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Kansas Farmer

CONTINUING MAIL & BREEZE

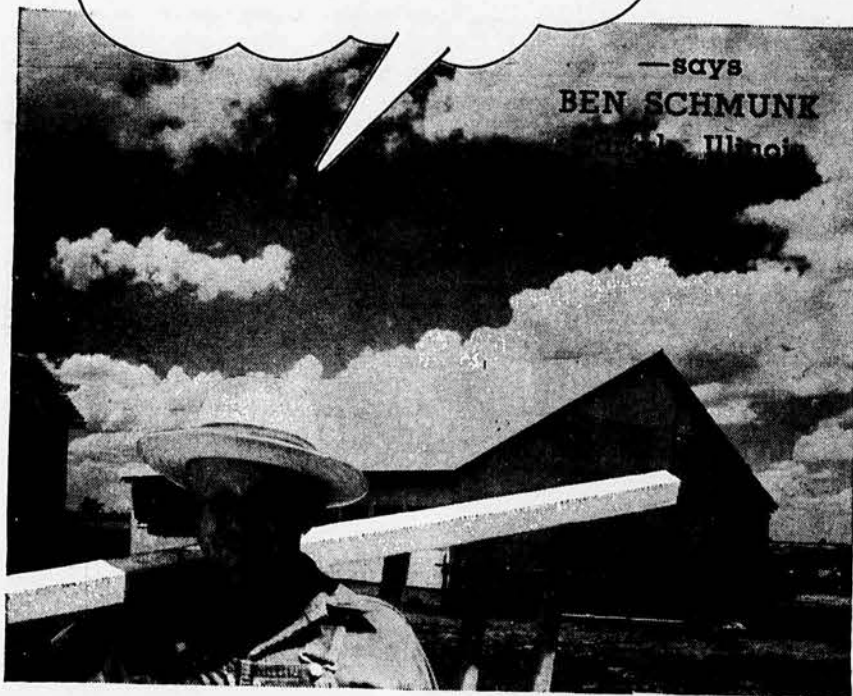
AUGUST 20, 1949

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IT'S EASY TO BUILD A BARN WITH STRONGBARN ROOFING



"Last Fall, my son and I and several neighbors roofed our dairy barn with STRONGBARN galvanized roofing," writes Ben Schmunk of Carlyle, Illinois. "We found STRONGBARN very easy to apply and were surprised at how strong it was. And yet, the sheets were as light to carry and handle, and as easy to nail, as any roofing we have ever used.

"We also discovered that with STRONGBARN we could space purlins farther apart. That saved money and lumber.

"This Spring, we had a cyclone which tore off other corrugated roofing from our machine shed and ripped off boards from our silo. These buildings were on either side of the barn, yet the STRONGBARN roofed dairy barn was not damaged at all. Every sheet is tight and the roof looks like it can withstand many storms like that one.

"So you can see why I am glad to recommend Granite City Steel's STRONGBARN roofing to every farmer."

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

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

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

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

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

See your dealer or write
GRANITE CITY STEEL COMPANY
Granite City, Illinois

The Cover Picture



Here are the Crotts twins, Patricia, left, and Lucretia, right, with their sister, Viola, 10. The twins have Guernsey heifers imported from Wisconsin while Viola has a calf raised on the farm. All 3 girls are daughters of Mr. and Mrs. Virgil Crotts, of Coffey county.



The Brown twins, Imolee, left, and Imogene, right, pose with their sister, Lavona, 14, and the 3 Holstein heifers they purchased from those imported from Wisconsin. The girls are daughters of Mr. and Mrs. L. J. Brown, Coffey county.

YOU might say the 4-H Club dairy calf project in Coffey county this year is "doubly" interesting. It is made so by 2 sets of twin girls who have their first dairy calf projects.

Twins shown on the cover of Kansas Farmer this issue are Patricia, left, and Lucretia Crotts, with their Guernsey heifers purchased from a group of nearly 30 calves brought in from Jefferson county, Wisconsin, and distributed to 4-H Club members in Coffey county.

Patricia and Lucretia, 13 years old, are the twin daughters of Mr. and Mrs. Virgil Crotts. They are members of the Smilin Thru 4-H Club and are in their third year of club work.

Shown with this story is a picture of the Brown twins, Imolee, left, and Imogene, right, with their sister, Lavona. The Brown twins also are 13 years old and Lavona is 14. They are in the second year of club work and their first year with dairy calf projects. The Brown and Crotts families live just 8 miles apart.

The Brown girls belong to the Jolly Booster 4-H Club. Lavona is president of the club, Imolee is song leader and Imogene is captain of the softball team. They have a younger sister, Velva, 5, who is the club mascot and who also has a dairy calf project this year, altho she is too young for regular 4-H Club membership.

As part of the dairy calf program, County Agent Arnold D. Spencer held a fitting and showing demonstration at the Brown farm in July for all 4-H Club members having dairy project calves. He also had a judging class in which members participated.

Produce More Eggs

A new Kansas strain of White Plymouth Rocks is increasing rapidly in popularity in this and adjoining states. The new strain was developed by research workers at Kansas State College during the last 10 years.

Higher egg production is the most im-

portant claim for this new heavy breed of chicken. There has been an increase of 36 eggs per hen. Average production of all hens which finished 12 months production last year was 215 eggs each.

Other improvements include rapid feathering, less mortality, earlier maturing and eggs which are superior in hatchability.

During the last 3 hatching seasons 155,635 hatching eggs have been distributed among 31 commercial hatcheries in Kansas and 57 commercial hatcheries in 19 other states. Several hundred breeding cockerels have been sold to head hatchery flocks in Midwest states.

Senator Capper on Radio

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

KANSAS FARMER

Continuing Mail & Breeze

Topeka, Kansas

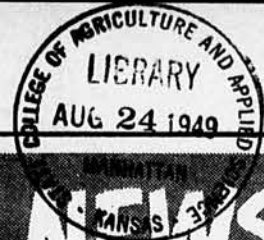
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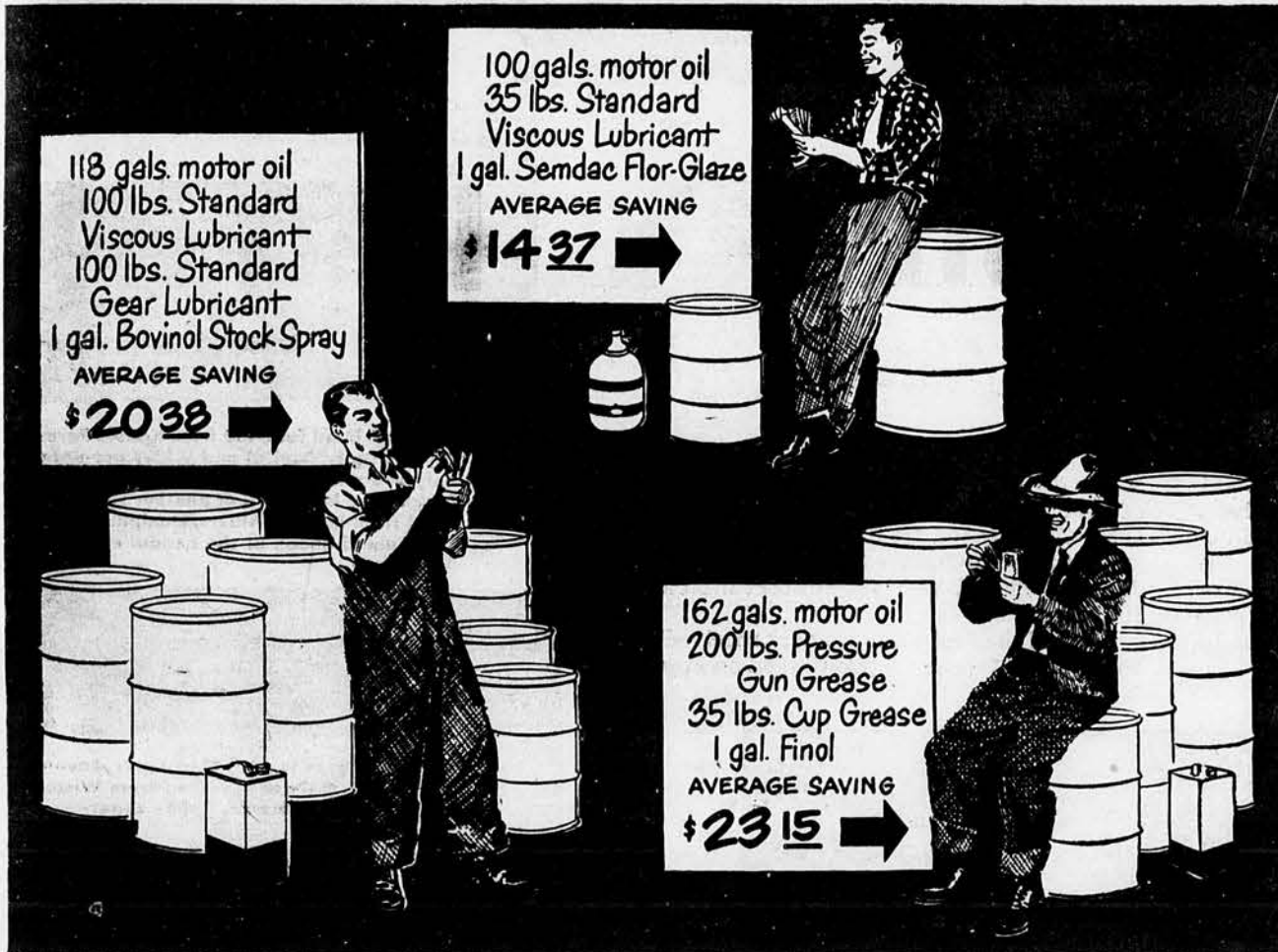
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SPECIAL FARM DEAL NEWS

See what you can save through this Special Farm Deal!



118 gals. motor oil
100 lbs. Standard Viscous Lubricant
100 lbs. Standard Gear Lubricant
1 gal. Bovinol Stock Spray
AVERAGE SAVING
\$20 38 →

100 gals. motor oil
35 lbs. Standard Viscous Lubricant
1 gal. Semdac Flor-Glaze
AVERAGE SAVING
\$14 37 →

162 gals. motor oil
200 lbs. Pressure Gun Grease
35 lbs. Cup Grease
1 gal. Finol
AVERAGE SAVING
\$23 15 →

Typical orders and average savings

To illustrate average savings on typical Farm Deal orders, three farmers stand beside their Standard Oil supplies for next year. These farmers are engaged in a very pleasant occupation: counting the money they saved by ordering their supplies in advance, through Standard

Oil's Special Farm Deal.

Their savings and product orders are typical, but similar discounts are available on hundreds of other assortments. In fact, you just decide what supplies you want; your Standard Oil Man makes up your order accordingly.

Three Motor Oils give fine service



Iowa man picks Permalube

Whatever you demand in a motor oil, there's a Standard oil to suit your purpose. As for Leon Frantz of Grand Junction, Iowa, he picks Permalube to keep his tractor in tip-top shape and running smoothly. "Permalube saves me money," Leon says, "because it's long-lasting, it keeps my

engine clean, and it gives thorough lubrication that really cuts repair bills."

Hundreds of thousands of wise farmers agree with Mr. Frantz, while other thousands choose Standard's Iso-Vis Motor Oil. Long a favorite, Iso-Vis supplies fine, reliable lubrication, and stands next to Permalube in engine-cleansing properties.

Finally, for those who want safe lubrication at lower price, the answer is Standard's Polarine Motor Oil.

The fact is, you can't go wrong on any of these three fine motor oils. Each is tops in its class!

Help for the whole farm

Aside from the money you save when you order supplies through the Special Farm Deal, the supplies themselves help your farm run smoothly, help save you trouble, help shortcut work. Here they are—the products available on the Special Farm Deal:

For your tractor, truck, and car



For your barn and around the farm



For your farm home



Permalube Motor Oil • Iso-Vis Motor Oil • Polarine Motor Oil • Standard Gear Lubricant • Standard Viscous Lubricant

Bovinol Stock Spray • Bovinol 25% DDT Concentrate • Eureka Belt Dressing • Eureka Harness Oil • Compound Neatsfoot Harness Oil • Standard Rustproof Compound • Mica Axle Grease • Dendrol Dormant Spray Oil • Verdol Summer Spray Oil

(See "Ladies Cheer Time-and-work Savers" in adjoining column.)

Ask your Standard Oil Man for details of the Special Farm Deal. He'll tell you how the discounts work, and he'll deliver your supplies right to your door when the time comes. In fact, he's always ready to help you any way he can.

You save according to your own order

When you get in on Standard Oil's Special Farm Deal, you're sure to make worthwhile savings... and the amount you save depends on what supplies you order. You just decide what Standard Oil motor oils, greases and other products you'll use next year, and order them now, in advance. In return for your advance order, you get substantial discounts that mean ready cash in your pocket. You pay nothing now. You pay only on delivery, and you save as you pay!

Hundreds of thousands of farmers save on Farm Deal

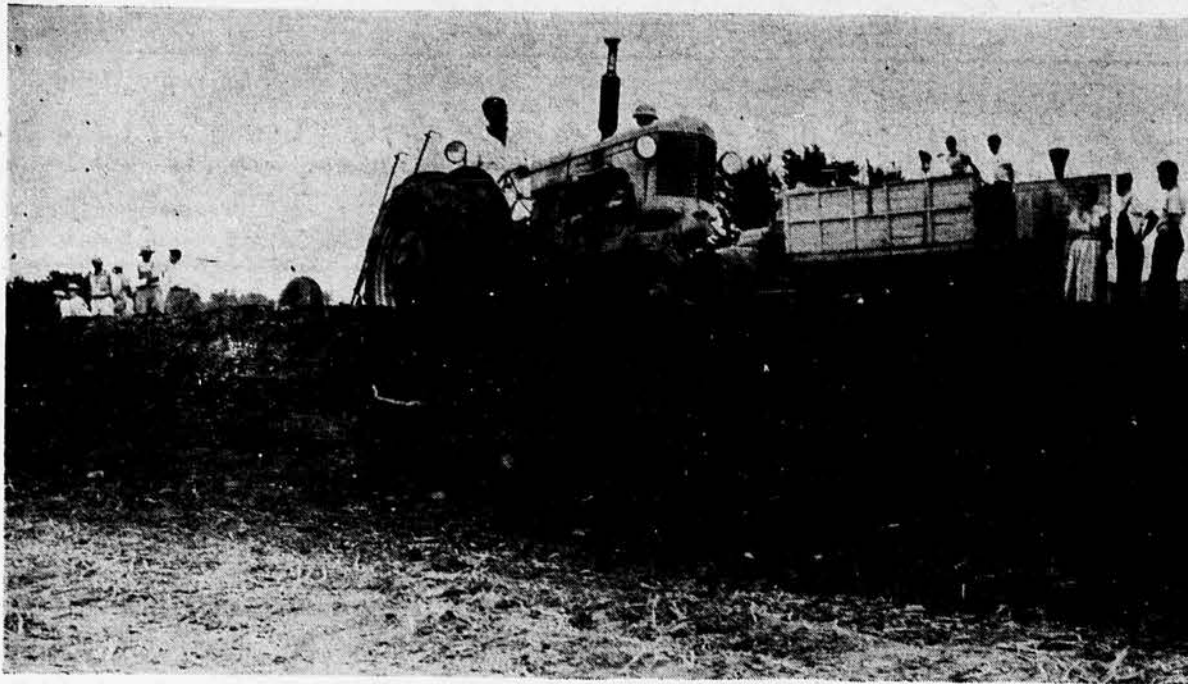
This Special Farm Deal is the country's most popular farm discount purchase plan. Every year hundreds of thousands of farmers make real savings through this modern, trouble-saving program. Last year these farmers saved a total of almost \$2,000,000 this way. This year even more farmers are expected to save even more money.

LADIES CHEER TIME-AND-WORK SAVERS

There's plenty of help for the farmer's wife in Standard Oil's Special Farm Deal... for the Farm Deal includes the following handy household items:

1. Semdac Flor-Glaze—the easy-to-use, long-lasting, protective polish for linoleum or finished wood floors.
2. Semdac Liquid Gloss—polish for furniture and woodwork.
3. Superla Insect Spray, for quick killing of flies, mosquitoes, and other insects.
4. Superla Insect Spray with DDT, for spraying on walls and ceilings (where it continues for weeks its job of killing).
5. Superla Cream Separator Oil—non-gumming—keeps separators spinning easily.
6. Finol—household oil with a thousand-and-one uses.

The same fine discounts apply on these top-quality household supplies as on other products purchased under the Special Farm Deal. That's reason enough for ordering now, instead of putting it off till some tomorrow that may never come!



At Left: Jimmie Dodd, 17-year-old Jewell county contestant, is shown here plowing his winning terrace during the third annual State Terracing Contest. Even before he was finished his terrace looked like it would hold the heaviest rain. He is a first place winner in the junior division 2 successive years.



Above: A bond for \$150 from Kansas Farmer, Topeka Daily Capital and WIBW are not the only rewards for the junior winner, Jimmie Dodd. Here he is getting another suitable reward from Marilyn Albers, Doniphan county, named queen of the annual event.

State Terracing Contest Shows How to . . .

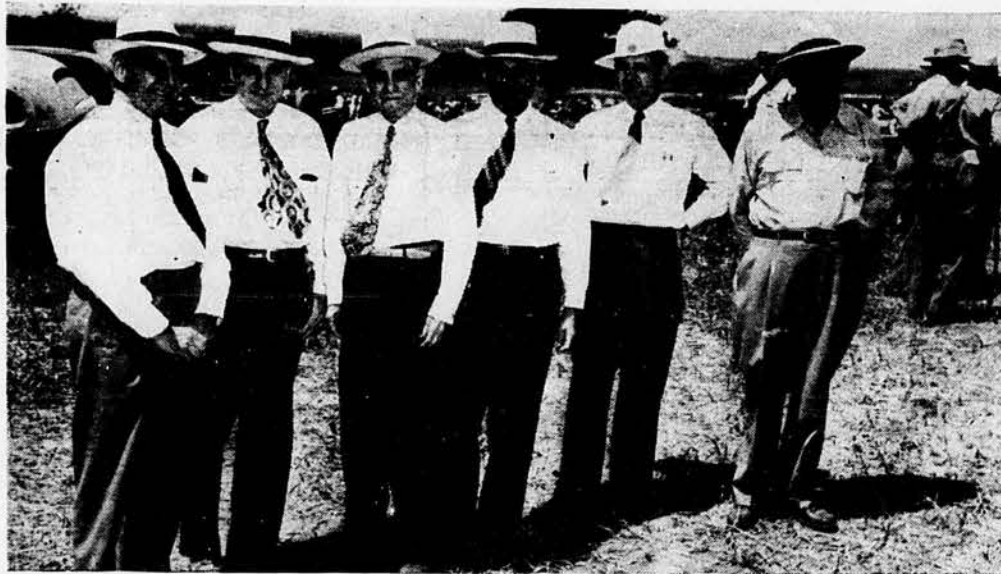
Save Soil

By Ed Rupp

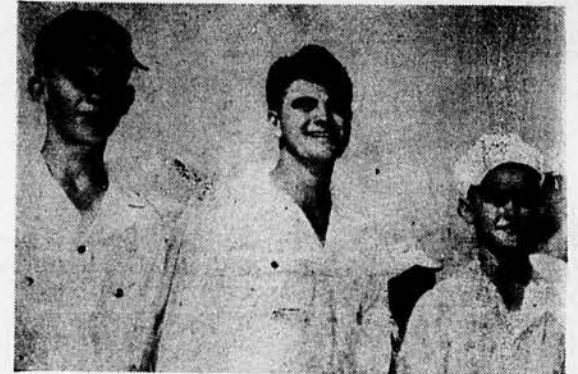
IN A FIELD of 35 contestants, Verner Bergman, Nemaha county, and Jimmie Dodd, Jewell county, took first places respectively in senior and junior divisions of the third annual State Terracing Contest. The event was held on the 200-acre Legler estate southeast of Valley Falls on August 2. There were 21 contestants in the senior division, 14 in the junior contest.

Bergman, 21, was among the youngest in the senior division, but came out on top with a score of 121 points out of a possible 125. Jimmie Dodd is a 2-time winner. He took first place last year and returned to capture first again in the junior division. The 17-year-old contestant earned 107.75 points.

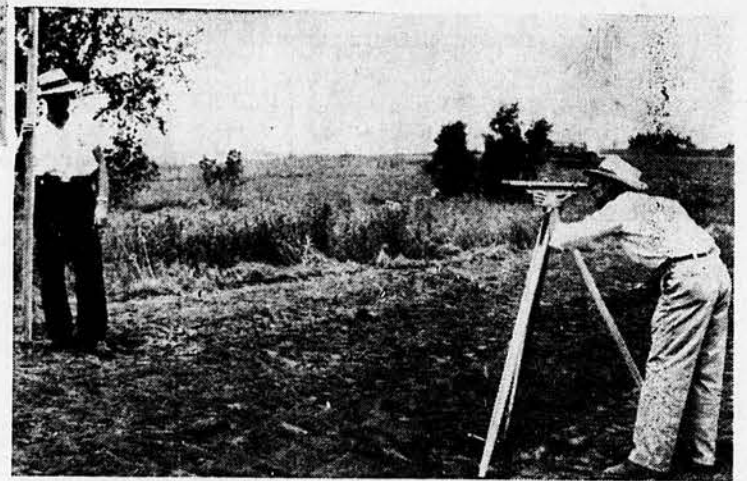
Each of the first place winners received \$150 bonds from Kansas [Continued on Page 21]



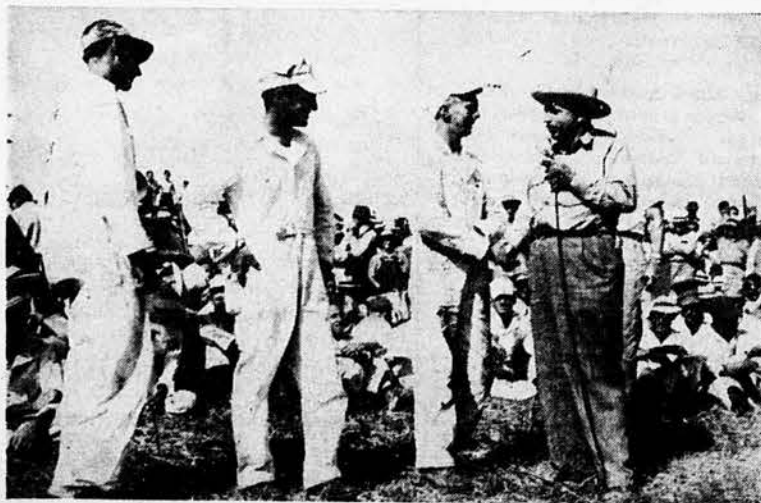
Above: Walking over the grounds and watching the contest was this group of men of both state and national importance. From left they are: Governor Frank Carlson, Congressman Clifford Hope, Senator Arthur Capper, H. S. Blake, general manager of Capper Publications, Inc.; Roy Freeland, assistant secretary of the Kansas State Board of Agriculture, and L. C. Williams, Dean of Extension, K. S. C.



