Double immune. Priced to sell.
J. V. CUNDIFF (4½ ml. north) Talmage, Kan.

HORSES—JACKS
FOR SALE: Team of Registered
BELGIAN MARES
Red sorrels, well mated and broke. 3 and 7 years old. They are State Fair winners. Price \$250.
NATHAN KUNTZ, Route 1, Abilene, Kansas

SHEEP
REGISTERED
Shropshire Yearling Rams
A big bunch of big rams.
D. V. SPOHN, Superior, Nebraska
CHAPPELL'S SHROPSHIRE
We offer for sale an excellent lot of yearling rams and ewes. Write or come see them. Farm on all-weather road.
CHAPPELL'S FARM, Green Castle, Mo.

Excellent Selection of Big Rugged
REG. SHROPSHIRE RAMS
Priced at \$60 and \$70—inspection and correspondence invited.
W. A. LYTLE, Wellsville, Kansas

Kansas Duroc Breeders Assn. SHOW & SALE
October 4, 1951
Horton, Kansas

65 HEAD OF SPRING BOARS and GILTS
Selected from the leading breeders herds in Kansas. This offering is chosen for its popular bloodlines and individual merits. A show will be held in the morning with Harvey Deets of Gibbons, Nebr., as judge at 9:00 A. M.

The sale will be at 1:00 P. M.

Those wishing catalogs and other information should write or contact
HERMAN POPP, Secretary of the
Kansas Duroc Breeders' Association, Haven, Kansas
Tom Sullivan, Auctioneer Mike Wilson for Kansas Farmer

DUROC DISPERSAL SALE
This Sale Is Being Held to Dissolve Partnership
September 26th
at the farm, at
White Cloud, Kansas

3½ miles west of town on all-weather road. 8 miles east of Hiawatha on 36 Highway, then 8 miles north.

8 Tried Sows—33 Boars—40 Gilts—25 Fall Pigs
There will be litters by Scarlet Trend, Peppard's Top Quality, Distinction and Red Wave Line, the 1951 Iowa Champion. Also litters by Super Wave Master and Modern Spotlight. Trademark the Kansas grand champion boar also sells.

At 10:30 a. m. we will sell some farm machinery and equipment. At 12:00 we will sell 25 head of high grade Holstein and Jersey cattle. 14 Cows in milk or to freshen soon. Immediately following the cow sale we will open the Registered Duroc Sale, Sas-nak Farm.

E. S. PARSON, Owner, Hiawatha, Kansas
and J. L. GRAVES, Farm Manager, White Cloud
Auctioneers: Bert Powell and Tom Sullivan Mike Wilson for Kansas Farmer

SIMPSON'S DUROC SALE
SEPTEMBER 28
at farm 1 mile east and 1 mile north of
EDGERTON, MISSOURI
or 30 miles north of Kansas City, Mo., on highway 169, or 30 miles southeast of St. Joseph, Mo.

40 BOARS and 35 GILTS SELL
Many sired by our outstanding boar, Liberator, pictured here. Several by Super Model and others by outstanding boars of the breed. Remember our Durocs fit the need of both breeder and farmer. See this offering. They will suit the critical buyer.

For catalog write to
JOHN W. SIMPSON & SONS, Edgerton, Mo.

A GOOD PLACE TO BUY BROWN SWISS
Will Be at Topeka, Kan., on October 17 in the
Fifth Annual Tri-State Sale

45 FEMALES and 5 BULLS SELL. In this auction you can buy cows and heifers in production, bred cows, bred heifers, open heifers and heifer calves. These females are desirable type, best of bloodlines and from good production ancestry. The bulls are from dams with 500 lbs. of butterfat or more and the type and breeding that will appeal to critical buyers.

Consignments from leading herds of Kansas, Nebraska and Missouri.

For sale catalog contact **ROSS ZIMMERMAN, Secretary, Tri-State Brown Swiss State Assn.**
Route 1, Abbyville, Kan.

