

# Kansas Farmer



SCENES LIKE THIS are familiar in Kansas. The Sunflower state ranks second in the number of Purebred Herefords and is rapidly becoming a supply center for breeding stock for other states.



AMONG NATIONAL Hereford leaders who will attend the National Hereford Congress June 12 and 13, Salina, will be Dr. E. L. Scott, Phoenix, Ariz., president of the American Hereford Association.



ONE OF SPEAKERS at the National Hereford Congress will be Jack Turner, Kansas City, secretary of the American Hereford Association.

## Kansas Host to Hereford Congress

**More than 1,500 breeders will meet at Salina June 12 and 13 for second annual event**

**H**EREFORD breeders from nearly every state in the union will be coming to Salina June 12 and 13 for the second Annual National Hereford Congress. The big 2-day event, started in Montana a year ago, will be sponsored here by the Kansas Hereford Association. The Congress will follow the American Hereford Association's annual meeting for delegates from state Hereford associations, which will be held in Kansas City on June 11. State representatives will go by special Pullmans to the Salina meeting.

More than 1,500 producers of registered and commercial Herefords are expected to attend the Congress, states

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AS PRESIDENT of the Kansas Hereford Association, Thomas R. Taylor, Great Bend, reports that Hereford breeders in Kansas are making great progress.

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- Why They Like Farm Life.....Page 10
- Desserts New and Glamorous.....Page 17

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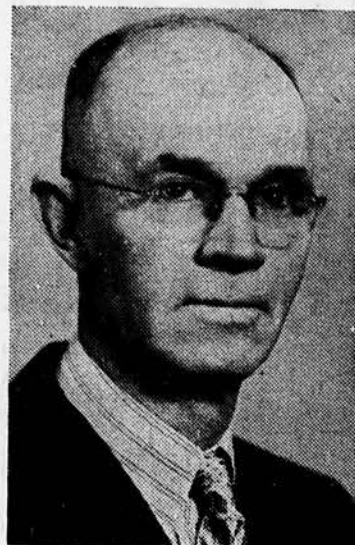
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## Two Are Named To State Posts



John Hutchison



Vernon W. Woestemeyer

**VERNON W. WOESTEMEYER** has been appointed State Weed Supervisor for the Kansas State Board of Agriculture, announces Roy Freeland, secretary of the board. The appointment is effective June 1. In connection with the appointment, effective June 1, is the promotion of John Hutchison to the position of State Field Supervisor. Mr. Hutchison has held the position of Assistant State Weed Supervisor since 1941.

For the last 4 years, Mr. Woeste-

meyer has served as superintendent of the State Experimental Field at Canton, where he supervised weed-control research work. He grew up on a farm near Bethel, is a graduate of Kansas State College. Mr. Hutchison holds degrees from Kansas State and Ohio State University. He started weed-control work in 1938, when he became weed supervisor for Russell county. He served there until 1941 when he joined the State Board of Agriculture. Work these men do is extremely important.

## Readers Write *Kansas Farmer*

**DEAR EDITOR:** I think the highlights of *Kansas Farmer* are the stories of early days. Kansas, in my opinion, is one of the great states of the Union and has a great history but people don't know it. It should be advertised more.

The part of Kansas where I was born, Rantoul, 10 miles from Osawatomie, is rich in history, and Coffeyville, where I was raised and Dodge City and Cimarron where I lived after marriage should be given publicity.

My great-grandfather, Harmon Veder Beeson, and grandfather, Isaac Newton Sparks, came to Kansas in the late 1850's and settled at Paola. Later my grandfather, who married Katherine Beeson, took a claim near Rantoul where my father was born in 1864. My great-grandfather Beeson came from Canal Dover, Ohio, and lived next door there to the Quantrill family, and "brother" the stories I have heard him tell! Because I had heard the stories, I went to see the motion picture, "Dark Command," featuring Quantrill's life. Where the movie producer got his information I'll never know. It did not resemble the stories told by my family.—Mrs. D. H. Cross, R. 2, Harrison, Ark.

**DEAR EDITOR:** I was born in Kansas in 1877, lived here all my life and am interested in Kansas history. I would like to get some books about Kansas history.—Mrs. Evelyn Swearingen, R. 3, Independence.

**DEAR EDITOR:** I enjoy *Kansas Farmer* very much. Am eagerly awaiting Mrs. Frances Williams' travel stories, "Go West." I don't get to travel, but enjoy other people's tales of their travels.

I am wondering who won the 7th and 8th grade contest about, "Why I Like to Live on a Farm." Will results be in the paper?—Mrs. L. L. Swartz, Goff.

**Note:** Yes, winning stories will be printed in *Kansas Farmer* in due time, together with information about winners and their schools. Watch future issues for these articles.—The Editors.

**DEAR EDITOR:** We are very much interested in stories about early Kansas. My husband's father, F. M. Sills, lived in McPherson county from 1881 to 1885 and then moved west, 22 miles from Dodge City and took a claim.—Mrs. Harry Sills, R. 1, Pleasanton.

**DEAR EDITOR:** We have been reading "Life in Early Kansas" in *Kansas Farmer*. I have heard my parents speak of the Lovejoys, so was much interested. We would like to have you print more such stories.—Mrs. T. P. Fruely, Vinland.

**DEAR EDITOR:** We have enjoyed stories about early Kansas very much and would like to have more.—Mr. and Mrs. O. R. Bennett, Little River.

**DEAR EDITOR:** I really enjoy old-time stories and save each one for my scrapbook. I have some clippings that were in the papers 40 and 50 years ago.—Mrs. N. G. Meggers, Raymond.

**DEAR EDITOR:** I am interested greatly in stories of early Kansas.—Mrs. Fred Kiou, R. 2, Parsons.

**DEAR EDITOR:** I am interested in early-day stories of Kansas, especially about events that occurred around Hiawatha, Padonia, Reserve, the Sac and Fox Indian Reservation and Abilene.—J. D. Burdick, Abilene.

**DEAR EDITOR:** I am intensely interested in stories about early-day Kansas by Lela Barnes in *Kansas Farmer* and am saving them as scrapbook material. I feel sure you have many, many interested people among your readers who enjoy reading about the early days of our great state. I would appreciate an article in every issue.—Mrs. M. W. Wilson, Barclay.

### Senator Capper on Radio

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

## KANSAS FARMER

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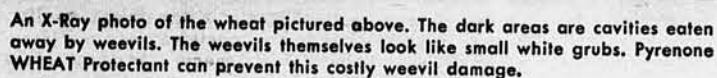
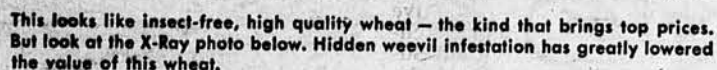
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## A circular library stamp from the College of Agriculture and Applied Arts, Manhattan. The text "COLLEGE OF AGRICULTURE AND APPLIED ARTS" is curved along the top inner edge, and "MANHATTAN" is curved along the bottom inner edge. In the center, the word "LIBRARY" is printed in a bold, serif font. Below "LIBRARY", the date "JUN 4 1951" is stamped in a bold, sans-serif font. The stamp is slightly faded and has a textured appearance.



City \_\_\_\_\_ State \_\_\_\_\_

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HELEN CALDWELL, of the Saline Valley 4-H Club, Ottawa county, has her teeth examined by Dr. L. P. Bunker, Junction City, at the State 4-H Club Health Camp. Physical examinations are only a small part of the camp program.



CHEST EXAMINATIONS also are on the schedule. Here a health camp delegate is getting her X-ray examination from Mrs. Paul Lukens, of the State Board of Health. An educational program on tuberculosis control in the community will be part of the camp study.



## Living Up to Better Health

Let's see what they do about  
it at the Annual State 4-H Camp

By Dick Mann

**H**EALTH is a part of the 4-H Club pledge—"I pledge my health to better living for my club, my community, and my country." Helping 4-H'ers live up to this health pledge has resulted in the annual State 4-H Club Health Camp. "We are holding our 6th annual health camp at Rock Springs Ranch, June 13 to 17," states Mary Elsie Border, assistant state 4-H Club leader in charge of the camp program.

"Altho it is still thought that physical examinations are very important for every person at certain intervals," says Miss Border, "we feel some boys and girls are born with better health possibilities than others. In our health program during the year, and during the annual health camp, then, we put our emphasis on group co-operative health projects.

"Clubs work on a health activity in the community," Miss Border continues, "to make it a safer and happier place in which to live. Good health for all means more than a perfect score for one individual on a physical examination.

"Under our program health activity may be carried as an individual project, as a club project, or as a county-wide project. Whether or not an individual, club, or county carries the activity is up to them," says Miss Border. "The amount they do in the activity also is up to them. It is, however, stressed that the committees in the club or county who do promote health contact all the organized health groups within

the county and work with them on projects that the people of the community and county feel are most needed. This prevents various groups from working at cross-purposes and stimulates co-operation instead of opposition on community health problems."

The annual state health camp has grown to be quite a project. Last year 198 delegates from 88 out of the 105 Kansas counties attended. This year even more are expected.

If you would like to know what your boys and girls are doing at these state health camps, just take a look behind the scenes at the program which has been outlined for them.

In general, the morning programs will be turned over to educational features related to health. For example, audiometer tests will be given to every delegate. These tests will be given by Miriam Levitt, in charge of the Hearing Clinic, University of Kansas Medical Center, Kansas City, Kan. Besides giving every delegate an audiometer test, Miss Levitt will show a film related to hearing difficulties, and will discuss opportunities for young people in the hearing-and-speech field for vocational interests.

Another special educational feature will be thru the co-operation of Menninger Foundation, at Topeka. Dr. B. H. Hall, of the Menninger Clinic, will conduct discussion groups among delegates one morning on the subject of "Improving Attitudes on Mental Health."



PALOMINOS AT the Rock Springs Ranch always get lots of attention. This visitor to the camp is fondling one of the Palomino colts. Horseback riding will be part of the recreation program during the state health camp June 13 to 17.

Mrs. Alma Ibsen, of the Kansas Tuberculosis and Health Association, will open the first evening's program with an educational feature on work in that field of public health.

As a practical insight into what can be done by club groups on a local level, the Harmony Hustlers Club, of Dickinson county, first-place winner in the state contest in 1950, will be at the camp Saturday morning, June 16, to discuss how they promoted health in their community.

Insect, pest, and rodent control in rural communities will be studied under guidance of Dell Gates, Kansas State College Extension entomologist, Miss Border says. Martha Brill, home health and sanitation specialist at Kansas State College, will conduct a class on health measures that 4-H Clubs could carry out as a part of their club program and that would benefit all the people in their community.

Raymond Everson, Extension architect, will discuss sanitation problems relating to farm homes and small towns. Virginia Lee Green, recreation specialist, will assist in conducting swimming classes and will give information on artificial respiration and safety measures to be followed in the community.

Afternoons, to a great extent, will be spent in horseback riding, swimming, crafts, and preparation of evening programs. Evenings will be largely devoted to singing and social recreation on a co-operative basis, having in mind both a good time and [Continued on Page 23]





# Farm Matters

## AS I SEE THEM

**K**ANSAS FARMER has received several inquiries from farmers concerning the addition of farm operators and assistants to the list of skilled workers who can be deferred by draft boards. Also, some from draft boards saying they had no knowledge of any such directive.

General Joe Nickel, adjutant general of Kansas and also director of Selective Service, informs that the directive has been received. And by now all boards in the state should have their copies. Detailed definitions of "operators and assistants" were published in *Kansas Farmer* of May 19.

The current hearings and debates in Congress over price controls, precipitated by the live beef cattle rollbacks order of the Office of Price Stabilization, seem to me to place the emphasis in the fight against inflation on just one phase of it—and that phase perhaps the least effective.

I find the National Grange, as well as the Farm Bureau, has similar views. To get the picture back in focus, I pass on to you the following, taken from testimony of Herschel D. Newsom, master of the National Grange, before the House banking and currency committee:

"At its annual session in Minneapolis last November," Grange Master Newsom said, "the Grange set out an 8-point program recognizing that the cause of freedom is now threatened, not only by the communist forces of the world, but also is threatened from within at the same time, by the forces of inflation."

"We especially call your attention to the order in which the points of the program were set out, and the priority thus established."

I also would direct attention to the priority allotted by the Grange in use of the 8-point program, which places price controls seventh on the list.

Here is the Grange program:

1. We must rebuild our military might to repel future attacks.
2. We must develop a sound tax system. There must be no war profiteering.
3. We must finance war's cost, as far as possible, from current taxes requiring an austerity program both personal and governmental.
4. We must allocate critical materials by compulsion if voluntary methods fail.
5. We must attack inflation at its source thru relation of supply of money to goods.
6. We must have rationing when supply of any goods becomes short.

7. We must control prices, supplemented by rationing, if rationing alone fails to prevent profiteering.

8. We must, if necessary to prevent inflation, control wages, prices and profits together, across the board.

I was much interested in the Grange program which would try rationing ahead of price controls. That is contrary to most of the current thinking on controls.

"Please note," Mr. Newsom told the House committee, "that we must have rationing when supply of goods becomes short, and that our program provides only for price control 'if rationing alone fails to prevent profiteering.'"

"Price control designed specifically for reducing prices of commodities to consumers, so consumers may purchase more of these commodities, or purchase the commodities with less of their spendable income—at a time when such spendable income already is in excess of the amount of consumer goods available—will serve only to aggravate inflation, widening the gap between effective demand for and supply of, consumer goods and services."

"Price controls so used," (and that is the way price controls are being used today, I might add) "will increasingly and progressively restrict the productive output of this nation and create shortages."

The Grange also is positively opposed to food subsidies, as also causing further inflation. So am I. I found Mr. Newsom's statement most interesting.

### June Is Dairy Month

**I** ALWAYS am glad to congratulate Kansas dairymen when June rolls around because this is Dairy Month. And because dairymen are essential to the well-being of this country every step of the way. Everyone consumes dairy products in some form and is better off for it. Milk is right in the front rank in importance as a health food.

Now, June as Dairy Month is a double-barreled 30-day period. It has 2 big jobs—first to recognize one of our greatest farming industries, and second to get more people to use more dairy products. This special dairy sales campaign is endorsed by official Washington, by state governors, and has the strong support of

railroads, restaurant associations, food and drug stores and organizations, farm magazines, general magazines, newspapers, radio and farm organizations. All of these are doing something special this month by way of telling the public about the merits of milk and milk products. This is the 15th consecutive year for an advertising campaign of this kind, and I'm sure it is reaching most all of our 150 million people in this country. Thru the years such efforts have increased consumption of milk, butter, cream, cheese, ice cream and other dairy products. And the end isn't in sight, or doesn't need to be.

Advertising Dairy Month will boost consumption of dairy products this month. That always is the case. Then it will fall off. This, of course, indicates that an increased advertising campaign really will sell more milk. While it isn't possible to carry on such an intensive campaign every month of the year as we witness in June, it is wise to keep right after the job of telling folks how good milk is for every member of the family. I hope more of this can be done in the future than in the past, good as that has been. I am sure it will pay.

Dairying in Kansas is big business. Milk production in 1949, for example, was 2,610,000,000 pounds worth \$77,778,000 on the farms. Those are pretty big figures. But even for one month they are large, too. Take March, 1951. That month Kansas dairymen turned out 247,000,000 pounds of milk. Sure dairying is big business. A great deal of that milk is consumed whole. But it takes a lot more to make the 48 million pounds of butter churned in Kansas in a year, and the 6½ million gallons of ice cream, as well as millions of pounds of all the other products manufactured from milk.

Indeed, dairying in Kansas is huge business. But I know it can grow larger with resultant good to the state. Right now we are down in number of cows, some 580,000 now compared to 831,000 in 1935. Naturally total production of milk, butter and cheese is lower. Ice cream is higher than ever. It is possible to bring up the number of cows to our former record high and even go beyond that. And as more farms again get dairy cows we are bound to have a more stable agriculture in the state.

Congratulations, dairymen, you are doing a great job!

*Arthur Capper*  
Topeka.

## Beef Rollback Is Unrealistic, Unfair

By CLIF STRATTON

Kansas Farmer's National Affairs Editor

**T**HE battle of the beef bulge promises to be fought out on several Congressional battlefields well into summer, with powerful effects on provisions of Title IV (price controls) of the National Defense Act.

Still looks as if Congress will extend the present act "as is" for maybe 6 weeks or 2 months beyond the existing June 30 termination date, in hopes of working out a 2-year extension by the end of July. Some administration members of Congress admit "another Pearl Harbor" would make it much easier to impose the varied inflation controls desired.

Main battlefields the last few weeks have been before the Banking and Currency committees of each branch of Congress, and the 2 Agriculture committees. The bills will be written by Banking and Currency Committees, but the Agriculture committees' hearings will provide much information (ammunition) for the battles on the floors of House and Senate.

After each branch has passed its own bill, conference committees will

work out a compromise bill. Then the terms of the compromise measure will have to be approved by majority vote in both house and senate, voting separately. Then the President must approve or disapprove the bill, having 10 days to make up his mind. If disapproved (vetoed), a two-thirds vote in each branch will be necessary to pass the extension of the act as amended over the veto.

Legislative committees will do well to get their bills out of committee by June 15. Floor action in 3 weeks would be fairly speedy, under existing conditions. If much in disagreement, conferees might take 10 days or more to reach an agreement. After that, several days perhaps to get the 2 branches to accept the conference report, separately. Several days to get the measure to the White House, which has 10 days exclusive of Sundays and holidays in which to approve or disapprove. Looks like a long summer.

Administration has indicated, on live cattle, a willingness to accept a provision prohibiting the second (August 1) and third (October 1) rollbacks so ceiling prices under the May-June rollback would be the ceilings, subject to the present parity provisions of the act. These are no ceilings below parity or the pre-Korean level, whichever is the higher.

Administration is asking, also, that parity price at the beginning of each marketing season shall be the ceiling for the rest of that marketing season. Secretary Brannan of Agriculture indicated that marketing season for meat animals would be 6-month periods, possibly 3-month periods. This proposal apparently has better chance of House than Senate acceptance. City consumers are more powerful in the House than in the Senate.

One of the difficulties of fixing dollars-and-cents ceilings on commodities

and products was well illustrated by A. G. Pickett, secretary of the Kansas Livestock Association, in his appearance before the House committee.

The Pickett statement was placed in the record of hearings in the Senate committee on banking and currency by Sen. Andrew J. Schoeppel, of Kansas, member of the committee.

"The OPS continues to quote cattle as being 152 per cent of parity," Pickett said, "and has used this figure in attempting to justify the recent rollback of cattle prices 19 per cent by October 1. Such a position does not give the true picture and is very misleading."

"This 152 per cent is an average figure. It would be just as fair to say the average cost of an automobile is \$2,500, therefore General Motors should be able to sell a \$5,500 Cadillac for \$2,500 and still make a profit."

There are several classes and grades of cattle and to mean anything, parity must be calculated on a grade basis."

Pickett pressed hard on the fact that while the average of 152 per cent was (Continued on Page 27)



# YOUR VOICE,

Mr. Dairyman, can be heard throughout the state . . . throughout the nation . . . when it is channeled through the associations of your industry, the American Dairy Association, the National Dairy Council, and your own **Kansas State Dairy Association.**

## June Dairy Month

is proclaimed from East to West, from North to South, in newspapers and magazines, on the radio, in posters. Such is the strength of your voice when it is amplified by numbers. Your part is only a penny a pound of butterfat sold during June. Yet that penny buys not only June Dairy Month, but a

## DAIRY YEAR

in which 12 months are devoted to better markets, more research, greater consumer demand, and a constantly **growing public appreciation of the importance of dairying.** In our modern age, the proper appreciation by the public is vital to any industry.

Your local milk and cream buyers throughout the state will serve as your microphones during June—taking your pennies and magnifying them into a proper voice for a great industry.

**INVEST in Dairying's Future—  
ENJOY Dairy Progress Tomorrow**

**Kansas State Dairy Association**  
H. E. DODGE, Secretary  
State Capitol, Topeka

## This Was Life In Early Kansas

By LELA BARNES

Here's the last installment in the story of Reverend Charles Lovejoy and his family. You will recall they emigrated to Kansas from New Hampshire to join the anti-slavery forces. This story is written from letters of Julia Lovejoy which are now in the collections of the Kansas State Historical Society.

**J**ULIA'S longing to return to her home was realized in the summer of 1860 when Charles was transferred to a post in Vermont. But happiness at being once more among friends and familiar scenes was darkened by the sudden death of their daughter, Juliette, soon after their arrival, and by the subsequent outbreak of war.

When the New England mission was concluded at the end of 1½ years, the Lovejoys returned to their Western home. Wrote Julia: "Our souls have cried for Kansas, the home of our adoption, in these terrible times."