Above: These 3 contestants won highest honors in the junior division of the plow terracing contest. They are, left to right, Sam Miller, Geary county, second place; Jimmie Dodd, Jewell county, first, and Jack Wolford, Jefferson county, third.



Above: After terraces are completed by contestants, they are checked accurately to score the cross section. Holding the rod in this picture is Dale Burnett, Douglas county SCS, and sighting thru the level is Norman Kruse, Leavenworth SCS. In addition to this check, a team of judges scores the terraces according to slope, tillability, uniformity and alignment.



At Left: Verner Bergman, winner of the senior division, receives congratulations from Art Holbrook, of WIBW, as the champion is presented to the spectators. Looking on are the second and third place winners, Louis Carter, Washington county, center, and Bill Putthoff, Atchison county, at left.

Farm Matters

AS I SEE THEM

I AM really rather proud right now of the Senate Committee on Agriculture, of which I was a member for 30 years, and chairman during my last term in the Senate.

Reports from Washington are that it has killed out the really dangerous feature of the so-called Brannan Plan, which purposed to promise approximately wartime incomes for farmers and at the same time cheap food for consumers, thru Federal subsidies.

Much of the other news out of Washington these days is disturbing, I am sorry to say.

Apparently the United States is going all out to arm the nations of much of the rest of the world, which surely is bad for us.

The start is to be made in Western Europe, arming the North Atlantic Pact nations, plus Greece, Turkey, Iran and South Korea.

President Truman outlined a much broader program in the Administration bill he first sent to Congress. This bill would have authorized the President to provide arms aid to "any nation." It even would have authorized him to provide arms to "groups," or "representatives of groups" in "any" nation, if he decided by doing so the national security of the United States would be helped.

Under the latter provision, the President would have been authorized, at his own discretion, to supply arms and military aid to foment insurrections and rebellions in any nation whose government he did not approve.

This measure aroused so much opposition in Congress and over the country that the White House in less than 10 days sent up a substitute for it.

The substitute measure, now being considered in the Senate Foreign Relations Committee and the House Foreign Affairs Committee, would limit arms and other military aid to nations in the North Atlantic Pact, and the others I mentioned.

What disturbs me particularly is the first measure, which tips the hand of the White House coterie—this program of playing power politics over all the world by supplying arms to governments, and even to those who would overthrow governments which incur the displeasure of our own Government.

Another disturbing thing is a recent report from the Census Bureau. This report shows that in the recent fiscal year, with a national income of 225 billion dollars, the Federal, state and local governments collected 54½ billion dollars in taxes.

What that means is that 25 cents out of every dollar of national income went for taxes.

Senator Byrd of Virginia estimates that for every \$4.10 earned, the per capita American pays \$1 in taxes.

David Lawrence's United States News and World Report estimates that for the current fiscal year (ending June 30, 1950) total Government expenditures—Federal, state and local—will be approximately \$68,600,000,000.

Federal Government expenditures are slated to reach \$46,406,000,000. (In 1940 they totaled \$10,317,000,000.)

State and local government expenditures are estimated at \$22,200,000,000. (In 1940 state and

local governments spent a total of \$9,025,000,000.)

In one decade total government expenditures (Federal, state and local) went up 3½ times, from \$19,342,000,000 to \$68,606,000,000.

Federal spending has increased 4½ times in 10 years. State and local government expenditures went up nearly 2½ times.

Judging from the appropriations and authorizations for counties and other taxing districts to increase tax levies, made by our own Kansas legislature and other state legislatures this year, the increases in state and local taxes in the next 2 years is going to be tremendous.

What this all adds up to is another inflationary spree. Government spending, and part of it is bound to be deficit spending (borrowed money), is going to add dollars far beyond any increases in production.

To make it worse, what increases in production there are will be largely for non-productive purposes—maintenance of armed forces, planes, battleships, bombs, and other material of war.

Recorded history reaches back some 45 or 50 centuries. In all that time no nation or peoples ever have avoided a bust by piling one boom on top of another.

Another inflation is not the answer to the problems created by our war and postwar inflations.

Terracing Is Important

I SPENT a great day in Jefferson county, near Valley Falls, attending the annual State Terracing Contest. That was on August 2, a fine occasion all around. I don't see how the weather could have been much better. There had been enough rain so the ground worked up in what I consider good condition. And the whole affair was planned and carried out in a very efficient manner.

Laying off the 35 lands on this 240-acre farm was no small job. Yet each finished terrace was in exactly the place where it was needed. And from comment I heard during the day, it seems every man entered with tractor and plow had a pretty even chance of being the winner.

Another point I appreciate was the way in which the large crowd was handled. Around 20,000 people were present. An estimate was made by counting cars and looking over the crowd. There were plenty of parking areas for automobiles close enough so folks didn't need to walk too far to see some action. Local officials and the state highway officers directed traffic so well there were virtually no bottlenecks. Scattered over the big farm were sufficient refreshment stands to give everyone quick service.

So I want to congratulate the Jefferson county people, the Valley Fall folks, and all who participated in any way in making this event such an outstanding success. Particularly I would mention Russell C. Klotz, county agent, who was general chairman of the whole contest. He certainly qualifies as an expert in management. Equally I would compliment Donna J. Kempton, home demonstration agent, who

among other duties, took on the huge job of feeding the crowd. Not only was the food good, but the service was excellent.

I am glad I had a part in sponsoring this great event thru Kansas Farmer, WIBW Radio Station, and The Topeka Daily Capital.

My editors, radio personnel and executives of the Capper Publications are great boosters for such worthwhile events. They have a long record of doing things of this sort for the good of agriculture in Kansas and in the United States. And they feel the terracing contest is one of the best projects we could help sponsor.

Reasons for this opinion are quite obvious. For one thing, we know the biggest job we have in agriculture is to save our soil. Further, we must not only prevent loss of fertility, but we must add to it. Now this great terracing demonstration ended up by putting a 240-acre farm in better condition. At the same time it again demonstrated to thousands of good farmers exactly how soil-saving terraces should be built. And built with equipment every farmer can own.

That is another sign of American efficiency. Manufacturers have turned out tractors and plows that do many jobs. And our farmers, with their knack and multiple abilities, put that farm machinery thru its best paces. It was nothing less than astonishing to see those 14 junior contestants handle their tractors and plows in such expert manner. These modern farm boys are the best ever. I have watched them closely and have countless good reasons to be proud of them. The 21 senior contestants are to be congratulated most heartily. No wonder they are good; they are grown-up farm boys.

It was fine to see how boosters for each contestant gathered at his terrace. They were free with words of encouragement and praise of work done. It was enjoyable to hear such fine spirit. Another thing that interested me was the comment made by farm folks concerning their favorite equipment. Many kinds of tractors and plows were on hand. And you could hear a friendly argument here and there as to which is better. From what I gathered, it seems all of the manufacturers familiar to us are doing a pretty good job of turning out farming equipment that really does the work expected of it.

Winners were named, as related elsewhere in this issue of Kansas Farmer. I congratulate them sincerely. They not only are winners in this contest, but back on their farms where they are doing an equally good job. I say, also, that every one of the 35 men who entered this contest are winners. The terraces they built showed expert workmanship, the kind of work they are doing on their home farms. I would like to add some more winners to that list. I consider every farmer who is doing soil-saving work a winner, too. A champion of better agriculture. More power to all of you. You are the most essential citizens of our country.

Arthur Capper

Topeka.

What to Expect in Farm Legislation

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

ALLOWING for some minor changes—and there will be some—here is about what may be looked forward to in the line of major farm legislation from this session of Congress.

1. That part of the Brannan Plan which would have built the national farm program around direct production payments to farmers and promised farmers as a whole close to wartime incomes and (2) at the same time

promised consumers cheap food price, thru Treasury subsidies, is definitely out.

2. The Aiken bill (Agricultural Act of 1948) will not go into effect January 1, 1950.

When the Senate and the House finally

agree to the conference report on differing bills from the two branches of Congress—late in the session—the main features of the compromise bill will include:

For 1950, 90 per cent price supports for the basic commodities—corn, wheat,

cotton, rice, tobacco and peanuts. After 1950, price supports ranging from 90 down to 75 per cent of parity, instead of the 90 to 60 per cent provided in the 1948 (Aiken) Act.

For the "designated" non-basic agricultural commodities—shorn wool, mohair, Irish potatoes—support between 90 per cent and 60 per cent, with these qualifications:

(Continued on Page 26)

Evelyn Writes From Holland

Many Things Are Different Over There

Here is letter No. 3 from Evelyn Haberman, of Heizer, one of our 4-H'ers who is spending several weeks in Holland. It was dated August 3, 1949.

DEAR Mr. Gilkeson: Life on the farm of Mr. and Mrs. Gehard Van Hoorn so far has been most interesting and enjoyable; that is, for everything except the weather. There always are new things to see and learn both on the farm and when traveling.

Life here really is much the same as at home, except that it goes at a much slower pace. We are not rushing here and hurrying there; nor do we go away every night. The folks seem to take life as it comes and are home-loving. Pride is taken in the home, and there with the family they find their greatest enjoyment and satisfaction.

Women Do No Field Work

Most of my time is spent helping Mrs. Van Hoorn with housework. There is not too much to do as they have a girl helping each day. Work consists of general housekeeping and canning and making jams, jellies and lemonade. All fruits used are grown on the farm. I have not had an opportunity to do any field work as most has been too heavy. I also have learned that here the women folks do not help in the field. It seems the man is master of the field, and the woman master of the house; and what each says in his respective field goes.

That does not mean the women do not take an interest in field activity. They do. Perhaps more than some of us in America. Mrs. Van Hoorn walks to the field every evening and watches the harvest progress. This is interesting as harvest here is very different from ours at home. Most work is done by hand and with horses. To date, rape seed has been cut and shocked in long rows to dry. Cutting is done with a binder pulled by horses after the edges have been cut away by hand. This crop is now being threshed by combine, also pulled by horses. Mr. Van Hoorn has his own combine. There are only 3 in the community of Ulrum, so he is fortunate. He helps some of his neighbors thresh, also.

Barley has been cut in the same manner as the rape seed and has been shocked. It will soon be hauled to the barn. Here it will be kept until ready to be threshed later in the fall; this way it will be dry. Next to be harvested will be peas—the first part of August; and wheat—the middle and latter part of August.

Meals Are Different

I have been here 5 weeks now and am gradually becoming accustomed to many different things. One of the greatest differences, and an important one, is in food. Meals here are heavy as the main foods are bread and potatoes.

Three meals are served very much on time at 7 in the morning, 12 noon, and 5:30 in the evening. Morning and evening meals are bread meals with tea or milk. These meals consist of a variety of breads such as white bread (much like our home-made bread), rye bread, currant bread, and honey cake with butter, cheese, jam, chocolate and other such eats. At many of our evening meals we often have potatoes, vegetables or eggs with the bread. The noon meal is a warm meal without bread or a drink. Here the main dish is potatoes plus a creamed vegetable, meat or fish, and a dessert or soup. The dessert also is heavy like pudding, oatmeal, buckwheat, or a new one on me was barley cooked in buttermilk.

Very few fresh vegetables are eaten; it seems the people do not like them very well. Fresh fruits are eaten when in season as they are grown here on the farm. We have just finished a good season of strawberries and raspberries and now there are apples, pears and plums. There is little variety in the meals and they are about the same every day.

Boiling, steaming and frying are the main means of food preparation. A lot of sugar and butter are used and little salt. No baking is done. All cooking is done on 3 individual burners, 2 kerosene, and one electric (something like a hot plate.) No pastry baking is done either. All breads, cakes and cookies are bought. Cakes are not served often, but are more of a specialty and are gotten only on occasions.

Teatime—my favorite time of day.

Tea, coffee or hot chocolate are served at about 10 in the morning, 2:30 in the afternoon, and 8:30 in the evening. Whatever a person is doing, he usually stops and has tea. Even the farmer usually comes in from the field, except during his busiest harvest season. When company comes, tea and cookies are served shortly after their arrival. I would say the Dutch housewife prides herself in the tea service and little teaspoons she has. By the way, most people use a lot of milk and sugar in their tea and coffee.

It is the custom that one changes to better clothes in the afternoons, providing there is no work in the kitchen. I learned to do this immediately after dinner thru a rather embarrassing situation. This particular afternoon I did not change at once, but finished writing some letters first. As it happened, company came. Yes—it was Mrs. Van Hoorn's father and boy here from England who stopped for a visit. And there I sat—my hair mussed and with my jeans on. Mrs. Van Hoorn said "oh-oh" and I hurriedly excused myself and changed.

So far most of the social life has been visiting with friends and relatives. When on a visit, people just talk and do not play cards. During the evening coffee or tea is served first, and then the men usually drink some gin and the women a milder drink like wine or some fruit. There are movies (called cinema), and dances in most towns and villages. But we have not gone often. I have seen 2 movies at Groningen; both were American pictures with Dutch translation in print. As for dances, there are few for farmers during the summer. It seems farmers and townspeople do not go to the same dances. So, as yet, I have not been to a dance.

People Dress Warm

As yet, I have still to see a Hollander in his native dress; one is lucky if he does. The picture that many have of a Dutchman in his typical costume is only a picture. There are fishing villages and islands that have retained their native dress, but not many. The people dress as we do only warmer. You are probably wondering about wooden shoes. Are they worn here? Yes, every person has a pair. Wooden shoes are worn in wet weather. The housewife also wears them when washing and when working in the garden. As a matter of fact a pair of wooden shoes was the first thing I got upon arriving. Believe me, I was surprised to find that I could walk in them without too much difficulty. But when I tried to run, they did not work right. They are bright yellow with red trimming down the center front.

These are some of the major differences I am becoming accustomed to. There are many others like riding in



Evelyn Haberman

small cars, traveling on narrow and curving roads, seeing policemen on bicycles and having mail delivered by the postman on bicycle, not seeing women drive cars, shopping in town where streets and sidewalks are very narrow; and I also am getting used to having people look at me in a questionable manner, especially when talking a picture. I am trying to learn Dutch and still trying to get my directions straight.

My regards to Kansas Farmer readers. And here I'm sending all a nice cool North Sea breeze.

Note: Be sure to watch your Kansas Farmer for other letters from Evelyn. —R. H. G.

Name 4 New Specialists

Announcement has been made of the addition of 4 Extension specialists to the field faculty of Kansas State College. Appointments became effective during July.

Included are Murlin R. Hodgell, Extension architect; C. Frederick Foreman, Extension dairy husbandry specialist; Charles E. Parks, Extension landscape specialist, and Paul E. Collins, Extension farm forester.

Far Ahead on Tractors

Have you ever wondered how many tractors are used on farms in the United States? According to Implement and Tractor, national farm-equipment business magazine, the number has soared to 3,375,919. That 1949 tractor total represents an increase of 261,323 over the 1948 figure.

It represents a new peak in mechanization of agriculture, which is further emphasized by the total of motor trucks on farms. The total in 1949 was 2,408,098 as compared with 2,191,621 in 1948.

According to farm economists tractor population and farm mechanization are presently at a level which the industry did not expect until 1952.

Launch Campaign Against Smut



AGRICULTURAL leaders of Kansas are conducting a concerted drive against stinking smut of wheat by encouraging cleaning and treating of seed for planting this fall.

Inspecting the official poster of the campaign, to be displayed by county agents, grain elevators and others thruout the state, are: L. E. Melchers, left, head of the Botany and Plant Pathology Department at Kansas State College and a nationally known authority on seed treatment; C. E. Skiver, center, Director, Kansas Wheat Improvement Association; and Claude L. King, Kansas Extension Plant Pathologist.

King and E. D. Hansing, of the Kansas Experiment Station, recently published a new bulletin on seed treatment, titled "Grain Seed Treatment in Kansas" which is available to farmers from the County Agent or by writing to the Kansas Extension Service, Manhattan. Benefits of seed treatment, such as better stands and higher yields, usually return farmers 10 times or more the cost of treatment—in addition to controlling stinking smut or bunt.

Your Purina Dealer's
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can make you **MORE
EGG MONEY**

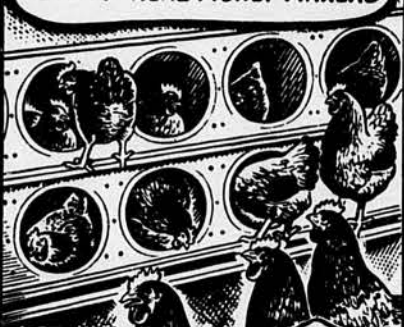
WE GO OVER EACH
PULLET - CULL OUT
THE LIGHT BIRDS...



...TAKE OUT BIRDS
WITH POOR HEADS OR
WEAK BODIES LIKE THESE



SO YOU PUT IN YOUR LAYING
HOUSE ONLY THE BEST
PULLETS WITH GOOD LAYING
ABILITY-REAL MONEY MAKERS



Ask about our
**GRADING
SERVICE**

Most Purina Dealers are ready, willing and trained to help you cull your pullets at housing time. Poor pullets will each eat about 25¢ worth of feed a month—yet lay few eggs. Why waste feed on them? Ask your Purina Dealer to help you pick them out—so you can sell them for cash. You'll make **MORE EGG MONEY** all winter if you do. Just call or drop in at

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FARM EQUIPMENT

Marketing Viewpoint

By Harold M. Riley, Livestock; John H. McCoy, Feed Grains; Joe W. Koudele, Poultry.

I would like to buy some good-quality stocker calves this fall to handle on a deferred program. When would be a good time to buy this kind of replacement stock?—J. M.

Present indications are that feed supplies will reach record levels this fall. Demand for feeder cattle therefore is expected to be strong. Lightweight calves of good to choice quality will be sought by many feeders since there is less risk involved in handling these kinds of cattle as compared to heavier kinds. Unless slaughter cattle prices weaken the price for good-quality calves is likely to remain near present levels this fall. Range conditions are above average in most of the central and southern Great Plains area. This will enable range producers to hold calves for satisfactory prices.

What is the outlook for wheat prices?—G. B.

Little change is expected in wheat prices in the near future, but substantially higher prices are probable later in the season. With prices considerably below loan levels during harvest, farmers stored a major proportion of their crop, and from all indications large quantities are going under loan or purchase agreement. Sales of wheat at southwestern markets are light but domestic millers are fairly well supplied for the near future and the export trade is slack, so little change in prices is expected until market purchasing increases. An increase in export purchasing is probable later in the season, and as domestic millers use their current supplies purchasing will be necessary. Farmers have indicated they will not sell freely at current price levels, and it is expected that a higher price will be necessary to draw the needed wheat to market.

How do egg-feed and chicken-feed ratios compare now with a year ago?—H. M.

According to the U. S. Department of Agriculture, on July 15, one dozen eggs would buy 13.1 pounds of chicken feed, the best ratio since December, 1948. This ratio also is 26 per cent higher than that of a year earlier on the corresponding date and 11 per cent higher than average.

On the other hand, the break in chicken prices reduced the chicken-feed ratio. On July 15, one pound of chicken would buy only 7.0 pounds of chicken feed, the lowest ratio since June, 1948, and 3 per cent lower than a year earlier on the corresponding date, despite lower feed costs.

Study New Bang's Test

The "ring test" for brucellosis in dairy cattle is being tried and studied by the U. S. Department of Agriculture. It was developed by Danish scientists as a method of detecting brucellosis infection in dairy herds.

It is a detective device or system that operates on herds of cows rather than individuals. The ring test can be applied at creameries or milk-collection points to determine whether there is infection in the individual dairyman's herd.

If it works satisfactorily, this test can well become a long step towards the production of Bang's free milk without making blood agglutination tests on all animals in a herd. Testing would be needed to find infected animals.

Flying Farmers Invited

Since the story, "A Link With the Past," appeared in the April 16, 1949, issue of Kansas Farmer, telling about Elmo Mahoney's threshing rigs, he has received many inquiries about them. So many, in fact, he has decided to put on a demonstration at his farm, 4 miles west of Dorrance, in Russell county, on the afternoon of August 21. Among others, the Kansas Flying Farmers are being invited. The Mahoney landing field is 4 miles west of Dorrance, on the south side of the highway.

"America's Favorite Corn Picker"



FARM EQUIPMENT

FOR MORE PROFIT

FROM THIS YEAR'S CROP

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Corn Picker

This year reduce farming costs. Harvest your corn the modern time-saving, labor-saving way . . . with a Dearborn-Wood Bros. Corn Picker.

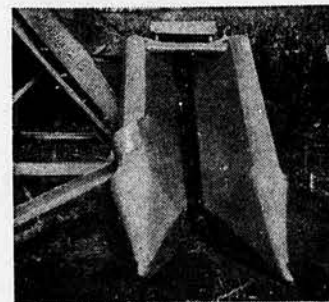
This is the popular one-row picker that is ideal for corn growers and for custom picking too. It has unusual speed and capacity and is priced right.

Built by Wood Bros. (a wholly owned subsidiary of Dearborn Motors), this picker is the result of fifty years of leadership in building harvesting machinery. It embodies many exclusive features that work together to pick fields better and faster and to deliver cleaner, undamaged ears. Easily adjusted for everything from popcorn to heaviest yielding hybrids.



BIG HUSKING BED

In any corn picker, look first at the husking bed! Corn passes through the Dearborn-Wood Bros. picker fast because the husking bed is big—13 1/4" wide, 37 1/2" long. Not four but six rolls (3 rubber against 3 steel) husk thoroughly but gently.



GETS DOWNED CORN

Flexible floating gathering points, fully adjustable, catch high and low ears and downed corn, with three, not two, gathering chains.

PICKS ROWS 26" WIDE OR WIDER

The trend is toward narrower rows, due to hybrid corn improvement, new fertilizing and other modern practices. 36" and even 30" rows are now common. If you want to narrow your rows, remember the Dearborn-Wood Bros. will pick any width rows, as narrow as 26". You are not tied to a picker that is "set in its ways" and may soon be outdated.

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Ford Farming

MEANS LESS WORK . . .
MORE INCOME PER ACRE

Paid for Land With Sand Lovegrass



Harry Lightner, Finney county farmer, here shows the size of one stool of sand lovegrass on his farm. Note the matted roots that help tie down the sandy-type soil in the Southwest Kansas area.

TURNING 15 acres of "blow out" land into a high income producer has been accomplished on the Harry Lightner farm, in Finney county, by seeding sand lovegrass. First seed crop from the 15 acres amounted to only 368 pounds, but the second crop jumped to 2,200 pounds.

Most of this seed brought \$1.50 a pound and was sold to 45 farmers in 8 counties, with one shipment going to a farmer in Iowa.