Auctioneers: Bert Powell, Charles Cole Mike Wilson with this publication

40 BOARS AND GILTS OF HIGH LEVEL QUALITY

PEPPARD'S DUROCS

Sire Peppard's Quality Sire Peppard's WaveMaster

SALE SEPTEMBER 27th

Sire SUPER WAVEMASTER

WRITE MRS. J. L. PEPPARD FOR SALE CATALOG
PEPPARD FARMS 3½ MILES S. E. LAWSON, MO.

COMPLETE DISPERSAL

of the

Clyde Coonse & Son Herd of Reg. Holsteins

Selling at the Farm (under cover)

Thursday, Sept. 27, 1951

47 Head Selling



This dispersal is deemed necessary because of the tragic death of the son, Samuel Coonse, only a few days ago. They were purchased to keep, and develop a real herd of Holsteins.

Farm located 1 mile east of Hi-way 159 or 2 1/2 miles north of Muscotah, or 6 miles southeast of Horton.

The Offering Includes 11 Head of Maytag Farm Bred Animals:

Man-O-War Fobes Eden Girl, 738.4 fat, 4 yr. AR and she made 535 fat last year. She sells with her year old heifer by Maytag Ormsby Fobes 4th, he (Ex.) and from Mt. Riga Ormsby Jem 886 fat.

Maytag Ormsby Fobes Agnes, GP at 2 years an own daughter of Maytag Ormsby Fobes, VG, Gold Medal, and she is due at sale time.

Pansy Korndyke Ormsby Fobes (Very Good), 482 fat, 2X, due sale time. Her baby heifer purchased by Adams Acres in the Maytag dispersal.

Maytag Dictator Sunnyside Lassie, 548 fat 3X, she sells with her daughter by Dean Deluxe 2nd. They combine the best of the Lassies and the heart of the Sunnysides.

All the cows except 2 carry the service of the herd sire (selling) Maytag Dean Deluxe 2nd. He being a maternal brother to the \$6,500.00 Dictator Sunnyside Fobes, 764 fat, 2 year. Another maternal sister is a full sister to "Dictator 52nd." The dam of Dean Deluxe 2nd is Bess Ormsby Fobes Sunnyside DeKol 1923655 with 883.6 fat.

In addition to the Maytags, the Rag Apples Sell

Including 7 granddaughters of Raymondale Ideal Successor, being daughters of Rex Creamelle Ideal, well and favorably proven son of Successor. His dam is a maternal sister to Creation Rag Apple Favorite with 1,163 fat.

These were many of the tops in the T. A. Burgeson, dispersal, June, 1950. They now sell with their offspring, including 2 daughters of Abbey Sovereign (son of Sovereign), a daughter of Thamesview Monogram Pirate sells. He is a full brother to Elmcroft Monogram M (Very Good) 683 fat.

Piebe Pontiac Astrea sells, GP, 667.9 fat 4.2%; she made 550 last year. She sells with her daughter Tabur Ideal Hope, and a son of Abbey Sovereign.

Some of the nicest things in the herd have come from the Phillips Bros. herd, including Valla Vista Boon Supreme Nine, selling, with 3 daughters and their offspring.

The cattle are in good condition, the herd records are as complete as humanly possible. Most of the animals have been calfhood vaccinated. A few are officially adult vaccinated. Here is a herd founded and purchased for the future, and they sell to you, only because of the circumstances that no one can foresee.

Everything will be tested within 30 days of sale. Individual health papers, catalogs will be out only a few days before the sale.

Clyde Coonse, Owner, Horton, Kan.

T. Hobart McVay, Sale Manager, Nickerson, Kansas

Cole and Wilson, Auctioneers

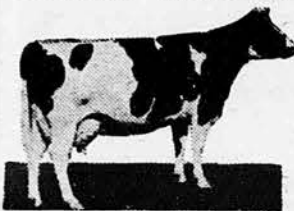
JOHN THOMAS HOLSTEIN DISPERSAL

SALE JUST OVER THE MISSOURI-IOWA LINE
100 MILES NORTHEAST OF KANSAS CITY, MO.
Sale Held at

MT. AYR, IOWA, on

THURSDAY, SEPTEMBER 27

44 HEAD SELLING



20 Cows of Production Age, some springers, some fresh. 14 Heifers from baby calves to yearlings. 4 Big Bred Yearlings and 2-Year-Olds. 6 Bulls, 2 herd sires, 2 yearlings and 2 bull calves.