### A Wartime Measure

The journey to Kansas was long and difficult. At Quincy, Illinois, their trunks and carpet bags were opened and searched, then sealed . . . a wartime measure against transmittal of intelligence to the Confederacy. On their arrival at Leavenworth Julia wrote: "From Quincy to St. Joseph, Missouri, all along the route of the Hannibal and St. Joseph railroad, troops are stationed at certain distances to watch the road and prevent the destruction of bridges and tearing up of the track. The entire route across the state of Missouri bears the marks of the ravages of war; here a house is burned, fences demolished, windows nailed up; there a bridge burned. One bridge we crossed had been burned and rebuilt several times in succession; and every bridge must be examined ere the cars pass over it. We ran only 14 miles an hour and carefully scanned the whole distance across the state lest some trap be laid for our destruction. . . . Everything looks warlike here. The streets are constantly thronged with soldiers and regiments, coming and going. . . . Yesterday we visited the hospital for the sick soldiers and those who were somewhat convalescent. Here were several who were in the terrible battle at Springfield, Mo., when the brave Lyon fell—some sick with typhoid fever, pneumonia, measles, etc. We never spent an afternoon more profitably in our lives than in visiting the wards in that mammoth hospital. Everything about the premises bore the marks of neatness. The rooms were well ventilated and kept in excellent

order—the beds tidy; each cot had a pillow, sheets and coverlet. . . . Most of the nurses are pious men and members of our church."

In 1862, Charles was assigned to Wyandotte, but Julia and Irving remained in their home at Palmyra, now called Baldwin City. Young Charles was in the 12th Regiment of Kansas Volunteers.

Julia reported the war situation in her regular letters to Eastern papers and now and then, in a lighter tone, the condition of crops, and current prices. In July, 1862, she wrote: "The weather is very dry, and unless we have rain, crops will come in light. There is an immense breadth of land planted and sown. Wheat is harvested and a fair crop. Garden vegetables light . . . quite a failure on account of the drought, in some places. We have had green corn for weeks past. The prices current are as follow: Flour \$5 bbl.; corn 15 cents per bushel; butter 8 cents per pound; eggs 6 cents per dozen; ham 5 and 6 cents per pound; pork 3 and 4 cents; beef 3 and 4 cents per pound; working oxen, 50 and 60 dollars; good cows, 10 and 12 dollars. We write this for the farmers of N. H."

In April, 1863, Charles enlisted in the Army becoming chaplain of the 7th Regiment, Kansas Cavalry, and within a few months was stationed at the Post Hospital at Corinth, Miss. Julia stayed on at Baldwin City and was there when the guerrilla, Quantrill, and his band raided Lawrence on August 21, 1863.

### "Lawrence Is on Fire"

A Boston paper published Julia's report of this tragic event, written the following day: "At an early morning hour, our son, Capt. C. J. Lovejoy, then home on a visit, looked in the direction of Lawrence and said: 'Mother, Lawrence is all on fire,' and in a trice was in the saddle and galloping down the street. I rushed out and saw the smoke of the burning city, then saw smoke arising from houses this side of Lawrence. My neighbors began to clear their houses of all their valuables, and secrete them in the woods and cornfields."

"I caught a little tin trunk with our valuable papers and husband's watch in it, that he had left as a kind of memento if he never returned from the war, and concealed it in tall weeds, and dragged out a trunk of clothing. . . ."

"The band took the Santa Fe road and fired Brookline (an extinct location). There our men, hundreds of whom were galloping over the prairies from every direction, headed them off

(Continued on Page 7)

## GRANDMA . . . By Charles Kuhn





from Baldwin City and Prairie City. At Prairie City our company of troops and citizens had augmented to 800 or 1,000 men and gave chase to Paola. Then the band broke and ran into the woods and cornfields and made its way to Missouri.

"Up to last night 120 had been found dead in Lawrence and it is thought that 150 have been killed. Business houses, banks and stores were robbed and burned. . . . Such a day of mourning as was yesterday never dawned upon Kansas."

During the winter of 1863-1864, Julia joined Charles at Corinth, Miss. Here, in addition to his duties as chaplain at the Post Hospital, Charles was conducting a school for some 80 Negroes—men, women and children of all ages. May of them worked in the fields and vegetable gardens operated by the Post and could only attend school at night, so there were both day and evening classes. Julia joined wholeheartedly in the work and taught an evening school as well as a daytime school for white children. Of her evening school she wrote: "We have never found in New England or elsewhere children with such ambition to excel, nor those who make such rapid proficiency in so short a time. The most who commenced with the alphabet now read in 'easy lessons' and I have one old Aunt Sally now learning her ABC's,

behold the line of transports anchored at the foot of the bluffs and to see regiment after regiment file past and through the gangways of the boats. And, too, there lay the sullen-looking gunboats belching forth huge volumes of smoke, with guns peering from every porthole.

"The Belle Memphis, one of the most splendid of the boats that ply the waters of the Mississippi, was at last secured for the special benefit of the Kansas 7th. And at Cairo our officers succeeded in chartering a train of cars of sufficient numbers to transport horses, baggage and regiment."

The city of Leavenworth voted \$800 for a reception and supper in honor of the returning Jayhawk regiment. "There a large delegation of mounted officers met and escorted them to the Fort amid booming of cannon and almost deafening demonstrations of joy, and the day following was a gala day throughout the city. It was ushered in by the firing of cannon. The long cavalcade of officers and soldiers formed at the Fort, two miles from town, and it was a grand and imposing sight to see them march with banners flying, flags streaming from housetops and windows, with martial music discoursing patriotic airs. General Jennison headed the procession and there, too, rode the youthful Major Francis M. Malone, the pet of his regiment. . . . When the

## Something New, June 16 . . .

Summer days for farm homemakers are extra busy. There's even more cooking than usual. To give you something a bit new to intrigue the cook and family we offer in the next issue of *Kansas Farmer* a story entitled, "Recipes for Summer Days." It includes new salads, a quickie casserole and southern-style steak. Watch for it in the June 16 issue.

who must have been a slave, at least 60 years old, and how her eyes danced with joy when she could spell A X, ax. They are deplorably ignorant of everything but hard fare, hard labor, and the overseer's lash. . . . The entire South will in our humble opinion be missionary ground and we strongly desire, if the climate in summer should agree with us, to return and labor here as teacher and missionary."

Early in 1864, Corinth was ordered evacuated and burned. The sick and wounded, with all hospital equipment, were removed to Memphis. The 7th Kansas was ordered home. "There was one universal clatter," wrote Julia, "thruout the mammoth establishment, and cars were loaded with their precious freight of brave men, maimed and battered in various ways, all for patriotism that glowed in their mangled forms."

Julia described for readers the long journey of the regiment back to Kansas. "We were obliged to wait a week in Memphis to get transportation to Cairo, Ill., for every boat that ploughs the waters of the Mississippi above Memphis had been seized by the government and pressed into the service of transporting troops down the river but to what point none but those in the secret were permitted to know. During our stay 15,000 to 20,000 troops had collected and it was a grand sight to

history of this war shall have been written by an impartial historian, it will no doubt be found that the 'Jayhawkers' have exceeded all other Western regiments in daring exploits and continuous skirmishing and hard toil."

The last letter in this series by Julia Lovejoy was an account of the battle of Mine Creek, Linn county, where a Confederate army under General Sterling Price was thrown back by Union forces under Generals Pleasanton, Blunt and Curtis. This defeat of Price's army ended the threat of a Rebel invasion of Kansas.

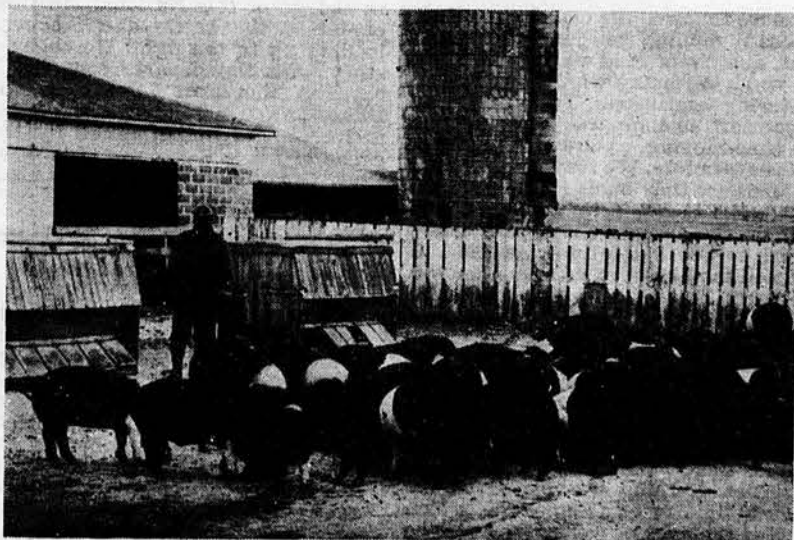
In the fall of 1864 the Lovejoys left the Methodist Episcopal church and joined the Free Methodists. At the close of the war they were sent to a pastorate in Lebanon, Illinois, where they remained one year, returning to their farm home near Baldwin in 1866. And here Julia died in February, 1882.

In her own words, Julia endeavored always to write of things as they were, to the best of her knowledge, and it can be said that her letters to Eastern papers did much to direct attention to the struggle in Kansas.

### Many Are Overweight

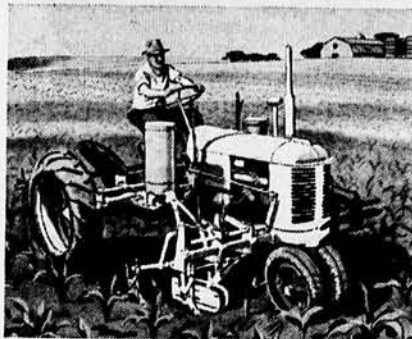
About 40 per cent of the women in a recent study were shown to be overweight. The study was made on 2,000 women in the Midwest.

## An End to Losses



CONCRETE LOTS are keeping Bush Newton, of Johnson county, in the hog business. "Before I put in concrete lots diseases took all the profits out of hogs," says Mr. Newton. Now he is carrying 20 sows and plans to boost this to 40 sows.

## SIDE DRESS CORN WITH Phillips 66 Nitrogen



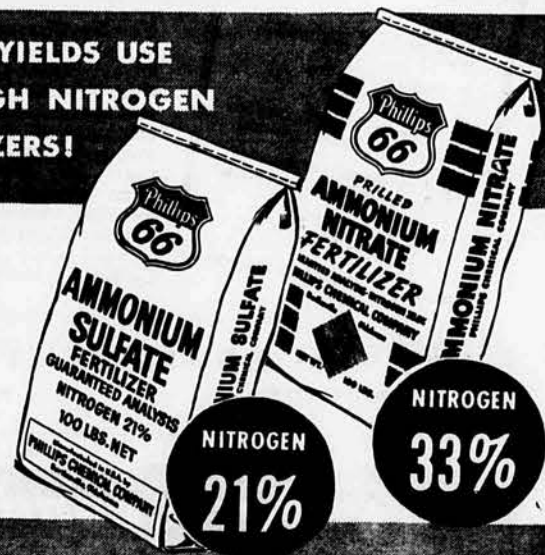
### Here's how to get bigger yields of Corn and Sorghums

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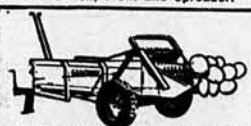
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## Article No. 4

# We Are Seeing America West and Northwest

By FRANCES R. WILLIAMS

WYOMING has much to offer the summer tourist. In the northeastern part is "Devil's Tower." Its location makes it a convenient side trip when touring the Black Hills or en route to Yellowstone. This national monument was featured in front page news a few years ago when a college student, in order to win a \$50 bet, parachuted to the top of the 865-foot tower. Being unable to descend, he was forced to spend several days atop this nature's freak and suffered from exposure, until rescued by expert mountain climbers. The tower resembles a huge stump or plug of gray-green lava that was pushed up out of the ground and in cooling formed fluted vertical columns. It measures 1,700 feet at the base, but narrows toward the top. It rises abruptly from the level plain and is seen for many miles. While it appears insurmountable, the tower has been scaled by several persons, including one woman.

## Thrills, Spills, Chills

Cheyenne, the capital city of Wyoming, located in the southeastern part, has been called the magic city of the plains. It has progressed from a tent and shanty town during the days of Union Pacific construction to a busy cosmopolitan city, an air and rail center. Cheyenne also is the center of a great cattle region, and wearers of the big Stetson hat and high-heeled boots which typify the cattlemen dominate the street crowds.

Our first visit came the last week in July, during the annual 5-day performance of the "World's Famous Frontier Day Rodeo." We have seen rodeos, big and little, but the Cheyenne rodeo is the "granddaddy of 'em all." The very air of the city suggests the rodeo spirit. The parade which takes place 2 mornings of the rodeo is a great historical pageant of the state. No time or expense are spared to make each year's parade bigger and better than the one before.

Never before had we seen so many fine horses, fine accoutrements, and fine riding attire. Some of the saddles are works of art and their value runs up into thousands of dollars.

Altho we had no reserved seats and did not buy our tickets until noon, we were able to get good seats at a reasonable price. The afternoon performance consisted of 20 events with as many as 25 riders competing in some events for the stake of \$1,500. For more than 4 hours we were treated with a spectacle of thrills, spills and chills in roping, bronc riding, steer and bull riding and bulldogging. In between contests the specialty acts of trick riding, roping, horse races and Indian dances were staged. Many tourists complained because of the high cost of lodging during the rodeo, but we camped in the free public camp of the city park, a clean, quiet place. Other attractions of the city are capitol building, the historical exhibits in the supreme court building and the army post nearby, Ft. Warren.

## Visit Old Fort Laramie

As we followed the Old Oregon Trail across Wyoming, we complained of the heat, dust from road construction and the wind. Wyoming wind has a way of blistering tender skin. Yet we traveled in comfort as compared with those in the slow-moving, ox-drawn wagons of 100 years before. We traveled in 1 hour the distance they made in 5 days!

Old Fort Laramie, an important outpost on the Oregon Trail, was established on the Platte river in 1834. It reached the height of its importance in the early 1850s during the great trek to the California gold fields. Supplies for the fort were freighted from Council Bluffs, Ia. The Donner party, who later were to meet a tragic fate, stopped for supplies and spent the 4th of July, 1846. That same time the historian Parkman visited the fort, described the Donner party, the fort and the daily activities. Nothing remains of the old original mud fort and stockade, which greeted the eyes of weary travelers so long ago, but the buildings erected later, when it became an army post, are now being restored.

Old Laramie is now a National Mon-



Frances R. Williams

ument. The young woman in charge of the small temporary museum supplied us with a pamphlet issued by the Department of Interior which relates the interesting history of the place. Ten miles northwest, a day's journey by ox wagon, is Register Cliff. Here names of hundreds of early travelers were inscribed in the soft, chalklike clay. But time and vandalism have almost obliterated the historical names.

## Old Forts Fade Away

Clear across the state in the far southwestern corner is Fort Bridger, another important frontier outpost. This trading post was established in 1843 by Jim Bridger, famed western scout. Here, too, the Donner party paused briefly before they left the well-marked Oregon Trail to strike out thru the uncharted, difficult Wasatch mountain on a shortcut, never traveled by wagons, which wore down their morale and eventually led to the death of half their numbers. Like Old Laramie, the first Bridger fort has long since crumbled away, but several buildings of the army post established later and the Pony Express barn built in 1860 are the chief objects of interest. The barn is now protected by a roof. One of the several army post buildings has been rebuilt and houses a fine historical museum. Fort Bridger is a state historical park.

Traveling across Wyoming from north to south, we passed thru Casper and then the oil-producing Teapot Dome region. Except for the oil wells, this section of Wyoming seemed desolate. Farther north, Sheridan is the center of a ranch country and is a typical progressive western town.

Beyond the Montana border, we came to the site of the Battle of the Little Big Horn. As we stood beside the iron fence which protects the stone erected to honor the soldiers killed in "Custer's Last Stand," the young man in charge of this National Monument explained the battle and the events leading up to the fight. He began his story with the departure of the 7th cavalry from Fort Lincoln in North Dakota some 400 miles away. Outmaneuvered and outnumbered by thousands of fierce Sioux warriors, led by Chief Crazy Horse, Custer and his 230

(Continued on Page 9)

## Fruit Cultivation

Many inquiries have come to us regarding orchards and their cultivation. The Kansas State College bulletin, "Growing an Orchard in Kansas," answers many questions on selecting orchard varieties, choosing the site, number of varieties, soil preparation, planting time, pest and rodent control and many other subjects. For a copy of this bulletin, please address Bulletin Service, Kansas Farmer, Topeka. There is no charge.



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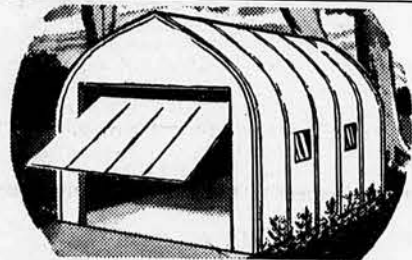
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men were led into a trap and annihilated to the last man. One third of the Sioux were equipped with firearms, many of which were the latest Winchester repeating rifles issued for hunting by a benevolent Uncle Sam, while Custer's men were equipped with Springfield single-shot carbines with faulty ejectors.

The actual battle lasted less than an hour, between 4 and 5 o'clock, the afternoon of June 25, 1876. . . . We stood on the ridge and looked across the battlefield. Here and there scattered on the field were simple white stones which mark the spot where one or several men fell. On the sidehill just below us, the white markers clustered around the spot where Custer, or Yellowhair as he was called by the Indians, fell surrounded by his officers and men.

Farther down the slope, the green, well-kept National Cemetery stands out in contrast to the brown, arid hills. Here lie buried, under the bluegrass sod, soldiers of other Indian battles and those who have died in later wars. The ranger pointed out another ridge a few miles to the southwest. Here on the fateful day of Custer's defeat a small force under command of Major Reno was surrounded by a vastly superior force of Indians. For more than 2 days the Indians were held off, until reinforcements arrived. Altho Major Reno's force was only 4 miles distance, they had no inkling of Custer's fate until word of the tragedy was brought by one of the newly-arrived troops who discovered the dead. The only living thing found among the mutilated dead was the wounded horse, "Comanche," belonging to one of Custer's officers. The horse survived the battle for 15 years. The animal was mounted and may be seen in the Museum of the University of Kansas, at Lawrence. Names of the 230 troops as well as those killed under Major Reno are inscribed on the large monument on the battle site.

We stopped at the gift shop near the battlefield to purchase the book, "Custer's Last Stand," by Robert Utley, the young man who had described the battle for us. In front of the gift shop was a small buffalo calf.

#### **Insect and Rat Control Discussed**

Since 1949 there has been a marked decrease in bushels of wheat in Kansas infected by weevils, but there still needs to be better "on the farm" and elevator care of wheat against stored grain insects, according to Jess Smith, president of the Kansas Wheat Quality Council.

At a grain bin clean-up meeting in Topeka, May 23, rat control and new rat-killing products on the market were also discussed with grain fumigation activities. These tips were given for effective rat control on the farm: (1) Do everything you can to make it hard for rats to find something to eat; (2) get rid of rat harbors and shelters; (3) kill rats regularly; (4) community project is needed; and (5) the fight must be regular and continuous.

Attending the meeting were farmers, county agents, elevator operators, salesmen, bin inspectors, and agricultural specialists of Kansas State College and the U. S. Department of Agriculture. About 50 persons attended the meeting and farm demonstration.

#### **Perry Chosen Judge**

J. L. Perry, Seymour Packing Co., Topeka, has been chosen one of 9 judges for the Dressed Poultry division of the 1951 National Chicken-of-Tomorrow Contest finals. The event will be held June 11 to 16 at the University of Arkansas, Fayetteville.

#### **Fertilizer Values**

We recommend a recent publication by Kansas State College Experiment Station, entitled, "Fertilizer Recommendations for Kansas." Some of the subjects of interest are "Relative Value of Manure Versus Commercial Fertilizers," "Types of Fertilizer," "Fertilizers for Various Crops," (legumes, grain, vegetables, fruits, lawns), and "Methods of Application." A free copy of the bulletin will be sent to you upon request to Farm Service Editor, Kansas Farmer, Topeka. Supply is limited so suggest early order.

# TEAMED-UP

for a  
stronger  
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Farmers and railroads are long-time "partners"—in one of the biggest and most vital jobs in America.

The farmer grows the food, the feed, and the fiber so basic to the strength of the nation. The railroads bring the farmer his supplies and equipment—and carry his products wherever they are needed.

*And these days, when national rearmament is everybody's biggest job, this "partnership" takes on even greater importance. For, as America's "muscles" get bigger, its appetite for almost everything increases enormously.*

American farmers are working to produce the crops that will be needed, come what may. And the American railroads are working with them and with all of industry to move the things the nation needs to keep it prosperous and to keep it strong.