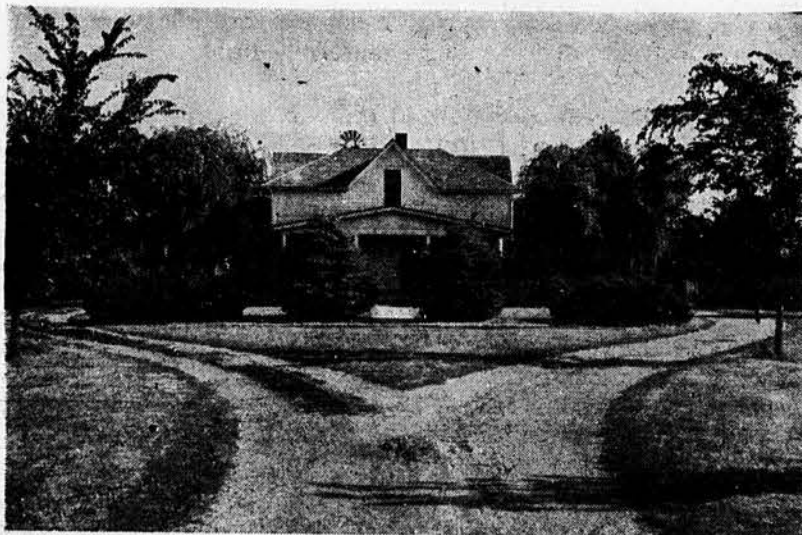
The 15 acres were part of a half section purchased by Mr. Lightner for \$22 an acre. The first seed crop brought a return of \$24 an acre and the second seed crop a return of \$126.66 an acre. That's pretty good for former "blow

out" land. The stand was made more productive by fertilizing with 100 pounds of 33 per cent ammonium nitrate an acre.

The sand lovegrass was seeded March 25, 1947, with a drill in cane stubble. The seed was mixed with bran and drilled at the rate of 1½ pounds of seed an acre.

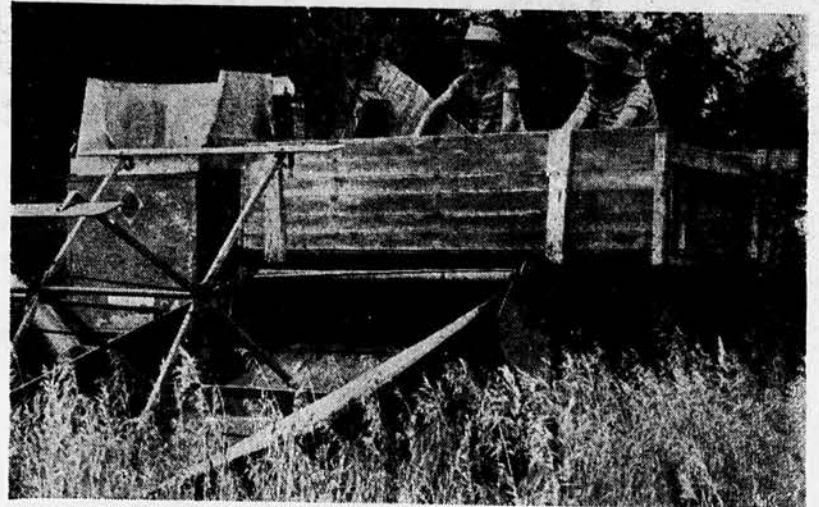
Due to the outstanding results received from his first seeding, Mr. Lightner has expanded his sand lovegrass to 55 acres and has a good stand on all of it. So far all income off the grass has been from seed production. The grass has a very high value for grazing, however, and Mr. Lightner plans to graze this some next spring.

Dignity and Beauty



AN OLD-STYLE farmhouse in a beautiful setting of trees and shrubs is the Alois T. Becker home, near Hoisington, in Barton county. It sits well back from the road. A driveway up to the yard is flanked on both sides by rows of shade trees. The driveway approaches the house from front center, then circles the house to frame an attractive lawn.

Aids Brome Harvesting



COMBINING brome grass is a difficult job any year because the seed naturally is light. To prevent waste of seed that usually means a heavy return thru the combine. That, in turn, means slow operation. F. J. Raleigh, Cloud county, has his own way of getting around that difficulty. He places a box on top of his combine to catch seed and chaff from the return elevator instead of letting it go back thru the machine. The next morning when dew is on the grass making it too wet for harvesting, the stored-up return is run thru the machine. It speeds the job of combining.

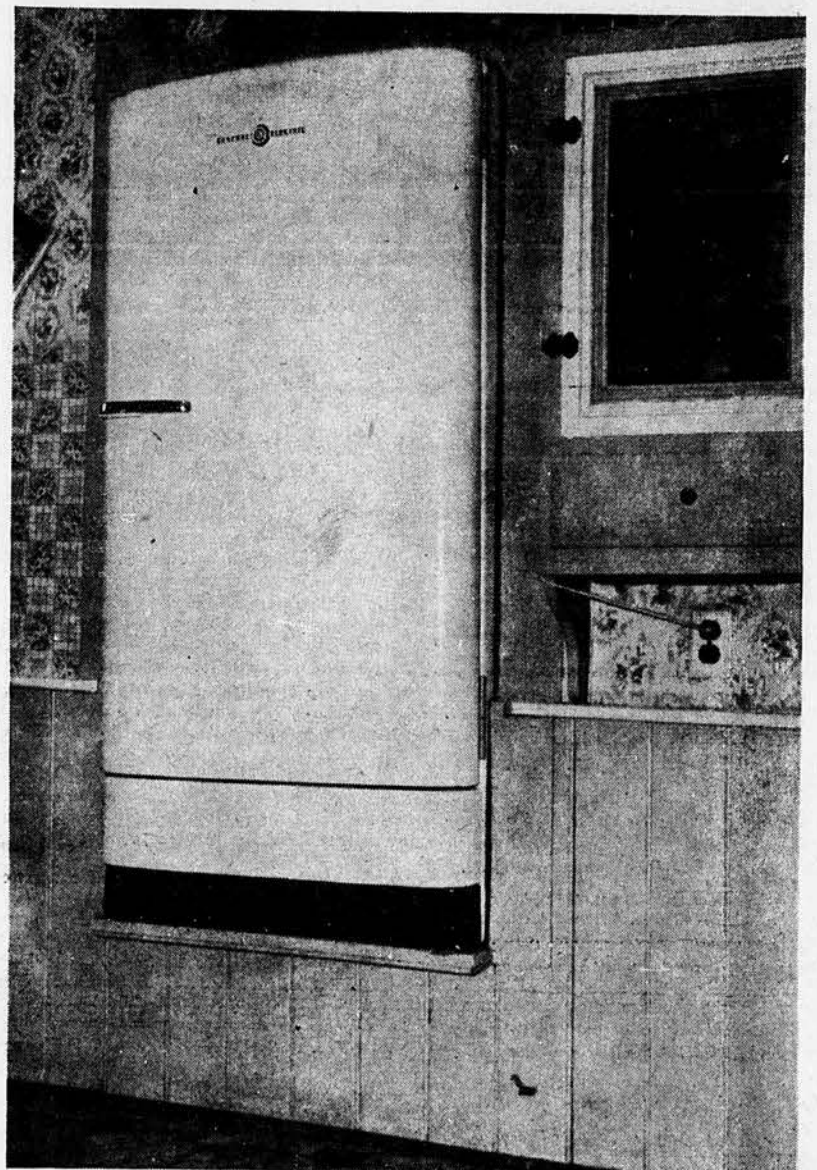
Pushing seed and chaff back in the box above the combine are Ruth Ann Raleigh, left, and Catharine Raleigh, daughters of Mr. and Mrs. F. J. Raleigh.

Put Refrigerator In a Window

HAVE you had this problem? Mrs. Harvey Starry, of Miami county, has solved one that stumps many farm housewives who have small kitchens.

"I had a nice electric refrigerator and no place to put it," says Mrs. Starry. "Anyplace we put it, that refrigerator was always in the road. I also had a kitchen window opening onto a screened-in porch. The window was old-fashioned in size and didn't give

me much light. We solved the problem by putting the refrigerator in the window frame and building a box stand on the porch to support it. Now, the bottom of the refrigerator is 14 inches above the kitchen floor and I don't have to stoop to use the bottom shelves. The front of the refrigerator extends out only about 3 or 4 inches from the wall so I haven't lost any floor space. For better lighting, we put in 2 small windows in an outside wall."



Here is an idea that would work in many Kansas farm kitchens. Mrs. Harvey Starry, of Miami county, lacked floor space in her kitchen for her refrigerator. She solved the problem by putting it in a window space opening onto a screened-in porch. The bottom of the refrigerator now is 14 inches above the floor, and Mrs. Starry can get things off the bottom shelf without stooping.

Tractor Derby Tests Driver Skill

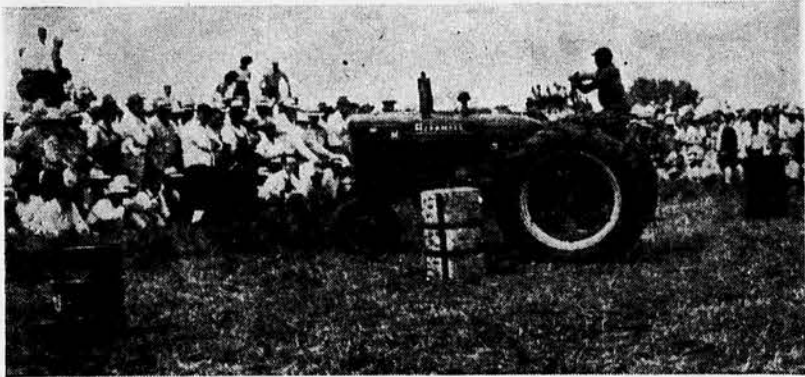
DID you ever see a "Farm Tractor Safety Derby?" As an added attraction at the state plow terracing contest near Valley Falls, August 2, it proved to be an interesting feature.

This was one of the first, if not the first, event of its type in the state. Contestants in the derby were 7 members of the Rural Youth organization in Jefferson county. Emphasis was more on skill than speed. The contestants were judged on the following points: Efficiency 20 per cent, house-keeping of tractor 10 per cent, ease of operation 20 per cent, mechanical con-

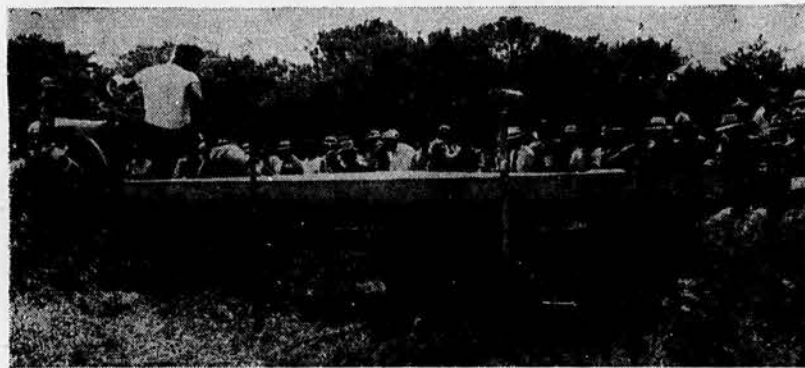
dition of tractor 10 per cent, safety 10 per cent, mechanical ability of operator 10 per cent and skill 20 per cent.

Altho some of the obstacles did not seem difficult, presence of a huge crowd added to the strain. And the purposeful heckling of the announcer, Russell Klotz, Jefferson county agent, added to the difficulties, particularly in backing the trailer out of the stake rows.

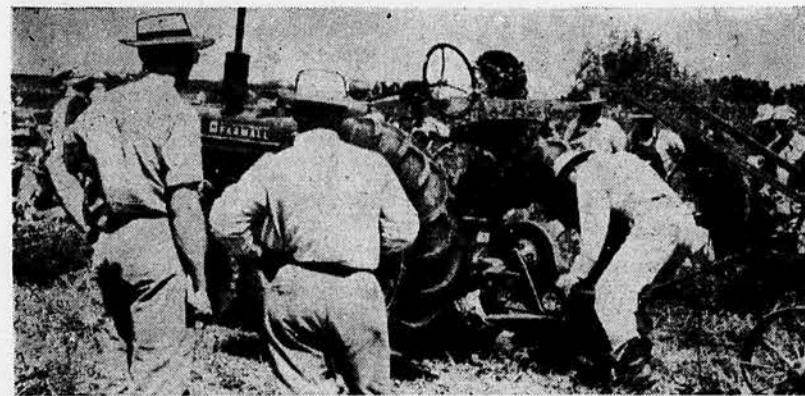
First place winner was Glen Hefty, Valley Falls. Second went to Donald Leu, Valley Falls, and third place went to Bob Nickels, Oskaloosa. You can bet this contest will become popular.



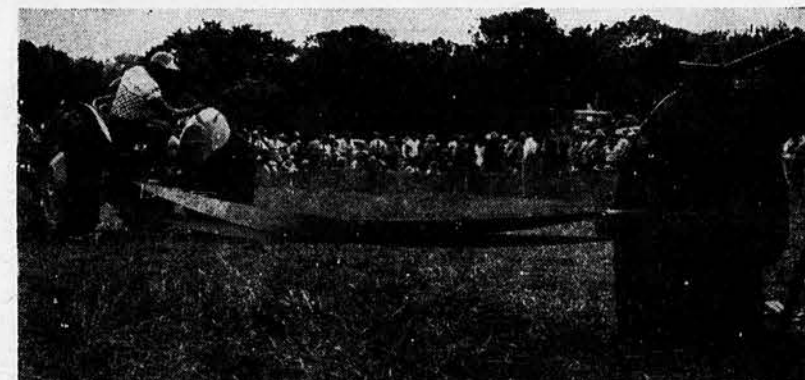
Winding thru a row of closely set barrels was the first obstacle as each tractor driver took his turn in the tractor derby. Tom Noll, Winchester, is seen here skillfully missing the barrels. They were not to be touched.



Backing a 4-wheel trailer proved to be the toughest part of the course. After completing the barrel obstacles, drivers hooked their tractors to the trailer and pulled it down between 2 rows of stakes. Then the trailer was backed out of the narrow alley without touching stakes. Don Newell, Valley Falls, did a fair job of backing here. But he had to move forward several times to get straightened out. Only one contestant, Glen Hefty, Valley Falls, backed out of the channel without stopping.



Hooking up to a plow and plowing a furrow was perhaps the easiest operation. But judges were close at hand to see that you did it right, efficiently and safely. Hooking to the tractor here is Bruce Curry, Valley Falls. Judges looking on are Harold Ramsour, left, and Paul Griffiths, both of Kansas State College.



Belting up to a feed grinder seemed to be a comparatively easy operation. But one of the contestants had some difficulty with one tractor that had a pulley which idled with the engine when clutch was not depressed. Bob Nickels, Oskaloosa, is shown getting a tractor with a rear pulley lined up with the grinder. Fourth contestant in a field of 7, he was the first to rotate the grinder pulley in the correct direction. He won third in the contest.



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NEW Mobiloil

If Foliage Turned Yellow

By WILLIAM G. AMSTEIN
Kansas State College

MANY Kansas lawns, shrubs, trees, grapevines, strawberries, vegetables and fruit trees, especially in central and western counties, show yellowing of foliage this year. Chlorosis, as this condition is called, is due to a reduction in the normal amount of chlorophyll in leaves. Ability of the leaf to manufacture food is reduced by this loss of green coloring matter.

To some folks this light-green or yellow foliage is considered an extra value. However, in most cases it is recognized as a soil problem to be corrected, if possible. Permanent correction seems hard to obtain.

Many causes may develop this yellow or chlorotic foliage. Low temperatures, excessive soil moisture, toxic materials in the soil or air, surplus of soil minerals, or a lack of or non-availability of needed plant foods are all possible causes of this trouble.

A common example of this problem is the chlorosis or yellow foliage of some shade trees, especially the pin oak. This condition may develop in Eastern Kansas on the pin oak, but not be noticed on other plants. It is thought in this case it is non-availability of iron that causes light-colored foliage. In many Kansas soils there may be plenty of limestone, but the iron may be present in a form that cannot be absorbed by the plant.

Chlorosis in trees, also due to lack of available iron, may affect silver maples, cottonwood, box-elder and catalpa. In case of some fruit trees showing yellowing, lack of or non-availability of nitrogen may be the cause.

Leaves of affected plants may turn uniformly yellow. Terminal growth may be slow and the tree generally stunted. In severe cases whole branches or the entire tree may be lost due to this chlorosis.

May Correct Condition

Special treatments for many plants may correct this condition, if it is due to lack of iron or inability of iron to become available to the plant. Some common treatments for chlorosis are: (1) spraying iron salts on foliage; (2) injecting the salt into trunk or roots and (3) applying chemicals to soil where they can be picked up and used by the roots. Materials other than iron salts may be needed to provide needed soil reaction.

Quick response often can be obtained on some foliage by spraying the leaves with a solution containing 5 pounds of ferrous sulphate and 2 pounds of soybean flour in 100 gallons of water. Two ounces of ferrous sulphate to 1 gallon of water is the solution for smaller amounts. Two or 3 treatments a year may be needed. "Copperas" is a common trade name for ferrous sulphate. Late afternoon spraying is preferred. If desired results are obtained the normal green color may be noticed within 10 days of treatment. Other forms of iron may be used.

Injection of iron salts into the trunk of trees showing a chlorotic condition will usually give longer lasting results. However, results are not as immediate or spectacular as with spraying. Ferric phosphate or ferrous sulphate are used for this purpose.

A hole bored with 1/2-inch bit 2 inches deep is satisfactory. Slope hole downward some to contact as much sapwood as possible, and to keep the material from dripping out when it is dissolved.

(Continued on Page 11)

On Selling Freedom

If, thru excessive subsidies and government direction of agriculture, we undermine the incentives in farming, we shall soon destroy a vital element in our democratic system. If the people of this country use their democratic privileges to vote themselves ever-increasing benefits from the treasury, they will eventually sell their freedom in the process.—Allan B. Kline, President, American Farm Bureau Federation.

A treatment of 5 grams of ferric phosphate for each diameter inch of trunk is suggested. Capsules can be used to handle the material. Holes should be sealed with putty or grafting wax. It is best to apply this method of treatment before growth starts in the spring. Holes can be 4 to 6 inches apart around the tree.

Most lasting benefits usually are obtained for trees by soil treatment. Adding some other materials along with the iron to make it more available is suggested. An equal mixture by weight of ferrous sulphate, aluminum sulphate and sulphur applied to the soil at the rate of 1/2 to 1 pound to each inch of trunk diameter at the ground line will correct many chlorotic trees. Early spring treatment is suggested. Place materials in holes 1 to 2 feet deep and 2 to 3 feet apart under the drip of the outer branches. A crowbar or auger will serve to make the holes. If the chemicals can be watered into the soil, better results will be obtained.

Shrubs may be treated by placing these chemicals in a trench 4 to 6 inches deep just under the spread of the branches. From 1/3 to 1/2 pound of ferrous sulphate or the above mixture for

each foot spread of the shrub should prove enough.

For lawns, 2 pounds of iron sulphate or 4 pounds of aluminum sulphate to 100 square feet usually will do the job. Sulphur at the rate of 1 pound to 100 square feet is longer lasting but slower to act.

Some additional practices for trees may be useful. Cultivation during the growing season should be eliminated or kept to a minimum. Applications of barnyard manure in late spring or summer should be avoided, except as a top-dressing with no cultivation. Adding organic matter by growing cover crops may be the most effective method of preventing chlorosis in most locations.

Do not expect too spectacular results from any treatment. You may find that additional treatment will be needed in a few years. Nitrogen fertilizers alone will often do much towards correcting the yellow appearance of lawns in Eastern Kansas counties, but in Central and Western Kansas counties the other materials suggested will be needed.

An application of these materials on the garden area, strawberry or flower bed will improve the green appearance of your foliage if it is yellow.

Now That You Have Electricity

By CHARLES HOWES

THIS column has talked about a lot of ordinary electric items that do unusual things; and a lot about unusual electric items that do ordinary things. Too little has been said, however, about the very ordinary electric light which is doing a wealth of farm chores and jobs for many people.

It was almost 70 years ago that Thomas A. Edison rejoiced over the fact that one of his early incandescent lights had burned 40 hours. "Why," said he, "that's fine, but if it can burn 40 hours, I can make it last a hundred."

Just think of the lasting qualities of today's bulbs. A tiny neon glow lamp used in household appliances, switchboards and radios to indicate that the current is on or off has a life of more than 25,000 hours. That's nearly 3 years of continuous operation. And it would take 1,500 of them to consume as much electricity as a popular size incandescent.

Just the other day we heard of a bulb that has revolutionary aspects. It is a photographic floodlight which produces light from 7 to 15 times the intensity of sunlight. What's more, it will work on ordinary house current and fit a standard socket.

Perhaps you have seen the so-called "electric eye" which puts an ordinary light bulb to work counting noses, opening doors or separating colors. Comes now another use for the electric eye, to start an invisible voice or electronic narrator that is a boon to the absent housewife.

The "eye" actuates a unique recording device that uses metallic tape on a continuous loop. When the beam is broken by a visitor, the recorder announces thru a loudspeaker that "We'll be back in an hour," or asks the tank-wagon man to fill the gravity tank, or suggests that you can be found plowing the south forty. The messenger is only 6 by 12 inches and is fully automatic.

This department mentioned previously the matter of piping refuse directly from an automatic garbage disposal unit to the hog trough. Now we find that is a popular proceeding in the South. However, it was pointed out that freezing during winter might be something to watch. Nevertheless, such use seems practical thruout much more than half of each year in this state.

Heard a remarkable story about an electric fan the other day. A hurricane that struck Miami back in 1926 pretty well messed up a shorefront home, including burial of an ordinary household fan. Eleven years later, when the owner got around to digging out, he found the fan in "an awful mess," as he put it.

Instead of following his first impulse, the owner cleaned up the fan. It required a lot of wiping and complete

disassembly. But it ran when he plugged it in and has built up a log of 30,000 hours since. Has anyone in Kansas heard of a story to top this?

Latest twist in automatic timing devices is a clock-radio that not only gets you up in the morning to music, but will permit you to go to sleep secure in the knowledge the radio will run only a short time. It is not difficult to visualize presetting the clock for waking—but who knows how long it will take to reach the hour of slumber?

Here's another gadget in the electric line for folks who fancy their breakfast eggs done just right. It is an egg cooker with a timing device that will boil up to 4 eggs right to the second. It is table size, just about like a toaster.

There's a new fan idea on the market which gives air flow some new directions. The circulator is mounted so the flow will either parallel the floor or shoot straight up. Furthermore, the unit weighs only 3 pounds and is shaped to fit conveniently into a suitcase, just in case you want to take it with you.

The Lynn Morse family, of Saline county, have gone for electricity in a big way. It is big enough, at least, that the Kansas Electric Companies selected them as subjects for their big advertisement in Kansas Farmer this month. Furthermore, they have an air conditioner in addition to a usual list of appliances, taking very seriously the advice of the experts that the more you use electricity the cheaper it is to operate each appliance.

By the way, a solution to the damp-basement problem has come to our attention. It is an electric solution called a dehumidifier. The mechanism gathers the moisture together by means of a fan, squeezes the water into a pail, then returns the air to the room. We saw one at work that extracted more than a milk pail full from an average-size basement in less than 24 hours.