BUY FROM IOWA'S HOME OF THE "ROCKS"
"Rock" Features—All Selling, 10 granddaughters of Rock River Hengerveld Al, "Excellent" and "Gold Medal." All mature cows with 2x HIR records from 500 to 675 B.F. Selling 30 head of line bred "Rocks" carrying from 1 to 6 crosses. Both herd sires have 2 crosses of "Rock." This is the richest concentration of Clyde Hill breeding ever seen in a dispersal in the Midwest.

HERD SIRE:
Clyde Hill Bess Hengerveld Pearl (former herd sire) with DHIA increase of 186 lbs. of fat. He is "Rocks" highest proven son and highest selling son. Clyde Hill King Fobes Piebe 9th (in service and selling) a double grandson of "Rock" now being proven. A sire of Excellent udders. Many daughters selling. Sensation King Piebe (a 2-year-old in service and selling). A top show bull and 1st at 1951 Iowa State Fair. Many times a champion. A son of "9th" from Dunlagan show cow with lifetime average of over 500 lbs. B. F. on 2x. Regal Burke Gold (former herd sire) a home bred Regal son that has several daughters selling all from "Rock" dams. **HERD HISTORY:**—Herd established 1926. Herd average all ages past 5 years 470 pounds B. F. on 2x HIR under ordinary farm conditions. This is one of the top farmer-breeder herds in the Middle West. Health—Every animal calfhood vaccinated for 10 years. Health charts for interstate buyers.

For sale catalog write to **CLAUDE E. WYLAM, Sales Mgr., Waverly, Ia.**
Auctioneer—Bert Powell, Topeka, Kan.

BYLER & WEIR REGISTERED JERSEY SALE

SALE AT 12:30 P. M.

Hutchinson, Kansas

October 11

25 Cows mostly fresh or heavy springers.

12 Bred Heifers and 5 Top Heifer Calves

Cows with records from 450 to 600 lbs. Daughters of the following Superior Sires, Brompton Violet Pinn, Longfield Jester of Oz, Mission Hills Pinnacle and Standard Pompous: Granddaughters of Draconis Royal Gem, Sparkling Standard Sir and Zinnia's Advancer.

For catalog write either **J. LAWRENCE BYLER, Wellington, or JOHN WEIR, Jr., Geuda Springs, Kan.**

Charles Cole, Auctioneer



IN THE FIELD

MIKE WILSON

Topeka, Kansas
Livestock Editor

E. C. LACY, Shorthorn breeder of Miltonvale, writes that demand for his surplus breeding stock has been very great this past summer. Mr. Lacy is a frequent advertiser in Kansas Farmer. He says that it is really getting the job done for him. The Lacys for many years have been producing the right kind of registered Shorthorns on their Clay county farm.

A registered Jersey owned by **A. LEWIS OSWALD**, Hutchinson, has been rated as a Tested Dam by the American Jersey Cattle Club. The distinction was awarded Eagle's Winifred of Oz for having 3 offspring with official production records. The cow's progeny averaged 9,182 pounds milk and 510 pounds butterfat on twice daily milking, mature equivalent basis.

LOT TAYLOR, of Kansas State College, who for some time has been secretary of the **KANSAS SHORTHORN BREEDERS' ASSOCIATION**, reports that plans are well under way for their big annual sale at Hutchinson this fall. Mr. Taylor is now accepting entries for this sale. The sale committee urges that all breeders who wish to consign to this sale should enter only top quality cattle.

JOHN LUFT, president of the **KANSAS POLLED HEREFORD ASSOCIATION**, reports winds, weeds and water have been raising havoc out around LaCrosse, but the grass has been growing, which aids in the good production of Kansas Polled Herefords. Mr. Luft has been spending much time on his ranch with his herd of cattle. We will more than likely be hearing more from Mr. Luft in the near future.