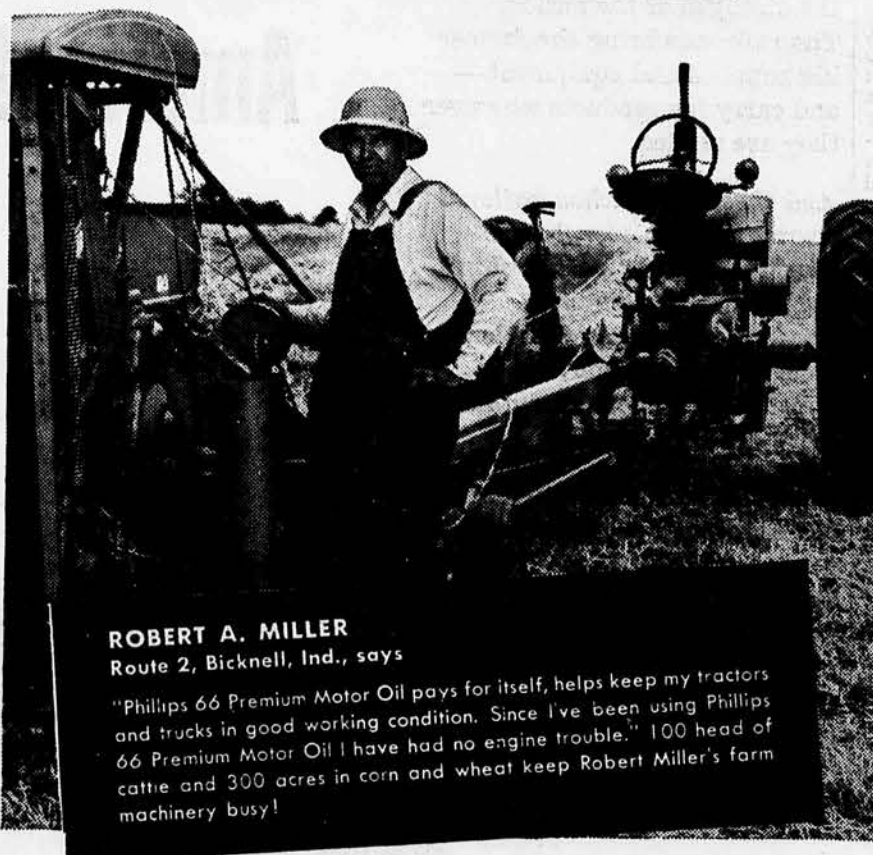
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Route 2, Bicknell, Ind., says

"Phillips 66 Premium Motor Oil pays for itself, helps keep my tractors and trucks in good working condition. Since I've been using Phillips 66 Premium Motor Oil I have had no engine trouble." 100 head of cattle and 300 acres in corn and wheat keep Robert Miller's farm machinery busy!

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You get the combined advantages of sturdy construction and scientific tread design when you choose Phillips 66 Tractor Tires. Get them from your Phillips 66 Dealer or Tank Truck Salesman.



Hear Rex Allen and the Sons of the Pioneers Every Friday night over C. S. S.

## Books for Your School

Dear Reader: Do you think the story-writing contest with cash awards and books for school libraries as prizes was a worthwhile project? If you have an idea on the subject, we'd be happy to get a letter from you. This includes fathers and mothers as well as the young folks. The reason . . . well, we're giving thought to the idea of sponsoring another contest next fall. We want your ideas about it.

Write to Florence McKinney, Women's Editor, Kansas Farmer, Topeka.

## This Is Why . . .

### They Like to Live on Farms

SEVERAL hundred farm boys and girls have been telling *Kansas Farmer* editors "Why I Like to Live on a Farm." These boys and girls all were entrants in a story-writing contest sponsored by *Kansas Farmer*. Cash prizes and books for the school libraries were the awards.

All the winners have been chosen and the announcement will be made in *Kansas Farmer* soon. While only a few won, a lot of interesting things were brought out by the contestants. After reading several hundred letters and learning why boys and girls like to live on farms you can almost see those children and tell what kind of young folks they are.

One thing we noticed in most of the letters is that a creek is a very dear thing to the farm boy or girl. Nearly every entrant mentioned a creek and connected it with some happy occasion. For instance, Robert Dale Bookstore, of St. John, says: "Rattlesnake creek runs thru our farm and I have fished in it since I was old enough to hold a pole. I also have my own private swimming hole and can dive off logs, or drop off the limb of a tree."

#### Fishing Is His Hobby

Stanley Morris Bowen, of Ozawie, writes: "My hobby is fishing in summer. We fish in a small creek called French Creek on the 80 acres I live on. Our pet ducks play about and swim on the water there. It is fun to watch them dive down to catch the small fish called suckers."

Many boys and girls mentioned 4-H Clubs as a primary reason why farms are good places to live. But none expressed it better than Keith McCluskey, of Junction City, who writes: "4-H is a good example of why I like the farm. You meet other kids, compete with them, and you can know the thrill of winning. In 4-H you learn to make things and learn to farm. You can feel proud when you can say, 'I made this dress' or 'that's my calf you're eating.' Some 4-H kids go to the 4-H camp and they know how much fun you can have and still you learn a lot. At the 4-H Club meetings you learn how to conduct meetings. When you get on committees you can feel proud and that is a good way to learn to take responsibility."

#### All Like Animals

A lot of youngsters mentioned their love of animals as a reason for liking the farm. We liked the way Marilyn Henry, of Carneiro, expresses it. She says: "There is a thrill for farm boys and girls who love animals to be the first to see bossy's new calf, a new litter of pigs, or maybe a long-legged colt, and then to watch them grow to maturity and usefulness."

Probably none of the contestants showed such vision beyond the farm limits as did Nina Gilliland, of Winfield. Says Nina: "I like the farm for a million reasons, but mostly because it is a place of freedom, where everyone has to work together to get any successful results. To me a farm is a miniature world of its own where hundreds of things are happening every day. If the big world could take time to be 'co-operable' and if all the people would work together like people on a farm, then

maybe the world could be one big happy place where everyone could know the freedom that is on a farm and everyone could be peaceful and happy and live like the one big family that God intended for us to be."

In that one paragraph little Nina has outlined a philosophy that could save the world if everyone just followed it. Shortly after Nina wrote these words of wisdom her own world was shattered by tragedy. A fire completely destroyed the Gilliland farm home, which might mean the family would have to move to town. "Nina cried most of the day because she couldn't stand the thought of moving to town," wrote Gladys Lockyear, teacher in Nina's school.

#### Farm Offers Safety

The effect of the war didn't show up very often in the letters but a few children made it known that the war was in the back of their minds. One girl has it all figured out. She is Shirley Hardesty, of Idana. Says Shirley: "On the farm, if they ever drop bombs, I can be sure there won't be any sky-scrapers falling on me."

Are farm people more friendly and neighborly than city folks? Most country boys and girls think so and many mentioned that as an advantage for farm life. Kay Kramer, of Atchison, puts it this way: "Our farm neighbors are willing to help us in need. If there is sickness they do the chores and farming. Neighbors help each other at harvesttime, too. I like this friendly way of doing things."

After reading their letters you just know you would like Betty Holliday, of Randolph; Beverly Ann Dains, of Council Grove; and Ruth Litke, also of Council Grove. You know you would like them because, even in their contest entries, they took time out to share some intimate experience or thoughts with you.

#### "I Had the Measles"

Betty Holliday says: "Last month I had the measles. The morning that I became ill, I milked 3 cows and stayed with the choring until the job was done. I was too sick to attend school. When the doctor came he said that I had the measles. This I did not wish to hear, because I knew that it meant I would have to be confined to my bed for almost a week."

Beverly Ann Dains wants us to personally know the animals she loves so well, so she writes: "I shall tell you of the animals that are at my home. We have a cow and her name is Pet. She is all red except a little on her forehead, on her stomach, and a little white on each leg. She has a little calf about a week old. She is a roan. We call her Roany."

Ruth Litke lets us in on the fact that: "There are 10 cats at our farm, 2 mothers, 6 kittens, and 2 tomcats. We have one dog, his name is Butch. He is white with a brown ring around his neck and tail. He is a collie."

Not many adults have the ability to express themselves so beautifully as Beverly Todd, of St. Francis, who writes: "The trees seem to whisper to the wind and it carries the message on to another one." In another place she says: "When I see the birds flying

## You Will Be Welcome

A 2-day beef cattle herdsman's conference is being held at Kansas State College, Manhattan, June 4 and 5. An educational program is being planned for breeders, herdsman, assistant herdsman, and others interested in purebred beef cattle breeding, feeding, grooming, showing and management.



up above me it seems as if I can tie a message to them and they can take it to God himself."

But Beverly isn't the only one who can say things well. Lois Grotheer, of near Pittsburg, is describing the beauty of her farm. She says: "In the spring there is a field of checked corn which looks like a tied comfort."

And we liked this comment by Geraldine Skolout, of near Atwood, who writes: "When I get up in the morning I hear the sweet voices of the little birds inviting the beautiful golden sun into the bright blue sky." Or this one by Bert Chronister, of Eudora: "Farming helps us to find ourselves and develops a willingness to help others."

Mary Heuertz, of Valley Falls, finds that she can express her love for the farm in poetry. In a poem entitled: "I Love the Farm," she writes:

*It's the farm for me  
A life most free;  
With plenty to love and plenty to care  
With plenty to eat and plenty to wear.  
I love the farm!*

*It's the farm for me  
Where joy is free;  
Where frolic and fun, and quiet and rest  
Are mingled; and bring the life I love best.  
I love the farm!*

Max H. Fossey, of Little River, probably had his tongue in cheek when he

wrote this gem: "The farm child is always occupied and never has a dull moment with nothing to do. If you can't think of something to do yourself, Dad always can."

Humor cropped out in several of the letters. Janice Rufenacht, of Ness City, in pointing out the advantages of farm life, says: "Your dog can bark and your cat can yowl, but no one will shout at you to shut up your dog, or throw a shoe at your cat."

Philip Kinast, of Haven, writes about his pet ram. "We have a ram on our farm that likes to play. Anyway, he thinks it's play. He always wants to knock you around, if you know what I mean. If I didn't live on a farm you can see what I would miss—and also what the ram would miss."

We liked this little bit from the pen of Carol Roark, Edwardsville: "Once I made a very nice cake in 4-H cooking. It looked pretty and smelled good, but you could bend it like an accordion. (I forgot the baking powder.)"

In closing, we would like to present this little poem from the pen of Marie Ellen Ruhnke, of Troy:

*Oh! Yes, I'm happy as I can be,  
For I live on a Kansas farm, you see.*

*I'm a typical farmer's daughter—they say,  
And I hope to be a farmer's wife—someday.*

*But where could I be more safe from harm?  
Than living with God on a Kansas farm."*

## Thoughts TO LIVE BY

### I Can

THE father of a lamented son approached the Master on one occasion saying, "If thou canst do anything, have compassion on us, and help us." Jesus' reply has been translated something like this in one of the modern translations of the New Testament: "If thou canst? All things are can to the believer." Anyone can say, "I can't." Many will say, "I'll try." Only a few say, "I can." They are the ones who can accomplish the impossible. There are people who believe the big difference between the possible and the impossible is that the impossible just takes a little longer.

The French engineer, Count de Lesseps, who had successfully built the Suez canal, attempted to build a canal across the isthmus of Central America. Altho he had 50,000 men and a vast sum of money at his disposal, he failed and died in Paris of a broken heart. The big obstacle was yellow fever. At one spot a thousand men were sent to dig; within a year every man was dead. So the project was cancelled. Building a canal across Panama was impossible. Then Dr. Walter Reed did his research on the mosquitoes, and that led to the end of their reign of terror. According to legend, the American workmen who took up the task of digging the canal used to sing:

*Got any rivers you say are uncrossable,  
Got any mountains you want tunneled thru?*

*We specialize in the wholly impossible,  
Doing the things that no man can do.*

Not so long ago, I bought a book entitled, *You Can Change the World*. It sets forth the stories of many people who bent their backs to seemingly impossible tasks and accomplished them. Some of these conquerors are bound together in a fellowship which gives them mutual encouragement.

Even more recently, I read the

book, *Road Without Turning*, by James Robinson. It is the autobiography of a man who faced the 2 enemies of prejudice and poverty. He finished high school against the opposition of his parents. He went to college despite the fact his matriculation fees were picked from his pocket en route. He assured the registrar he would have the necessary money by October 25. Early in the month of October, he was very discouraged for he had no idea from whom he could obtain the necessary funds. He tried to walk off his discouragement, walking as if in a trance. When he came to himself, he was on a railroad trestle. His fear of high places filled him with panic. Then he thought that if he were predestined to die, he might as well go out courageously. And if he were predestined to live, there was no reason for fear. That thought of predestination gave him his idea. He went back to his room and wrote the following letter addressing it to approximately 20 professional men who lived in or near Cleveland, Ohio.


Dear Sir:

I am a poor Negro student studying for the Christian ministry. I am about to be dropped from school because I have no money. Would you let \$10, \$15, \$25, or \$50 stand between you and the contribution to human society I might someday make?—James H. Robinson, Lincoln University, Oxford, Pennsylvania.

P. S. I need this money before October 25th.

That man, as you can imagine, has risen above many seemingly impossible situations.

Today, we face misunderstanding, animosity, and possibly war abroad, and entrenched self-interest, corruption, and possibly inflation at home. Too many people have succumbed to the enervating attitude that an individual can't do anything about these sizable obstacles. Someday, someone will say, "By the power of God, I can." That someone could be you. —Larry Schwarz.



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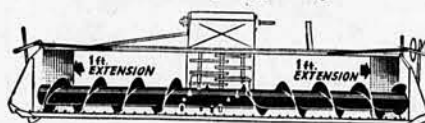
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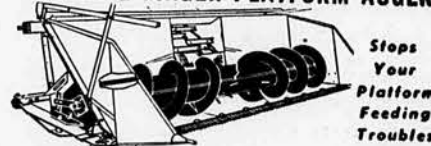
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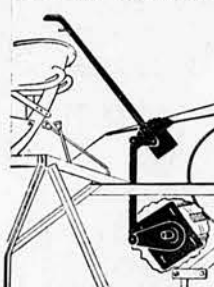
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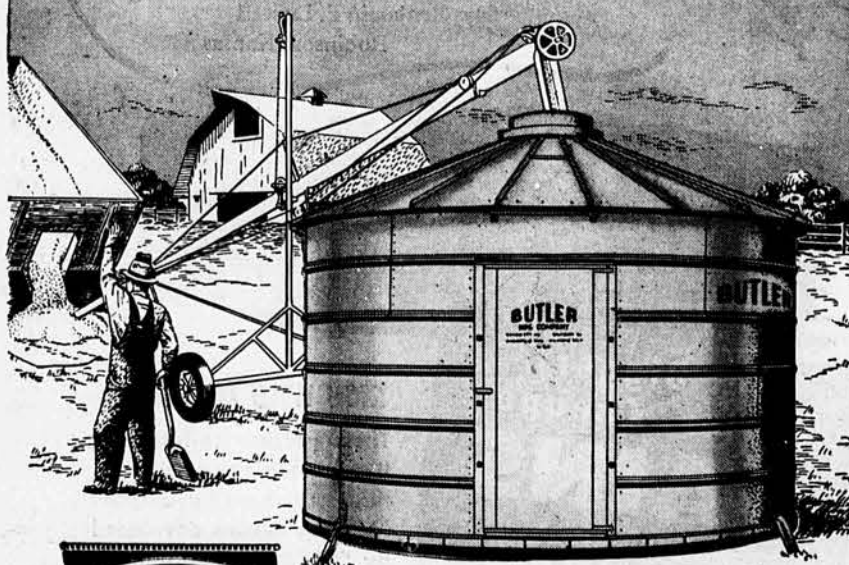
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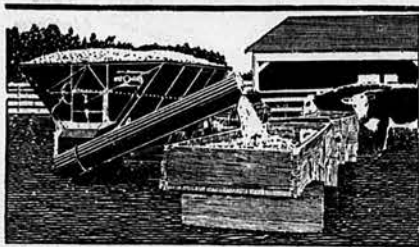
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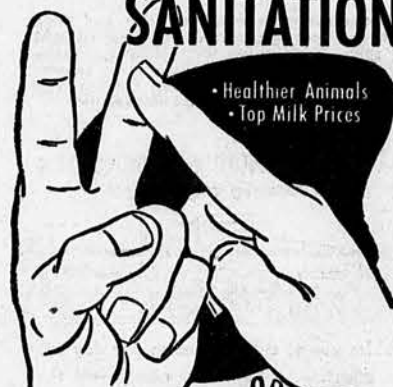
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## Loafing Hens Can't Fool You

By **TOM AVERY**  
Department of Poultry Husbandry  
Kansas State College



"Thought I wouldn't catch you, didn't you!"

IT TAKES a mighty good hen to pay for herself during summer. Never pays to keep a loafer. During the next 2 or 3 months it is important to cull more than just hens that are out of production. Many poultrymen dispose of all laying hens at this time of year; they don't feel the profit from old hens during hot summer is worth the extra effort it takes to care for them properly. Having old hens out of the way gives more time for pullets.

It is easy to tell the difference between a hen that has been laying a long time and one that has been resting. But it is more difficult to detect the hen that has been doing a mediocre job from one that is still profitable to keep.

Any hen not laying now should be disposed of at once. If she isn't producing now she won't lay when hot weather arrives. Easiest way to detect this type hen is by the abundance of yellow pigment in her shanks, beak and vent. That type hen looks nice but looks don't make egg profit.

### Some Lack Yellow Pigment

Some breeds of chickens don't have yellow pigment because they are born without it. Other breeds are born with pigment, but after continued laying bleach it out. About the only chickens raised in this section of the country born without yellow pigment are Austral-White, Black Australorps and Minorcas. All other common breeds and cross-breeds are naturally yellow.

Any hen that has bleached all yellow pigment from her body including shanks, has been laying at least 6 months. Chances are that if she has laid that long she will continue to lay well in the future.

When a hen is not laying she deposits yellow coloring she gets from feed under her skin. But as soon as she starts to lay she uses all the coloring she gets from her feed to color the egg yolk. This means no more yellow pigment is deposited under the skin and that already there begins to bleach out. When a hen starts to lay, yellow pigment leaves the vent in 7 to 10 days, beak in 4 to 6 weeks, and shanks 18 to 24 weeks after laying starts. With this evidence there isn't much a loafer can do to cover up if she hasn't been laying.

As pointed out, pigment leaves the shanks last in from 18 to 24 weeks. That means if a hen lays steadily for 6 months she should be free from yellow pigment. There is no way of know-

ing whether she has laid longer than 6 months.

As soon as egg production stops, yellow pigment starts returning to her body. It returns in exactly the same order it left but at a much faster rate. It returns first to her vent and to her shanks last. Hens on an average diet usually will replace pigment to all parts of the body in 2 to 4 weeks.

It is possible for a hen to lay well all winter and for some reason take a long enough rest in spring to regain the yellow pigment. She would appear to be a poor hen, when actually she isn't. These hens are few, so a safe rule to follow when culling in June is remove all hens that show more than a slight amount of yellow pigment. Egg production is inherited. If she inherits the tendency to rest once there is nothing to keep her from doing so again.

Pigment isn't the only way to tell about a hen's past. It tells how persistent she has been, but it doesn't tell whether she has been laying 1 or 6 eggs a week. One of the best ways to determine how intensive her rate of lay is by measuring handling quality. This serves as a double check on hens with yellow pigment, but also is useful when culling hens born without yellow pigment.

### Have You Tried This?

Handling quality is best measured by permitting the bird to rest on one arm and tilting the body forward so the abdomen is slightly higher than the rest of the body. With the other hand determine the texture of skin over the abdomen, with particular attention to skin just above the end of the breast bone, and over the pubic bones. If the skin is very loose and pliable it is a good indication she has been laying at a high rate. If the skin feels tight, leathery, and is thick she may have been laying but probably at a slow rate. The ideal hen is one showing no pigment and good handling quality. A hen showing no pigment and relatively poor handling quality shows she has laid over a long period of time but at a slow rate. One showing some pigment but good handling quality has had a rest period but laid at a high rate when she did lay. To be profitable during summer a hen should at this time of year show very little pigment and at least fair handling quality.

Primary wing molt is another factor to be used in culling, but can be more accurately used in summer and fall.

## Answers to Your Flower Questions

By **FRANK PAYNE**

FROM the many letters I receive, a lot of farm folks want information about growing ferns in their homes. I will agree with you that a nice, healthy fern of any type is really an ornament in any home, winter or summer. You can almost see them grow into a beautiful foliage plant, so cheerful in the winter and they always look so cool and refreshing in the summertime, too. But Oh, My, how awful and puny a sick fern can look. Here is what many letters ask:

**Question:** How can I care for my fern? It looks puny and sickly. What can I use to fertilize it? How often must I water my fern? Where is the best place in my home to keep it?

**Answer:** Thank you for your letter asking about ferns. I do hope I can be of help to you. First, remember that ferns are not a bit hard to grow, they

even grow outdoors with no care at all, but are under certain conditions.

Of course one's home is quite different than where ferns abound, but you can help a lot by not doing things they so much dislike. One of them is location. They prefer a spot away from a radiator or stove, yet do not like to be too near a window, if that window happens to be in extra strong sunlight. An east or north window is best. They delight in a moderately warm and moist atmosphere.

Ferns object to stagnant moisture at their roots or an oversupply of watering. Allow plenty of drainage and water thoroughly only about once a week.

Ferns need plant food. One of the best and easiest feedings is to save the blood when you kill a fowl or any real bloody water from washing meat. Put

(Continued on Page 13)





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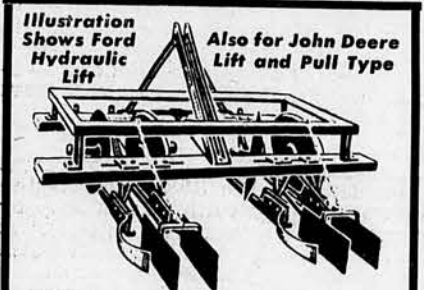
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some of this bloody water on the soil, not the foliage, and then watch your fern really go to town with a nice, rich leaf growth. That is about all there is to growing ferns except checking them over once a month to see they have no bugs or insects that may bother them.

Now in this next question is where I start the fireworks and also step on the toes of a lot of flower lovers, but I do know I am right in my answer. Here is the \$64 question and it's all about Gladiolus corms changing the original colors of the blooms.