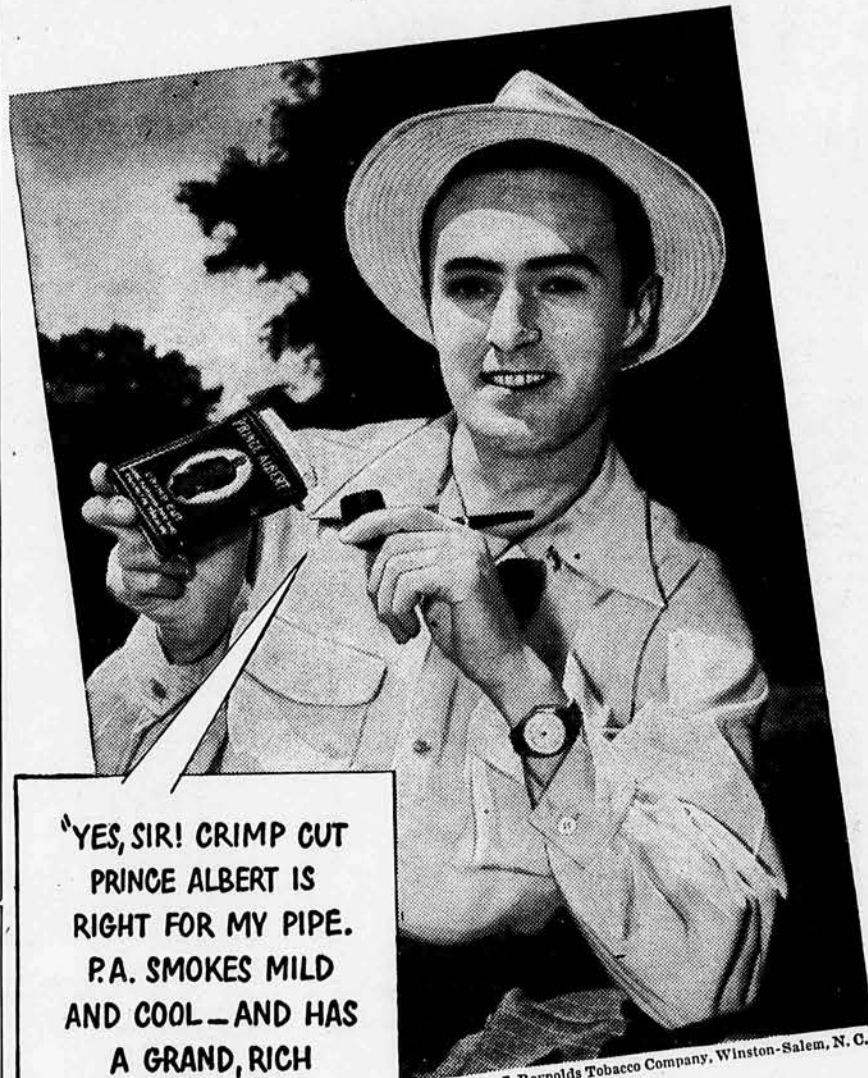
A new, improved farm wiring guide is expected to be off the press about mid-September. It is a book of drawings, photos and understandable language that has been rewritten to help farmers plan and install electric wiring in their homes and buildings. Just one year ago Kansas Farmer offered a similar booklet for electrified farms—we mailed more than 1,100 copies.

If you want a copy of the new release, we suggest you get your order in early. It's free. Write a card or letter to Electric Column, Kansas Farmer, Topeka.

Crochet Hooks Handy

I use a toothbrush container to hold my crochet hooks. They fit neatly and compactly and not one gets lost.—Edna A. Klein.

"Crimp cut PRINCE ALBERT sure is a great pipe tobacco", says Bruce Manley



"YES, SIR! CRIMP CUT PRINCE ALBERT IS RIGHT FOR MY PIPE. P.A. SMOKES MILD AND COOL—AND HAS A GRAND, RICH TASTE, TOO!"

Bruce Manley FARM MANAGER

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

The National Joy Smoke

Prince Albert's naturally mild, choice tobacco is specially treated to assure tongue-gentle smoking comfort. And crimp cut Prince Albert stays fresh and full-flavored down to the last pipeful in that handy humidor top pocket tin.

Tune in "Grand Ole Opry", Saturday Nights on NBC

More men smoke

PRINCE ALBERT

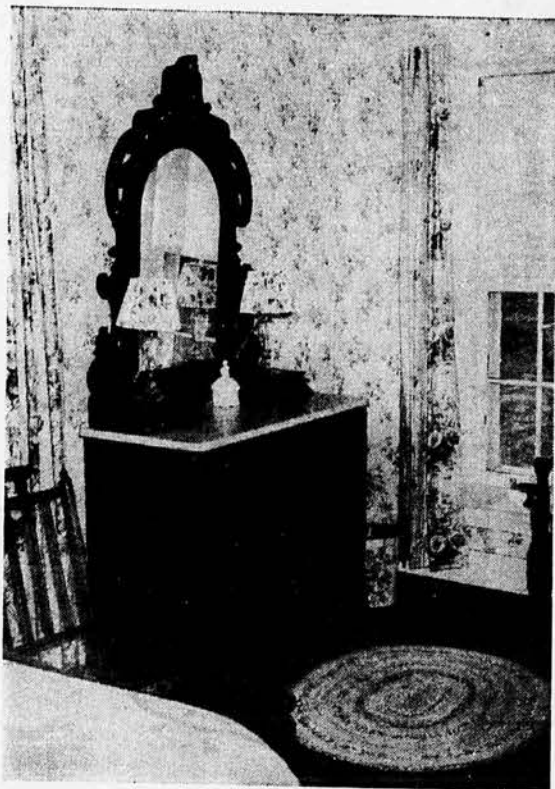
than any other tobacco

Your Best Buy Is U. S. Savings Bonds



Photos by Ralph Burdick

Above: Hand-carved walnut stairway is outstanding feature of living room. Below is chest of drawers dating back to 1800's.



Above: A peek into an upstairs bedroom shows a Sweet Gum quilt on the bed made in 1807.

Remodeling Makes It Young Again

By Nancy Myers

TAKE an 80-year-old stone house, a lot of fresh ideas, and if you're like the H. D. Pfuetzes of Riley county, you'll come up with a comfortable and charming home. "Remodeling an old house," says Mrs. Pfuetze, "is much more fun than building a new one." Their home is one of the many stone houses that are old familiar landmarks in many parts of Kansas.

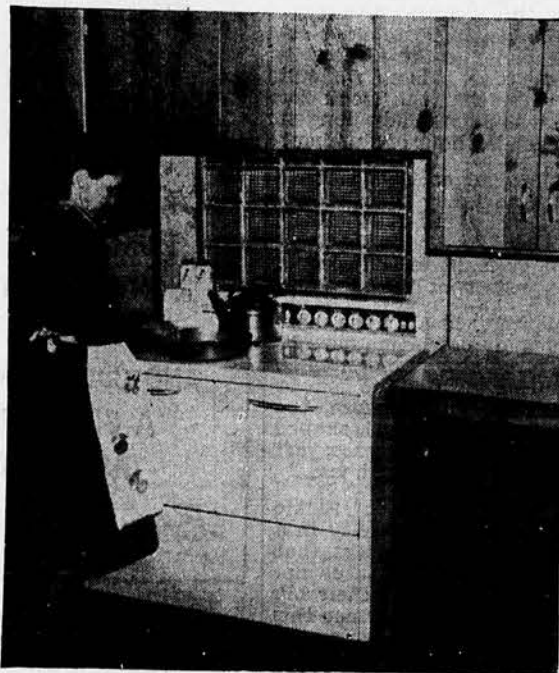
To remodel their house for modern living, Mr. and Mrs. Pfuetze changed only one partition and closed only one window downstairs. On the second floor they removed a partition to allow for 3 bedrooms and took part of the hall for a bathroom.

Suggesting that we look at the kitchen first,

Mrs. Pfuetze said it was one of her favorite rooms. "We started there with 4 uneven walls and falling ceiling," she laughed.

The kitchen, modern in equipment, has a warm and cozy look. The walls are paneled in knotty pine and the linoleum is a rich, deep green color, easy to care for. Ample cupboards were built along walls and a panel of glass blocks was constructed over the range to help provide plenty of light in the nearby work area. There are no windows on that wall of the kitchen.

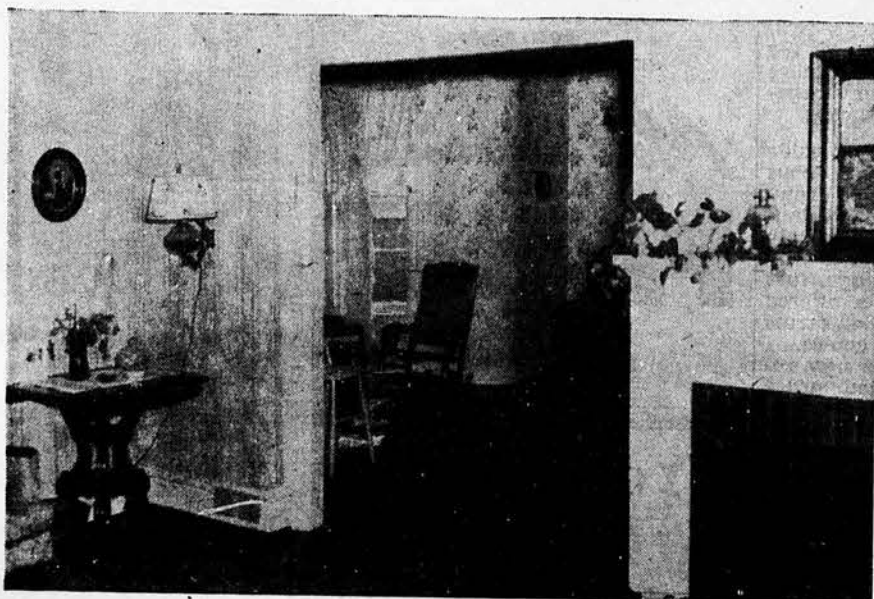
The built-in desk is a unique touch. The lower half of one of the kitchen windows was closed to make this [Continued on Page 13]



Above: A panel of glass blocks gives light in kitchen. A fluorescent light under wood paneling provides light at night.



Above: Mrs. Pfuetze sews at bay window in dining room. The old sugar firkin is used as yarn box.



At Left: View from living room into dining room shows curved wall in dining room. Fireplace was made from original stone in house.



Above: The old historic secretary was used in the first Western Union office in Manhattan.

Barbecue the Hamburgers



MOST people like simply to mix their hamburger with salt, pepper and chopped onion. A new touch is to drizzle barbecue sauce over while the hamburgers are cooking. Then serve them up piping hot in slit buns which have been toasted alongside. To serve 8 people, season ground beef with 1½ teaspoons salt and pepper to taste. Pour the following sauce over as they cook.

2 tablespoons vinegar	2 teaspoons salt
1 tablespoon flour	¾ teaspoon pepper
1 teaspoon chili powder	1 medium onion, chopped
2 teaspoons brown sugar	½ cup catsup
1½ tablespoons Worcestershire sauce	1 tablespoon hot water

Mix all the ingredients together and store in bottle. It may be kept in refrigerator for some time.

Summertime Safety

Put hoes, rakes and other tools away promptly after use to prevent accidents from cutting edges.

Keep insecticides, gasoline, poisonous cleaning materials, medicines and matches where children cannot reach them. Out of their view is still better.

Never leave tubs of hot water on the floor at chicken-picking time or on

Popular Pansies



916

Pansies crocheted of 2 colors with contrasting embroidered flowers. Use for scarfs, towels, pillowcases. Little work and much pleasure from Pattern 916. Transfer 6 motifs 5 by 11½ inches; crochet directions.

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

washday. Young children have fallen in.

Keep guns unloaded and locked up—also out of sight.

Always turn the handles of cooking utensils away from the edge of the stove, so that little folks cannot reach them.

If small children must be in the kitchen while mother is cooking and canning, use a portable, folding fence which keeps them away from the stove.

Make a tight cover for every well and fill up unused ones.

Long Life

I'd like to live to be a hundred and ten,
And die of a fall from a cherry tree then.

Against Ant Hills

To get rid of ant hills on lawn, in shrubbery and near gardens, use a 2 per cent chlordane water-base spray. Pour some of the liquid in a watering can, add 2 or 3 times as much water, mix well by stirring with a stick, then pour over the hill.

Soak the insecticide into the ground by pouring on more water. Never use oil sprays because the oil kills grass and other plants.

Remodeling Makes It Young Again

(Continued from Page 12)

drop-front desk which adds interest.

In the dining room, they kept the old-fashioned curved walls that round into a bay window. Mrs. Pfuetze pointed proudly to her what-not shelf over the door in this room that leads to the downstairs bedroom. The transom cleverly displays some pieces of antique glass.

"The stairway is one of the chief reasons we bought the place," she said as we went on into the living room. "We couldn't resist it." It is a curving stairway of hand-carved walnut at the north end of the room.

At the foot of the stairs is a window with glass shelves which display part of a collection of antique green glass. "You might guess that green is my favorite color," she smiled, noting the glassware and the green floor coverings and wallpaper.

The fireplace in the living room is new, but its trimming is of material from the original house. Mrs. Pfuetze pointed out, too, that the house has 20 windows. As in every stone house they are deep set and make an added attraction.

Upstairs the floors have been sanded to show their original, natural beauty. When they bought the place, the floors were covered with layers of dark paint. Now they show the original, 6-inch, soft-pine flooring. The large hall on the second floor makes a convenient sewing room. At the head of the stairway is a handy, built-in linen closet.

"We've tried to make the house and furniture in harmony," Mrs. Pfuetze

explained, pointing out the original features in the house plan and some of the antique furniture. Some of her prize pieces are a low chest of drawers from Virginia dating back to the early 1800's, a big secretary from the first Western Union office in Manhattan and a dining-room table once used by Mr. Pfuetze's grandfather.

She uses as a stand and yarn box in an upstairs bedroom, a sugar firkin that dates to 1853. On the bed in the same room is a quilt in white, red and lime green made in the Sweet Gum design in 1807 by a great, great, great-aunt.

"We've lived in several houses and built one ourselves," Mrs. Pfuetze said, "but this one is our favorite. We're really happy here."

Early Morning

The farm wife spreads a welcome mat
For the slowly rising sun,
She slices bacon and fries eggs
Ere the day is quite begun.

Those early hours are happy hours
Companioned with the sounds,
Of sleepy kids and friendly birds
And greetings of the hounds.

She notes the blue of valley mist
The honeysuckle's scent,
And gathers new green peas for lunch
And counts the time well spent.

—By Mary Holman Grimes

Hot and Cold Lunches

What to pack in Susan's or Bob's lunch pail 5 days a week is often a problem for the mother. Kansas Farmer's leaflet suggesting 12 menus and several recipes for making wholesome foods for the school lunch is available. Please address Farm Service Editor, Kansas Farmer, Topeka, and enclose a 3-cent stamp to cover postage.

Heat With Wood And Save Money!



Amazing fuel savings! Many users report more than 50% savings in fuel costs, still enjoying safer thermostatically-controlled 24-hour heat. Should build but one fire per season. Many heating entire homes!

ASHLEY

DOWNDRAFT
THERMOSTATIC
WOOD HEATER



Any hardwood successfully used. No fuel to build on cold mornings. Remove ashes on average of 3 times monthly. Seven models, all low prices.

Small Regular	\$47.25
Medium DeLuxe	\$59.25
Large DeLuxe	\$65.25
DeLuxe Cabinet	\$140.75

If no dealer near, immediate shipment guaranteed from factory. We pay freight. No C.O.D. Write for free details, or order direct.

Choice Dealerships Available.
Address Dept M-1



ASHLEY AUTOMATIC
WOOD STOVE CO.
COLUMBIA, S. C.

Your Benevolences

should include something for crippled children, and the Capper Foundation, Topeka, Kansas, will see that your contribution is used where it will do the most good in the treatment of handicapped boys and girls.



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GIVEN WITH FIRST ROLL PROCESSED
6-8 EXPOSURE ROLLS 30¢ COIN
12-16 EXPOSURE ROLLS PRINTED
JUMBO SIZE FIFTY CENTS COIN

B-F PHOTO SERVICE
BOX 990 BRISTOW, OKLA.

FOR WOMEN (WHO BAKE AT HOME) ONLY

BETWEEN US GIRLS

YOU CERTAINLY CAN DEPEND ON FLEISCHMANN'S DRY YEAST

YES—IT STAYS STRONG AND ACTIVE SO LONG

NO REFRIGERATION NEEDED EVER

NO—I KEEP A BIG SUPPLY RIGHT ON THE PANTRY SHELF

RISES FAST AND BAKES LIGHT. ALL PURE YEAST, NO FILLER.

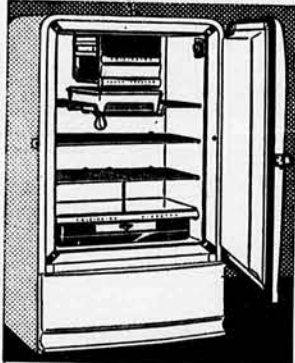
SAY! Buy 3 packages at a time. Keep it handy. It's always ready to use... always dependable.

3 times as many women prefer FLEISCHMANN'S YEAST

All Electric For Your Farm Home!

For Features - For Style - For Value
FRIGIDAIRE Home Appliances

- REFRIGERATORS
- AUTOMATIC WASHER
- ELECTRIC CLOTHES DRYER
- HOME FREEZERS
- AIR CONDITIONERS



Model ML-77 Only
\$224⁷⁵
Other models as low as
\$189.75



- ELECTRIC RANGES
- ELECTRIC IRONER
- ELECTRIC WATER HEATERS
- ELECTRIC DEHUMIDIFIER
- KITCHEN CABINETS & SINKS

SEE A PROOF OF VALUE DEMONSTRATION

Get proof before you buy! That's what wise housewives are doing these days. The Frigidaire Proof-of-Value Demonstration now going on gives you no claims, no loose talk—just straight-forward proof that Frigidaire is your best buy—all ways! Stop in at any of the dealers listed below today. See a Proof of Value Demonstration.

FRIGIDAIRE Refrigerator

Model ML-77. Big 7½ cu. ft. size, full-width, glass-topped Hydrator, big Super-Freezer, big Meat-Tender, Quickcube Trays, Multi-Purpose Tray\$224.75

SEE THEM AT ANY OF THESE DEALERS

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Shockey & Landes</p> <p>ALMA
Hasenbank & LaMar</p> <p>ALAMONT
Holmes Hdwe. Co.</p> <p>ANTHONY
Wood Music Co.</p> <p>ARGONIA
Horton Furniture Co.</p> <p>ARKANSAS CITY
Wright-Burton Hdwe.</p> <p>ARLINGTON
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Barnes Ap. & Pibg. Co.</p> <p>BAXTER SPRINGS
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Little-Stephens Furn. Co.</p> <p>ERIE
Rogers' Hwd. & Furn.</p> <p>ESKRIDGE
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Fitzola Off. Equip. Co.</p> <p>FRANKFORT
Lauer Electric Shop</p> <p>FREDONIA
Hollis Hardware Co.</p> <p>GARDEN CITY
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D & G Electric Co.</p> <p>GREAT BEND
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Elec. Co.</p> <p>HALSTEAD
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Gelman Appl. Co.</p> <p>HOPE
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Maytag Appliance Co.</p> <p>KIOWA
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A. A. Doerr Merc. Co.</p> <p>LEBANON
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Burkholder Lbr. Co.</p> <p>LEON
Losh Motor Co.</p> <p>LEOTI
Western Hdwe. & Sup.</p> <p>LIBERAL
Hettie Appl. Co. (Ref.)</p> <p>LINCOLN
B. G. Hall</p> <p>LINCOLNVILLE
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|--|---|--|---|

The Poet's Corner

More Truth Than Poetry

The "green years" of my life slipped past,
I bade them sad adieu.
And when I reached the forty mark
I felt that I was thru.
I little guessed life would be best
At a ripe old fifty-two.

—By Lucy S. Noll.

Perfection in Design

Today, while hanging out the clothes
I cocked a wary, weather eye,
And saw a scarf cloud furling there,
A lovely scroll posed in the sky.
A line of such ethereal beauty
No mortal hand could every draw,
But for my hooked rug I would treasure,
That scroll of beauty without flaw.

—By Camilla Walch Wilson.

Morning Is Brave

Morning is a brave young lady,
Waking clear and bright;
Hope and faith are her two hands
That work until the night.

Love she keeps within her heart,
Making labor gay;
Courage is the sun that shines
To lighten all her way.

—By Mary Alice Holden.

Green Thumb

My Mother has a "green thumb"
For her the flowers grow and grow;
And when she softly speaks, they come
To order, row on shining row.

Small sturdy plants all feel her hand,
Gentle but firm, right from the start;
And when in jewel-toned bloom they stand,
Surely they know her loving heart!

—By Marion Johnston.

Return Home

I would stand by the pasture bars
When the clover blooms,
When the air is sweet, and in the west
The sunset looms.

I would walk in the dust of the lane
And whistle low,
And stop to break a sassafras twig
To chew as I go.

I would drink from the cold clear spring
From one cupped hand,
And pause to admire the gentle sweep
Of my own good land.

I would stoop to lift the latch
Of the whitewashed gate,
And I'd pass inside to the small dear house
Of my heart's estate.

—By Mary Holman Grimes.

Honey for Sweetening

Use honey to sweeten cold summer drinks. Serve honey in fruit cups. If the fruits are mild mix honey with lemon juice and pour over fruits.

New Freezing Bulletin

A brand new bulletin has been prepared by the Experiment Station at Kansas State College on "Preserving Foods by Freezing." It contains the latest approved directions for preparing meats for freezing, cutting as well as wrapping. There are drawings and pictures to illustrate the procedure. It also includes directions for preparing vegetables, fruits and cooked foods for the freezer.

To obtain this bulletin ask for "Preserving Foods by Freezing." Write to the Farm Service Editor, Kansas Farmer, Topeka.

Sewing Magic



9475
SIZES
2-10

4733
SIZES
34-50

9027
SIZES
12-20; 40

9475—Bolero suit and blouse for tiny tot. Skirt is one piece. Sizes 2 to 10. Size 6 suit, 1½ yards of 39-inch material; blouse 1 yard of 35-inch material.

4733—Slimmer appearance, rounded collar and cuffs add soft flattery. Sizes 34 to 50. Size 36 requires 4¾ yards; ¾ yard of 35-inch contrast.

9027—Becoming casual with unusual shoulder and hip detail. Sizes 12 to 20 and size 40. Size 16 requires 3½ yards of 39-inch material.

*"We enjoy real summer Comfort
on our electrified farm!"*

**Says
THE LYNN MORSE
FAMILY of
SALINE COUNTY**

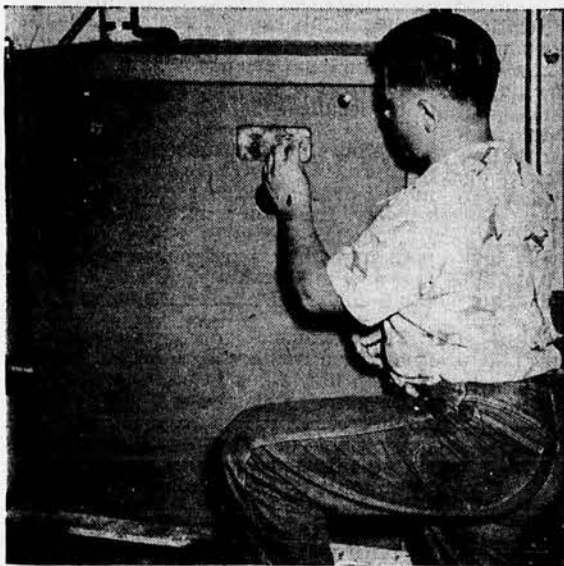


LYNN MORSE says that he has often wished for some way to bring cool mountain air into his farm home during hot summer months. Now his wish has come true for he and his family are enjoying, for the first time this summer, an air conditioner in their home.