HERMAN POPP, Duroc breeder of Haven, also secretary of the **KANSAS STATE DUROC BREEDERS' ASSOCIATION**, advises us that his association is now planning 2 breed promotional sales to be held in the state during the month of October. The sale committee has decided to hold one sale at Horton and the later sale at Abilene. This program was followed a year ago and the result of the 2 events was most satisfactory. Herman, a lifelong breeder of the red hogs, gets a lot of enjoyment and satisfaction from serving his organization.

Word comes from **T. R. CANTWELL & SON**, Sterling Shorthorn breeders, that cattle business is on the boom in that territory. Beside selling a number of bulls recently thruout Kansas, the Cantwells are winning many championship ribbons on their good purebreds. At the recent Reno County Stock Show this firm showed the champion female of the show, also the 1st prize pair of females. This is the 4th straight year this breeding establishment has exhibited the champion female at this show. Mr. Cantwell says feed crops in his section of the country look very good at this time. Pastures are in the best condition they have been in for years.

In spite of heavy rain and flooded highways, several hundred Hereford breeders and farmers managed to attend the **DAVIS STOCK FARM HEREFORD DISPERSION SALE**, at Derby, September 5. About 160 head of cattle were sold. The top cow in the sale, a 5-year-old daughter of T. Juan Rupert 22nd with heifer calf at foot, sired by Royal Return, brought \$1,160 on the bid of F. F. Bower, Sharon. A \$1,025 bull top was made when C. W. Clymer, Pershing, Okla., gave that price for an April 3rd yearling son of Royal Return. C. W. Ridgeway, Tonganoxie, was the heaviest buyer, taking a number of young cows with calves at foot, also several of the bred heifers. Colonel Gene Watson and G. H. Shaw worked in the box.

J. J. HARTMAN and son, **CONRAD**, were hosts to a large number of Poland China breeders and farmers who attended the production sale at their farm south of Abilene. There was no doubt this was one of the top offerings that the Hartmans ever produced. Bred gilts, spring boars and gilts made up the offering of around 40 head. The bred gilts sold from \$200 down. C. R. Rowe, of Scranton, purchased the \$200 gilt. Spring boars sold from \$160 down to \$60 a head. Albert Morgan, young Poland China breeder of Alta Vista, was the successful bidder on the top boar. This pig was a son of Santa Fe, the boar that is making history in the C. R. Rowe & Son herd. Prices received for this offering was very satisfactory. Mike Wilson sold the offering.

When you think of the name **HOBART McVAY** you very quickly associate it with Holstein cattle and also the management of Holstein sales. Hobart is building one of the good herds of Holsteins in this state. He is very carefully following the lines of breeding and production ability of the animals he retains in his breeding herd. Along with that he has very successfully managed a large number of the breed's best sales thruout the Midwest. Mr. McVay called at this office recently. He is now making plans for a series of registered Holstein sales, which he will handle this fall. Among those are the Kansas Holstein Sale and the Nebraska Holstein Sale, which at this time look like there will be more quality cattle for the buyers to purchase than ever before. Any one interested should get in touch with Mr. McVay.

SEVERAL HOLSTEIN COWS and 3 Holstein herds recently **COMPLETED PRODUCTION RECORDS** with the Herd Improvement Registry department of the Holstein-Friesian Association of America.

The following cows, their records and owners include: Collins Farm Gerben Lass, 751 pounds butterfat, 20,386 pounds milk, Harvey Bechtelheimer, Sabetha; Irene Homestead Papoose Colantha, 754 pounds butterfat, 19,374 pounds milk, R. C. Beezley, Girard; Posch Ormsby Bess Tidy, 662 pounds butterfat, 17,534 pounds milk, E. A. Dawdy, Salina; Saline Valley Lady Rose, 651 pounds butterfat, 16,497 pounds milk, Wilson Brothers, Lincoln; Villisca Perfection Judy, 678 pounds butterfat, 17,631 pounds milk, J. W. Carlin, Salina.

The herds, their records, and owners are: 10 cows, averaged 377 pounds butterfat, 10,708 pounds milk, J. H. Mueller, Halstead; 20 cows, averaged 596 pounds butterfat, 15,312 pounds milk, E. A. Dawdy, Salina; 16 cows, averaged 494 pounds butterfat, 13,986 pounds milk, Harvey Bechtelheimer, Sabetha.