**Question:** Three years ago I bought some mixed gladiolus corms. They bloomed nicely the first year (90 days after planting and I had over a dozen nice colors including some yellow ones. The second year I had nice blooms but only a few colors. Now last year all I had was yellow flowers—no other color at all. Why did my glads change their colors?

**Answer:** Hang on to your chairs, folks, because my answer is going to start an argument. But this is my answer and I know I am right, too! Your glads did not change their color! You of course think they did but you are mistaken. Here is what really happened. Some varieties of glads are exceptionally strong, vigorous growers and also prolific producers of corms and cormlets. The one with primilinus parentage specially are that type. They have some of the original blood from the wild glads that were found over in Africa.

Now, other varieties are much weaker and do not make many corms or cormlets at all, in fact the old corms die off rapidly. Each year your yellow

glads reproduced many times over the original corms, while the other colors just died off or weakened and failed to reproduce. In 3 years your yellow glads multiplied rapidly and your other colors died off. That is the reason you think they changed color, but absolutely they did not change at all.

Yes, I know it's hard for you to believe that in view of your experience, but believe me when I tell you that in 32 years of growing acres and acres of Glads, as many as 50 to 100 varieties all in the same field and as many as 300,000 corms each year, I have never had a Glad to change its color.

You would think in all that time such would happen to me if it happened to others, so that's just another reason why I know I am right in my answer. (Of course I don't want to pose as a know-it-all—I still have a lot to learn.) Now that I have that argument settled; I hope, let us get on with other questions and answers on other flowers.

Quite a bunch of letters came in asking questions about Gardenias and Azealeas for house plants. The only information I can send out to them is that both kinds make very poor house plants. True, they are beautiful and they do grow nicely in a greenhouse where temperatures, moisture, soil and all conditions are ideal and to their liking, but as a house plant no amount of mothering will keep their buds from falling or the plants strong and blooming. So you had just as well discard them as soon as the flowers fall.

In my next questions and answers many different flowers will be discussed. Look for it soon.

## Something to Know About Onions

By WILLIAM G. AMSTEIN  
Kansas State College

ONIONS are one of the most popular home-garden crops. With proper selection of types and varieties they can be grown in all seasons in nearly all parts of Kansas. Most gardeners confine their selection to bulbs of the common onion. This often cuts down on the supply since storage for many families is a problem.

In spring and early summer before the bulb-type onions are ready, there are several types often referred to as bunching onions which can be grown to take the place of the usual onion. These include the multiplier (potato), the Egyptian (perennial tree) and the Welsh. Some refer to the Welsh as a multiplier. These onions can take more extremes of temperature than other types.

Too few gardeners grow ordinary onions from seed but rely too much on onions from sets or plants. In choosing onions from this group, I believe more should choose stronger onions since they ordinarily will store better. The 2 general types of common or bulb onions are the American and the Spanish type. The American type has smaller bulbs, stronger flavor, better keeping quality and a firmer flesh. However, Spanish types mature earlier than American varieties.

In the future we can expect to have hybrid onions available of both Spanish and American types. They will have better storage quality even though possessed of earlier maturity. Hybrid onions may well prove as outstanding as the other hybrid vegetable introductions.

Welsh onions can be propagated by seed or by divisions from mature plants. Once established they will live for years. Therefore locate them in a perennial area where they will not need to be disturbed for several years. Mature plants multiply rapidly by sending up from their crowns shoots that form a cluster of plants. These clusters may be divided and the individual plants

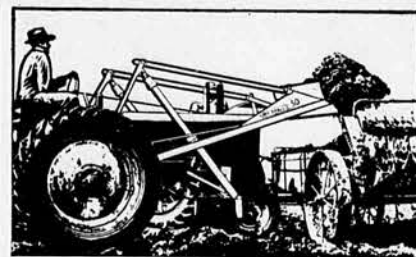
may be reset to enlarge the bed or used as bunching onions. No true bulb is formed, but a slightly enlarged base of the plant and the lower blanched portion of the stem are the edible parts.

Variety names for Welsh onions include Welsh Winter and White Welsh. A group known as Japanese long bunching is often handled under the same group and used the same way.

Egyptian (perennial tree) onions also should be planted in the perennial or protected area. They are propagated by small bulblets which form in bunches on tops of mature plants. These can be obtained from seed houses or from established plantings. Plant them in late August or early September, 2 to 3 inches apart in furrows 4 to 5 inches deep and cover to a depth of 2 inches. As plants grow furrows are gradually filled until level with the ground. They start growth again early in spring and young plants can be pulled for bunching onions.

Leave some plants at 12-inch intervals in the rows to send up seedstalks on which the bulblets are borne. By replanting these bulblets a constant supply can be maintained. The mother plants which have been left to produce bulblets can be lifted and divided every 2 or 3 years to keep them from becoming root-bound. Both red and white types are available. The white is preferred. In catalogs they are listed as winter onion sets, perennial sets or top sets.

Potato (multiplier) onions should be used the same as the others and planted in perennial areas. They are propagated by bottom sets which form around the base of mature plants and resemble small common onions. They can be handled the same as perennial tree onions. By leaving plants at 2-foot intervals you can obtain bulbs from these mother plants that can be broken off and used for additional plants. Mother plants can be reset and will again produce a supply of bulbs.



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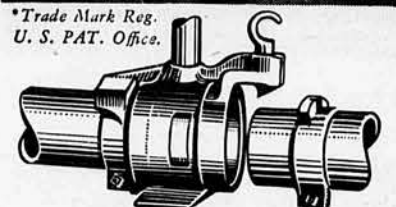
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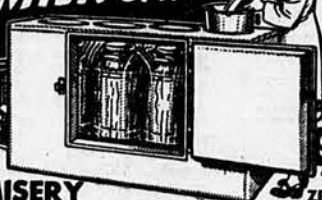
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## Vocational Agriculture

By **HELEN ANKENY**



**F**IRST place in the 1st annual co-operative leadership contest in Kansas has been won by the Beloit High School chapter of the Future Farmers of America. Sponsor of the contest is the Kansas Co-operative Council, an organization which promotes farmer co-operatives. The prize for the state-winning chapter is an expense-paid trip to the American Institute of Co-operation at Logan, Utah. Making the trip will be 5 members and the instructor, Howard R. Bradley. The Beloit group will compete in the national contest at Logan for \$1,000.

Officers of the Beloit chapter eligible to make the trip are Harrell Guard, president; Neal McKee, vice-president; George Betts, secretary; Roy Snyder, treasurer, and Gerald James, reporter.

Second prize went to the Atchison county rural high school chapter. Third prize went to Ellsworth high school FFA chapter.

All 3 winners received plaques at a meeting of the council in Salina on May 7.

Ingenuity of 2 McCune Future Farmers supervised by their adviser, Ralph Utermohlen, has paid big dividends for them. Arthur Grove, in the McCune Vocational Agriculture farm shop, constructed a trailer this year for use on his dad's farm. Grove used old running gears for the trailer, then welded the braces and uprights. The project was begun last fall by Grove and the trailer is now in use on the home farm.

Young Wallace Morrison decided his FFA project of 2 brood sows needed a shelter. Not having much money, Morrison decided he would build a shelter. He bought scrap piping, old boiler flues and oil lines, and with the help of a friend, Ed McClanahan, welded the piping into a framework. He covered the framework with old sheet metal lying around the farm, and the result of his labors is a 12-by-9 sheet-metal building which can be moved by wheels which Morrison attached to it.

Monday, following dismissal of school at Smith Center, the Smith Center Future Farmers and their instructor, Charles Mantz, will start on a trip to see the Harlan Dam in Nebraska.

Among many projects carried by Hoxie Future Farmers and their supervisor, Willard Barry, is purchase and distribution of 2,600 pounds of certified grain and sweet sorghum seed among members. Also, they have just completed a portable cattle squeeze for use of their members and veterans taking on-the-farm training. In addition, they have mixed and distributed 250 sacks of swine protein mix.

About 400 young men have been members of the Chanute chapter of Future Farmers since that chapter was chartered in 1929. The chapter was one of the first 12 to be chartered in Kansas. Walter Harder was first adviser and Charles Carter is present adviser. There are now 52 members in the chapter and 19 members have been awarded the highest degree awarded by a state association, that of State Farmer. One member, Wayne Brant, was president of the Kansas association in 1942-43. All 52 members have a net worth in

livestock, machinery or land, listed at the school. The average net worth of the 9th grade Future Farmers is \$486; sophomores, \$600.35; juniors, \$586.24; and seniors, more than \$1,000.

Beloit high school's Vocational Agriculture instructor and adviser next year will be Frank Carpenter, who received his master's degree in education this spring at Kansas State College.

Meade Future Farmers and their instructor, Jerry Gee, recently were awarded the contract to landscape the new school grounds at Meade and reseed the area in front of the school. Work on the project started several weeks ago. Trees and shrubs were selected by Gee to carry out the project. Velvet grass will be used for lawn and plans call for planting cedars, Pfitzer spreaders, Red Barberry, Honeysuckle, Golden Berkman, Blue Mist, Golden Bell and Duetzer trees and shrubs.

In addition, the Vocational Agriculture students have plans for establishing a small tract of ground east of the Meade airport on which they will have a tree nursery. Fifty cedars and about 200 Ponderosa pine plantings and others have been received for the nursery. In fall the Future Farmers will start trees from seed at the nursery site. About 100,000 trees will be planted in a spot 10 by 100 feet, the first year. Second year these trees are to be taken up, transplanted into rows and offered for sale.

LaVerne Ross has been hired to teach Vocational Agriculture at Washburn rural high school next year, replacing Hugh I. Moore, who has resigned to devote full time to farming. Ross, a graduate of Washburn high and Kansas State College, has taught 2 years at LaCygne high school.

Among the pieces of farm equipment completed in the Shawnee Mission Vocational Agriculture farm shop by members is a "farm shopmobile." It consists of a 2-wheel trailer on which is mounted a gasoline-powered arc welder and a war-surplus AC generator. One side of housing may be let down to form a workbench. This outfit makes it possible to do any repair work in the field and away from an electric power line. Joe White is in charge of the farm shopmobile. Work on the equipment was supervised by H. D. Garver, Vocational Agriculture instructor.

Sixty-five Future Farmers of the Winfield chapter provided an important work contingent at the Winfield fairgrounds work day on May 24. The boys joined 400 businessmen and farmers to help repair, repaint, renovate and otherwise put the fairgrounds, ball park and Island park facilities at Winfield in first-class condition for summer.

According to the annual report of Bob Ball, immediate past president of the Kansas FFA Association, 95 per cent of the chapters competing in the Kansas State Better Chapter contest for the past school year engaged in these activities: fire prevention, safety, pest eradication and livestock-loss prevention.



**NEW OFFICERS** of Kansas FFA Association, left to right: Marvin Decker, Holton, president; Wayne Thies, Shawnee Mission, vice-president; Richard Reinhardt, Chanute, reporter; Francis Reichart, Valley Falls, secretary; Darrel Gartrell, Stockton, treasurer.



## About . . .

## Grandparents Who Interfere

By MRS. MARION QUINLAN DAVIS

RECENTLY the home department received this inquiry. Quickly, we referred it to our contributor, Mrs. Davis, for reply. The question: What do you think is the best way to handle grandparents who interfere in rearing our family? They live in the same community and see a great deal of our children.

Mrs. Davis says: A bad mother-in-law, like an interfering grandmother, usually is a good woman who does not know when her job is finished. She has managed a big job and big family for so long, she can't get out of the habit of advising and directing.

Best and only way to "handle" such grandparents is to learn you can't. They have to handle themselves. But you can develop a perspective and philosophy that will help you understand and bear with them.

The one thing for which you can't operate on a woman is a mother-in-law. Sometimes a book like "Belle-

Me" by Kathleen Norris helps her understand herself. Then the outlaw becomes an inlaw. Sometimes she even becomes an ally and friend.

Successful grandparents have prepared for that period of their lives by being persons first and parents second. They have had interests outside their children and so have not felt impelled to lead their children's lives. If they have filled their own lives with interests, they will be welcome and admired grandparents who will be too busy to stay long.

Should conditions they have dreaded most, that is, of living as dependents, fall to the lot of parents, they can make their presence warm and desirable by adopting a generous, kindly attitude of love and helpfulness toward the whole family.

A good place to begin is with the children. Everyone knows when you take a child by the hand you win the heart of the parent.

As a rule, men play the in-law and

## Good Cooking Is an Art

Do we do as much as we might in making girls see that good cooking is an art, a creative outlet for self-expression?

Mere" by Kathleen Norris helps her understand herself. Then the outlaw becomes an inlaw. Sometimes she even becomes an ally and friend.

One young wife was developing migraine headaches, among other symptoms, because of a dominating mother-in-law, who always had held her son octopus-fashion. In desperation she left a copy of "Belle-Mere" on her dresser for her mother-in-law to find.

"What's this book?"

"Oh, you won't like it, mother Canfield."

"What makes you think I won't like it. I'm sure I will. May I borrow it?"

Some days later, the mother-in-law phoned her daughter-in-law and groaned, "I've been beaten black and blue by this book. Be glad you read it before you become a 'Belle-Mere.'"

To be retired from active service at 50, when you are still a young woman at the height of your powers, is not an enviable position to be in. Mothers should begin early to learn how to be successful grandmothers and mothers-in-law. There are many successful and beloved women in both categories.

What is the secret of their success?

In the first place they accept the fact they are emeritus and retired from their jobs on a pension of love and respect. They realize the only advice acceptable to anyone is that which is solicited, and which usually is something the other person already thinks himself.

They make all their advice construc-

grandfather game better than women. Men in middle age usually are both amazed and reluctant to admit they could possibly be old enough to be grandfathers. They assume the roles of pals or onlookers and do not interfere with discipline.

There are exceptions, of course. One old martinet was giving advice constantly to his good-natured and admiring daughter-in-law. One day he roared, "If you believe in using such fool methods with your boys, don't come to me for advice when they get in trouble!"

"I won't, father Adams," retorted his daughter-in-law. "I've been living with your mistakes for 20 years." Laughter and a sense of humor are great oilers of human relationships.

If financial conditions force her children and grandchildren to live with her, or if she is used frequently as an unpaid baby-sitter, a grandmother's role becomes difficult. If the mother works, or goes on a long trip, then grandmother becomes mother-pro-tem, and matters of diet and discipline are in her hands.

It is a good and safe rule for all relatives to put up a friendly wall behind which to ripen their judgments and criticisms of young relatives. If young people want the fruit of their wisdom, they can best glean it from the example of the older generation.

Silence in regard to other people's children always is golden unless what we say is wise, kind, loving, just, constructive . . . and unsolicited.

## Entertained at State Meeting



MUSICAL SKIT: Belles of the Gay Nineties, left to right, Janie Hensley, Sue Dean, Barbara Benfield of the Waterville Chapter of Future Homemakers of America. Picture by Phil Brent, Topeka.



LLOYD BURLINGHAM'S

## SKELGAS FARM REPORTER

## Farm Pluses

Sometimes a city man gives us a new angle on country living. My neighbor's a sidewalk farmer—works downtown and comes out here each evening. Has four small boys and agrees he bought his farm to afford his quartet the advantages of growing up on the soil. He could give you a selling on that.

Lately he bought four pigs for these sons of his. Quite ordinary young porkers, they seemed to me. But not to my neighbor. To him they are a lot more than prospective fillers for his freezer. From these pigs this city farmer expects many more dividends than pork.

Caring for their charges, his boys will gain an interest in live things; come to understand responsibility and the need to do things on schedule. And, keeping records of feed costs, of gains and of the selling price of two of the four, will receive a very practical lesson in economics. Very much more than pork, these pigs. Just so, farm life, altogether, is a lot more than field crops and price ceilings. It has a world of pluses.

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Route 2, Leavenworth, Kansas



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• Use nail polish to paint design on wood to be decorated, or to put initials on tool handles. Let polish dry. Light with match. Burning will do inscribing.

• To skin a tomato quickly, hold tomato on a fork over a gas flame.

• Put an apple in your cake box. Helps keep cake from drying out.

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## SKELGAS Families' Favorite Recipes

## HAMBURGER-POTATO CASSEROLE

1 pound hamburger 5 medium potatoes  
1 can cream of chicken 1 medium onion  
soup Salt and pepper to  
1/4 teaspoon paprika taste

Lightly brown hamburger and onion in frying pan. Salt and pepper to taste. When browned, add cream of chicken soup and paprika. Pare and slice potatoes. Put layer in bottom of buttered casserole. Cover with a layer of meat and then another layer of potatoes. Pour enough milk over all until it shows around edges. Bake in a moderate oven (325° to 350°F.) until potatoes are done. Serve with a crisp salad for a complete meal.

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# Kansas Farm Home and Family

FLORENCE McKINNEY, Editor



SOMETHING new in sundaes, a tapioca dessert with a spicy cherry topping.

## Desserts

### New and Glamorous

LOOKING for a new dessert? Here they are, new, glamorous and a variety of them home tested to fit your family. There's something new in sundaes, creamy tapioca pudding, topped with colorful, spicy red cherry sauce. Use the package directions or the following instructions for the tapioca pudding.

#### Cherry Tapioca Sundae

- |                                    |   |
|------------------------------------|---|
| 1 egg white                        | 2 or 3 tablespoons sugar (beet or cane) |
| 2 tablespoons sugar (beet or cane) | $\frac{1}{8}$ teaspoon salt             |
| 1 egg yolk                         | 3 tablespoons quick tapioca             |
| 2 cups milk                        | $\frac{1}{2}$ teaspoon vanilla          |
- spicy cherry sauce.

Beat egg white until foamy, add sugar, 1 tablespoon at a time and continue beating with rotary egg beater until mixture will stand in very soft peaks. Set aside.

Mix egg yolk with small amount of milk in saucepan. Add 2 or 3 tablespoons sugar, salt, tapioca and remaining milk. Place over medium heat. Cook until mixture comes to a boil, stirring constantly, 5 to 8 minutes.

Pour small amount of hot mixture gradually on egg white and blend. Add remaining, stirring constantly. The hotter the tapioca and the faster it is blended, the thicker the pudding will be. Add vanilla. Cool, stirring once after 15 minutes. Serve in sherbet glasses with the following Spicy Cherry Sauce on top. Makes 4 to 5 servings.

#### Spicy Cherry Sauce

- |  |   |
|--|---|
| 2 tablespoons quick tapioca            | dash of salt                                    |
| $\frac{3}{4}$ cup sugar (beet or cane) | $1\frac{1}{4}$ cups cherry juice and water      |
| $\frac{1}{4}$ teaspoon cinnamon        | $1\frac{1}{2}$ cups drained canned red cherries |
| $\frac{1}{8}$ teaspoon cloves          |   |
| $\frac{1}{8}$ teaspoon nutmeg          |   |

Combine all ingredients except canned cherries and cook until mixture comes to a boil. Remove from heat. [Continued on Page 18]



A PRIZE prune pie, garnished with a bit of whipped cream and some whole prunes will become a family favorite.



TRY THIS  
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These light, tender rolls separate easily into bite-size pieces. They look fancy but are easily made.

BAKE at 400° F. for 15 to 20 minutes. MAKES 2 dozen rolls.

Dissolve 2 packages Active Dry Yeast (or 2 cakes of compressed yeast) in 1/4 cup warm water (110° to 115° F.). Combine 1 1/4 cups buttermilk, scalded in double boiler, 1/2 cup sugar, 1/2 cup soft butter, 2 teaspoons salt, 1/2 cup lukewarm water. Blend in the dissolved yeast. Sift together 4 1/2 cups sifted Pillsbury's Best Enriched Flour, 1/2 teaspoon soda; add milk mixture and mix until well blended. Place in greased bowl and cover. Let rise in warm place (85° to 90° F.) until double in bulk, about 1 hour. Roll out on

floured board to 1/4-inch thickness. Cut into strips 2 inches wide. Brush with melted butter. Stack five strips together and cut into 1-inch pieces. Place each stack in greased muffin cup, cut-side down. Brush with melted butter. Let rise in warm place until double in bulk, about 30 minutes. Bake in moderately hot oven (400° F.) 15 to 20 minutes. \*If you use Pillsbury's Best Enriched Self-Rising Flour, omit salt. \*\*If desired, dough may be refrigerated up to two days. \*\*\*If compressed yeast is used, dissolve in lukewarm water.



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(Signed) Mrs. Robert I. Smith



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**Kansas Libraries**



Some encouraging events have taken place since last we wrote about Kansas libraries. The legislature met and passed helpful legislation which we think offers possibilities for improvement of libraries. Read to see how your own library can benefit.

WE'RE for more libraries and better libraries, as we've said before in the home department. This year the Kansas legislature gave all of us interested in good reading, some encouragement by bringing up-to-date the old Kansas library laws.

Since about 1900, when the first library laws were passed, little had been done by the legislature to encourage library boards, librarians and readers. The 1951 legislature, backed by interested folks from over the state, passed Senate Bill No. 189, which recodified all old bills on the statute books. On March 29, Governor Edward F. Arn signed the bill which goes into effect July 1.

The name of Carnegie means libraries to a lot of Kansans, for early in the century, all prior to 1919, Andrew Carnegie, steel man and philanthropist, made grants to 56 communities in the state to build that many libraries. To this day, these buildings are on the whole considered adequate; they were built to last. But the Carnegie grants did not provide for maintenance, instead gave impetus to the whole library movement. Since the period of the Carnegie grants, there has been a steady increase in funds and interest in libraries.