The air conditioner is especially enjoyed during the day by Mrs. Morse while she cooks, irons, sews, washes and performs the many other details which keep a farm wife busy throughout the day.

Since it took only 2½ kilowatt hours of electricity per hour of operation on days when the temperature was above

100 degrees, Mrs. Morse has decided that her air conditioner is an economical investment for making her home cool and comfortable. "In these days of a quick-changing world, an air conditioner is no longer a luxury," she stated. "It's only natural for a farmer to enjoy some of the same comforts that city dwellers do."



Twelve-year-old Barton Morse makes adjustment on control of air conditioning unit in basement. He and his dad enjoy it most after a hot day in the field.

Mother of three children, Alma Morse knows the drudgery of a huge ironing. But with her new ironer she has more free time and is less tired after a large wash.



Large frozen food unit makes meal planning easy for Mrs. Morse. She buys in quantity at a saving, and in addition, saves money from less spoilage.



A good hot water supply is one of the most important things to a farm homemaker. In Mrs. Morse's opinion, "There're many, many uses for hot water around a farm."

**ELECTRICITY—
Does the Job Better!**

Central Kansas Power Company
Kansas City Power & Light Company
The Kansas Power and Light Company

Eastern Kansas Utilities, Inc.
Kansas Gas and Electric Company
Western Light & Telephone Company

**This Message
from the
Pioneers of
Rural
Electrification**



NEW MODEL "C"

HARVEST-HANDLER

added to the

BELT

elevator
line

Greater
Handling capacity
Easily handled
By one man
Weights only 119 lbs.
(16 ft. length with 2 HP engine)

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3. New easily removable engine mount permits power unit to be transported or stored separately.
4. Greater capacity with wider 6 1/4 inch trough with deep flared sides.
5. New Hopper design provides increased hopper capacity and permits flights to pick up load easier.

Famous Model "B's" outstanding features are also included in Model "C". Special aircraft-alloy construction combines light-weight with durability. Removable hopper sides, cover under hopper permit self-loading. Hopper sides may also be removed for loading in "tight places." Ball at head end is handy for positioning by rope, sturdy hook at hopper end for hanging on truck sideboard.

Patent Pending



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A Country Woman's Journal

By MARY SCOTT HAIR

"What plant we in this apple tree?
Sweets for a hundred flowery springs
To load the May-wind's restless wings,
When, from the orchard row, he pours
Its fragrance thru our open doors."
—Bryant.

SOMETIME during the life-span of the average person, he receives a message, tersely worded perhaps, or lengthy with details, the sum total of which pleads, "Come home! Father is sick . . . or, Mother is ill."

No matter how many plans have been made for the summer, no matter how busy the season, plans . . . everything . . . is forgotten while son or daughter goes home to help out during the emergency. Bean canning can wait . . . shelled beans are better anyway . . . and it really doesn't matter a lot if the cucumbers aren't pickled. There are several jars in the cellar left over from last year.

Perhaps the old home is miles and miles away, working a real hardship. Fortunate was I that my childhood home, to which I again took up residence for the duration, was just across the village and over by the millpond. It matters little, tho, for the "come home" appeal carries the same heart-throbs, the same nostalgic memories come crowding out of the past and challenge present-day problems, making the whole thing seem out of focus.

In my case it was my father's critical illness that disrupted my busy summer before I had time to hang my new curtains, except for the trial showing, or to do much canning. The garden became a neglected tangle of weeds and flowers with a few brave vegetables struggling to maturity. Summer vacation plans were abandoned as we settled down to tasks we had never done before.

The nights were hardest. We took turns sitting up thru the long nights. At first we could not have even a low-burning lamp in the room, so reading or mending or sewing could not be attempted to help pass away the lonely hours. Frequent were the sessions with the coffeepot, and somehow, he for whom our hearts ached, lived to see another dawn. Each long night meant another milestone passed.

Restless, disturbed, my thoughts were far from philosophical. And then I remembered a quotation from my favorite naturalist's journal, and it seemed, in that hour, as if this remembered entry was being flung my way as a challenge! And I repeated the words, a number of times: "If I were confined to a corner of a garret all the days of my life like a spider, the world would be as large to me while I had my thoughts about me!"

Gradually I became aware of the opportunities that were mine, even as I watched and waited. Hadn't I wondered, many times, which bird actually got up first to start the birds early morning chorus in summer? And hadn't I often wished I knew just when the season of small sounds . . . the music of cicadas and other night insects . . . began? Did the mockingbird sing all night long, or did he sleep part of the time? There was no time like the present, I decided, to find the answers to my questions!

So, I played a fascinating game with myself, and the more I played it, the more skillful I became. I listened to all of the little night noises . . . the wind in the trees, the sleepy twitter of little birds in the nest outside the window in the maple tree, the muffled thunder of chimney swifts in the fireplace which always sounded louder, more booming than swifts in my own chimney. The eerie serenade of little tree frogs was music to my ear for I've always loved frog music in any form! These nature-made sounds I cataloged in my mind as best I could, noting the time by my Boy Scout watch which shines in the dark. At midnight, for some cause or other, the nights were heavy with silence. It was, indeed, the witching hour! A short while afterward the little sounds started whispering . . . it was a lovely game, a beautiful sort of filing

away in the recesses of the mind a wealth of sound beauty, for times when sounds are man-made. Try it sometime, if you must keep watch while lamps burn low!

One of the often-heard remarks of a first time summer visitor to our home is, "How nice and cool it is here! How inviting your shade trees are from the highway!"

Such remarks please me right down to the bottom of my heart, for, with the exception of one maple on the east of the house, every last one of our trees was planted by members of our tree-loving family. We've watched them grow from little bits of life into trees that share our dooryard and make a summer paradise for the birds.

Not all of the trees are of the "shady" kind, for here and there among the elms, the maples and the walnuts are fruit trees. An exponent of simple living, I have always believed that, with an apple tree, a few sheep and half a dozen hens, one could live and enjoy the processes of living.

It is little wonder, then, that the favorite of all the trees is an Early Harvest apple tree, brought from a favorite cousin's orchard to mark my Arbor Day festivities that particular year. Its thick, low branches reach out over the front yard fence and falling apples in season are the delight of all small boys in the neighborhood. From the time the first green apples are big enough to eat until the last ones are mellow and fragrant, my apple tree is worth its weight in applesauce!

A plum thicket shades our cellar and makes a leafy bower for my slab bench, moved over a bit from underneath the window. Here, on a summer morning, I bring the beans to string, a bit of mending and often I polish my shoes and now and then my nails as I sit on the homely old bench in the shade.

There was not room on our little farm for a real orchard but out by the chicken house our Uncle George, long since gone to his reward, planted the apple trees I ordered from a seed company. Some of them lived a few years then died. The remaining ones, buffeted by summer's windstorms and lashed by winter's gales have grown crooked and low-branched, just right for climbing up until you can see inside the robin's nest, and watch the little doves in their shapeless, make-shift home.

A book that impressed me a great deal was "Under the Apple Trees," by John Burroughs. In the initial chapter he told why he gave that title to his collection of essays. "Most of the essays were written in my camp under the trees in the old orchard where I gathered apples as a farm boy. The wild life about me appealed to my love of natural history while thoughts and suggestions from beyond the horizon occupied my more philosophical meditations."

With summer well advanced there are numbers of interesting things to observe as you go about your chores, or walk to town to market the eggs and buy groceries, if you walk! And you'll be missing a lot if you don't walk now and then, just for the fun of it!

Now is the time to observe the black swallowtail butterfly seen so frequently fluttering about clover blossoms. Did you know that this butterfly selects one special kind of food plant for its young? Its eggs are deposited only on some members of the parsley family.

September Fun

It's fun to have a school-days party in September—readin' an' writin' an' 'rithmetic, also singin' and "jogaphy." Our leaflet, "A School Days Party," offers suggestions for invitations, decorations, entertainment and refreshments. Send 3c for a copy of this leaflet to Entertainment Editor, Kansas Farmer, Topeka.

Observe Burbank Centennial

Left Untold Wealth to World

THIS year the people of our country observe the one-hundredth anniversary of the birth of an American who left immeasurable knowledge and wealth to the people of the world—Luther Burbank.

In May, 1926, at the time of his death, one editorial writer said, "Few men in the history of the race have done more that will survive in the gratefulness of their fellows than this gentle scientist."

Burbank was creator of the Shasta daisy, the thornless cactus, the Burbank potato and numerous improved varieties of fruits and flowers. Men like Burbank occur rarely in history. There were people who said at his death he was the most useful man in the world. For the world must have food, and he showed his generation how to find more food than the previous ones had believed possible.

His discoveries in the development of the potato added immeasurably to the food supply of the earth. But to put a money value on the work of Luther Burbank is an impertinence, for he cared nothing for cash reward. He was a great creator, a kindly man, a near-genius, a man who admitted that patience and concentration were the secret for success in his field of work. He had both.

Is This True?

At one time in an interview he declared, "One law governs all. It governs the plants and it governs us. Nature does not plan; nature is not trying to produce better plants or better men. Nature is neither good nor bad. Nature is unconcerned."

Luther Burbank stripped the thorn from the berry bushes, removed stones from plums, produced transparent berries, grapes without seeds, and flowers more beautiful than humans had ever seen.

When people began calling him the "plant wizard," they ignored all the painstaking drudgery which he experienced in raising millions of gladiolus

blossoms to get the colorful varieties we know today. They ignored the fact that he produced 10,000 cross-fertilizations of the plum and apricot before he perfected the final result. He spent 16 years in eliminating thorns from the cactus plant. He labored for years to give perfume to flowers which lacked it in natural state.

He turned small flowers into giants, developed the Burbank rose which is outstanding today. At Santa Rosa, just north of San Francisco, he found a spot for many of his experiments. The climate was right for an enormous variety of flowers, fruits and vegetables.

By cross-breeding, grafting, inbreeding and other horticultural practices he was able to fix good traits in plants, even to build new ones. By selection he produced a pea according to the specifications of a commercial canner of vegetables. The favorable climate of California allowed him to produce 2 and 3 crops of certain vegetables, thus hastening the end results.

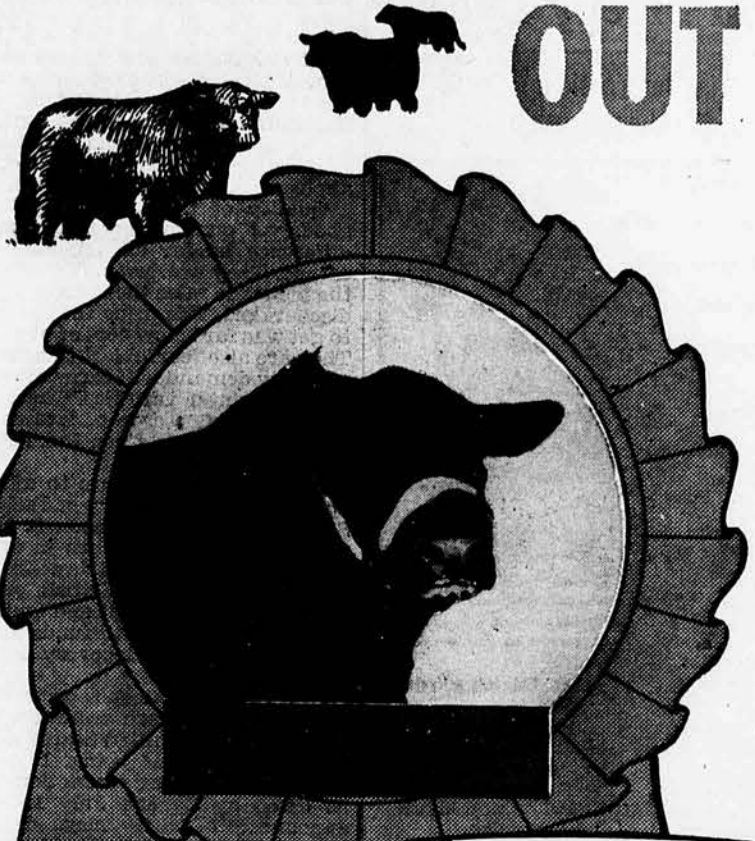
Mr. Burbank viewed all nature with a practical eye. He became convinced that nature painted our flowers originally, not to gladden our mind and eye, but to advertise to busy bees, butterflies and moths, the store of honey which they kept on hand. Thus she contrived to make the honeybee an errand boy to carry pockets full of pollen from one place to another, in an organized system of special delivery. To improve their colors and their perfume he learned he must depart from the ways of nature.

Our vegetables, our fruits, our flowers, today, are the results of the painstaking genius of the man all America honors, Luther Burbank.

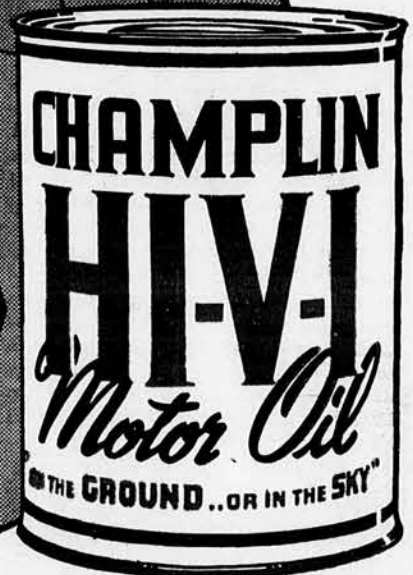
Protects Upholstery

To protect the backs of chairs and sofas from oil spots from the hair, place a double fold of facial tissue directly under the lace chair back.—Mrs. V. T.

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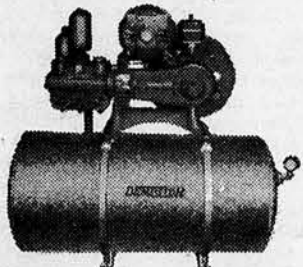
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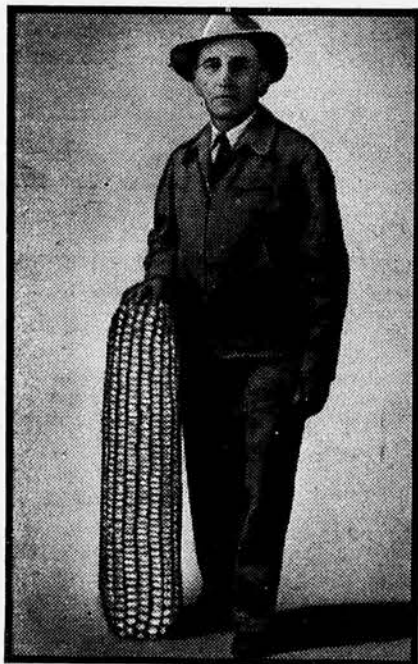
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Henry Leitschuh Grows Great Corn In Sleepy Eye!

Wins International Grand
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HENRY AND "CAMERA-ENLARGED" CORN

Raises corn, raspberries, doctors

SLEEPY EYE, MINN.—Henry Leitschuh won his first farm championship in 1912. He's been winning ever since, on almost every crop. Now his own selective breed of corn, Minowa 110, is International Grand Champion!

* * *

Eight new hybrid varieties developed and registered by Henry since 1933. With that kind of enthusiasm, Leitschuh farm may soon produce corn as big as the ear Henry displays in the stunt picture above! Another Leitschuh enthusiasm: Wheaties. Henry eats these delicious whole wheat breakfast flakes almost every day. Likes them with cream and raspberries. Grows his own berries.



RAISES DOCTORS TOO!

Mr. and Mrs. Leitschuh have three sons. All three doctors. Also, two daughters-in-law are nurses, one a medical technician. As in so many other families, all eat Wheaties. America's favorite whole wheat flakes. Nourishing! Three B vitamins, also minerals, protein, food energy in Wheaties. Famous training dish. "Breakfast of Champions". Had yours today?

50% more Wheaties for your family in the Extra-Big-Pak. Made-to-order size for active, hungry families. Saves grocery trips too. Get your Wheaties in the thrifty Extra-Big-Pak!



"Dave won't need us . . . he just finished a whole box of Wheaties."

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

Pass the Applesauce

By JAMES SENTER BRAZELTON

EARLY apple varieties make better applesauce than any other kind. It once was common practice to can great quantities of Yellow Transparent, Duchess or Wealthy apples for winter use. In those days the matter of what to have for dessert was no problem. A big bowl of applesauce was on the table every meal as long as the fresh summer apples lasted. But, judging by the slow demand for these varieties, the popularity of good, juicy applesauce must have dwindled.

Quality of these early apples was good, yet quality seems to make no difference as far as demand is concerned. They are just not wanted, and the men who raise them are very much discouraged. The price they were able to get was far below cost of production. They are also fearful lest this low price and slow demand will carry over to the fall and winter varieties. There promises to be a fine crop of late varieties and growers have given them the best of care this summer.

One thing almost sure to affect the apple and pear industry of the United States this coming season is the import restrictions that are in effect in some European countries. It is expected the present British embargo against American fruit and fruit products will continue until funds provided by the European Recovery Program become available.

According to latest reports the Canadian ban on fresh fruits and vegetables from the United States will continue for the time being. It was expected that import restrictions would be lifted by Canada July 1. But, as announced in Parliament, deterioration of American dollar holdings made it impossible to carry out the Canadian government intention.

One Neglected Market

Up to now it has been impossible to persuade foreign nations to spend their shrinking dollars for anything other than the most necessary food, and no improvement in this condition is likely. Consequently the apple industry in this country must look to domestic markets for the export-size apples. It seems to this writer that the expanded school lunch program is a neglected market.

It is estimated the school lunch population amounts to 7 million children daily. That many hungry mouths could get on the outside of quite a good many apples. I see no reason why surplus apples in every community could not be sold at wholesale prices to school lunch program directors.

For the coming year the school lunch program has an independent appropriation of 87 million dollars.

This year Doniphan county has a peach crop far above average. As was the case with early apples there is virtually no market for them. To make matters worse consigned shipments from Arkansas, Illinois and Colorado are brought right into our territory without regard for the welfare of home growers. Disposal of fruit we raise here would not be quite so difficult if we did not have to compete with this shipped-in stuff. Many growers have not been able to sell their peaches at any price. As a result hundreds of bushels of first-quality peaches have been dumped. What this territory needs badly is a cannery to take care of such situations.

Altho the tomato acreage in Doniphan county has been greatly curtailed this season, growers are having tough luck trying to sell tomatoes.

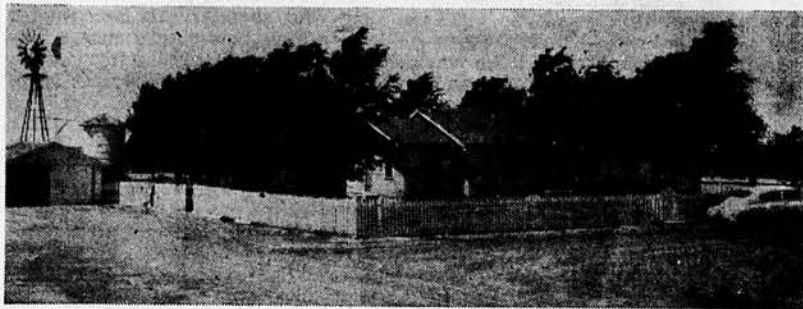
By the middle of August Moores Early grapes were ready to harvest. There is an abundant crop both of this variety and of Concord. Due to so much damp weather black rot is quite prevalent even in vineyards that have been sprayed. Where black rot does not occur the quality of grapes is unusually good. Wet weather can be given credit for this. It has made possible larger bunches and larger berries.

Concords usually are ready to pick about the first of September. Jonathan apple harvest and Concord picking time sometimes coincide. Grape prices last year did not average as good as prices of years immediately preceding. We hope consumer demand for grapes is better than for early apples, peaches and tomatoes.

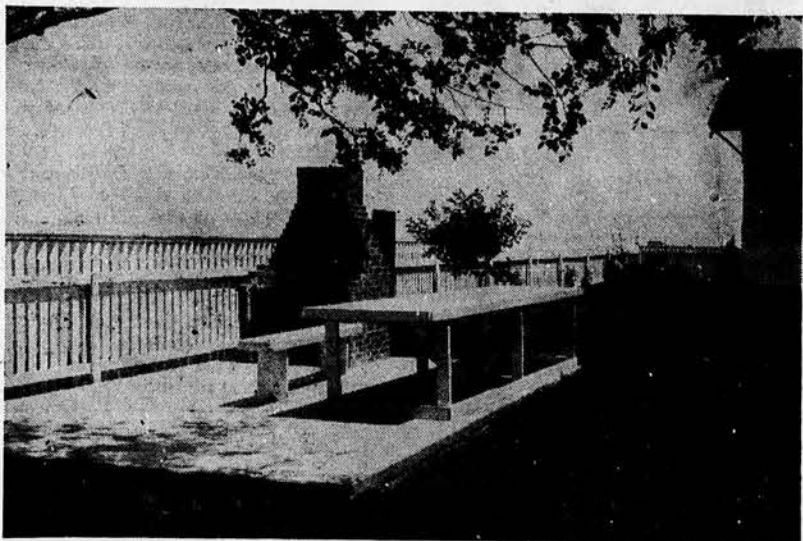
Pleats Stay In

To keep draperies straight, run a small wire thru bottoms of draperies. This will hold the pleats in any desired position.—Mrs. X. Y. Z.

Satisfying Farm Living



The well-manicured farmstead of the Jess E. Taylor farm, Greeley county, springs up from the prairies like a movie set.



Here is a corner of the Jess Taylor lawn, showing the new picnic area. Note fine stand of bluegrass. An irrigated garden section is to the right of this picture area.



A discarded wood-burning kitchen range makes an excellent outdoor fireplace when properly installed. This one on the Jess Taylor farm is being demonstrated by Mr. Taylor.

To Help You

Inquiries from readers have been received recently regarding subjects of the following Kansas State College Experiment Station bulletins. Anyone who is interested in having more information on these subjects, may order a free copy of these publications from Bulletin Service, Kansas Farmer, Topeka.

- Circular No. 252—The Stock-Share Lease.
- Bulletin No. 286—Equipment for Swine Production.
- Bulletin No. 326—Poultry Diseases.
- Circular No. 161—Raising Dairy Calves.
- Circular No. 243—Newcastle Disease.

To Mound Valley

Floyd Davidson has been appointed superintendent of the new Mound Valley branch experiment station of Kansas State College. He formerly was superintendent of the Southeast Kansas experimental fields.

The Kansas legislature appropriated \$105,000 to establish the Mound Valley station and for research and improvement of the 242-acre tract.

This branch is the first experiment station in Southeast Kansas. It is located midway between Parsons and Coffeyville, in Labette county. Other Kansas State branch stations are at Hays, Colby, Tribune and Garden City.



Floyd Davidson

To New Job

Harry Lewis, formerly with the Perry Packing Co., of Manhattan, has been chosen as marketing assistant for the Division of Marketing of the Kansas State Board of Agriculture. He assumes his new duties about September 1.

Kimball Backus, director of marketing, stated that as marketing assistant, Lewis will make studies on graded egg buying and over-all poultry-marketing problems in the state. Lewis has 26 years of experience in buying and processing poultry and poultry products. At present he is president of the Kansas Poultry Industry Council, and is a member and past president of the board of directors for the Kansas Poultry Institute.