Beef CATTLE

MULVANE RANCH DISPERSION

December 3 and 4

SELLING 500 HEAD



Registered Herefords at the 4E Ranch headquarters. Beau Perfect 24th sire of champions and top sellers. Francis Davis of Rossville is foreman of Mulvane Ranch. 4E Ranch is located 5 miles south and 1 mile west of Topeka. It is stocked with 200 head of registered Herefords.

ALLEN ENGLER & SONS, Owners
TOPEKA, KANSAS

Buy Missouri Herefords at Princeton, Missouri

September 25

65 Quality Polled and Horned Herefords Sell

17 consignors from north Missouri and southern Iowa consign to this sale. It will pay you to drive a few extra miles to buy these choice Herefords.

This is the 3rd Annual Blue Grass Hereford Breeders' Association Sale.

For sale catalog write to
DONALD J. BOWMAN, Sales Manager
Hamilton, Missouri

REG. HEREFORD BULLS

Ready for service, sired by sons of WHR Royal Tredway 8th and MW Larry 37th.
TWIN OAK FARM
Phil Adrian, Moundridge, Kansas

Registered Double Standard POLLED HEREFORDS

1 Herd Sire, popular bloodlines, 1 13-month-old Bull, 9 outstanding Bull Calves, 3 outstanding Heifer Calves. **GLENN J. BIBERSTEIN & SON**, 2 miles west and 1 north of Attica, Kan. Ph. 3708

ANGUS are a good SOUND INVESTMENT

• **MODERN BEEF TYPE.** Naturally-hornless Angus rate superior as economical beef producers. They mature quickly . . . convert feed efficiently . . . return a good profit.

• **COMMAND PREMIUM PRICES.** Packers pay more for Black steers because they dress out a premium carcass and a higher percentage of salable beef.

• **LARGER CALF CROPS.** Heifers and cows have less calving trouble for Angus calves have smaller polled-shaped heads. Gives you more calves to sell. For information, write **American Angus Ass'n, Chicago 9, Ill.**

REG. ABERDEEN-ANGUS

Now offering a few young bulls, cows and heifers.
CHESTNUT & RAILSBACK, Quinter, Kansas

FOR SALE 30 CHOICE ANGUS BULLS

Ready for Service
L. E. LAFLIN, Crab Orchard, Nebraska

HILLDALE SHORTHORNS

For sale at present several bulls 10 to 16 months of age. Also a few yearling heifers. Priced reasonably. **GRANT SEIM, New Cambria, Kansas.**

7 HEAD OF Registered Polled and Horned SHORTHORN HEIFERS

KARL LENHART & SONS, Clay Center, Kansas

FOR SALE A Very Choice Shorthorn Bull

Registry No. 2477546
J. B. HERRINGTON, Silver Lake, Kansas
Phone 205

Dairy CATTLE

HIGHER VIEW DAIRY FARM HOLSTEINS

Located 4 miles north of Hays, on highway 183. Featuring the bloodlines of Clyde Hill and the Crescent Beauties. We have 125 head in our herd. Serviceable-age bulls for sale at all times. We offer a few females occasionally. Visitors always welcome.
J. D. & E. E. FELLERS, Hays, Kan.

DAIRY CALVES

Cows, Bulls from Wisconsin's largest bonded distributors. Tested, registered Holstein, Guernsey, Swiss on approval. Low cost. Free bulletin. Write **MR. FORBES, Dairyland Cattle Company**, 1203 West Canal Street, Milwaukee, Wisc.

NEMAHA VALLEY HOLSTEINS
Rock-Burke breeding. HIR ave. 543.7 lbs. fat. Records up to 1,000 lbs. fat 3 yr. 2x. Bulls of service age and younger for sale.
Mrs. H. D. Burger & Son, Seneca, Kansas

BERT POWELL

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

THE NINTH ANNUAL KANSAS STATE HOLSTEIN SALE

Sponsored by the Holstein-Friesian Association of Kansas

Wednesday, October 10, Abilene, Kan.

in the new building at the Dickinson county fairgrounds, Abilene

65 HEAD

Selected Holsteins all from Kansas breeder members.