Under the provisions of the first library law in Kansas, the town of Russell established a tax-supported library, one of the first, if not the first of its kind in the state. Judge J. C. Ruppenthal was named secretary of the first library board and has served on it ever since. His interest has never ceased. This year he was nominated by the Kansas Library Association, the Traveling Library Commission and State Library, for the American Library Association Trustee's Citation. Judge Ruppenthal was present this year and gave his support for passage of library bills during the legislative session.

So much for history. The old laws were outdated and confusing to those at the grassroots. Now they have been brought up-to-date and libraries can provide more money for services to the public. No money was provided by the legislature, but the new law does provide for increased tax levies.

For the benefit of small libraries, the bill provides that any tax-supported library can make a contract with another library to provide services such as books, personnel or even a bookmobile. Such a contract would of course call for a stipulated payment for the services.

It also provides for regional libraries, which means that 2 or more counties can combine for one library under one library board to provide services for everyone in all the counties. That will be particularly advantageous in thinly settled counties.

Another new provision and one that has approval of library folks is that a board member may be appointed for only 2 years at a time. The appointment ends at that time, but after a lapse of 2 years, may be reappointed. This provision allows for the return of those most interested in the job, but prohibits the retainment of the same people in continuous service.

One of the greatest needs of the small library is expert advice from trained librarians. And now that help is forthcoming. With some unused funds provided for the now-completed library survey, the small library is in for some improvement... that is, if it wants it. Consultant service is what it is called... in other words a trained librarian from the State Traveling Library will be available to any library in the state whether it is club- or association-supported or tax-supported.

These are some of the things the consultant can do. She can weed out books. This is a process of going thru book collections and discarding those outmoded or worn. It means cataloging books and setting up card files. She may give advice on what books to buy and how to buy. Arrangement of books and reading facilities also may be considered. She may meet with the board or committee members.

These are the services the library consultant has to offer and she will stretch the funds on hand as far as they will go.

**Desserts New and Glamorous**

(Continued from Page 17)

Add the cherries. Cool. Serve on top the Cherry Tapioca Sundae. Makes 2 1/2 cups sauce.

**Prize Prune Pie**

2 3/4 cups cooked prunes	1/2 cup liquid from prunes
1 egg	1/2 cup brown sugar
1/4 cup sugar (beet or cane)	1/4 cup flour
1/4 teaspoon salt	1/2 teaspoon cinnamon
1 tablespoon lemon juice	3 tablespoons butter

Pit the cooked prunes and arrange in pastry-lined pie pan. Beat egg and blend in sugar, salt, lemon juice and prune liquid. Pour over prunes. Blend brown sugar, flour, spice and butter until crumbly and sprinkle over fruit mixture. Bake 10 minutes in very hot oven (450°). Reduce temperature to moderate (350°) and bake 20 to 30 minutes longer, until set in center. Serves 6 to 8.

**Lemon Delight**

2 eggs, separated	1 tablespoon grated lemon rind
1 can sweetened condensed milk	1/4 teaspoon cream of tartar
1/2 cup lemon juice	

Beat egg yolks lightly, add condensed

milk, lemon juice and rind. Beat egg whites and cream of tartar until stiff but not dry. Fold whites into yolk mixture and pour into 9-inch pie pan that has been lined with the following Graham Cracker Crust. Bake in moderate oven (350°) for about 25 minutes.

**Graham Cracker Crust**

1 cup crushed graham cracker crumbs	1/4 cup soft butter
	2 tablespoons sugar

Combine thoroughly. Use for crust and sprinkle 1/2 cup of crumbs on top the Lemon Delight.

**Correct Rules**

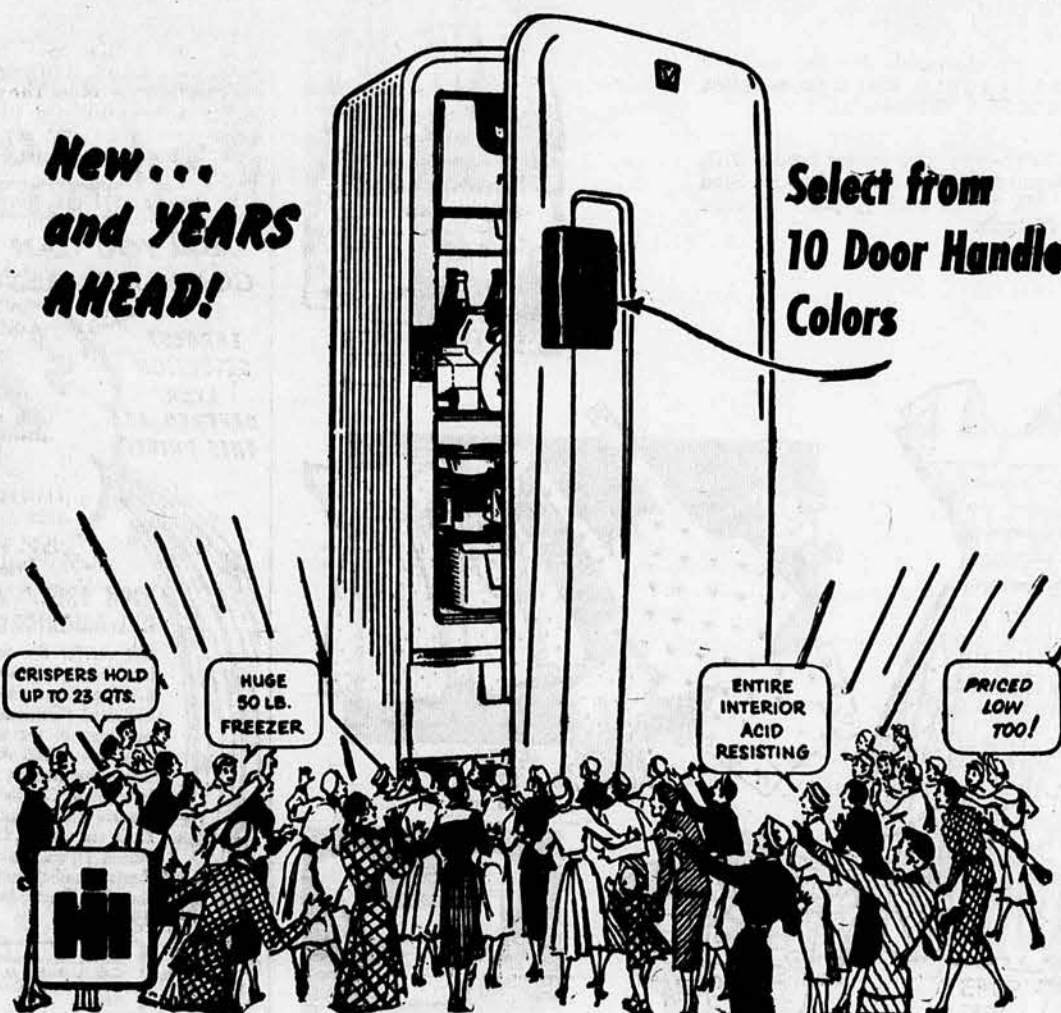
Are you embarrassed sometimes when you find it necessary to introduce one person to another? Our Leaflet, "How to Make Introductions," outlines a few simple rules on how to introduce people, and how to make friendly responses. For a copy of the leaflet, please write to Home Service Editor, Kansas Farmer, Topeka, and enclose 3c.



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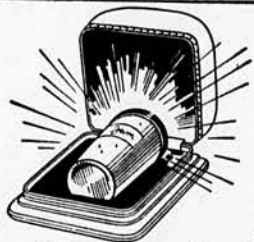


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## Notes from the BEET SUGAR KITCHEN

by Nancy Haven



*Jam Gems for June*

### APRICOT-STRAWBERRY JAM

2 lbs. apricots (about 24 medium-sized)  
2½ baskets strawberries (about 1½ lbs.)  
6 cups Beet Sugar  
½ teaspoon almond extract

Wash, halve and pit unpeeled apricots; put through food chopper using coarse knife. Measure 6 cups. Wash, drain and hull strawberries; cut in half lengthwise. Measure 3½ cups. Blend measured fruits and Beet Sugar together in large preserving kettle. Place on heat and bring to a rolling boil. Turn heat down and boil slowly about 15 min. or until two thick, heavy drops run together off clean metal spoon (219° F.), stirring often. Remove from heat; skim; stir in flavoring. Pour into hot, sterilized jars; seal at once. Makes 4 pints.

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Called the most helpful booklet of its kind—"Answers By The Canning Doctor" will take the puzzles out of home-canning and freezing for you, too. Send for your free copy today!

### STRAWBERRY PRESERVES

Combine 4 cups Beet Sugar and ½ cup water in large saucepan. Bring slowly to a boil, stirring constantly. Add 4 cups washed and stemmed whole strawberries; stir slightly. Boil rapidly 4 minutes. Skim. Pour into shallow bowl or platter to allow thickening and prevent separation of fruit. Let stand about 24 hours, stirring occasionally. When preserves are as thick as desired, pour into hot, sterilized fruit jars or jelly glasses. Seal or paraffin at once. Makes about 2 pints or four 8-oz. glasses.

### SIZING UP THE APRICOT:

1 lb. equals 12 medium-size apricots; or 2½ cups, pitted and quartered; or 1 pint of halves when canned.

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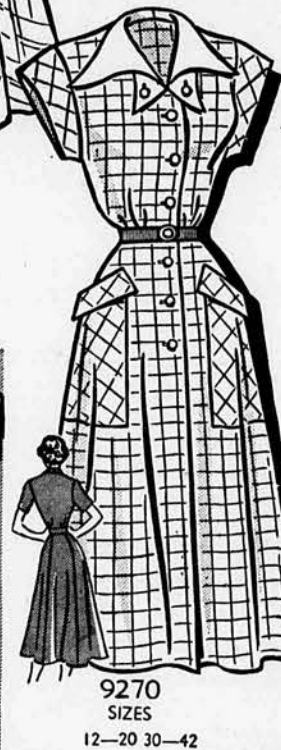
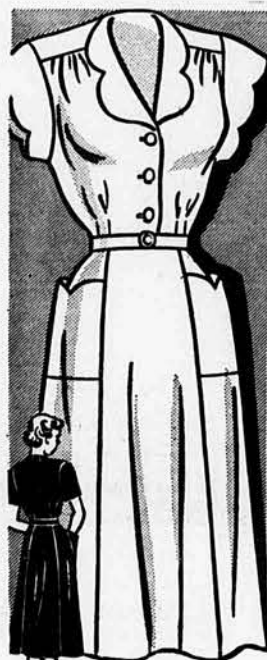
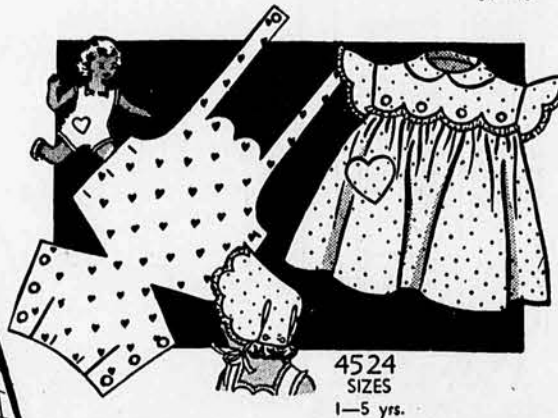
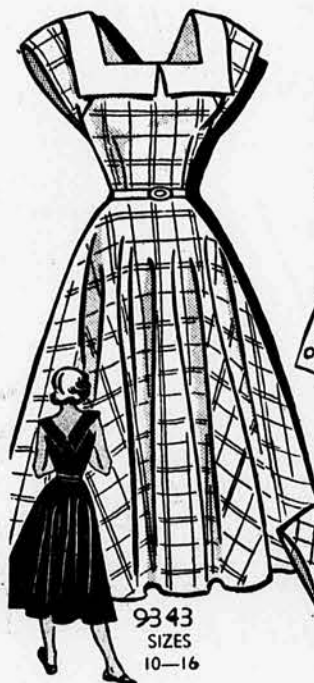


## Summer Pattern Parade

9173—Slenderizing dress with jacket for more cover-up. Sizes 34 to 48. Size 36 sundress, 4 yards; jacket, 2½ yards of 35-inch material.

4524—Complete outfit for the smaller set. Sizes 1 to 5 years. Size 2 dress takes 1½ yards of 35-inch material.

9343—Teen-age sew-easy frock with deep-collared neckline. Sizes 10 to 16. Size 12 takes 4½ yards and ½ yard of contrasting 35-inch.



9032—Designed for those who wear sizes 34 and over. Sizes 34 to 52. Size 36 takes 4½ yards of 35-inch material.

9270—Step-in casual. Sizes 12 to 20 and 30 to 42. Size 16 takes 4½ yards and ½ yard contrasting 35-inch fabric.

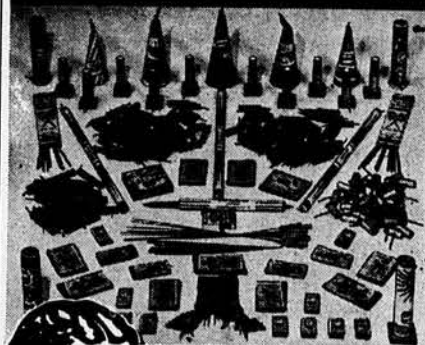
4539—Perfect 3-piecer. Sizes 12 to 20. Size 16 bra-top and skirt take 4½ yards; shorts, 1½ yards of 35-inch material.

Pattern Numbers	Size	Name
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Kansas Farmer for June 2, 1951

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## Hereford Congress

(Continued from Page 1)



THESE MEN help guide the activities of the Kansas Hereford Association. They are, left to right: Taylor Jones, Garden City, vice-president; Gene Watson, Hutchinson, secretary-manager, and Thomas R. Taylor, Great Bend, president. Will Condell, El Dorado, treasurer, was not present when the picture was taken.

Tom Taylor, Great Bend, president of the Kansas Hereford Association.

Dr. A. D. Weber, associate dean of the school of agriculture, Kansas State College, Manhattan, will give the keynote address at the opening session. The official Congress banquet will be held at Memorial Hall, in Salina, on Tuesday evening, following a full day of discussions at the Agricultural Hall on the fairgrounds. Second-day sessions will be held in the Memorial Hall.

Panel discussions during the program will cover production, processing and merchandising. Moderators for the panels include D. L. Mackintosh, Kansas State College, on meats; Paul Gerlaugh, of Ohio Experiment Station, on commercial cattle; Dr. A. E. Darlow, of Oklahoma A. & M. College, on purebred Herefords.

### To Discuss Carcass Quality

Featuring the meats panel will be a carcass demonstration in charge of R. G. Plager, general manager of the agricultural service department of John Morrell & Co., of Ottumwa, Ia. The carcasses will be discussed for conformation, finish, dressing per cent, quality factors and production factors.

Members of the carcass panel will include Louis Rochford, manager of Tejon Ranch Co., Bakersfield, Calif.; Dr. Gladys Vail, Kansas State College Home Economist; Walter Cummings, Freedom, Okla., national president of the Future Farmers of America; a meats buyer for a chain store, a meats buyer for a hotel, and others.

Subjects to be covered in the panel discussion on commercial cattle will be the cow herd and bulls to use, calf crop, what the feeder wants, what the steer grazer wants, marketing, and the purebred breeder's responsibility to commercial cattlemen.

Members of this panel will include Earl Monahan, of Hyannis, Nebr.; Albert Mitchell, of Albert, N. M.; a cattle feeder from the Midwest, an expert on grasses, and an authority on marketing.

In the discussion on purebred Herefords, the goals for breeders will be discussed by D. Burns, manager of the Pitchfork Ranches, Guthrie, Tex. The means of attaining those goals will be discussed by Dr. E. L. Scott, Phoenix, Ariz., president of the American Hereford Association; Jack Turner, secretary of the American Hereford Association, Kansas City; Larry Miller, of Painter Hereford Ranches, Denver; Bill Roberts, manager of Flat Top Ranch, Dallas, Tex.; Bob Lazear, manager of Wyoming Hereford Ranch, Cheyenne; Don Ornduff, editor of the Hereford Journal, Kansas City; Dr. Marvel Baker, University of Nebraska College of Agriculture. Registration problems will be discussed by Bruce Taylor, American Hereford Association staff, Kansas City.

### Busy Getting Ready

Gene Watson, secretary-manager of the Kansas Hereford Association, will be in general charge of the Congress. Directors planning the session are: Joe Campbell, Rossville; Allen Engler, Topeka; John Brink, LeRoy; W. G. Robinson, Ft. Scott; Kenneth Waite, Winfield; Mrs. L. C. Hays, Cedar Vale; J. J. Moxley, Council Grove; H. M. Hauser, Marion; Don Shaffer, Hutchinson; Darrell Sutor, Zurich; Elmer Johnson, Smolan; Carl R. Smith, Jetmore; Dr. E. J. Keller, St. Francis; E. D. Mustoe, Rexford.

Officials of the American Hereford Association say that if you were to pinpoint the Heart of Hereforddom on a

(Continued on Page 22)



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And yet the average cost, including tax, of each local telephone call—the big, important calls and the usual everyday variety—is about 2½¢.

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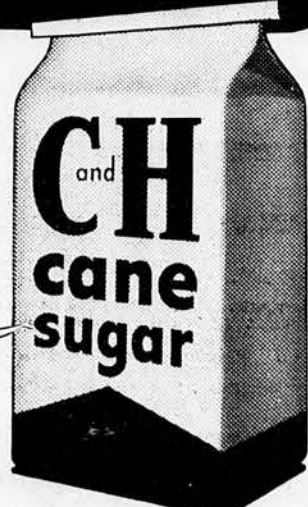


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HEREFORD BREEDERS win top awards in the 1950 Beef Production Contest. Shown as they received their awards on Feeders Day, left to right, front row: Dan Casement, Manhattan; Tom Taylor, Great Bend, president of the Kansas Hereford Association; Ralph DeWall, Coldwater; Walter Atzenweiler, Kansas City Chamber of Commerce; Oscar Bailey, Mullinville. Back row: Marcus Ferree, Yates Center; Arthur A. Fry, Little River; L. E. Crawford, Detroit; Wesley Sylvester, Milford, and George McCallum, Elmdale.

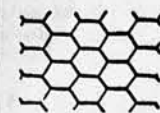
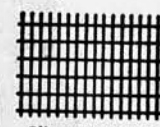


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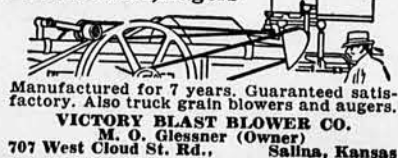


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HARD-SURFACED CONVERSION RASP BARS  
Thresh clean and fast. Will outwear and outperform all others.  
SEND FOR CATALOG  
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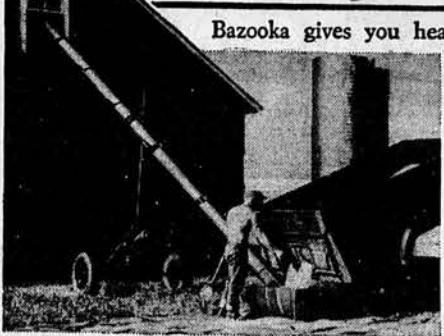
**Success in windrow harvesting depends on careful handling!**  
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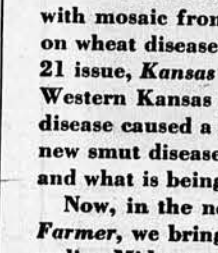
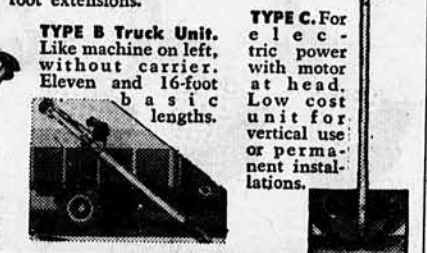
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DEPT. C-37 SALINA, KANSAS

## Hereford Congress

(Continued from Page 21)

map of the United States, you would settle on a point near the Kansas-Nebraska line, with apology to Texas. While Texas is the largest Hereford-producing state, the Kansas-Nebraska area and their neighboring states comprise the most concentrated Hereford area per acre in the world. Kansas ranked 2nd last year among states issued purebred recordings by the American Hereford Association. Hereford breeders in Kansas recorded 29,951 purebred calves during the last fiscal year, an increase of 4,481.

Thomas R. Taylor, Great Bend, president of the Kansas Hereford Association, says that "within the boundaries of Kansas are some of the outstanding Hereford herds of the United States—both horned and polled—and many of the breed's top animals graze contentedly on the abundant natural grasses. "Kansas always has produced good Hereford cattle," says President Taylor, "but the real progress the last 2 years has been in the great improvement of the average quality of Kansas Herefords."

A comparison of sales records of 3 years ago with those of today verifies Mr. Taylor's statement. The 2 state Hereford sales during the sale season of the fall of 1948 and spring of 1949 saw 105 head of Kansas Herefords go thru the ring at an average price of \$539. In those 2 sales the following season of 1949-50, 274 head averaged \$654. In November, 1950, and February, 1951, 294 Kansas white faces were auctioned in 2 state association sales at an average of \$909.