Harry Lewis

Crossbreds Not Scrubs

Crossbred beef cattle can be much better than they look, according to the U. S. Department of Agriculture. An experiment in crossbreeding was completed recently. It indicates there are practical possibilities of controlled hybridization of beef cattle.

High-quality sires of Shorthorn, Hereford and Angus breeding were used in rotation. The offspring showed the results of hybrid vigor. They made economical gains in the feed lot. The carcasses graded well and slaughtered to advantage. Buyers of the finished cattle, the packers, favor such animals.

Animal for animal, these crossbreds averaged "better in nearly every respect" than the purebred stock from which they stemmed originally.

Main trouble in the program is that the crossbreds do not reveal a smooth running, even colored, "look alike" lot of cattle. For that reason feeders often

discriminate against these "off color" cattle. The feeder tends to look on these cattle as scrubs just because they are crossbred. A system of direct marketing may be necessary to overcome this tendency.

Enters Duroc Contest

After ranking high in Duroc circles at the Hutchinson State Fair last year, Natalia Johnson, Cloud county 4-H member, is entering a litter of 10 spring pigs in the Duroc ton-litter contest this year. She is the daughter of Sidney Johnson, registered Duroc breeder.

Last year she had 2 barrows and 2 gilts entered in the 4-H division of the Hutchinson fair. The barrows drew blue ribbons, the gilts one blue and one red. She showed the barrows in the open show and placed first and third in the heavyweight purebred Duroc division.

Waxed Paper Does It

If starch is not handy when you want to block a lace doily, place waxed paper on the doily and press with a hot iron. It will come out beautifully.—Mrs. W.

Saves Time

After cleaning the refrigerator, line the cold-storage vegetable drawers with paper toweling. They are easier to clean the next time.—Mrs. C. F.

Please Be Careful

AN ELDERLY farmer walked behind a wheat truck, which backed up and ran over him, causing fatal injuries.

A boy 17, who was excessively tired, was driving a one-way. Another worker suggested that he get off the machine and sleep in the field for a while, and he did so. Another man, also driving a one-way, did not see the sleeping boy and ran over him, inflicting injuries which caused his death a short time afterward.

A farmer and his teen-age son were attempting to load a pony in a truck. The pony reared and struck the farmer in the face, causing a deep cut and a broken nose, which later resulted in death from an embolism (blood-clot).

Every few days during the busy season, Kansas newspapers report a death from unsafe use of tractors—such as driving on the edge of an embankment, or up or down a steep slope. These deaths give us tragic warning to use the indispensable tractor safely. Never allow a child to ride as a passenger on one—several Kansas children have been accidentally killed this way.

—Kansas State Board of Health

Hybrid Corn Moves North

Hybrid corn has invaded Canada. And apparently there are no complaints from the Canadians. The invasion started in 1938. The foothold in 1939 was about 10 per cent of the husking corn acreage of Ontario. But hybrid corn has since swept over the province

to snatch 95 per cent of the husking corn acreage. That is more than 60 per cent of Ontario's corn plantings for both husking and ensilage.

Hybrid varieties also have been introduced and tested for ensilage value and yield. Ensilage is an important use for corn in the Ontario dairying district.

More Profits Are



When You Use **BEM BRAND** Fertilizer

The proper application of BEM BRAND Fertilizer to your soil the year 'round will increase the productivity of your land—help insure earlier marketing of better crops and "Bring Extra Money" to your farm. Buy your BEM BRAND Fertilizer today. Your BEM BRAND dealer has the right grade for your soil and crops.

MAKE YOUR FARM PAY WITH HELP FROM A.A.A.

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

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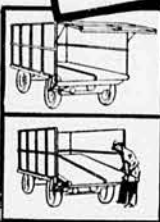


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Add Years To Your Silo With

SILO SEAL

Merit

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

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

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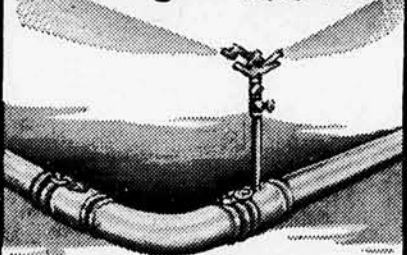
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"Greatest feeder ever built!" say hog men. Re-pays cost over and over again in time and feed. Wider at bottom, never clogs. Improved trough covers keep feed dry, any weather. Feed controls adjustable for all feeds. Feeds from both sides. All steel. Can't bulge. Easy to move. 55-bu., 30-bu., 15 bu. and 4 1/2-bu. sizes

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FLEX-O-SEAL PRESSURE TIGHT PORTABLE IRRIGATION PIPE

Don't wait until your crops are burning up to buy FLEX-O-SEAL Irrigation Pipe. Do it NOW - and be ready to supply water where and when it is needed. A patented flexible coupling makes it adaptable to level or rolling ground. Available in Aluminum or Galvanized 3, 4, 6 or 8-inch diameters. Write for FREE folder and name of nearest dealer.

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FLEX-O-SEAL

Rheumatic Fever Is Treacherous

By CHARLES H. LERRIGO, M. D.

THERE are certain ailments to which the child of school age is especially subject. Rheumatic fever is one. When we speak of rheumatic fever in a child we may be sure heart disease is a serious consideration. Often it is difficult to discover any particular reason why the child should be afflicted. And, all too often, complaints the child may make are dismissed with the idea that they will be outgrown. It is in just this way rheumatic fever does its treacherous work so that suddenly the discovery is made that the heart is seriously affected.



Dr. Lerrigo

Quite commonly the disturbance that runs into rheumatic fever is first classified as cold, yet the cold is not of the ordinary type. It is not a matter of sniffles due to adenoid enlargement. It is not a matter of bronchitis or tuberculosis. It should not be classified as a cold by one making a careful study. Because associated with the cold symptoms we almost always find mysterious aches and pains in one or more of the limbs and, quite frequently, shortness of breath and pain in the chest; altho this is by no means an early symptom.

Have a Health Checkup

Many are the families in which one or more children have not had a healthful school year. There have been frequent absences for physical upsets of one type or another. Parents have resolved that something shall be done about it "just as soon as school is out." Any child who had a disturbing health history in the last school year should have a very careful going over by the family physician before school starts again. Be prepared to emphasize rest periods, not for one single day but for every day if there be need. Naturally a child who is taking regular rest periods will not be able to enjoy the boisterous jaunts that are the privilege of children in robust health. But to bring a child back to health is worth sacrifice especially if the threatening ailment is rheumatic fever.

Rest Will Help

Chorea, too, commonly known as St. Vitus dance, is an ailment quite akin to rheumatic fever, an ailment in which a period of complete rest is certain to be of great value to the sufferer.

It is not to be expected that one can cure chronic tonsil and adenoid com-

plaints until necessary surgical attention has been provided. Once this has been cared for, however, such a child is definitely in line for the rest that will help him build up and be in readiness for a school year in which there need be no recurrence of his handicaps.

Not Pellagra

I am 43 years old and sometimes sunburn-looking spots come on my arms, on my back and across my nose. My skin is smooth. It only bothers me in summer. Could it be pellagra? I seem to be all right. Other ways I don't suffer.—Mrs. M.

I think it quite unlikely such spots are Pellagra. They might be sunburn, or perhaps the well-known "moth patches."

Need Protection

I would like to ask you a question about children from one year or older. Is it all right not to let them wear long stockings in winter? A lot of mothers say they are just as healthy without long stockings but I can't quite see it that way. One doctor told me to dress them according to the weather.—Mrs. F. R. T.

Much depends upon the degree of exposure which the child meets. In city life perhaps a child goes only 3 or 4 blocks to school. A dash of a few blocks does no harm to the bare-kneed youngster for the general circulation is not affected. But a country child, perhaps walking or riding 2 miles, must have better protection. The doctor who told you to dress them according to the weather is right. It depends upon what kind of weather and how much of it.

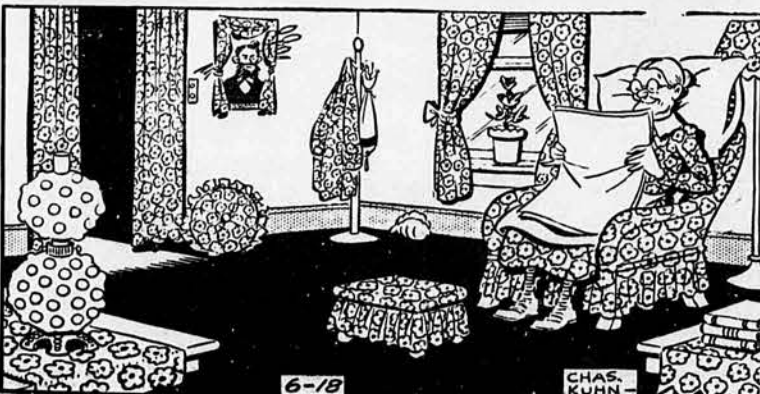
Listen for Bell

For that runaway 2-year-old, try tying little bells, the kind that come on Christmas packages, one on each shoe or boot. The tinkling won't be loud enough to annoy, yet surprisingly, the sound will carry a remarkable distance.—W. R. H.

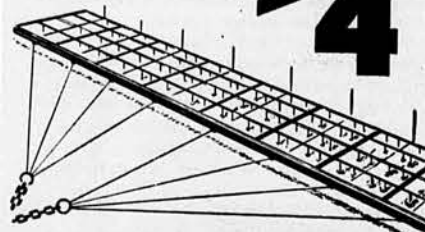
New Safety Book

A farm safety guide especially valuable for use in 4-H Club safety work now is being offered free. The booklet, "Safety Guide for the Farm and Home Front," divides accident hazards into various classes and offers a chart on each class for marking down what action has been taken to prevent such accidents. The booklet is brief and well illustrated. It can be used for 4-H discussion groups or for direct-action safety programs. Order your free copy from Farm Service Editor, Kansas Farmer, Topeka.

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HEARTBURN?

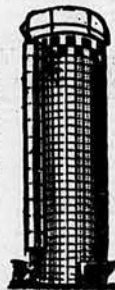
Acid taste in mouth? That awful gassy feeling? Then—try a switch to POSTUM!

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

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

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Save Soil

(Continued from Page 4)

Farmer magazine, Topeka Daily Capital and WIBW radio station. Bonds of \$100 were presented to second winners by the 2 publications and the radio station, and \$50 bonds were awarded to third place winners.

Second and third places in the senior division were close. Louis Carter, Washington county, rolled up a score of 113.13 points for second place while Bill Putthoff, Atchison county, was close behind him with 112.82 points.

Second place winner in the junior contest was Sam Miller, Geary county, who earned 102.45 points. Third place went to Jack Wofford, Jefferson county, with 99.85 points.

Winners to National Meet

Plow terracing contests in the state have become an interesting farm sport. They call on the competitive spirit of both young and old. Each contestant in the state event had competed earlier in county-wide contests to determine eligibility in the state event. The state winners will go on to compete in the national plow terracing contest this fall.

But aside from the sporting angle, these contests demonstrate again that good terraces can be built with a moldboard plow. In this year's state contest, that fact was demonstrated to a large crowd estimated at more than 20,000. There were swarms of people winding up and down the slopes all day long. Even a fairly accurate count would have been impossible, because the roads leading to and from the contest field were busy all thru the day, and spectators were widely scattered.

It is extremely difficult to find fields for the state contests that will give an even chance to all contestants. And that fact alone points to the urgent need for more soil-saving practices in the state. This year's contest field did not appear badly eroded. There was one main gully bisecting the field. It appeared to be stabilized. But a check of soil conditions along the terraces being built showed the plain truth. There had been a lot of sheet erosion thru the years.

One Contestant Mired Down

Along the summits soil worked well. Almost too well for plow terracing. It became so loose that one of the junior contestants had difficulties. His tractor mired down in the middle of his terrace at one time.

But down the slopes it was a different story. Soil became heavy. Along some terrace lines it was tough going. The plows were working in wet gumbo with the first cut. Topsoil was virtually gone. Terraces, contour farming and a good rotation of crops can prevent that. They also can help the farmer produce progressively higher yields where similar conditions exist.

All 35 contestants were ready to roll when a long streamer, dropped from a low-flying airplane just a few minutes after 10 in the morning, signaled the start. A few contestants had completed their terraces an hour later. But most took more than 1 hour.

Time, of course, is only one phase in judging the winners. And the time element depends a great deal on size of tractor in use. Horsepower was rated down to give each contestant equal opportunity. The time element is figured into the cost or efficiency factor in the

race and accounted for a total of 25 possible points.

Appearance and measurements of terrace are most important. A maximum of 40 points could be obtained on the channel cross section. And 40 points were credited to slope and tillability of the terrace. The terrace also was judged from the standpoint of uniformity and alignment, a maximum of 20 points being available in that department.

Four or 5 times as many officials are required to judge and regulate a terracing contest as there are contestants. A timekeeper is required for each contestant. Then when the terrace is completed a team of 2 men with rod and level check dimensions of the terrace accurately.

Several field judges are required to pass opinion on slope, alignment, uniformity and tillability.

Finally, when all these reports are made at headquarters, it takes a whole crew of workers with adding machines and slide rules to determine final scores. Headquarters in this year's contest was in an old abandoned stone house at one end of the contest field. Reports were sent in to headquarters via walkie-talkie radio, which added a new wrinkle to the contest sights.

Fire-fighting Demonstration

Even with all these conveniences it takes several hours to make final compilations. During that time the large crowd of spectators watched a fire-fighting demonstration put on by the Evans Orchard Supply Company, of Kansas City. A mound of straw was soaked with gasoline and ignited. It took a few minutes to put out the hot blaze, but it required only 64 gallons of water.

The water was forced onto the fire with standard spraying equipment under 800 pounds of pressure. The secret in being able to quell the fire with such a small amount of water lies in the fact that the water was forced thru a comparatively small hole in the nozzle which breaks it up into extremely fine particles.

Also while waiting for final results on the contest proper, the crowd witnessed a tractor derby, the first of its kind in the state contest. The derby was put on by 7 members of the Jefferson county Rural Youth group.

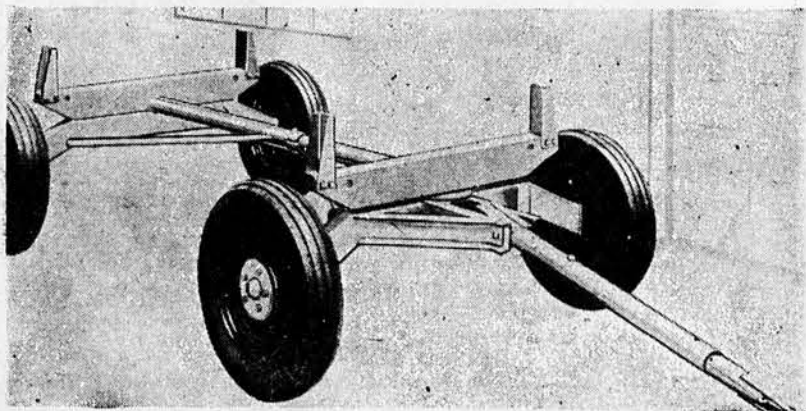
Bergman, the senior division winner, came close to a perfect score. He came within 4 points of the maximum possibility of 125. He lost those 4 points in the uniformity and alignment of his terrace. He had perfect scores of 40 for each of the first 2 departments: channel cross section, slope and tillability. He also scored the maximum of 25 in the fourth department, cost or efficiency.

Jimmie Dodd scored a maximum of 25 in the cost or efficiency department, but fell off some in the other 3. But his total was nearly 5 points better than the next highest competitor. His score was 36 out of 40 for channel cross section, 28.75 out of 40 for slope and tillability, and 18 out of 20 for uniformity and alignment.

Paint Removers

To remove paint splashes from windows, wash with turpentine, ammonia or hot vinegar. A razor blade may scratch the glass.—V. P. C.

Ready for Heavy Work



Here is the new Winpower heavy-duty wagon, a popular product. Winpower Manufacturing Co., recently purchased the farm-equipment business of Knapp Brothers Manufacturing Co., including the well-known Stahmer line of all-steel farm wagon boxes, fertilizer spreaders and hydraulic lifts. The Stahmer line will be continued and supplemented by other farm equipment made by Winpower.

Lamb Feeders!



A Typical case of Overeating Disease
Photo Courtesy Colo. Agri. Exp. Sta.

Now You Can Push Lambs on Full Feed Lamb Down Corn Fields Without Worry

A new discovery of veterinary science now ends one of the worst worries of the lamb feeder. A new bacterin has been developed, which PREVENTS "Overeating Disease" (Enterotoxemia). Now you can self-feed your lambs, get them to market FASTER, without the losses from overeating disease.

Feeders Enthusiastic

Last season, this bacterin was used on over 900,000 lambs. Losses from overeating disease were reduced to a mere fraction in vaccinated bands. Owners were enthusiastic. Many who got out of lamb feeding because of "overeating disease" losses are going back in this fall. Because they can now do so safely, thanks to this new development. Here are several typical comments:

From Iowa: "Here on our farm we have been feeding Western lambs for 30 years, with overeating disease sometimes killing as many as 71 out of 746. Since starting to vaccinate with the new bacterin, we have no overfeeding death losses."

An Illinois Feeder: "Our lambs ran in standing corn, followed the picker, had all the corn they could eat. During the 90-day feeding period we lost no lambs—whereas with other lots, unvaccinated, our losses ran as high as 10%."

These are typical of reports from feeders all over the country. They also say many of their neighbors are going to feed lambs this fall, after seeing the amazing protection given by this bacterin.

Call Your Veterinarian

To get the benefit of this new method of preventing losses, call your veterinarian. Lambs over 2 months old can be immunized for the full feeding period. Only one treatment is necessary. Allow about 10 days after vaccination for complete immunity to develop. Then, self-feed, lamb down corn fields, graze wheat and bean fields, push them to early market, at the resulting better profits!

Low In Cost

One or two lambs saved will pay the cost of vaccinating about 100 lambs. Compare this with the cost of usual losses from overeating disease and you will see why experienced feeders call vaccination "the greatest forward step in years." Consult your Veterinarian now for full information. Plan NOW to protect your 1949 feeding profits!

Ask Your Veterinarian NOW!

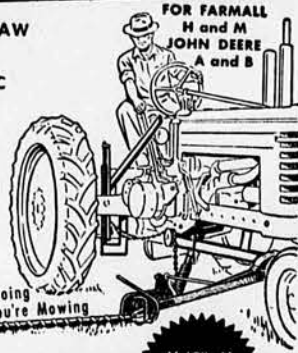
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Coming Events

August 22-23—Pottawatomie county fair and 4-H Club show, Onaga.

August 22-24—Jefferson county 4-H Club fair.

August 22-26—Jewell county State 4-H Conservation Camp.

August 23—Coffey county beef tour, starting at 1 p. m., Burlington.

August 23—Cherokee county terracing and tillage demonstration, Cherokee County Farm, 1 mile east of Columbus.

August 23-26—Harper county 4-H fair.

August 25-28—National Flying Farmers convention, Fort Collins, Colo.

August 26—Ellsworth county beef tour.

August 29—Ellsworth county 1949-50 outlook meeting.

August 30 - September 2—Greenwood county 4-H fair.

August 30—Osborne county fall outlook meeting.

August 31—Mitchell county outlook meeting.

August 31-September 5—Seward county. Five State Free Fair and Race Meet.

September 6—Greenwood county farm management outlook meeting, Eureka, 2 p. m.

September 6—Cloud county unit health leaders' meeting, "New Treatments and New Medicines," Martha Brill, KSC home health and sanitation specialist, Concordia.

September 7—Reno county farm management outlook meeting, J. H. Coolidge, KSC specialist, Hutchinson.

September 7-8—Swine show, first annual, Kansas City, Mo.

September 8—Reno county citizenship meeting, Pratt.

September 9—Marshall county farm management outlook meeting, Marysville court room.

September 9—Finney county pasture improvement tour, Garden City.

September 10—Cloud county 4-H radio broadcast, Station KSAC, 1:15 to 1:30.

September 10-16—Shawnee county, Kansas Free Fair, Topeka. It is the 69th annual exposition.

September 13—Cloud county parents study groups, Mrs. Vivian Briggs, KSC family life specialist, leader, Concordia.

September 15—Marshall county home demonstration units crafts day, Marysville City Park.

September 15—Ellis county sorghum growers field day, Hays Experiment Station.

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

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

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

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

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

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

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

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

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

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

September 30—Reno county sorghum field day.

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

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

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

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

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

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

October 6—Ellis county farm management meeting.

October 8—Cloud county 4-H foods leaders' meeting, "Quick Breads," Elizabeth

Randle, KSC foods and nutrition specialist, leader, Concordia.

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

October 10-11—Jefferson county agricultural engineering school.

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

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

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

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

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

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

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

October 21—Cloud county citizenship leaders, Per Stensland, leader, Institute of Citizenship, Concordia.

October 25—Sumner county beef field day, Caldwell.

October 25—Cloud county home demonstration units annual achievement day, Concordia.

October 26—Harper county beef tour.

October 27—Cheyenne county, meeting of farmers and bankers to discuss county organization of farm management association, H. C. Love, leader.

October 27—Osborne county sorghum field day.

October 28—Finney county turkey field day, Garden City Experiment Station.

October 28—Reno county beef tour, Lot Taylor, KSC specialist.

Needle Teaches Geography

HAVE you children just starting in school? Perhaps a little needlework like that done by Mrs. Herman Vathauer, Washington county, several years ago will help them learn their geography more rapidly.

Mrs. Vathauer embroidered a map of the United States, outlining each state. Then within the boundaries of each state she embroidered some article or several articles for which that state was noted. Kansas showed wheat.

This modern version of the old-time sampler attracted interest of her children. By looking at it and studying it they learned much about geography before reaching that course in school.

This map now adorns one wall in the Vathauer living room.

Mrs. Vathauer says she had so much fun in making it she made another sampler of their farm. This shows location of crops grown on the farm in 1945.

Enough of neighboring farms was included to make it come out in a perfect rectangle for framing.

Different colors were used for different crops. Since it was fall, she used a pinkish hue for pastures. New wheat was green and a different shade of green for alfalfa. Brown was used for corn. Even small groves of trees, that

year's potato patch, ponds and terraces show on the farm outline.

The farm buildings show, too, on this second sampler. But there is a red fireplace and chimney on the home which is not real. Mrs. Vathauer says they had planned to build the fireplace, so she sewed it in, too. Then they changed their plans and installed gas instead.

Mrs. Vathauer says her son, Gary, 14, has somewhat of a knack for wanting things authentic and she gets criticized somewhat for the error. Nevertheless, she says she had a lot of fun in making it.

For Hair Combs

To clean a comb thoroly and quickly, just put it in a pan of water to which a few drops of Clorox have been added. Let stay a moment and the comb is clean.—Mrs. B. B.

More Closet Hooks

If you need extra hooks for hanging up clothes, try this simple suggestion. Put a large nail thru the hole in an empty spool and drive the nail into the wall. This prevents rust spots on the clothes and keeps the nail from making holes in them.—Mrs. L. W.

I'M ORDERING MY AMMONIUM NITRATE FERTILIZER NOW!