ONLY 5 BULLS SELLING

The committee has attempted to select the best 5 available.

They include the All-Kansas Bull Calf 1951, from St. Joseph's Home; the full brother to last year's State Sale topper, from the National Champion 3-year-old on 2X, consigned by Harry Burger; from Hughes Brothers a grandson of "Burke" from the VG 542.9 lbs. fat 3.9% U-Mo Man-O-War Toss; and from Dale Rubin comes "Hi-Note." See the Dale-Mar ad in the "World" and the Kansas "Quarterly." As this is written the 5th entry is not in, but it is in keeping with the others.

From the entry list it looks like the greatest group of bred heifers ever consigned to a Kansas State Holstein Association Sale.

They represent the many sires in service that are either well proven or on their way.

The cows selling read like a story book of proven Holstein breeding in Kansas with several consignors going out to top the sale.

The committee is attempting to obtain 15 calves born after July 1st to sell in the 4-H calf sale. The calves must be transferred to boys and girls. The 4-H sale this year will be at 11 o'clock and then the sale of the regular State Sale cattle will begin immediately after the close of the 4-H sale. Lunch will be served thruout the day but no break for lunch.

Plan now to attend the banquet the evening preceding the State Sale. The banquet will be held in the new pavilion on the fairgrounds.

Make your room reservations either thru the Hotel Lamer, Abilene, or write Mr. Peck, Secretary the Abilene Chamber of Commerce. The Committee—Grover G. Meyer, Basehor, Chairman State Sale Committee; R. L. Evans, Hutchinson, and Roy Chamberlain, Olpe.

Auctioneers: Powell, Cole, Wilson

Watch the October 6 issue Kansas Farmer for list of consignors and more dope.

Send for catalog to

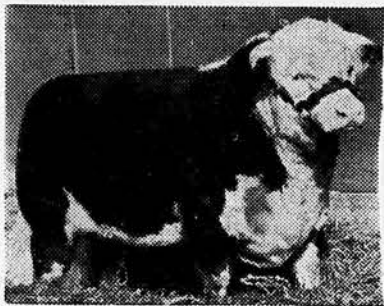
T. Hobart McVay, State Assn. Sec., Nickerson, Kan.

Announcing: A TOP HEREFORD DISPERSION

GLENDALE FARM

Thursday, September 27, 1951—Independence, Mo.

Sale at the farm, 14 miles east of downtown Kansas City, 3½ miles southeast of Independence on Highway 10E.



GLENDALE MIXER (Formerly FL Mixer 250th) has headed our herd of carefully selected females since his purchase in the Flying L Ranch dispersion in 1948 in which he was the top-selling individual at \$10,000.

Write for your copy of our catalog:

GLENDALE FARM, Independence, Mo.

BLEVINS DAVIS, Owner

JACK WATT, Manager

Auctioneer: Col. Jewett Fulkerson, Liberty, Mo.

Don Bowman for Kansas Farmer

58 LOTS SELL IN DISPERSION 2 TOP HERD BULLS

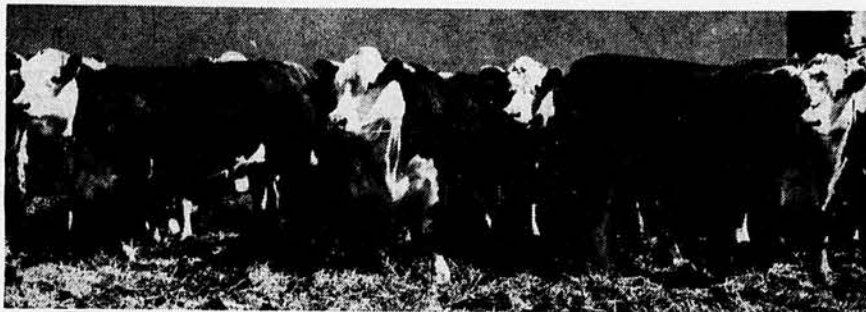
Glendale Mixer, our 5-year-old chief herd sire (pictured).
Master Mixer D., our 2-year-old junior herd bull. Plus, 3 sons of Glendale Mixer. They are January, April and July yearlings.