The Sunflower Hereford Futurity last November 15, the state's "Show-window Hereford sale," sent 61 cattle to new homes at an average price of

\$1,699. This has been the top state Hereford association sale in the United States the past 2 years, and ranked 14th among all Hereford auctions for 1950. "The majority of those 61 head of cattle that set the record," says Mr. Taylor, "came from relatively small, high-quality Kansas herds. Kansas Hereford Association activities," he says, "have improved and expanded the market for quality seed stock."

One of the great influences in the trend toward improved quality has, of course, been the demand of commercial cattlemen for high-quality bulls, Mr. Taylor explains. "Kansas breeders proved they were aware of this demand when they sold 233 bulls for an average of \$703 in last February's Dodge City Range Bull Sale," he points out.

Much of the credit for the vast improvement in quality of Kansas Herefords and greatly increased interest in Herefords can, in Mr. Taylor's opinion, be given to the Kansas Hereford Association, and specifically to its secretary-manager, Gene Watson, of Hutchinson. "Two years ago," says Mr. Taylor, "the association had about 50 members. Today there are more than 250, altho dues have been raised considerably. Much of this progress has been accomplished by Gene Watson and a board of 16 directors."

"Also," adds Mr. Taylor, "the influence of the Sunflower Futurity has been widely felt. Not in years has the outlook for the Hereford breeding industry in Kansas been so bright. More and more, out-of-state breeders are looking to Kansas for herd-improving cattle and, having bought once, are coming back again. Everything considered, the Hereford industry in Kansas is, indeed, resting on a sound foundation."

## Kansas Dairy Cattle Share Royal Honors

**K**ANSAS dairy cattle breeders won their share of top honors in all breeds at the American Royal Dairy Cattle Show, held at Kansas City May 7-11.

Top Kansas winners, by breeds, were as follows:

### Guernsey

Reserve champion female, Wm. H. Odgers, Salina, on Kings Ruby.  
Senior and grand champion bull, Clarence Raymond, Fredonia, on Glencliff Baron.

### Holstein

Championship district herd, Kansas South Central District.  
Reserve junior champion bull, Raymond Gatewood, Stark, on Mercedes Wioak King.  
Reserve senior and reserve grand champion bull, C. H. Langdon, Edgerton, on Design Pontiac Claude.  
Senior and grand champion female, J. W. Carlin, Salina, on Villisca Perfection Judy.  
Best state herd, Kansas 1st.

### Jersey

Junior champion female, John Weir, Jr., Geuda Springs, on Standard Design Bobette.  
Junior champion bull, Hallmark Farm, Kansas City, on Hallmark Designamo.  
Reserve senior and reserve grand champion bull, Hallmark Farm, Kansas City, on Highfield Prudent.  
Reserve senior champion and reserve grand champion female, John Weir, Jr., Geuda Springs, on Stylish Noble Bonny.

### Milking Shorthorn

Championship district herd, Kansas South Central District.  
Junior champion female, John B. Gage, Eudora, on Duallyn Lady Juniper; reserve junior champion, W. L. Bennett & Sons, Sterling, on Wyncrest Vera.  
Reserve junior champion bull, John B. Gage, Eudora, on Blue Jacket Romeo.  
Senior and grand champion bull, Jesse J. Jackson, Augusta, on Retnuh White Royal; reserve senior champion, Harry H. Reeves, Hutchinson, on Loshir Noble Man.  
State herds, Kansas, 1st.

### Brown Swiss

Reserve junior champion female, Earl Webber, Arlington, on Prairie View Marinda Ann.  
Junior and reserve grand champion bull, G. D. Sluss, El Dorado, on El Dorado Len; reserve junior champion bull, Earl Webber, Arlington, on Prairie View Mab's Priority.  
Reserve senior champion bull, G. D. Sluss, El Dorado, on El Dorado Rusty.  
Reserve senior and reserve grand champion female, Earl Webber, Arlington, on Indian Creek Joy.

## Coming, June 16...

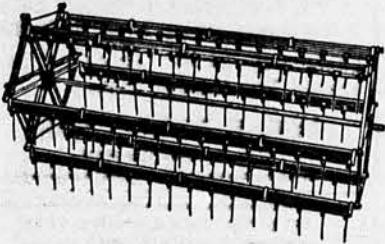
Wheat breeders and farmers are concerned about several damaging wheat diseases causing millions of dollars worth of loss each year. Mosaic has caused trouble for years, and Kansas State College is receiving many plants with mosaic from western areas of the state. In our first article of a series on wheat diseases by Extension plant pathologist Claude King, in the April 21 issue, *Kansas Farmer* reported mosaic caused a 30-million-dollar loss in Western Kansas in 1949. Second article, on take-all footrot, reported that disease caused a 2-million-dollar loss in 1950. Then, in a third article, on a new smut disease, *Kansas Farmer* reported again what losses are occurring and what is being done about the problems arising.

Now, in the next and final article in the series in the June 16 *Kansas Farmer*, we bring you up-to-date on the new 15-B rust disease which is invading Midwest areas. Don't miss it for new facts and new controls.



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**REDUCES SHATTERING, CLOGGING!**

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See your dealer or write us for folder!

**Miller Chemical Co.**  
INCORPORATED

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**CHEMICALS FOR THE FARM**

**Buy U. S. SAVINGS BONDS**

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**Patented Horseshoe Latch Quick Coupler**

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End drought threat, and insure ample rainfall for the growing season by installing an **ATLAS PORTABLE SPRINKLER IRRIGATION SYSTEM** designed by experienced irrigation engineers. Write for free catalog today.

**ATLAS SUPPLY DIVISION**

JONES & LAUGHLIN SUPPLY CO.  
407 North Main St., Muskogee, Okla.

## Better Health

(Continued from Page 4)

learning how to improve the repertoire of social recreation features in the community programs at home.

Official delegates to the state health camp—one boy and one girl from each county—usually head up the health committee in their own clubs and sometimes on the county 4-H council. They spearhead the work on health projects their clubs or councils will promote during the club year. Delegates to the state camp are chosen on the basis of their interest in the health activity and their demonstrated leadership ability. The health camp is one of the 3 state camps held at Rock Springs Ranch each summer for older boys and girls. The other 2 are state junior leadership camp and state conservation camp.

Young people at the health camp will be divided into groups, with specific assignments for each group on the program. Each group also will select 2 counselors who will work with the adult faculty in making decisions about the camp program.

Ronald Ebberts, Eureka, who was state winner in health activity last year, and also a national winner, is planning to return to camp this year as a member of the Continuation Committee. He will be available to consult with delegates on health project problems.

### Every County Eligible

No health winners are chosen at the state camp. Health activity awards are decided in October from records and reports sent from each county. On the first of October any county in Kansas can submit the best club and individual report to the state office for special consideration. The club award is an all-expense trip to the American Royal, at Kansas City, for 10 members of the club, 2 leaders, and one extension agent. This award is based on the quality, quantity, and importance of health activities carried on in the community to make that community more health-conscious and to make it a better place in which to live, so far as mental and physical health is concerned.

One outstanding club member also is chosen to represent the state at the National Club Congress each fall. This boy or girl usually is selected on the basis of having been chairman of a health committee or a member of the committee of a club or of the county council which has carried out a number of well-planned activities.

### Folger Scholarships

Money for scholarships, one to a boy and one to a girl from each county, is given by the Folger Coffee Co., of Kansas City. This money is used to pay expenses of delegates to state camp.

Every health camp is not the same. "Each year," says Miss Border, "different phases of health are stressed at the camp, and all specialists participating on the program present to the young people possible solutions to common health problems in the community."

So, you see, the 4-H Club health program is a big program and one that is well-organized for best results. Your community will receive benefits in the future from the activities and studies being conducted.

### KSC Agronomist Honored by Army

Elmer G. Heyne, of the Kansas State College agronomy department and the U. S. Department of Agriculture, has been honored for his work in Japan as a visiting agricultural consultant. Lt. Col. Hubert G. Schench, chief of the U. S. Army's natural resources section, presented Mr. Heyne with a certificate of achievement for "faithful and efficient service."

### Tackle Tips and Hints

If you haven't received your copy of the new booklet, "Fishing—What Tackle and When," there is still time to order it. Gives various methods of fishing, besides rules and regulations of the game, "Skish," and a lot of other information dear to the heart of any fisherman. A copy of the booklet will be sent free upon request to Farm Service Editor, Kansas Farmer, Topeka.

# CUT YOUR OWN BOLTS FROM REDI-BOLT THREADED STEEL RODS



**QUICKER**  
**NEW** THREADED ROD SAVES TIME AND MONEY in repairing Farm Machinery, Silos, Grain Boxes, Hay Racks, etc.

Here is a completely new repair and construction material for the farm—high strength steel rods, threaded the full length. REDI-BOLT has hundreds of uses on the farm and in the home, for repairs on tractors, farm machinery, self-feeders, feed bunks, windmills, conveyors, stanchions, litter carriers, silos, manure loaders, ladders, doors, furniture, etc. Being cold-drawn steel, it is 20% stronger than ordinary steel. The precision-cut threads fit standard nuts. A new blue lacquer finish guards it from rust until used.



U-BOLTS



L-BOLTS



EYE-BOLTS



LONG STRAIGHT BOLTS

**SIMPLY HEAT AND BEND**

There's no need to leave your field work to go to town for a special bolt or rod. Keep a stock of Redi-Bolt threaded steel rods on hand. When a breakdown occurs, simply fit nuts to the end and saw to required length. For U-bolts, L-bolts, or Eye-bolts—just heat and bend.



LOOK for this DISPLAY

at your Hardware and Farm Implement Dealers

OR, WRITE TO REDI-BOLT,

DEPT. KF, P. O. BOX 6102, CHICAGO 80, ILL.

# CHOLERA OUTBREAKS REPORTED

**ARE YOUR HOGS VACCINATED?**

If your hogs have not been vaccinated, it should be done without delay. Cholera strikes fast, kills fast. Vaccination is your ONLY protection. There is no cure.

**CONSULT YOUR VETERINARIAN**

Your veterinarian knows when and HOW to vaccinate for maximum protection. Call him NOW and be SURE.

This message sponsored by ASSOCIATED SERUM PRODUCERS, INC.



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## KANSAS FARMER Classified Advertising

### WORD RATE

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

### Livestock Ads Not Sold on a Per-Word Basis

DISPLAY RATE			
Column	Cost Per	Column	Cost Per
Inches	Issue	Inches	Issue
1/2	\$4.90	2	\$19.60
1	9.80	3	29.40
Minimum—1/2 inch.			

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

Kansas Farmer, Topeka, Kan.

### BABY CHICKS

## 4X SPECIAL SALE

Thousands weekly FOB 100% alive. As available, order direct today. Top quality, 4X hand-picked, Hi-grade.

**\$885** per 100 up  
Wh. Bar. Rocks, S. C. Orp.,  
Reds, N. Hamp. B. Orp.,  
Wh. Wyds., J. Wh. Gts.,  
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Leg.-Rocks, Hamp.-Whits.,  
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Whits., Wh. Min.

4x heavy cockerels, our  
choice \$8.85 per 100 up.  
Give 1st, 2nd, 3rd choice breeds. Order C.O.D.  
direct through Special Sale. Save.

**HI-GRADE 4X CHIX**  
DEPT. KF DEEPWATER, MO.



## BIG COLOR PHOTO CHICK CATALOG

Save up to 5c each on day-old and 4 weeks started chicks. All main breeds year around. Quick service. Colored catalog FREE. Write today. GREAT PLAINS HATCHERIES, Wichita, Kansas.

### STARTED PULLETS—DAY-OLD CHICKS

February, March and April hatched Pullets all from U. S. Approved Flocks. A postal card will bring you full information & bulletin. Write today.  
Mrs. Carrie I. Rupt's Poultry Farm  
Box 1504 Ottawa, Kansas

**Surplus Chick Bargains:** Choice AAAA and AAA White Rocks, White Wyandottes, New Hampshires, Barred Rocks, Reds, Anconas, Austrias, Whites, White Leghorns, \$7.95 per 100. Heavy pullets, \$13.90. Heavy cockerels, \$7.95. Broiler cockerels, \$2.25. Light pullets, \$17.95. Fast broilers, profitable layers. Up to 342-egg bloodlines. U. S. Approved. Pullorum Controlled. Also started chicks. Alive delivery. Order from ad. Give second choice \$1.00 deposit required. Fulton Hatchery, Box 6-E, Fulton, Mo.

**White, Barred Rocks, Hampshires, Reds, Wyandottes, \$9.95; pullets, \$12.95; cockerels, \$10.95.** White, Brown Leghorns, Austrias-Whites, Black, Buff, Minorcas, \$9.95; pullets, \$13.95. Heavy, \$8.95. Mixed, \$7.95. Leftovers, \$6.95. Fryers, \$5.95. Barnyard Special, \$4.95 up. FOB 100% alive. Catalog. Bush Hatchery, Clinton, Mo.

**White, Barred Rocks, Hampshires, Wyandottes, \$8.90; pullets, \$12.95; Fancy White, Brown Leghorns, Minorcas, Austrias-Whites, \$9.90; pullets, \$14.95. Heavy, \$8.95; Mixed, \$5.95. Assorted, \$4.95. Odds-ends, \$3.95 up. FOB 100% alive. Helpful folder. Clinton Chick Store, Clinton, Mo.**

**Large White, Brown Leghorns, Minorcas, Austrias-Whites, Rocks, Hampshires, \$8.95; pullets, \$13.95. Heavy, \$9.95. Table Special, \$4.95. Mixed Surplus Assorted, \$2.95; Fryers, \$1.95 up. 100% FOB. Hi-Grade Chicks, Springfield, Mo.**

**Big White Leghorns, Austrias-Whites, White, Barred Rocks, Hampshires, \$7.95; pullets, \$11.95. Heavy, \$6.95. Table Special, \$4.95. Mixed Surplus Assorted, \$2.95; Fryers, \$1.95 up. 100% FOB. Hi-Grade Chicks, Deepwater, Mo.**

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

### POULTRY—MISCELLANEOUS

**Peafowl, Swans, Pheasants, Guinea, Bantams, Ducks, Geese, thirty varieties Pigeons.** John Haas, Bettendorf, Ia.

**Pheasant Eggs, Ringneck and Mutant.** Also Ringneck cocks. Harold Gatlin, Louisburg, Kan.

### LIVESTOCK ITEMS

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

### DOGS

**Black Shepherd English Puppies.** Breeder for 30 years. 10c per picture and prices. H. W. Chestnut, Chanute, Kan.

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

**Wanted—Fox Terrier Puppies.** Box R, Stafford, Kan.

### RABBITS AND PIGEONS

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

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**Learn Auctioneering.** Taught by America's leading auctioneers. Actual selling experience. Term soon. Free information. Dept. 22, Missouri Auction School, 3429 Troost Avenue, Kansas City, Mo.

### WANTED TO BUY

**Wanted: Horse Hair, Tail and Mane.** Rabbit skins, wool, pelts, beeswax. Write for prices, shipping tags. Sturges Co., 2630 "N" St., Omaha, Nebr.

### PLANTS AND NURSERY STOCK

**Strawberry Plants—Certified Balkmore, Dunlap, Aroma, Klondike and Klondike, 100—\$1.00; 500—\$4.50; 1,000—\$8.50.** Giant Robinson and Premier, 100—\$1.25; 500—\$5.50; 1,000—\$9.50. Everbearing Strawberries—Large, thrifty plants, will bear this year. Mastodon Gem and Streamliner, 50—\$1.25; 100—\$2.25; 2-yr. bearing size, 10—\$2.25; 4.00. 12 Large Rhubarb, \$1.25. Asparagus, \$1. Special offer, 100 Dunlap and 50 Gem Everbearing, \$2. Everything postpaid. Other hardy mountain grown plants. Price list free. Ideal Fruit Farm, Stilwell, Okla.

**Vegetable Plants—Large, stalky, hand selected, roots mossed.** Tomatoes—Earlana, John Baer, Marglobe, Bonny Best, Rutgers, 200—75c; 300—\$1.00; 500—\$1.50; 1,000—\$2.25. Pepper—California Wonder, Chinese Giant, 100—30c; 300—\$1.00; 500—\$1.50; 1,000—\$2.50. Sweet Potato—Porto Rico, Nancy Hall, Red Velvet, 100—80c; 200—\$1.00; 500—\$2.00; 1,000—\$3.50. All postpaid. Satisfaction guaranteed. Culver Plant Farms, Mt. Pleasant, Tex.

**Strawberry Plants—Hardy northern grown, double inspected Dunlap, Beaver, Blakemore 200—\$2.00; 500—\$4.50; 1,000—\$8.50.** Premier, Giant Robinson, Bellmar 200—\$2.50; 500—\$5.75; 1,000—\$11.00. Giant Gem, Streamliner, Minnesota 1166 everbearing 100—\$2.25; 500—\$10.00. Fresh plants, prompt shipment. Everything postpaid. Iowa Nursery, Farmington, Iowa.

**Potato Plants—Portoricos, Redvelvets, Nancy-halls, Bunch Portoricos, 500—\$1.60; 1,000—\$3.00.** Postpaid. Satisfaction guaranteed. Bruce Rhodes, Malvern, Ark.

### KANSAS CERTIFIED SEED

**Certified Seed of U.S. 13, K1784, Wabash Soybeans, and Midland Milo.** Harold Staadt Seed Farm, Ottawa, Kan.

### MACHINERY AND PARTS

**V-Belt Drives for all IHC Self-Propelled combines: IHC 122, 22, Case Ag. A, B, C, H, K, M, P, Holt-Caterpillar 34, 36; John Deere 55, 17, 5, 5A; M-M Jr., G2, G3, G4; Cockshutt reel.** Write for free descriptive literature for your machine. Farrar Machine Shop, 111 Main, Norwich, Kan.

**WC Allis Chalmers Owners—Why hunt for gears?** Easy Shift will make shifting gears easy. Attached in few minutes. Satisfaction guaranteed or money refunded. Now \$4.95 postpaid. Easy Shift Mfg. Co., Fairfield, Nebr.

**Don't Be Ducked at the elevator—save the full feed value of your hay!** Write for testimonials acclaiming the success of Hesse Hay & Grain Dryer. Hesse Company, 1213 Dace, Sioux City, Iowa.

**For Sale—Used M Farmalls, 28x46 McDeering** thrasher with belts; used 15x30 8-ply tires and wheels for M to trade. Chas. Snodgrass, Wamego, Kan.

**For Sale: 1946 Studebaker Pick-up, 1 ton chassis** with 1/2 ton bed and 4 speed transmission. Call 4-6726 Topeka. Mrs. Sam Roller, Rt. 6, North Topeka, Kan.

**Parts for Sargent Loader and Sargent Wheel** Type Side Delivery Rake. Write for prices. Omaha Specialty Co., Box 854, Omaha 1, Nebr.

**We Sell Rain.** Flood gates, sprinkler systems. If it's irrigation equipment try us—we trade. Conrad's, Gaylord, Kan.

### FARM EQUIPMENT

## SILO SEAL

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**Very Low Cost Wire Winder.** Roll and unroll wire with tractor power and speed. Free literature. Midwest Wire Co., South St. Paul, Minn.

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**Outdoor Toilets, Cesspools, Septic Tanks cleaned,** deodorized with amazing new product. Just mix dry powder with water; pour into toilet. Safe, no poisons. Save digging, pumping costs. Postcard brings free details. Burson Laboratories, Dept. E-54, Chicago 22, Ill.

**Make Buttonholes the easy way!** Sewing-machine attachment also quilts, darns, overcasts seams, etc. Saves time. Extremely useful. Only \$1.00 postpaid. Order today! T. H. Young, Box 1001, Cedar Rapids, Ia.

**Fairmount Maternity Hospital—Seclusion and** delivery service for unmarried girls. Adoptions arranged; low rates; confidential. 1414 East 27th St., Kansas City, Missouri.

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

### FEATHERS WANTED

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

**Strout's Farm Catalog.** Green cover! Mailed free! 3084 bargains, 33 states. World's largest! Our 51st year. Buy now, beat inflation. Save thru Strout, 20 West 9th St., Kansas City 6, Mo.

### REMEDIES—TREATMENTS

**Free Book—Piles, Fistula, Colon-Stomach,** associated conditions. Latest methods. Thornton & Minor Hospital, Suite C606, Kansas City 3, Mo.

### FILMS AND PRINTS

## 3c Deckledge Reprints 3c

Reprints size as negative 3c and oversize prints 4c. 6- or 8-exposure roll developed and printed one each 25c or two each for 35c. Three 5x7 enlargements for 50c. Four 5x10 for \$1.00. Your favorite photo copied and 10 billfold pictures 65c.

**Summers Studio, Unionville, Mo.**

**Eight-exposure Roll** printed one of each 25c; two each 35c; one each Jumbo 35c. Star Photo, Denver, Colo.

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

### FOR THE TABLE

## HONEY 60-lb. Can \$10.50

12-lb. Can (Postpaid to 600 mi.) \$3.25

Nice, light, mild honey. Satisfaction guaranteed.

**HAHN APIARIES, 1715 Lane St., Topeka, Ks.**



## IN THE FIELD

MIKE WILSON

Topeka, Kansas  
Livestock Editor

The MID-KANSAS ABERDEEN-ANGUS ASSOCIATION held their annual meeting at the Wiley Tea Room in Hutchinson in mid-April, preceding their annual sale. Stanley Winchester was in charge. Officers elected for the coming year were Dick Patton, McPherson, president; Herschel Janssen, Lorraine, vice-president; and Phil Sterling, Canton, re-elected secretary. Lloyd Ericson, Marquette, was elected sales manager. The 1952 field day will be held at the Kenneth Knott farm near Hesston.