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"It was just some radio program wanting to give us \$30,000! I told 'em we already had money!"

Thoughts TO LIVE BY

Tolerance

CONVICTIONS need tolerance to give them balance. A certain Mr. Smith says he has the best wife in the world. But that is what you and I, as married men, also say. But we do not fight over our conflicting convictions because we tolerantly recognize that his wife may be the best for him, your wife the best for you, and my wife the best for me.

A democracy depends upon tolerance. Prejudice will undermine it. Intolerance will eventually destroy it. Tolerance permits the majority to rule, and it safeguards the interests of the minority. But tolerance alone can be weakness. It is tolerance with convictions that is needed.

In his farewell address, Joshua made one of the most remarkable utterances recorded on the pages of history. To his fickle followers, this military leader and sagacious statesman said, "And if it seem evil unto you to serve the Lord, choose you this day whom ye will serve: whether the gods which your fathers served that were on the other side of the flood, or the gods of the Amorites, in whose land ye dwell: but as for me and my house, we will serve the Lord." In his swan song, Joshua achieved the perfect balance between convictions and tolerance. He made the alternatives clear, and then he states his own position. Without curtailing others' freedom of choice, he made the power of his personal influence felt.

Someone else with a similar spirit observed that wrong opinion can be tolerated where truth is free to combat it. Another expression of tolerance is credited to Voltaire: "I disapprove of what you say, but I will defend to the death your right to say it." Such a charitable attitude is not magnanimous; it may also move an opponent to change his mind.

It is difficult to help a schizo-

phrenic personality because he believes he is right and everyone else is wrong. If he were mentally well and still maintained such an attitude, he would be considered wicked because of his sinful pride. Furthermore, he would live under the handicap of a closed mind. A person who thinks that he alone is right and everyone else is wrong is unwilling to learn, and therefore incapable of learning new truth. Such a person also isolates himself from all who do not agree with him. This often creates harmful emotional tensions. Members of Alcoholics Anonymous have learned that tolerance is one of the virtues they must develop in arresting their affliction. It would be a great asset to the rest of us, too.

The most difficult tolerance for us to achieve is tolerance toward the intolerant. Whether it be a political party or a religious organization, if it is intolerant toward us, our natural reaction is to be intolerant toward it. Perhaps it was a bitter experience that caused Kingsley to say: "We must pray for tolerance for (toward) the intolerant." Without sacrificing our convictions, we must remain tolerant before the intolerant for only so can barriers be lowered. Edwin Markham gave some sage advice in his admirable quatrain:

*"He drew a circle that shut me out—
Heretic, rebel, a thing to flout.
But Love and I had the wit to win:
We drew a circle that took him in!"*

Tolerance is ultimately a religious matter—a willingness to do our best and not worry about the rest. It assumes that we live by faith. We need not be angry at those who oppose us. They also are accountable to God. The words of John Rogers are both comforting and practical: "Let us out-preach them, out-pray them, and out-live them, and then we need not fear."

—Larry Schwarz.

Long Record Shows Deferred Plan Is Safe

HOW safe can cattle be? According to a record established by A. C. Hansen, Washington county, they are practically a sure thing—if managed correctly.

Look at his record. Since 1924 his cattle have shown a profit 22 out of the 25 years. Two of those years he broke even. One year he lost a little. It's his management that paid off. He has worked a deferred type of program thru all those years.

He has weathered up markets and down markets in that time. You can guess his 3 tough years were in the early 30's. There was a drastic down market at the time.

Stays With His Plan

Mr. Hansen looks at it this way: No one is smart enough to guess cattle futures consistently year after year. For that reason he sticks to a workable plan. He sells short-fed stuff in fall and buys right back at the same time.

"Forget about the price you paid for steer calves," Mr. Hansen suggests. "Look at the price you must pay for replacements when selling your fat steers."

Last fall he bought 100 head of Colorado calves that weighed 530 pounds in October. They were roughed thru winter on prairie and alfalfa hay and atlas sorgo silage. Winter grain requirement of 4 to 6 pounds was supplied by the sorgo silage.

These calves gained 150 to 170 pounds during winter. On grass in early spring and summer they will weigh into the dry lot at about 800 pounds by mid-August when they start on a short feed of 90 to 100 days.

Calves that size were high last fall and there is a slight downtrend in the market. But Mr. Hansen figures he can sell those calves this fall for 6 cents a pound less than he paid and still break even. But indications are he will show a profit again this year.

Mr. Hansen has his own pastures he uses in this year-to-year beef program. He has 245 acres of grass divided into 3 pastures. Steers are rotated on them to get maximum benefit from available grass. Cattle like grass that grows up after grass has been grazed off. After about 3 weeks of rest and growing, steers are taken in to clean off the succulent new growth. It benefits both pastures and steers, he reports.

It is important first to balance your farm program with your cattle program, Mr. Hansen points out. Then follow your cattle program consistently year after year.

Repair Plastic Cloth

When my plastic tablecloth tears, I paste a piece of scotch tape on the back of it and it's just as good as new. This I use on my shower curtains, too.—Mrs. F. A. W.

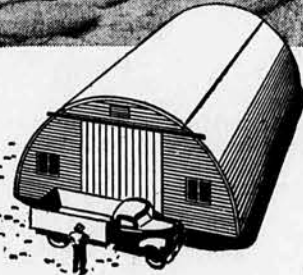
Increase YOUR CROP profits!

Store your grain

in your own permanent

Stran-Steel

Quonset



Increase your '49 profits—take full advantage of government support programs with a permanent, all-steel Quonset. With only a small down payment, Quonsets can be readily financed through your local bank or Commodity Credit Corporation . . . meet all C.C.C. requirements for crop storage facilities.

So for more profitable grain and corn storage plus enduring, year 'round usefulness, choose an all-purpose Quonset—the rot-proof, wind-resistant, fire-resistant farm building that's ideal for general storage, animal shelter, and equipment storage, too. Quonsets are immediately available from your nearest Quonset dealer. See list below.



GREAT LAKES STEEL CORPORATION

Stran-Steel Division • Dept. 13 • Penobscot Bldg. • Detroit 26, Michigan
UNIT OF NATIONAL STEEL CORPORATION
Stran-Steel and Quonset Reg. U.S. Pat. Off.

SEE YOUR QUONSET DEALER TODAY!

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Northwest Distributing Co.</p> <p>DODGE CITY
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Emporia Elevator & Feeding Co.</p> <p>HUTCHINSON
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Central Steel Building Company
1340 Burlington
North Kansas City 16, Mo.
(Distributor)



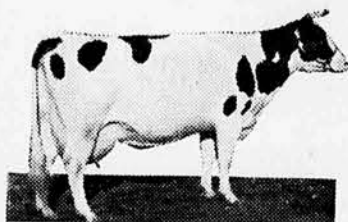
Kline Dairy Farm Holstein Dispersal

Wednesday, August 31, Dodge City, Kan.

Sale Begins at 11:00 A. M.

110 HEAD HIGH-GRADE HOLSTEINS

Selling at the Farm 5 Miles South, 1 Mile East of Wright, Kan., or 11 Miles East of Dodge City, Kan., on U. S. 154



The Herd Consists of:

- 58 head High-Grade Holstein cows. Many with DHIA records over 400 lb. made under Western Kansas conditions. All bred to a High-record Carnation-bred Registered Holstein bull. Many just fresh.
- 47 Bred and Open Heifers—calfhooed vaccinated. Bred Heifers to freshen in the fall. All home bred.
- 4 Heifer Calves—under 6 months.
- 1 Registered Holstein Bull—A double grandson of Governor of Carnation. 3 years old. An outstanding individual.

DHIA RECORDS FOR THREE YEARS
Dairy Equipment Sells Also

These cows have been acclimated to Western Kansas and will go ahead for their new owners and milk without a setback in production. Good breeding health can be attested to by the number of heifers and young stock on the farm. A good herd of cows to be sold without fitting and in their work clothes.

KLINE DAIRY FARMS, Owners

Auctioneer: Bert Powell, Topeka, Kan.

Sale Manager: E. A. Dawdy, Salina, Kan.

Alex Crowl & Nelson Brothers Holstein Dispersal

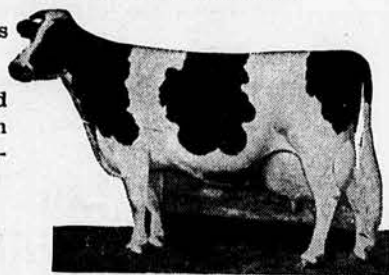
Friday, September 9, 1949

Manhattan, Kansas

at the Manhattan Sales Pavilion, East on U. S. 40
Sale Begins at 12:30 Sharp

50 REGISTERED AND GRADE HOLSTEINS

- 5 Registered Cows and Bred Heifers (four to freshen in September)
- 32 High Grade Holstein Cows and Bred Heifers. Good ages. (12 to freshen in September; 6 in October; 6 in November and 6 in December.)
- 13 Grade Open Heifers
- 2 Registered Herd Bulls.



The Alex Crowl herd made 446 lb. fat in 1948. The last 12 months his herd has made 478 lb. of fat. An outstanding high-producing herd of big, grade cows. Many of the milking cows are sired by a bull bred by the late K. W. Phillips. The cows in the Nelson Brothers' herd are young. Most of them being two-, three- and four-year-olds and all freshening from September to January 1.

Tb. and Bang's tested within 30 days of sale.
Milking Machine and Dairy Equipment selling.

Auctioneer: Bert Powell, Topeka, Kan.

Sale Manager: E. A. Dawdy, Salina, Kan.

HOLSTEIN SERVICEABLE BULLS



We have some choice sons of our Rag Apple Pathfinder bull from record dams that are ready for service. Write for Photograph, pedigree and price.

MOTT & KANDT
Herington, Kan.

REG. HOLSTEIN BULLS



Mercury and Admiral breeding several serviceable age. Herd classified, DHIA records 12 years. Write or visit farm.

PHILLIPS BROS., Rt. 4
GREENACRES FARM
Manhattan, Kansas
Phone 59F21

KANSAS GUERNSEY BREEDERS

Guernsey Sale, Fairgrounds

Hutchinson, Kan.

October 21



Picked consignments from nationally-known herds and leading Kansas herds. Also selected heifers limited to 4-H and F.F.A. buyers.

For complete information write
MAX DICKERSON, Hiawatha, Kansas

ROY DOLL (Dispersal), Cedar Vale, Kansas
and J. E. HUGENOT, Moline, Kansas

Milking Shorthorn Sale

Tuesday, September 6

Sale at Fairgrounds, Winfield, Kan., 1:00 P. M.

45 FEMALES — 5 BULLS

Due to health it has become necessary to disperse the good herd of Roy Doll. This herd is on DHIA test and has been classified for type, 9 RM cows and 5 more that should qualify for the Record of Merit, some by date of sale. Most of the cows are bred for fall freshening to the services of Sailor's Standard Duke by (Imp.) Hacking Standard 3rd and he out of the great producing English cow—Eva. This good herd sire will also be sold. The offering includes Retnuh, Dualyn, Eye Bros., and other reliable breeding.

To help with the sale J. E. Hugenot is consigning 15 bred heifers. They are bred for fall freshening to a well-bred bull coming from the Arthur Simpson herd. These heifers are sired by Bell Boy Lee, a bull backed by very good production. Most of the heifers are out of classified dams.

Mark the date and make this your "must attend" sale if you are interested in good Milking Shorthorns.

For Catalog Write

C. O. HEIDEBRECHT, Sale Manager, Inman, Kansas

Auctioneer: Gus Heidebrecht

Pedigrees: Joe Hunter and W. E. Dixon

MILKING SHORTHORN (Dispersal) SALE

Tuesday, August 30

Sale at the farm 8 miles southwest of Bloomington (2 south of No. 388 and follow highway west) or 12 miles southwest of Osborne on County Highway No. 388. This is an all-weather road. Sale starts at 1:00 P. M.

25 FEMALES—10 BULLS—This is one of the older herds of Milking Shorthorns in Kansas and a good opportunity to buy foundation animals. Majority of the females are sired by Griffarm Locust Supreme RM and Griffarm Lo Boy, the present herd sire. 15 good producing cows with good udders and 10 bred and open heifers. A few of the cows will be fresh by date of sale and others to freshen later.

The two herd sires, Griffarm Lo Boy by Griffarm Oxford 3rd RM (V.G.) and out of Griffarm Fire Queen RM (Ex), and the junior herd sire, Wyncrest Royal Duke by Maid's Duke RM (Ex) are included in the bull offerings. Younger bulls by Griffarm Lo Boy that you will like. They are the farmer's kind. Serviceable age and younger.

This is a dissolution-of-partnership sale and not a culling sale. Mr. Mischler and son, Louis, are offering only the best of their herd to be sold at auction. You will find their offerings are good useful cattle backed by good breeding and production. Mischler cattle have done well for others and they should do well for you. Don't miss this sale.—C. O. Heidebrecht, Secretary, Kansas Milking Shorthorn Society.

For catalog, write W. S. MISCHLER & SON, Bloomington, Kansas

Auctioneer: Gus Heidebrecht

Pedigrees: Joe Hunter

Announcing: The Alvin Young Holstein Dispersal

September 30, 1949, Abilene, Kan.

50 REGISTERED HOLSTEINS

Mr. Young is selling his entire herd of 28 head of Holsteins which made a DHIA average of 467 pounds fat—17 head cows—2X in 1948. A Tidy son heads the herd and sells.

Top Consignments of 8 head from C. B. Quinn, Bennington, with two years over 500 lb. fat average in HIR; Schneider Brothers, Salina, 8 head with a DHIA average last year of 435 lb. and E. A. Dawdy, Salina, 8 head with 453 lb. fat in HIR.

The Place to Buy the Best Foundation Holsteins in Kansas in 1949—Many are Sir Bess Tidy daughters and granddaughters.

Public Sales of Livestock

• AUCTIONEERS •

Aberdeen-Angus Cattle

August 29—Simons Angus Farms, Madison, Kan.
September 5—C. E. Reed Stock Farm, Wichita, Kan.

November 1—Heart of America Breeders' Association, Kansas City, Mo. Edward F. Moody, Manager, Olathe, Kan.

November 10—Kansas State Angus Sale, Hutchinson, Kan.

Brown Swiss Cattle

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

Guernsey Cattle

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

Ayrshire Cattle

September 29—Northeast Kansas Breeders Association Sale, Ottawa, Kan.

October 7—Richard Scholz Dispersal, Huron, Kan.

October 28—Kansas Production Sale, State Fair grounds, Hutchinson, G. Fred Williams, Sale Manager.

Polled Hereford Cattle

September 26—Chas. Hart & Son, Conway, Iowa.

Sale at Lenox, Iowa.

October 22—Midwest Polled Hereford Sale, Deshler, Nebr.

December 12—Kansas State Polled Hereford Association, Hutchinson, Kan.

(Continued on Next Page)



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

BERT POWELL

AUCTIONEER

LIVESTOCK AND REAL ESTATE
1529 Plass Avenue Topeka, Kan.

Ross B. Schaulis, Auctioneer
Purebred Livestock, Real Estate and Farm Sales. Ask those for whom I have sold.
CLAY CENTER, KANSAS

CHAS. W. COLE

Auctioneer

Livestock, Farm and Real Estate Sales
1202 No. Washington, Wellington, Kan.



Beef CATTLE



FOR SALE

Registered Aberdeen-Angus cows with calves at side, and rebred. Calves sired by and cows carrying service of Applewood Bandolier 100th, and he by Bandolier of Anoka 3rd. Priced reasonable. Come see them.

Harold and Bob Giess, Arnold, Kan.

THE TREND IS TOWARD ANGUS

Demand for Angus cattle continues at strong, but sound levels. Everywhere the trend is toward the Blacks. Generations of selective breeding produced today's modern breed. Share in this premium market by breeding and feeding Aberdeen-Angus. For information write: Dept. KF, American Aberdeen-Angus Breeders' Association, Chicago 9, Illinois.



ENTIRE SHORTHORN HERD FOR SALE

4 Cows with calves at foot, 2 Bred Heifers, 3 Heifers coming one year old, 4 two-year-old Bulls and 1 Yearling Bull. Many of these are sired by Edelynn Dealer, 1978823. These cattle are of the right type, good heads, low down, thick and blocky.

H. W. ESTES, Sitka, Kansas

REGISTERED SHORTHORNS

For Sale—10 good Bulls, ages from 6 to 12 months old. Priced to sell.

W. A. YOUNG & SON, Clearwater, Kan.

OFFERING POLLED SHORTHORNS
Young cows and heifers, also bull calves. Calves by Coronet Regal Count. Some heifers bred to a grandson of Lynnwood Nugget, top Polled Bull in Superior, Nebr., sale this spring.

EARL J. FIESER, Norwich, Kansas

Polled Herefords for Sale

Bulls from 8 to 12 months old, Worthmore Major breeding. Also a few heifers.

GEORGE L. RIFFEL & SON, Hope, Kansas

Walnut Valley Reg. Herefords

Bulls and heifers of correct Hereford Type, strong in WER breeding. Few outstanding herd bull prospects. Sired by O. J. R. Jupiter Star 12th.

5 bred and 10 open heifers.
WAITE BROS., Winfield, Kansas

Reg. Polled Herefords

Featuring the get of M. P. Domino 88. Grandson of M. P. Domino 3rd. 2 bulls of service age, 6 heifer calves about ready to wean, 5 bull calves ready to wean, 1 bull calf, 7 months by W.H.R. Leskan 5th, 1 five-year-old cow advanced Domino breeding and heifer calf.

GLENN J. BIBERSTEIN & SON, Attica, Kan. Phone 2708

Dual-Purpose CATTLE

LOCUST DELL FARM OFFERS MILKING SHORTHORN BULLS

of serviceable age. R. M. Breeding.
W. S. MISCHLER & SON, Bloomington (Osborne Co.), Kan.

Dairy CATTLE

Buy Missouri Holsteins September 2

55 Head sell in the Missouri Holstein Breeders Sale

Columbia, Mo., September 2
51 FEMALES AND 4 BULLS

32 Missouri Breeders are consigning to this sale. They sell cows, bred heifers, open heifers, heifer calves and 4 choice bulls.

Write for sale catalog to
Glenn G. Davis, Sales Manager
Columbia, Missouri
Auctioneers: Powell and Walker
Donald Bowman with this publication

SMOKY VALLEY HOLSTEINS

For Sale—Serviceable-age bulls from a Proven Bull and Cows with high records.

W. G. BIRCHER & SONS, Ellsworth, Kansas

BULL CALVES FOR SALE

We bred and developed the first and only Holstein cow in Kansas to produce 1,000 pounds of fat in 365 consecutive days. Young bulls with high production dams or granddams.

H. A. DRESSLER, LERO, KAN.

REGISTERED GUERNSEYS

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

SEPTEMBER 3

WILL BE OUR NEXT ISSUE

Ads for the Classified and Livestock Section must be in our hands by

SATURDAY, AUGUST 27

If your ad is late, send it in Special Delivery to 912 Kansas Ave.

Public Sales of Livestock

(Continued from Preceding Page)

Hereford Cattle

- September 13 — Jansonius Brothers, Prairie View, Kan.
- September 23 — Mission Hills Farm, Joplin, Mo.
- October 1 — T. P. Ranch, Prior & Brown, Eureka, Kan.
- October 13 — Elmer L. Johnson, Smolan, Kan.
- October 14 — Duttlinger Brothers, Monument, Kan.
- October 15 — C. K. Ranch, Brookville, Kan.
- October 19 — Heart of America Farms, Jenkins & Fulkerson, Liberty, Mo.
- October 31 — Ed Barnes, Collyer, Kan.
- November 2 — Haven Hereford Association, Hutchinson, Kan.
- November 5 — Jesse Riffel & Sons, Enterprise, Kan.
- November 7 — Cowley County Hereford Breeders' Association, Chas. H. Cloud, Secretary, Winfield, Kan.
- November 8 — North Central Kansas Hereford Breeders' Sale, Belleville, Dr. George C. Wreath, Sale Manager.
- November 9 — Flint Hills Association, Cottonwood Falls, Kan. Elmer G. Stout, Sale Manager, Cottonwood Falls, Kan.
- November 11 — W. H. Tonn & Son, Haven, Kan.
- November 14 — Kansas State Hereford Sale, Hutchinson, Kan.
- November 14-15 — Sunflower Hereford Futurity, Hutchinson, Kan.
- November 16 — Lincoln County Association, Sylvan Grove, Kan.
- November 18 — John Stumps & Son, Bushton, Kan.
- November 19 — Dickinson County Hereford Association, Abilene, Kan.
- December 9 — Woody Hereford Ranch, Barnard, Kan.
- December 9 — The South Central Hereford Association, Newton, Kan. Phil Adrian, Sale Manager, Moundridge, Kan.
- December 13 — Matheson Brothers, Natoma, Kan.

Holstein Cattle

- August 31 — Klne Dairy Farm, Dodge City, Kan.
- September 9 — Alex H. Crowl & Nelson Brothers, Manhattan, Kan. Elmer Dawdy, Sales Manager, Salina, Kan.
- September 16 — Leonard Kuhlman, Salina, Kan.
- September 28 — Ernest and Paul Selken, Smithton, Mo.
- September 30 — Alvin Young Holstein Dispersal, Abilene, Kan. Consignments from C. B. Quinn, Schneider Bros. & A. Dawdy, Kan.
- October 24 — Central Kansas Sale, Hutchinson, Kan. T. H. McVay, Manager, Nickerson, Kan.
- November 7 — Kansas Breeders State Sale, Herington, Kan. George B. Stone, Chairman Sales Committee, Medicine Hat, Kan.
- November 9 — Central Kansas Holstein sale, Abilene, Kan. E. A. Dawdy, Sale Manager, Salina, Kan.
- November 14 — North Central Kansas Holstein Breeders' Association, Washington, Kan. Edwin H. Ohide, Palmer, Kan.

Jersey Cattle

- October 18 — Francis Wempe Dispersal, Lawrence, Kan.
- October 20 — Kansas State Jersey Sale, Manhattan, Kan.

Red Poll Cattle

- October 18 — Tri-State breeders sale, St. Joseph, Mo. Jerry B. Vyrostek, Sales Manager, Weatherby, Mo.

Shorthorn Cattle

- October 25 — Mid-Kansas Shorthorn Sale, Salina, Kan.
- October 26 — Carl Retzliff, Walton, Nebr. Sale at Lincoln, Nebr.
- November 15 — Central Kansas Shorthorn Breeders Sale, Beloit, Kan.
- November 7 — Kansas Polled Shorthorn Sale, Hutchinson, Kan. State Fair Grounds, Lot F. Taylor, Sale Manager, Manhattan, Kan.
- November 8 — Kansas Shorthorn Breeders Sale, Hutchinson, Kan. State Fair Grounds, Lot F. Taylor, Sale Manager, Manhattan, Kan.
- November 12 — E. C. and Glen Lacey, Miltonvale, Kan. Sale at Clay Center, Kan.

Milking Shorthorn Cattle

- August 30 — W. S. Mischler & Son, Bloomington, Kan.
- September 6 — Roy Doll Dispersal, Cedar Vale, Kan. and J. E. Hugenot, Moline, Kan. Sale at fairgrounds, Winfield, Kan. C. O. Heidebrecht, Sale Manager, Inman, Kan.
- November 2 — North Central Kansas Milking Shorthorn Breeders, Salina, Kan.
- November 10 — McPherson County Milking Shorthorn Breeders Sale, C. O. Heidebrecht, Secretary, Inman, Kan.