53 FEMALE LOTS—Including 34 cows, of which 17 have calves at foot now. Ten more are due to calve before sale day. These calves are by Glendale and American Triumph 41st. The other 7 cows will be heavy in service to Glendale Mixer. Five 2-year-old heifers by Royal Domino 12th, the Foster-bred former herd sire, will be bred to Glendale Mixer and Master Mixer D. Eight yearling heifers, mostly by Glendale Mixer and some bred to Master Mixer D., will sell. Six heifer calves sell by Glendale Mixer.

Glendale was founded and operated for many years by the late E. F. Swinney, longtime treasurer of the American Hereford Association. Our difficulty in retaining efficient labor has contributed largely to the decision to disperse this long-established and well-regarded herd. Everything sells except a few young bulls which will be retained for the commercial herd.

2nd annual...ANGUS
HEREFORD
SHORTHORN

PIKES PEAK CATTLE GROWERS FEEDER SALE!



1200 CALVES — YEARLINGS STEERS & HEIFERS

The quality of cattle offered in our First Annual Feeder Sale (1950) was even higher than expectations. The cattle in our 1951 Sale are equally good. Pikes Peak cattle are easy to get to — easy to ship to any point. **All sales f.o.b. cars or trucks.**

**SALE STARTS AT 1:00 P.M.
THURSDAY, OCT. 11**

At Pikes Peak Cattle Growers sales pavilion, 3 miles east of Colorado Springs on Highway 24. Hot lunches at all times.

A PIKES PEAK CATTLE GROWERS SALE IS ALWAYS A GENUINE AUCTION

PIKES PEAK CATTLE GROWERS

121 EAST COSTILLA

COLORADO SPRINGS, COLO.

PHONE 2914-M

Announcing the W. A. (Happy) & M. Louise Williams Sale of

Polled & Horned HEREFORDS

Sale at farm on Mokane Road
3 miles south of**Fulton, Missouri**

on
**Thursday, October 4
90 HEAD**

60 LOTS SELL. 8 Bulls and 52 Female Lots Selling. Many Cows with calves at foot and a number of Bred Cows and Heifers Sell.

50 YEARS RAISING HEREFORDS—Mrs. Williams' father started the herd in 1901. The bloodlines then were the most popular of the time and the bloodlines today feature the popular Larrys, Banning-Lewis and Circle M.

NOTE—The offering features the get and service of our 2 herd sires, WAW Larry Domino, horned sire and Seco Lescan Domino 1st, a 100% dehornor. The heifers bred to our Larry bull brought top prices at the Kingdom sale. All females in our small show herd sell.

For Sale Catalog Write to

W. A. & M. LOUISE WILLIAMS, Fulton, Mo.

Auctioneer: Hamilton James

Don Bowman with this publication

CATTLE TO SUIT YOU

LISTED BELOW ARE SOME OF THE CATTLE FOR SALE (FOR FALL DELIVERY) BY
MEMBERS OF **PIKES PEAK CATTLE GROWERS**

Registered COWS	BULLS	STEER CALVES	HEIFER CALVES	YEARLING STEERS	YEARLING HEIFERS	STEER TWO	COWS
HEREFORDS — HORNED AND POLLED							
85 bred back	294 some herd sire prospects	825 good to choice	680 for replacements	2100 good to choice	800 open	125 fleshy	340 running ages
ABERDEEN — ANGUS							
80 various ages	45 good scale	220 fancy	55 4-H prospects	160 uniform quality	75 well bred		50 excellent back- ground

FOR INFORMATION, WRITE, WIRE OR PHONE

A. GROFF HOOBER, Secretary

PIKES PEAK CATTLE GROWERS

121 EAST COSTILLA PHONE 2914-M COLORADO SPRINGS, COLORADO

The North Central Missouri Hereford Association

Invites you to attend their 17th Semi-Annual Sale

THURSDAY, SEPTEMBER 20, 1951

Fraley Pavilion

CHILLICOTHE, MISSOURI

Show 9 A. M. — Sale 1 P. M.