Word comes from the office of Gene Watson, secretary of the KANSAS HEREFORD BREEDERS' ASSOCIATION, Hutchinson, that all plans and the program are complete for the National Hereford Congress to be held in Salina, June 12 and 13. Speakers on the panel include such men as Dr. A. D. Weber, Dr. A. E. Darlow and D. L. MacIntosh. Everyone interested in the breeding and production of registered and commercial Herefords, by all means mark these 2 dates on the calendar and attend. See cover page story for full details.

**PIKES PEAK CATTLE GROWERS** have announced dates of 4 sales to be held this fall in the group's sales pavilion 3 miles east of Colorado Springs. Sales and dates are: Angus sale (registered bulls, registered and commercial females), September 19; 4-H Feeder sale, October 6; Stocker and feeder sale, all breeds, October 11; and Fall Hereford sale (registered bulls and females), October 26. For further information, write A. Groff Hooper, secretary, Pikes Peak Cattle Growers, 121 East Costilla St., Colorado Springs, Colo.

The RENO COUNTY SHORTHORN ASSOCIATION at their recent meeting at Partridge elected officers for the coming year. For president was Jack Morgan, Hutchinson; vice-president, L. L. Cantwell, Sterling; secretary-treasurer, Lester Love, Partridge. The show and sale committees also were elected at this time. L. L. Cantwell, W. A. Love, Partridge, and Glenn Flickenger, Abbeyville, will handle the annual show in connection with the Reno 4-H Fair and Farm Bureau meeting in August. John Reece, Trent Cantwell and Lester Love will have charge of the sale scheduled for next spring.

The registered Ayrshire herd of JOHN C. KEAS, Effingham, has recently completed its 5th year on the herd testing plan with an average of 8,752 pounds of milk of 3.9 per cent test and 342 pounds of butterfat. This record has been released from the national Ayrshire breeders office of Brandon, Vt. The herd of 9 milking cows is credited with 9,357 pounds of 4 per cent milk, on a mature equivalent twice-a-day basis. The highest butterfat-producing cow in the herd came thru with a record of 12,324 pounds of 3.4 per cent milk and 420 pounds of butterfat. Mr. Keas is owner of Locust Lea Farm, has been engaged in the breeding and improving of Ayrshire cattle for many years. He is an outstanding farm leader in the community, is also president of the Atchison County Fair.

### SAVINGS AND LOANS

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

### HELP WANTED

**Wanted as assistant herdsman** for purebred Jersey herd a man with experience with dairy cows. Prefer man and wife over forty or forty-five. Give references. Modern home. Starting salary \$200 per month. A Lewis Oswald, Rotherwood—Land of Oz, Hutchinson, Kan.

### FARMS—MISCELLANEOUS

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

### OF INTEREST TO ALL

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

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

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

**Write Newcomer's,** 46th-Paseo, Kansas City, Mo., for free booklet on Cremation.

June 16

## Will Be Our Next Issue

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

Friday, June 8

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

### INVESTMENTS

## THE COMMON STOCK

of Kansas' two largest and growing utility companies are providing investors approximately 7% and 6% income, and are tax exempt in Kansas.

Write **ESTES & COMPANY, Investments** Chamber of Commerce Building, Topeka, for information on **KANSAS POWER & LIGHT AND KANSAS GAS & ELECTRIC COMMON STOCK**

## SHEEP

## FIFTH ANNUAL PRODUCTION SALE

Monday, June 18

80 Hampshires and Suffolks  
Featuring "show" sheep of both breeds. For catalog write

WM. F. RENK & SONS

Sun Prairie, Wisconsin

## SEVENTH ANNUAL MIDWEST STUD RAM SHOW AND SALE

Swine Barns—State Fair Grounds

Sedalia, Missouri

SHOW JUNE 29

Sale June 30 at 9 A. M.

SELLING  
HAMPHIRES, SUFFOLKS, CORRIEDALES  
SHROPSHIRE AND OXFORDS  
There will be aged, yearling and ram lambs, yearling ewes and ewe lambs of these breeds. 45 consignors from many states will have sheep in this auction.

For catalog write to  
ROLLO E. SINGLETON, Sales Manager  
Department of Agriculture  
Jefferson City, Missouri  
Auctioneer—H. Earl Wright, Mt. Gilead, O.

## FOR SALE

Several thousand choice,  
smooth, Rambouillet-Corriedale  
YEARLING EWES

Bred to lamb in September. Wt.  
90 to 100 lbs. All were sheared  
April 1st or before.

WYCOFF BROS.

RUSSELL SPRING, KAN.—Phone 88

## HOGS

## SUPERIOR DUROCS

Excellent fall boars and gilts by Super Spot-light, Perfect Trend, King of Diamonds—a top son of Red Diamond. These are rich red, heavy hammed, thick with smoothness and well set legs. Also offer 4 spring boars. We can fill your Duroc needs. Come or write.

G. M. SHEPHERD, Lyons, Kan.

## JAYHAWK FARM DUROCS

The Home of State and  
National Winners

In this herd you will find  
the most of the best. Bred  
Fall Gilts and Spring Boars  
pigs for sale.

RALPH SCHULTE

LITTLE RIVER, KANSAS

## HAVEN HOLLOW FARM DUROCS

Featuring now daughters of Stylish Wonder bred to Fleet (by Fleetline) for September litters. Also Spring Boars. Best of bloodlines. Registered, immune and guaranteed. Write or see G. F. GERMANN & SON, Manhattan, Kansas

## OUTSTANDING

## DUROC FALL BOARS

Sired by The 49'er, Nebraska champion boar. Others by Royal Fleetline 1st, by Fleetline, the \$2,700 Iowa junior champion boar. Registered. Guaranteed ideal color, type and conformation. B. N. HOOK & SON, Silver Lake, Kansas

## ETHYLEDALE FARM PRODUCTION HAMPSHIRE

Improved for type and bigger  
litters. Best of breeding.  
Choice spring boars and  
spring gilts ready to go.

DALE SCHEEL

Emporia, Kan., Rt. 2

## Dual-Purpose CATTLE

**MILKING SHORTHORN BULLS**  
2 Registered Bulls for sale. Roan 1 year old (horned) bull 8 months old (polled) red bull. Strong R.M. pedigrees.  
D. S. THOMAS, Rt. 1, Garnett, Kan.

## AUCTIONEERS



## HAROLD TONN

Auctioneer and  
Complete  
Sales Service

Write, phone or wire  
Haven, Kansas

## Livestock Advertising Rates

Effective February 1, 1951

1/2 Column inch (5 lines) ... \$3.50 per issue  
1 Column inch ... \$9.80 per issue  
The ad costing \$3.50 is the smallest accepted.

Publication dates are on the first and third Saturdays of each month. Copy for livestock advertising must be received on Friday, eight days before.

MIKE WILSON, Livestock Editor  
912 Kansas Avenue  
Kansas Farmer - Topeka, Kansas



## Beef CATTLE



### Offering 20 Polled Hereford Bulls

**Sired by  
Polled Sons of C. K. Cadet**  
Intensely Polled bloodlines from 40 years of constructive breeding. Exceptional quality—well developed. 12 months old.

**GOERNANDT BROS.**  
Ames, (near Concordia) Kansas

### REG. HEREFORD BULLS For Sale

One 2-year-old Bull, extra good, well bred. We have some calves on the ground now by him. Also calves 14 to 18 months old. Good individuals, good pedigrees. They are sired by Mixer Domino and out of cows of Real Prince Domino breeding. This is the same breeding that produced the top-selling bull in the 1950 Lincoln County Hereford Sale.



Visit the farm 1 mile north and 1/2 mile west of  
**Ash Grove, Kansas**  
**JAMES F. WRIGHT, Hunter, Kan.**

### POLLED HEREFORDS

Our Polled Herefords from both ranches are well known throughout the Flint Hills of Kansas. We are a member of the Flint Hills Hereford Association. Our main ranch is located near Topeka, Kan., while our Mulvane Ranch is at Rossville, Kan., with Francis Davis, foreman. Sires in service are: MF Model Real, Pawnee Domino 22nd, Beau Perfect 24th and Prince Plato. Address all correspondence to

**ALLEN ENGLER & SONS**  
Rt. 1, 5 miles south and 1 mile west of  
**TOPEKA, KANSAS**

### COFFEY'S BRED REG. SHORTHORNS

For Sale—Bulls. 21 months roan bull Supreme Banner 57th. Also 3 red younger bulls. Females—20 foundation Heifers, open.

**J. E. COFFEY, Axtell, Kansas**

### 2 ANGUS BULLS REGISTERED YEARLINGS

Grandsons of 487th. Dams are Irenemere and Queen Marshall breeding. Not highly fitted. Phone Wamego, Kan., 1416

**Dennis McCarty, Wabaunsee, Kan.**  
Write, Rt. 3, Manhattan, Kan.

### POLLED SHORTHORNS For Sale

Yearling Bulls, dark red, best of breeding.  
**H. G. ESHELMAN, Sedgwick, Kansas**

## Dairy CATTLE



### REGISTERED WISCONSIN HOLSTEIN CALVES

Exceptional offering of choice registered Wisconsin Holstein Calves. Available in large quantities. Also some Guernsey and Brown Swiss. Vaccinated against shipping fever. Health sheet furnished. Well started—no milk required. Visitors welcome. Write on telephone

**J. M. McFARLAND & SONS**  
WATERTOWN WISCONSIN

### 2 REG. HOLSTEIN BULL CALVES

March 4, 1951, calf from a 7-year-old dam testing in 280 days on 2x, 12,853 M, 513.6 F with 4% test. Sire—Thonyma Rag Apple Remus.  
January 14, 1951, calf from a 2-year-old and 4-months-old dam, record 126 days on 2x, 5,619 M, 226.4 F with 3.95% test.  
Sire—Stonemart Priburke Prince.  
For more information call or write  
**DOUBLE "R" DAIRY, Newton, Kansas**  
Phone Goessel 47-33

**REGISTERED HOLSTEIN BULLS**  
For Sale: From calves to serviceable age, sired by a son of gold medal "Sir Bess Tidy" and out of high-producing dams.  
**A. E. Funk & Sons, Hillsboro, Kansas**

### 100 HEAD BANBURY'S POLLED SHORTHORNS

Established in 1907  
Herd sire: Cherry Hill Hallmark. Bred by Oakwood Farm, 3rd in Get of Sire, at the Kansas State Fair in 1950.

Princess Coronita—Champion female at the Kansas State Sale, sired by Red Coronet 2nd. Herd sire bred by Theimans. Males and females (some of the best) for sale, calfhood vaccinated. Also 2 top herd sires, 9 miles southwest of Hutchinson, then 14 miles west on Jacktop Road.

**J. C. BANBURY & SONS, Plevna, Kansas**

### Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$38.90	\$37.50	\$32.50
Hogs	21.25	21.25	20.35
Lambs	36.50	33.00	30.00
Hens, 4 to 5 lbs.	.33	.33	.18
Eggs, Standards	.42 1/2	.45 1/2	.28
Butterfat, No. 1	.75	.62	.53
Wheat, No. 2, Hard	2.41	2.46	2.27 1/2
Corn, No. 2, Yellow	1.73 1/4	1.79 1/4	1.53
Oats, No. 2, White	.99 1/4	1.01	.96 1/2
Barley, No. 2	1.48	1.49	1.23
Alfalfa, No. 1	38.00	38.00	24.00
Prairie, No. 1	19.50	19.50	00.00



CHERRY HILL HALLMARK

## EAST CENTRAL KANSAS

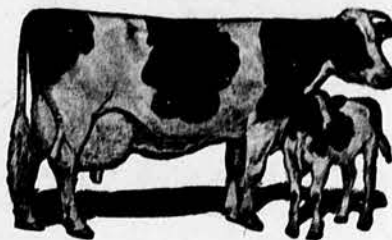
# Holstein Breeders' Assn. Sale

Fairgrounds at

**Tonganoxie, Kan., June 20, 1951**

11:00 A. M.

(25 miles west of Kansas City on U. S. Highway 40 and 24)



**75 HEAD**

**60 Registered Cattle and  
15 Grade Cows**

The cattle are selected from the following breeders in this organization:

CLIFFORD BECKWITH  
WILLIAM J. BRINK  
CLYDE GOWNS & SON  
MARTIN DICKSON  
K. C. HERSHELL  
G. E. & M. K. HOCK  
ARTHUR JENSEN  
EDWARD KANNING  
C. H. LANGDON  
ALVIN V. MCKINNEY

GROVER G. MEYER & SONS  
OSAWATOMIE STATE HOSPITAL  
G. I. PARKS  
E. O. REYNOLDS  
JOHN SCHULER  
SHAWNEE DAIRY CO.  
L. J. SWEET  
WILLIAM THIENO  
H. H. VANHORN  
FRANCIS R. WEMPE

30 Registered Cows with HIR and DHIA records up to 675 lbs. fat. 10 Bred Heifers from high producing cows and proven bulls. 8 Open Heifers from cows with good production and type. 10 Heifer Calves suitable for 4-H Club and FFA projects. 5 Young Bulls with very desirable type and production back of them. 15 High Grade Cows and Heifers sired by registered bulls. Many of the females selling are granddaughters of the breeds best bulls, such as Rock River Hengerveld Al, Sir Bess Tidy and Posch Ormsby Fobes 11th.

All animals will be tested for Tb. and Bang's within 30 days of sale, health certificates will be furnished with each animal. Many of the animals are calfhood vaccinated from accredited herds.

Sale committee: Grover G. Meyer, Basehor, Kan., chairman; Francis Wempe, Lawrence; Martin Dickson, Homewood. Pedigrees: Raymond Appleman.

Write for catalog

Auctioneers: Wade Morris and C. W. Cole

Mike Wilson for Kansas Farmer

## COMPLETE DISPERSAL HYCREST FARM GUERNSEYS

at HYCREST FARM

**Olathe, Kansas  
Saturday, June 30**

(TIME 1 P. M.)

A Butterfat Bred Herd  
Every Cow Has a Lifetime Record  
Made on DHIA or HIR and HIR

**42 HEAD SELLING  
37 Females—2 Bulls—3 Bull Calves  
HERD SIRE**

**Two Brooks Butterfat Herald**

Sire—Hilltop Butterfat Billy, 29 A. R. daughters.  
Dam—Two Brooks Katinka.  
Milk 13633 lb. Fat 682.316 AAA  
Milk 10785 lb. Fat 547.216 G—2x  
Milk 10339 lb. Fat 538.016 DDD  
Classified V. G. at 14 years of age.

He has 14 daughters in herd. Those which have freshened are making more than 40 lbs. of milk per day.

**JR. HERD SIRE: FLYING HORSE CLARA'S COLONEL**

Sire—Chedco Colonel.

Dam—Flying Horse Clara's Melody. Class leader; 6th place 2 years old. 305 days 3x.

Second Dam—Catamount Melody—Excellent.

**BOTH SIRES SELLING**

A good time to add a little butterfat to your herd.

For catalog write to

**E. E. VARY, Sales Manager, Sterling, Illinois**

Auctioneer: Bud Seltz

Mike Wilson with this publication

## DISPERSAL SALE OF MILKING SHORTHORNS

Due to other business I am dispersing my entire herd of registered Milking Shorthorns at the farm 1/4 mile north of

**PECULIAR, MISSOURI**

on highway 71, 24 miles S.E. of Kansas City, Mo., then 2 miles west on gravel road.

**WEDNESDAY, JUNE 20**

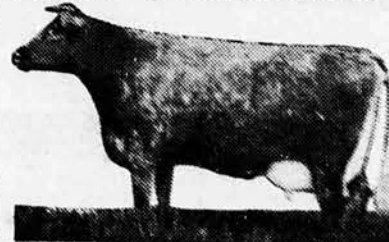
TIME 1 P. M.

31 REGISTERED MILKING SHORTHORNS (National grand champion bloodlines represented.) Foundation stock came from such bloodlines as Clay, Neralcam, Natick and Kingside. Selling 5 good age cows, fresh with calves by side; 2 springer cows; 3 heifers to calve within 60 days; 6 heifers, 8 to 12 months old. 2 choice yearling bulls and the 2-year-old red herd bull, Kingsdale Champion 18th sells. The calves are sired by and the females bred to this bull. Health—Individual health papers for Tb. and Bang's will be furnished with each animal sold. Registration and Transfer—All cattle registered in the American Milking Shorthorn Society and the transfer of each animal will be furnished new owners.

CATALOG ON REQUEST TO EITHER THE OWNER OR AUCTIONEER

**ORDELL GILL, Owner, Peculiar, Missouri**

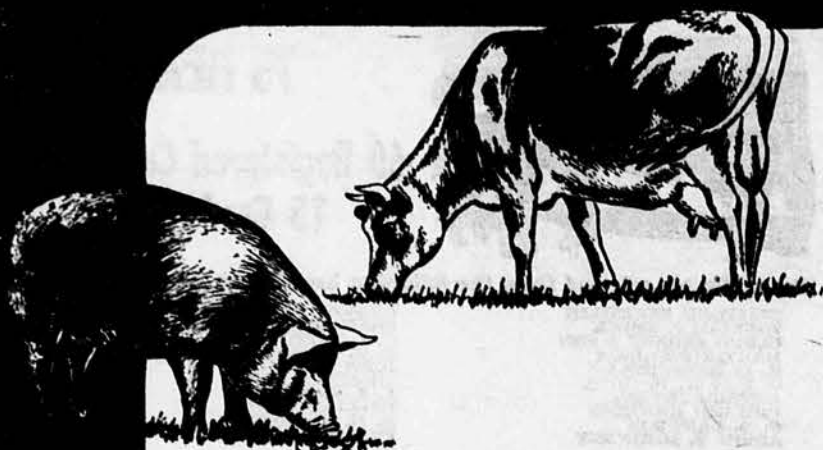
Auctioneer—Colonel Lee Blankenship, Peculiar, Mo.





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JUN 4 1951  
MANHATTAN  
KANSAS STATE COLLEGE

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## They Need Occo Every Day!

Right now you have plenty of new grass for your livestock, and it's one of your best and cheapest feeds. BUT . . . REMEMBER THIS ABOUT GRASS! Grass, like grain crops, is mineral-poor. It's just as important — just as profitable to feed Occo Mineral Compound and Occo-Lak during the grazing season as during the winter feedlot period.

Occo brings a mineral-balance to any feeding program. It's the complete, dependable mineral you can count on for better livestock health . . . faster gains . . . higher production . . . and all 'round thrifter stock.

Occo Mineral Compound and Occo-Lak cost very little to use because it takes such a small amount of Occo to mineral-balance rations. Let your nearby Occo Service Man show you how Occo can help your grass do a better feeding job. Or, if you prefer, write us direct for the profit-making facts about Occo.

OELWEIN CHEMICAL COMPANY  
OELWEIN, IOWA

OELWEIN CHEMICAL CO.  
OELWEIN, IOWA

## Marketing Viewpoint

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

I have several lambs born in March and April. How would be the most profitable manner of marketing these? I hope to have plenty of lespedeza pasture later on and now the ewes are grazing brome and alfalfa pasture.—L. W.

Usually lamb prices decline seasonally after late June and remain at seasonally low levels thru fall. Lambs dropped in March and April could not be put on market until late summer or early fall. Since you will have lespedeza for late summer it probably would be desirable to fatten these lambs on pasture and possibly feed them a little grain along with it.

There is no definite information regarding possible ceilings on lamb prices. Unless rollbacks are attempted, the seasonal decline in lamb prices probably will not be as great as usual this summer. Lamb production is at a low level and demand will be strong.

When should I buy my fall and summer supply of protein supplements?—M. C.

Ordinarily, prices of soybean meal and cottonseed meal begin to advance in late June. This usually continues until midsummer after which a fall decline occurs. Some advance is likely this summer but it appears it will be less pronounced than in recent years. Large plantings of cotton and soybeans indicate an easing of the supply situation and consequently of prices of protein supplements next fall.

I would advise laying in the summer supply in the near future and waiting until fall to obtain the full supply.

What is a good way for a farmer to clean dirty eggs.—A. G.

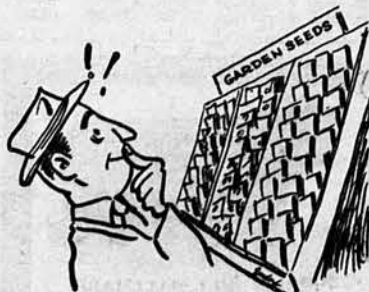
If necessary to clean eggs, use fine sandpaper, steel wool, or a clean damp cloth, or wash them according to the following directions: (1) Wash dirty eggs the day they are laid; (2) use clean water, 160° F. or warmer; (3) wash eggs so the dirty water passes off immediately (don't let the eggs lie in the water); and (4) dry the eggs quickly.

### KSC Chosen for Milling Program

Kansas State College has been chosen by the U. S. feed-milling industry for a new \$200,000 building for use in a new milling-technology curriculum and research program. In addition, the feed-milling equipment manufacturers will provide and install the equipment in the new building, announces President James A. McCain. The new curriculum will be a 4-year course for student training. The new program and plan has been approved by the State Board of Regents, and it is hoped the new program can be established in the near future.