Hampshire Hogs

- October 28 — R. E. Bergsten & Sons, Randolph, Kan.
- November 5 — Rockwood Farm, Polo, Mo. (L. E. Hines, Owner.) Donald J. Bowman, Sales Manager, Hamilton, Mo.

Hereford Hogs

- October 11 — National Show and Sale, Marshalltown, Ia. Harold Sellers, Jr., Secretary, Charlton, Ia.
- October 22 — Kansas Hereford Hog Breeders' Association sale, at Osborne, Kan. Milt Haag, Holton, Kan., Sale Manager.

OIC Hogs

- October 21 — Kansas OIC Swine Breeders' Association, Fredonia, Kan. Vernon Zimmerman, Secretary, Inman, Kan.

Berkshire Hogs

- October 24 — Kansas Berkshire Breeders sale, Topeka, Kan. Sam L. Murray, Secretary, Valley Center, Kan.

Chester White Hogs

- October 11 — Roy Koch, Bremen, Kan. Sale at Marysville, Kan. (night sale)

Duroc Hogs

- September 21 — Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.
- October 20 — (Night Sale) Vern Hardenburger, Narka, Kan., and Wayne L. Davis, Mahaska, Kan. Sale at fair grounds, Fairbury, Nebr.
- October 22 — North Central Kansas Duroc Sale, Belleville, Kan.
- October 28 — R. E. Bergsten & Sons, Randolph, Kan.
- November 5 — Rockwood Farm, Polo, Mo. (L. E. Hines, Owner.) Donald J. Bowman, Sales Manager, Hamilton, Mo.

Spotted Poland China

- October 24 — Wayne L. Davis, Mahaska, Kan. Sale at fair grounds, Fairbury, Nebr.

Poland China Hogs

- October 13 — C. R. Rowe & Son, Scranton, Kan.
- October 14 — J. J. Hartman & Son, Elmo, Kan.
- October 19 — Bauer Bros., Gladstone, Nebr. Sale at Fairbury, Nebr.
- October 22 — Kansas State Poland China Sale, Ray Saylor, President, Manhattan, Kan.

Hogs

- October 15 — Clay County All Breed Sale, Clay Center Sale Pavilion.

Hampshire Sheep

- August 27 — Greystone Farm, Mr. and Mrs. Edwin Cox, Fayette, Mo.

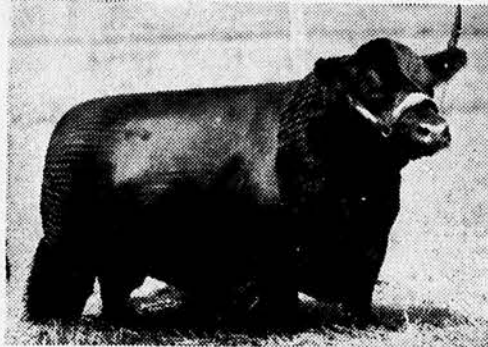
Sheep—All Breeds

- September 3 — S. E. Colorado Sheep Breeders' Association, Las Animas, Colo. T. W. Beede, Secretary, Las Animas, Colo.

Registered Aberdeen-Angus Sale

Monday, August 29 -- Madison, Kansas

Sale starts at 1 P. M. At the farm 1/4 mile east of town.



50 HEAD

25 Cows, many with calves; 22 Bred & Open Heifers; 3 Bulls. Top individuals and top families.

The families included are: Bessie's, Maid of Bummer, Ballindalloch Georgina, Zara, Jilt, Jauna, Miss Burgess, and more popular families. Here is your opportunity to buy good females with top breeding, mated to Prince 500th of Bates (pictured). He is one of the outstanding sons of Prince Sunbeam 29th. As a special attraction we are selling 10 steer calves for 4-H Club work. They are still on their mothers. For catalogs and information call, wire or write:

Simon Angus Farms, Madison, Kan.

Roy G. Johnston, Auctioneer

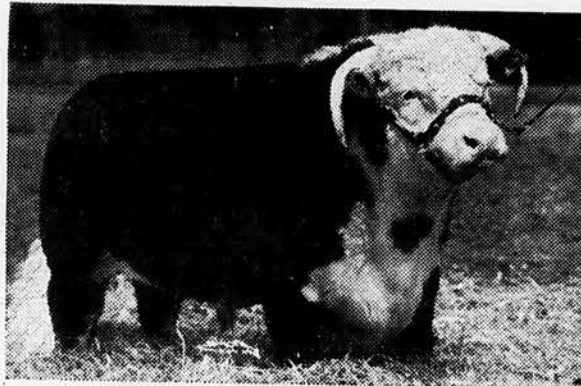
Mike Wilson for Kansas Farmer

Buy United States Savings Bonds

HEREFORD SALE, Tuesday, September 13

at the Chandler Sales Pavilion, 1/2 mile Southeast of

Phillipsburg, Kansas

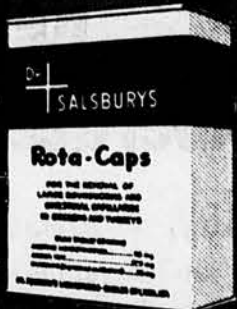


60 HEAD — 40 Bulls, 20 Females

Bulls are mostly 1948 spring calves. 5 bred heifers bred to our new herd bull, H. C. Double Mixer. 15 open heifers. 20 of the bulls are sired by Royal Lamplighter, 10 are sired by Advances Model, 9 head are by Baca Realistic 2nd, and 1 by Domestic Lamplighter 51st. The females are sired by Royal Lamplighter, Baca Realistic, and a few by Advances Model. We are inviting range breeders especially as most of the bulls are of serviceable age. For catalog and information write

JANSONIUS BROTHERS, Prairie View, Kan.

Worm Your Hens Without Loss of Egg Production



DR. SALSBUARY'S Rota-Caps

Easy On Birds
Due To Exclusive Drug:
ROTAMINE

► Individual Treatment Easy To Give. Removes Large Roundworms and Intestinal Capillaria Worms.

Dr. Salsbury's Rota-Caps help protect your egg profits by removing these costly worms. Rota-Caps contain Rotamine—Dr. Salsbury's exclusive compound of worm removing drugs. Due to Rotamine's thorough but gentle action, Rota-Caps get more worms without making birds sick or with-

out knocking egg production. For more profitable hens, worm with Dr. Salsbury's Rota-Caps . . . the only poultry wormer containing Rotamine. Preferred 5 to 1 by top poultry raisers. Buy at hatchery, drug or feed store.

For Flock Worming Use Dr. Salsbury's WORMIX

Easy-to-use. Just hand-mix and sprinkle on top of feed. Costs less than a cent a bird in the average flock. Removes large roundworms and cecal worms.

When you need poultry medicines, ask for

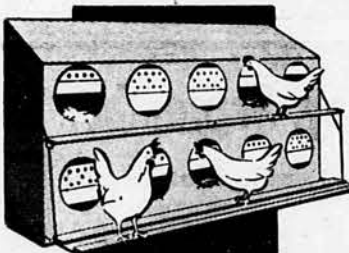
DR. SALSBUARY'S LABORATORIES
Charles City, Iowa

Dr. **SALSBUARY'S**

For More **Profitable Hens**

DR. SALSBUARY'S Avi-Tab

Special Drug Formula



► For birds that "don't seem to do their best," use Avi-Tab. This special drug formula has helped many such birds in thousands of flocks. Watch them "perk-up" . . . combs and wattles become redder. Easily used in mash. Packaged for every size flock. Buy Avi-Tab, today. At hatchery, drug and feed stores.

DR. SALSBUARY'S LABORATORIES, Charles City, Iowa

RELIABLE ADVERTISERS ONLY ARE ACCEPTED IN KANSAS FARMER

WRITE FOR INFORMATION On The New Baldwin "CENTER-DRIVE" Grain Loader



BALDWIN IRON WORKS
1440 BARWISE - WICHITA 2, KANSAS

RED AND WHITE TOP SILO

W. A. Young & Son of Clearwater, Kan., Shorthorn Breeders, say, "If we had to do without a silo, we wouldn't raise cattle." Youngs are breeders of top Shorthorn cattle and Shropshire sheep. They bought their Dodson Silo in 1940 and a "Dodstone" poultry house in 1946. Let us tell about hundreds of satisfied Dodson friends and customers.

DODSON MFG. CO., Inc.
1463 Barwise 1st and Cedar St.
Wichita, Kan. Concordia, Kan.

KIDNEYS MUST REMOVE EXCESS ACIDS

Help 15 Miles of Kidney Tubes Flush Out Poisonous Waste
When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging headache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder. Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

3% SAVE BY MAIL

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

Current Rate **United Offers You — SECURITY - AVAILABILITY**

UNITED BUILDING AND LOAN ASSOCIATION

MAX A. NOBLE, President
Write Dept. 14 for Information
217 E. WILLIAM - WICHITA 2, KANS.

What to Expect

(Continued from Page 5)

Shorn wool, thru loans, purchases, production payments, at such levels between 90 and 60 per cent of parity, as the Secretary may consider necessary in order to encourage an annual production of about 360 million pounds of shorn wool.

Irish potatoes, early, intermediate and late, thru loans, purchases, production payments, or other operations (including with respect to perishable potatoes, production payments subject to the limitations contained in section 402).

As agreed to in the Anderson subcommittee of the Senate Agriculture Committee, milk and butterfat, "designated non-basics" prices would be supported as follows:

The prices for whole milk and butterfat shall be supported thru loans on, or purchases of, the storable products of such commodities at levels, not in excess of 90 per centum nor less than 75 per centum of the parity prices for milk and butterfat, respectively, determined for such commodities in accordance with the table set out in Section 302 (a), adjusted as provided in Section 302 (b).

(Note: The tables provide when the supply percentage at the opening of the marketing season is not more than 102 per cent, support at 90 per cent level. The support level drops 1 point for every increase of 2 points in the percentage of supply, until it reaches 75 per cent for more than 130 per cent.)

There is a further discretion to the Secretary of Agriculture, however:

"Whenever the Secretary determines the support prices for milk and butterfat are not sufficiently high to assure adequate supplies thereof, he shall increase such prices to such levels (which may be in excess of the maximum level otherwise prescribed) as will result in adequate supplies of such commodities.

The fate of the milk and butterfat provision is a little uncertain, but it was written into the Senate bill at the insistence of Senator Thye, of Minnesota.

Title III of the Senate bill attempts to take care of storable non-basic commodities in the following language:

"The Secretary is authorized to support thru loans, purchases and other operations prices received for producers for any storable non-basic agricultural commodity at a level not in excess of 90 per centum of the parity price for the commodity."

Then comes "Sec. 302 (a) Without restricting price support to those commodities for which a marketing quota, acreage allotment, or marketing agreement or order program is in effect, price support shall, insofar as feasible, be made available to producers of any storable non-basic agricultural commodity for which such a program is in effect and who are complying with such a program."

The level of these price supports will be determined by the table previously cited as applying to milk and butterfat.

Title IV of the Senate bill attempts to blanket in any perishable non-basic commodity selected by the Secretary, under several restrictions. First, the Secretary must determine the supply is more than 120 per cent of normal supply, and that the commercial producers of a substantial volume of such commodity have indicated their willingness to adjust supply to prospective demand. The Secretary shall then hold a public hearing, then determine (1) whether a price support shall be undertaken, and whether support shall be given by loans, purchases, or other operations, and (2) whether a marketing agreement or order, or marketing-quota program shall be undertaken with respect to such commodity.

When Sec. 402 of Title IV of the Senate bill was read to Secretary of Agriculture Brannan in executive session, he is reported to have said:

"Why don't you just leave production payments entirely out of the bill? I would just as soon not have them."

Sec. 402 reads: "Production payments to producers shall not be used to support the price of (1) livestock, milk, or any perishable non-basic agricultural commodity which can be effectively and efficiently supported thru price-support operations undertaken with respect to a storable

product of any such commodity, (2) any perishable non-basic agricultural commodity if the use of production payments on such commodity will substantially reduce the market price of or the demand for, any other agricultural commodity, and (3) any perishable non-basic agricultural commodity at more than 75 per cent of its parity price."

The foregoing language, for example, would preclude the use of production payments on hogs, if such payments would decrease the demand for beef.

The subcommittee took Secretary Brannan at his word. It eliminated "production payments" from the new bill.

In making his determination on price supports (except of course where such price supports are mandatory) the Secretary shall consider—

1. The supply of the commodity in relation to the demand.
2. The price levels at which other commodities are being supported.
3. The availability of funds.
4. The perishability of the commodity.
5. Its importance to agriculture and the national economy.
6. The ability to dispose of stock acquired thru a price-support operation.
7. The need for offsetting temporary losses of export markets.
8. The ability and willingness of producers to keep supplies in line with demand.

Full authority to use the Commodity Credit Corporation for operations is granted the Secretary. The CCC is given considerable more latitude in selling commodities it gets left on its hands. However, it shall not sell any such commodity at less than the current support price, except—

- A. Sales for new or by-product uses;
- B. Sales of peanuts and (new) oilseeds for the extraction of oil;
- C. Sales for seed or feed if such sales will not substantially impair any price-support program;
- D. Sales of commodities which have substantially deteriorated in quality or of commodities where there is danger of loss or waste thru deterioration or spoilage;
- E. Sales for the purpose of establishing claims arising out of contract or against persons who have committed fraud, etc.
- F. Sales for export;
- G. Sales of wool and mohair (new);
- H. Sales for other than primary uses.

The Senate bill does not repeal the Aiken Act (Agricultural Act of 1948) as such, but amends much of it out of existence.

The Senate bill would include wartime subsidies in prices received by farmers during the 10-year base period for figuring parity.

It also would include "wages paid hired farm labor" in computing the parity index.

The new parity formula of the Aiken bill would go into effect next year, under the terms of the Senate bill. But the support price, as already noted, would range from 90 to 75 per cent, on virtually all commodities carrying the 90-60 range under the flexible provision of the Aiken bill.

"Sec. 32" funds shall be used "principally" for support of perishable non-basic agricultural commodities and their products.

General expectation in Washington is that the Senate will accept, substantially, the provisions of the subcommittee (Anderson) bill as here outlined, and that the House will agree to most of them, rather than allow the Aiken bill to go into effect next January—which it will if this session of Congress does not act.

Forage Harvesting

A new booklet by R. C. Krueger on "The History of Modern Forage Harvesting," is now available to the public. It is well illustrated with pictures and drawings and the text is brief and informative. For a free copy of this booklet, please address Farm Service Editor, Kansas Farmer, Topeka.

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas
Livestock Editor

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

The members of the MISSOURI SOUTHDOWN SHEEP BREEDERS' ASSOCIATION certainly deserve a hand of applause for the outstanding group of sheep they assembled on July 25 at the Legion Park, at Hamilton, Mo. When Judge Tommie Dean, from Manhattan, Kan., finished judging the yearling ram class of 24 head he expressed the thought that this was one of the best classes and one of the best Southdown shows as a whole he had ever judged. A fair crowd was on hand and the bidding was fairly conservative. The breeders had a few more sheep than the crowd could absorb, but several new breeders were started and much interest was aroused by the show and sale. The top 5 rams brought \$547.50, with an average of \$109.50. The top 5 ewes brought \$290, averaging \$58. The grand champion ram, Lot 20, a yearling, was consigned by V. B. Vandiver & Sons, Leonard, Mo., and purchased by Perry Ewing for \$175.00. The reserve champion ram, Lot 19, 2-year-old, also consigned by V. B. Vandiver & Sons, was bought

SHEEP

Missouri Hampshire Sheep Auction

You are invited to attend the 7TH ANNUAL HAMPSHIRE SHEEP SALE AT GREYSTONE FARM
Fayette, Mo., Sat., Aug. 27
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Selling 57 of the best young Ewes and Rams we ever listed. We offer a number of show prospects and 2 imported ewes. Past sales we have held indicate that you can buy quality with the best bloodlines at reasonable prices. Write immediately for sale catalog.

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BERGSTEN'S Improved Hampshires

Now offering outstanding Fall Boars. Immune and registered. New breeding for old customers.
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Bred sows, gilts for summer and fall farrowing. Boars: serviceable and spring tops in blood and conformation. Registered and immuned. Prices right.
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DUROC FALL GILTS

Sired by Double Sensation and bred to the top son of Fleetline. Iowa grand champion. Fancy Spring Boars by Modern Supreme, Nebraska champion boar. A few by Double Sensation.
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Top breeding and conformation. Registered. Immuned. Shipped on approval. Come or write.
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Choice fall gilts by Kan Be, sire of one of top 10 gilts at National Congress, and Topper. Bred to Star King for September litters. A few spring boars and an excellent lot of spring gilts.
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REGISTERED SPOTTED POLANDS

Choice gilts bred for September and October farrow, bred to Justrite Prince and Holliday's Rooker, also spring boars for sale.
EVER GREENS FARMS, Herbert Holliday Berryton, Kansas

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Serviceable Boars, Bred Gilts, Choice Spring Pigs, Boar and Sow Pigs, some by Big Chief's Reflection. Top quality breeding. Immuned.
EARL and EVERETT FIESELER, Norwich, Kan.

KAWVALE YORKSHIRE BREEDING FARM

Kansas farms will come to be the proving ground for Yorkshire hogs. Cheap lard and costly bacon has made a place for Yorkshires. 50 Registered Spring Boars and Gilts, registered, best of type and breeding. Priced for immediate sale.
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Our Yorkshire Barrow Raise Yorkshires for less lard, larger litters. High winning herd of the breed, Illinois, Ohio and Maryland. Illustrated circular.
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5 outstanding spring boar pigs by Super Pug 2nd. Plenty of class and style. Immuned.
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MINNESOTA No. 1 BOARS AND GILTS

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

by Billy Reiter, Carrollton, Mo., at \$160. The third top yearling ram, Lot 18, was consigned by the Doak Bros., Hallsville, Mo., and purchased by Lawrence Potts, Jr., Hamilton, Mo., for \$72.50. The grand champion ewe, Lot 13, a yearling, was consigned by Doak Bros., Hallsville, Mo., and bought by Richard Roda, Trenton, Mo., for \$75. The reserve champion ewe, Lot 56, 3-year-old, was consigned by Emmett Pierce & Sons, Nettleton, Mo., and also bought by Richard Roda, Trenton, for \$42.50. The third top ewe, Lot 29, 3-year-old, was consigned by G. W. Tletsort & Sons, Worthington, Mo., and purchased by Hugh Braymer, Cowgill, Mo., at \$57.50.

Henry Garnett and Don Bowman represented the Missouri State Department of Agriculture in the absence of Rollo Singleton, who was unable to be present. The ribbons and prize money for the show were furnished by the department. Carl Roda, secretary, and Roy P. McWilliams, president, have done a fine piece of work in promoting Southdowns in Missouri and ably conducted this sale. The sale was sold by Col. Bert Powell, of Topeka, Kan., assisted by men of the press. Also Mr. W. L. Henning, secretary of the American Southdown Breeders' Association, from Pennsylvania State College, was present and helped in the conduct of the show and sale.

Kansas buyers purchased 15 of the 50 head of yearling rams and ewes sold in the NORTHWEST MISSOURI HAMPSHIRE BREEDERS' sale, held at the breeders sales pavilion, South St. Joseph, on August 3. In this sale 35 rams averaged \$63.60 and 15 ewes averaged \$42.66. Top ram sold for \$145, with a second top of \$110 and 2 rams selling at \$90. One of the \$90 rams was purchased by Anna Mary Davis, Hiawatha. Top ewe at \$67.50 was purchased by Carl S. Olson, Willis. The high selling ram of the auction was consigned by F. B. Houghton, Maryville, Mo. The high selling ewe by Glenn Armentrout & Son, Norborne. Bert Powell was the auctioneer.

I have a letter from FRED GERMANN, of Manhattan, saying his Duroc gilt was placed in the second group at the recent National Duroc Congress. This is a clear demonstration of the kind of Durocs the Germann firm is breeding. At the Congress sale this firm purchased a new herd sire from the consignment of Tracy Brothers, of Williamsville, Ill. He is of the same bloodline as the Tracy gilt that set a new high selling record for Duroc females last year. Kansas breeders will be hearing more from the Germanns.

The NORTHWEST MISSOURI HAMPSHIRE SHEEP BREEDERS' ASSOCIATION sale, held at St. Joseph, August 3, was very well attended. Thirty-five rams were sold at an average of \$63 a head, 15 ewes averaged \$42 a head. The entire offering made a general average of \$67.50. Jack Ward, of Maryville, Mo., paid \$145 for the top ram. Carl S. Olson, of Willis, took the top ewe at \$67.50. The majority of the offering were well fitted for the sale, and the local demand was good. Col. Bert Powell sold the sale.

The W. S. MISCHLER & SON, Bloomington, herd is one of the older herds of Milking Shorthorns in the state. Mr. Mischler has decided to quit the cattle business and turn it over to his son, Louis. Most of the cattle in this herd are sired by bulls they bought from the B. J. Griffin, Danville, Ky., herd. This herd is backed by good production and breeding. The greater portion of the herd will be sold at auction this fall.

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	\$28.00	\$27.35	\$39.50
Hogs	23.60	23.00	31.75
Lambs	23.00	24.00	28.00
Hens, 4 to 5 lbs.	.19	.17	.25
Eggs, Standards	.46½	.46½	.44
Butterfat, No. 1	.70	.54	.71
Wheat, No. 2, Hard	2.12%	2.25%	2.22
Corn, No. 2, Yellow	1.33%	1.49	2.01
Oats, No. 2, White	.68½	.71½	.78%
Barley, No. 2	1.05	1.14	1.26
Alfalfa, No. 1	24.00	24.00	25.00
Prairie, No. 1	12.00	17.00	17.00

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All seed re-cleaned.
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Certified Wichita Seed Wheat, 97% germination, test weight 62 pounds, unbleached. Pure Comanche, 97% germination, unbleached, No. 1 wheat. A. P. Timmens, Hugoton, Kan.

Certified Wichita Wheat. Germination 96% Purity 99.50%. Other seeds none. Walter Dohm, Grinnell, Kan. Phone 111.

Good Quality Certified Pawnee seed wheat. Harold Griffin, Gardner, Kan.

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We are in the market for Brome Grass—Alfalfa—Clover and most all kinds and varieties of Farm Seeds.
Please write and send samples of any that you have to offer, stating varieties as well as amounts for sale.
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Alfalfa Seed, Sweet Clover, Brome Grass. Send for sample and price list. Hayes Seed House, Topeka, Kan.

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Registered White Collie Puppies from utility strain. Priced right. Lane Stock Farm, Wells-ville, Mo.

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Well Improved 160-acre farm on REA high-line, Rock road, 7 miles north Valley Falls, 185E Horton. Eighty acres cultivation, 80 timber and pasture. Eight-room house with bath, electricity, furnace, electric water system. Large hay and grain barn, stock barn, two chicken houses, cave house, garage and good cave. Other small buildings in good repair. Good water supply. 1/4 mile country school. Twenty acres plowed for wheat. F. H. Freeland, Effingham, Kan.

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