Selling 94 Lots — 53 Females, 41 Bulls

Consigned from 28 good herds of the area. Many popular bloodlines represented. Bulls and Females of all ages and classes in the offering. Several Polled Bulls. This is a sale you will not want to miss.

For catalog write:

LORA ASHLOCK, Chillicothe, Missouri

Don Bowman for this publication.



Auctioneer: Freddie Chandler

1951 NAT. SHORTHORN and POLLED SHORTHORN SALES

held in connection with the
THIRD ANNUAL NATIONAL SHOW, Ak-Sar-Ben Grounds**Omaha, Nebraska — October 1 to 4, 1951****35 LOTS POLLED SHORTHORNS**—Sale 9:00 AM, Thursday, Oct. 4**60 LOTS SHORTHORNS**—Sale 10:30 AM, Thursday, Oct. 4

AN OFFERING FOR THOSE WHO WANT THE NATION'S BEST

PROGRAM

Tues., Oct. 2—9:00 AM—Bull classes judged
Tues., Oct. 2—2:30 PM—Shows of Shorthorn and Polled Shorthorn Sale Cattle
Wed., Oct. 3—9:00 AM—Female classes judged
Wed., Oct. 3—7:00 PM—Banquet—Hotel Fontonelle
Thurs., Oct. 4—9:00 AM—Polled Shorthorn Sale
Thurs., Oct. 4—10:30 AM—Shorthorn Sale
Thurs., Oct. 4—2:30 PM—Sale Feeder Calves and Yearlings
Thurs., Oct. 4—8:30 PM—Judge Best Ten Head during Rodeo Performance
Headquarters: Hotel Fontonelle, Omaha—write direct for room reservations.

Write for catalog to:

AMERICAN SHORTHORN BREEDERS' ASSOCIATION
7 Dexter Park Avenue, Chicago 9, Illinois, Dept. KF

BUY PROVEN RANGE BULLS—Plan also to attend the spectacular Range Bull Project Show and Sale at Broken Bow, Nebr., on October 19 and 20, where 102 rugged range-tested, ready for service Shorthorn and Polled Shorthorn bulls consigned by 45 Midwest breeders will be shown and sold.

THE NEBRASKA STATE HOLSTEIN ASSOCIATION SALE MONDAY, OCTOBER 8 — LINCOLN, NEBRASKA

(Nebraska State Fairgrounds)

60 HEAD OF REGISTERED HOLSTEINS SELLING

Consigned from Nebraska breeder members and added consignments from Kansas, Iowa, Illinois. Consignors from Kansas: LeRoy Johnston & Son, Marysville; Phillips Bros., Manhattan; Geo. Mueller, Hanover; Albert Ackerman, Sabetha; Harvey Bechtelheimer, Sabetha; Harry Burger, Seneca.

From Iowa: A. J. & Walter Henderson, Paulina; R. C. Brown & Son, Paulina; Clarence Ludwig, Breda; Robert A. Jardon, Randolph; Eldon Anderson, Laurens; and Manning Cry. Co., Manning.

From Illinois: Elmwood Farms, Lake Forest.

For information write **MERLE SEVERE**, Chr. Nebraska State Sale Comm., Palmyra, Nebr.; or **T. HOBART McVAY**, Sale Manager, Nickerson, Kan., for catalogs.

Aucts.: C. B. Smith, Williamston, Mich.; Chas. Cole, Wellington

Laurence Buile with Nebraska Farmer



PIONEER

HYBRID



"...that's MY hybrid"

Year after year—more and more farmers say, "That's MY hybrid," when the name PIONEER is mentioned. And this next year—with America's urgent need for all of the corn it is going to be possible to raise—thousands more farmers are going to plant PIONEER. Good hybrid seed corn isn't going to be too plentiful this coming season. Fortunately, however, Garst & Thomas have a creditable seed crop coming on. NOW is the time to order your PIONEER Hybrid Seed Corn for next year. NOW is the time to see your local PIONEER Salesman—and let him help you select the PIONEER Varieties best adapted to your farm.

GARST & THOMAS

Hybrid Corn Company
COON RAPIDS, IOWA

MAKE IT ALL PIONEER NEXT YEAR AND MAKE MORE MONEY