### Guernsey Judges

The Southeast Kansas district Guernsey judging contest, sponsored by Kansas Farmer, was held in Parsons, April 9. There were 21 individual herds shown and 300 persons attended. The 5 top judges in this show were: Gerald Neher, Oswego; E. R. Gilmore, Cherryvale; Harold Cole, Buffalo; Raymond Hayden, Fredonia; Earl Mattock, Neodesha. Premium ribbons were awarded these winners by Kansas Farmer, and the 3 top winners are eligible to compete in the Kansas Farmer judging contest held in connection with Kansas State Fair, Hutchinson, September 16-21, 1951.



"Eeny-meeny-miney-mo!"

Kansas Farmer for June 2, 1951

## Home Crimp Your Grains CUT FEED COSTS 20%



Stop wasting grain with hammermills. Stop feeding dusty, ground grains that clog nostrils and stomach, are unpalatable, cause scrubs, bloat and tail-enders. Now roller-crimp your grains for greater feeding profits. New low-cost Krimper-Kracker—genuinely roller-crimps corn, oats, barley, maize, wheat, etc., for full mastication and digestion. Full absorption helps cattle to early bloom, faster growth on less grain. Crimping makes grains bulky, doubles volume, makes 4 bushels do feeding work of 5. **PAYS FOR ITSELF QUICKLY!** Krimper-Kracker's low cost will amaze you—extra profits from one season can pay for it. A size for every farm— $\frac{1}{4}$  to 25 HP, 4000 to 30,000 lbs. per hr. Requires only  $\frac{1}{8}$  the power of hammermills. Wagon box loader optional. Write for free literature and prices today! **AGENTS!** Honest, steady profits, write for territory. H. C. Davis Sons, Box KA-10, Bonner Springs, Kans.



**KOSCH FRONT MOUNTED MOWER**  
You've always wanted a Front Mounted Mower. Now it's here. With a Kosch, you see where you're going—see where you're mowing. Mount in a few minutes. Never before has mowing been so fast and easy. All points of wear are Standard IH parts, including bar sickle and pitman. Thousands satisfied users. Learn why KOSCH MOWER is Best. Available for Farmall, John Deere, Allis Chalmers, Ford, Ford-Ferguson, Ferguson, and other make tractors. Get all the facts. Specify make and model of tractor. Write for FREE literature today. **KOSCH MFG. CO., Dept. F-7, Columbus, Neb.**

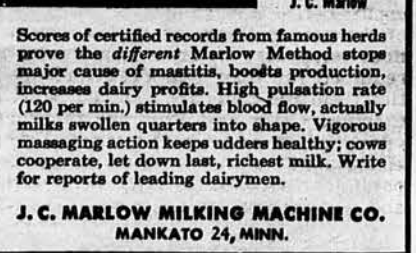


**Process Your Own Feed with a KOROK SILO**  
Farmers think of their KOROK as a piece of processing equipment for the self preservation of moist forages for future use. Durable acid resisting materials make low cost per decade. **Ask for Free Booklet.**

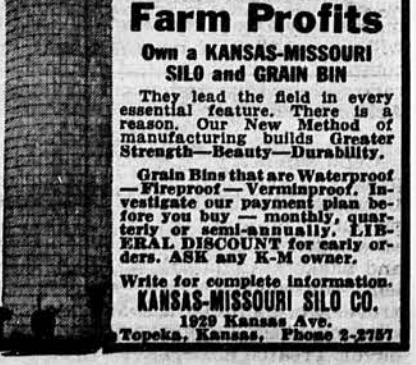
**INDEPENDENT SILO COMPANY**  
777 Vandalia Street • St. Paul 4, Minnesota



**Heavy Duty Farm Wagon**  
CARRIES 5 TONS  
Faster loads. Fewer trips. Extra strong steel frame. Timken bearings. Heavy duty wheels. No sideway or shimmy. The big wagon buy for economy and long service. **WRITE FOR FREE FOLDER TODAY!** **WINPOWER** NEWTON, IOWA



**RECORDS PROVE YOU CAN CONTROL MASTITIS**  
Scores of certified records from famous herds prove the different Marlow Method stops major cause of mastitis, boosts production, increases dairy profits. High pulsation rate (120 per min.) stimulates blood flow, actually milks swollen quarters into shape. Vigorous massaging action keeps udders healthy; cows cooperate, let down last, richest milk. Write for reports of leading dairymen. **J. C. MARLOW MILKING MACHINE CO. MANKATO 24, MINN.**



**For Greater Farm Profits**  
Own a KANSAS-MISSOURI SILO and GRAIN BIN  
They lead the field in every essential feature. There is a reason. Our New Method of manufacturing builds Greater Strength—Beauty—Durability. Grain Bins that are Waterproof—Fireproof—Vermineproof. Investigate our payment plan before you buy—monthly, quarterly or semi-annually. LIBERAL DISCOUNT for early orders. ASK any K-M owner. Write for complete information. **KANSAS-MISSOURI SILO CO. 1929 Kansas Ave. Topeka, Kansas, Phone 2-2787**



## Beef Rollback

(Continued from Page 5)

used by OPS, actually the 1950 parity for the grades ran this way: Prime 108, choice 114, good and commercial (commercial since December change in classification) 122, utility 126. It was the other grades which pushed the average up to 152—cutters and canners 167, beef bulls 149, feeder steers 142.

Testifying on live cattle ceiling prices under the OPS rollback orders, and particularly with the government grading required, Pickett said:

"These packer compliance prices based on compulsory Government grading in the carcass are misleading, are unjust and will cause heavy losses to producers.

"For example, OPS requires a spread of \$4.41 between Good and Commercial, and \$5.44 between Commercial and Utility (Before December 29 the classes were prime, choice, commercial and utility; they now are choice, good, commercial and utility.) The decision of a grader can change the value of a 1,000-pound steer \$54.40 based on Kansas City prices. Packer buyers, knowing they must comply with these grade prices, naturally will have to buy with a margin of safety.

"Setting up livestock prices with a \$5.44 spread between grades is unrealistic and unfair. Practical cattlemen know one grade shades into the lower or higher grade and there is no definite break. Under normal conditions buyers trade on 25 cents and 50 cents per hun-

dred and at times even nickles and dimes. Now we find a government agency arbitrarily saying you must have a \$5.44 spread. The difference in value does not exist and thousands of cattle falling into this 'no price zone' will, of course, take the lower price and suffer a loss.

"Our position, said Pickett:

"1. Meat is not high compared to wages. Government figures show one hour's pay today will buy more meat than most any time in the past.

"2. Present indicated rollback will put slaughter steers below parity and cause losses to producers.

"3. Consumers will not benefit, but if we can remember OPA days they will suffer as much or more in the long run than the producer. Consumers should remember it is their food supply that will suffer.

"4. Controls are inflationary—it is deception to lead people to believe controls are needed to stop inflation.

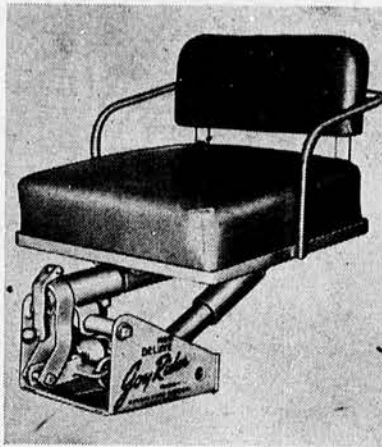
"5. Production will be lowered by this control program.

"For these reasons (1) we oppose controls and ask that Article IV dealing with prices and wages of the Defense Production Act not be re-enacted; (2) Kansas grass-fed cattle start moving to market the last of June," Pickett stated.

Unless this rollback is immediately rescinded producers will suffer heavy losses.

destructive rodents from one community each week for a year. The company each week will select one severely-infested town or city and provide without cost enough quantities of its new rat killer to render that community completely ratfree. Details of the campaign and how a community can be selected for the service can be obtained by writing to *Kansas Farmer*.

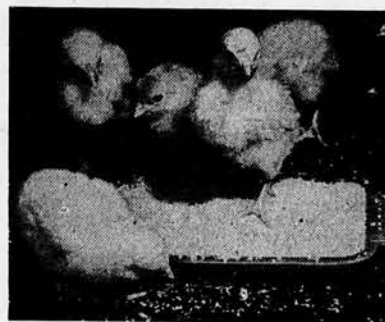
The 1951 De Luxe Joy Rider Tractor Seat is "a new development in tractor-seat construction," says its manufacturer, Fleischer-Schmid Corp., Columbus, Nebr. It's designed to reduce jolts, vibration and side whacks in tractor driving. The new model includes full



tilt-back, instant weight adjustment without operator leaving the seat. Also, set-screw controlled level-ride mechanism.

Kaff-A, Consolidated Products Company's milk replacement calf food, now is available in 50-pound cardboard cartons with a new design. The product inside is sealed tight and fresh in a valuable polyethylene bag. Housewives are using the bag for many purposes—making aprons, curtains, laundry bags, appliance covers, food wrappers, many other useful household items. Other farm uses—seed or vegetable storage, farm machinery tarpaulins, dairy equipment protectors. Kaff-A bags come in several colors, including red, yellow, green, blue and clear.

The "3M" brand Crystal Grit is a new poultry grit on the market. It's made by Minnesota Mining and Mfg. Co., St. Paul, Minn. The grit is for both



poultry breeders and backyard flock owners. Crystal Grit is pure quartz mineral grains, contains no hornblend or other black particles. It can be bought in 80-lb. bags, in 4 grit sizes ranging from fine thru coarse.

The new John Deere M-20 Center-Mounted Mower is built for operation with John Deere Models "M" and "MT" tractors. This new center-mounted mower insures a clear, unobstructed view of the cutter bar, easier steering of the tractor, and greater flotation of the cutter bar for cleaner cutting in all kinds of hay.

### New Free Booklets

Arenel Farms, Shoemakersville, Pa., has printed a new booklet giving the amazing results obtained with 4 antibiotics (penicillin, streptomycin, aureomycin and terramycin), vitamin B<sub>12</sub> and other new nutrition discoveries. Write Clarence H. Ritter at Arenel Farms for your free copy. Please say you saw a notice in *Kansas Farmer*.

"Five Ways to Save for Grain Growers" is a new 12-page booklet issued by Caterpillar Tractor Co. For a free copy, see your Caterpillar dealer. The booklet contains illustrated stories showing how many grain farmers have accomplished savings in time, labor and money by using Caterpillar Diesel track-type tractors.

## Flying Farmers Meet

Sixth annual convention of the Kansas Flying Farmers will be held at Manhattan, June 8 and 9. Arriving at the Manhattan Municipal airport Friday morning, June 8, the flyers will find a barbecued chicken luncheon awaiting them prepared by Tom Avery, Kansas State College poultry department.

Annual business meeting and election of officers will be held in the Administration building at the airport the afternoon of the first day. Annual banquet will be held in Manhattan that evening and a square dance is being planned to follow the banquet.

On Saturday, tours of various departments at the college that interest members will be the order of the day. That noon, President James A. McCain will speak to the group during a luncheon meeting.

### Buy Direct From Factory and Save

After 10 years of building Lawn Mowers, we have developed a sickle type mower that will cut fine grass or large weeds. Will cut lawns as short as 1 in. Especially built for Cemeteries, Parks and Schools. Mower has 1 H.P. Lespedeza guards and sickle, which gives double cutting capacity. Center drive on sickle permits close cutting around curbs and shrubbery. When answering this ad state type of moving: Yards, Parks or Cemeteries.

**SPECIFICATIONS**

Width of Cut—36 in. Bearings—Standard Ball.  
Power—3 H.P. Briggs & Stratton.  
Frame—Fabricated Electric Welded Steel.  
Differential—Auto Type Drives From Both Wheels.  
Drive—Standard Auto V-Belts. Gears—Machine Cut.  
Tires—400x8 Pneumatic. Self Propelled.

The F & H heavy duty 24" or 18" self-propelled rotary type lawn mower cuts fine grass or large weeds. Powered by a Briggs & Stratton 3 H.P. air-cooled engine. V-belt and roller chain drive. Ball bearing spindle. Electric welded steel frame. No castings to break. Auto type differential. Pulls from both wheels. Fool proof V-belt clutch. All bearings and gears are unconditionally guaranteed for one year. Drive wheel 12"x3.00 semi-pneumatic puncture proof. Front wheel 10"x2.00. Two blades with each machine. Only one nut to remove to change blades. Satisfaction guaranteed.

**Manufacturers of Power Equipment**  
**Foushee & Heckendorn**  
Cedar Point, Kans.

### 3% Paid on Savings

**THE American BUILDING AND LOAN ASSOCIATION**

Chartered and supervised by the State of Kansas. Kansas City will continue to grow and money invested here is safe and profitable. Business by mail, is convenient. Inquiries promptly answered.

**The American Building & Loan Association**  
714 North Sixth St., Kansas City 16, Kansas

### NATIONAL Vitrified TILE SILOS

Everlasting

Cheap to install. Trouble Free. Also Tile Stave Silos. Outside Reinforcing.

**NO** Blowing In Snowing Down Buy New  
Freezing Erect Early  
Rust or Corrosion Immediate Shipment  
Write for prices. Special discounts now  
Good territory open for live agents.

**NATIONAL TILE SILO COMPANY**  
636 Livestock Exchange Building  
STATE SIZE WANTED KANSAS CITY 16, MO.

### LOW COST IRRIGATION HOSE

CANVAS HOSE IS ECONOMICAL

This pump irrigation hose saves water and labor costs because it's easily handled and eliminates ditches. Takes water over/around obstacles. Lasts years. Canvas dams too. Write for illustrated folder.

**LINCOLN TENT & AWNING CO.**  
1626 O St. Lincoln, Nebr.

### CATTLEMEN-LOOK!

New Low-Cost Portable Mixer  
Replaces 8-Man Feeding Crew

Transit-Mixer lets one man, in one hour, do the feeding job of 8 men working all day! Just load Transit-Mixer with feed ingredients or bulk grain, mix them in transit as you drive to the feed lot. Conveyor belt unloads feed automatically as you drive along bunks. Easily controlled from truck cab or tractor seat. Rugged construction, built to last a lifetime. 2000 to 6000-lb. sizes, truck or trailer mounted, for big or small feeders. Amazing low cost, soon pays for itself. If you are still wasting your time and dollars on expensive old-fashioned manual feeding methods, stop and think what a tremendous saving the Davis Transit-Mixer can mean to you. Now—write for free literature and low prices on the Davis Transit-Mixer!

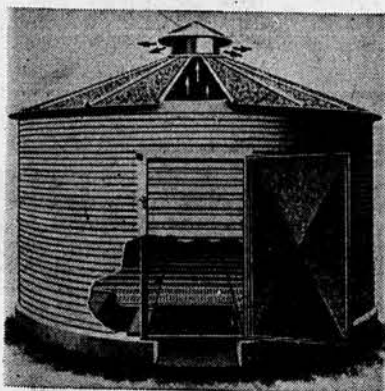
**H. C. Davis Sons, Box MZ-10, Bonner Springs, Kans.**

## Have You Heard?



### Notes on New Products and Folks Who Make Them

**A** NEW, self-supporting perforated floor for circular cribs and bins is now being produced by **Martin Steel Products Corp.**, Mansfield, O. These advantages are listed over the flat-type perforated floors previously



used—better air circulation since none of the perforations are blocked by the floor supports; much less material is required for floor supports, and erection time and costs are reduced. Martin Circular Cribs and Bins are ratproof, verminproof and weatherproof. Using mechanical drying equipment makes possible early harvesting, when crops and weather are best.

Work has started on a new International Harvester building at Denver to house a service parts depot and a general sales district office and warehouse. It is hoped the building will be finished by late 1952. The new depot will serve all Harvester dealers and company operations located in Colorado, Wyoming, and parts of Utah, Arizona and New Mexico.

Cellu-san is a new, economical wood preservative, announces Fungitrol Chemicals, Inc., Hillside, N. J. The new product is designed to lengthen the life of wooden field crates, picking boxes and baskets. Cellu-san is water-repellent, controls mold and mildew, improves wood's nail-holding power. It is safe, odorless, imparts no unpleasant flavor. Treated boxes have 174 per cent

greater nail-holding power than untreated boxes.

After 2 years of special research at the Du Pont Research Laboratory, Arsan seed disinfectant is highly recommended for grasses and small-seeded legumes. Du Pont believes Ceresan M also approaches the goal of "ideal" seed disinfectants.

Now on the market is a new side dresser for tractor-mounted cultivators available for all Ford, Ford-Ferguson, and Ferguson tractors. The L. H. Schultz Mfg. Co., Rochelle, Ill., and Waterloo, Ia., say the Schultz Side Dresser can be mounted in 30 minutes or less. It has no connections to the tractor, is stored with the cultivator, requiring no extra space. The agitator is built-in and a positive flow of fertilizer is provided by a worm feed that automatically stops when cultivator is raised at the end of a row—thus no fertilizer is wasted.

Now on the market is the new Dearborn-Peroria Fertilizer Grain Drill. It is designed to drill grain and distribute fertilizer quickly and accurately. The



extra large hopper is mounted on a sturdy angle steel box-type frame. The implement is manufactured by Wood Bros., a subsidiary of Dearborn Motors Corp., Detroit, Mich. The new drill can be quickly attached to Ford tractor or other 2-plow tractors.

A nation-wide rat extermination campaign has been launched by the d-Con Co., Inc., Chicago. The company announces its effort is to reduce the \$3,000,000,000 annual damage toll taken by rats in the United States. Goal of the campaign is to eliminate





# THE TANK TRUCK



Henry Ungersma, left, and Sam Karp, partners in a huge Montana ranching operation, use Conoco Super Motor Oil for all their farming machinery.



Typical of the high standards of farming operation maintained by the Messrs. Ungersma and Karp is this fine flock of New Hampshire Reds.

## How to Save \$500 a Year

IN MANHATTAN... whether it's New York, Kansas, Illinois, Nevada or Montana... saving money is becoming more and more important to everybody. Out near the Montana Manhattan, two big-scale farmers (they raised 60,000 bushels of wheat and 2,500 bushels of peas last year) have found a new

way to economize. Won't you let Henry Ungersma and Sam Karp tell you about it?

We have farmed all our lives — the last 20 years for ourselves. Since 1940, we have used Conoco Products in all our equipment with most satisfactory results.

We have lengthened our overhaul periods to three years instead of one year, as previously followed — resulting in a saving to us of approximately \$500 per year.

We have always found Conoco

Super Motor Oil doing a real job in keeping motors clean, rings free, good compression and producing less consumption of oil. Very little, if any, Conoco Super is added between drains... much less than we experienced with other well-advertised brands.

We have always received most prompt, courteous and efficient service from your Conoco Agent, Hubert G. Fonk, of Manhattan, and your Conoco Jobber, Joe Danhof, of Amsterdam.

*Henry Ungersma  
Sam Karp*



### Boston Baked Tomatoes

... by Mrs. Gianna Vaughn  
Arkansas City, Kansas

6 large tomatoes 1 can oven-baked beans  
2 green peppers, chopped Salt and pepper  
6 slices bacon, diced

Scald and peel the tomatoes. Cut slice from top of each tomato, scooping out the inside. Sauté green peppers and bacon until slightly brown. Add oven-baked beans and drained pulp from tomatoes to peppers and bacon. Season tomato shells with salt and pepper to suit taste. Fill tomato shells with bean mixture. Bake in moderate oven (325 degrees F.) for 20 minutes.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Dep't E, Conoco Cafeteria, Ponca City, Okla. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

### FARM KITCHEN

### Gives Full Credit to Conoco Super



"In my business of raising cattle and farming," says Rancher H. A. Hartlage, Rosenberg, Texas, "we have to get the most out of an automobile. Conoco Super Motor Oil is used in all the equipment I use to take care of my 500-acre ranch, and I give full credit to Conoco Super for the excellent performance I get out of each piece of farm equipment."

### "50,000 Miles-No Wear"

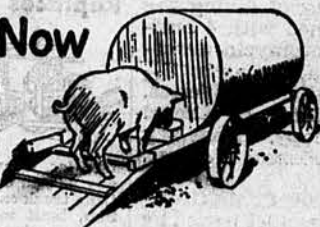
After a punishing 50,000-mile road test, with proper crankcase drains and regular care, engines lubricated with new Conoco Super Motor Oil showed no wear of any consequence... in fact, an average of less than one one-thousandth inch on cylinders and crankshafts.

AND gasoline mileage for the last 5,000 miles was actually 99.77% as good as for the first 5,000! This test proved that new Conoco Super with OIL-PLATING, can make your cars and trucks last longer, perform better, use less gasoline and oil.



### No Mud Holes Now

Make portable hog waterer by mounting large tank on wheel skids and hinging ramp on rear, leading to automatic trough. "No mud holes!" says Nels Thompson, Eagle Grove, Iowa.



### No-Sag Hinge

Tighten loose barn-door hinges permanently by welding one end of hinge to strap iron and bolting strap iron to the door frame, suggests Earl Shilling, Scotia, Nebraska.



### SAWS FOR IDEAS!

Send your original ideas to The Tank Truck, Dep't E, Continental Oil Company, Ponca City, Okla., and get a genuine \$10.25 D-15 Henry Disston Hand Saw for every idea that's printed!

CONOCO

YOUR CONOCO MAN

