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MAY 17, 1941

# KANSAS FARMER

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### Miracles We Create

Dear Editor—I'm in favor of sanitary barns for the dairy cows. I know hens and chicks do best in good laying houses and brooders. You simply must have a good tractor and things to go with it. I know all of that.

But I don't subscribe to the idea that cows and hogs and plowing are more important than the inside of the home. What I mean is that many a farm kitchen needs a going over until they have sink, running water, a modern stove and plenty of convenient cupboard space. And brightening up the rest of the house wouldn't hurt anything either.

I just said to my husband, "We don't live as well inside the house as we farm outside. Here we are always looking for next year to bring us miracles. The only miracles are those we create as we go along day by day. We've done plenty outside the house. Let's do a little inside." I guess my salesmanship didn't sound so good, but he got the meaning. I even thought he looked a little guilty when he went out to work.

Well, I got a new stove. And if I don't get anything else until the next Presidential election I'll think I'm in luck. But it looks like my husband is going to make up for lost time. Anyway, he is measuring up the kitchen, tearing out a full up-and-down cupboard. He has a couple of paint brushes soaking in turpentine. But I'm bossing the job, at his request.

You don't know how refreshed I feel with something going on like this. I think money spent for household conveniences is well invested. I hope other farm wives follow my example.—Mrs. F. R. H.

### Somebody Pockets Profits?

Dear Editor—I notice an item in a recent Kansas Farmer, "Bank Sells More Farms." Yes. And I consider this fact one of the greatest crimes on the escutcheon of the United States Government. In hard times, people were sold out of their hard-earned homes and acres, many times with only 1 or 2 more payments to make. Then the farm or ranch resold and somebody pocketed the profit between the payments made and the price of the farm. Think it over!—Nila Quick, Almont, Gunnison Co., Colo.

### Persistence Pays

Dear Editor—I thank you very kindly for the \$2 prize money you sent me, which I won in the jingle contest. I appreciate it very much. I enjoy sending in entries, altho I sent 5 or 6 before I received a prize. My husband enjoys reading your paper, as well as I.—Mrs. John Muir, Mentor.

### Highlight of 4-H Career

Dear Senator Capper—Some time back I received your letter of congratulations about my winning your 1940 boys' Kansas scholarship award. Recently I received official notice of this award from our state 4-H Club leader, M. H. Coe. Truthfully, I consider my winning of this award as the highlight of my 4-H career. Your letter and the news that it contained made me the happiest that I have ever been.

As you probably know, I am from Goodland, out in Western Kansas. I graduated from high school in 1936 and have spent the last 4 years on my father's farm in an attempt to earn enough money for a start in college. So you see the scholarship will come in very handy.

I am enrolled here at Kansas State College in the curriculum of agriculture, and I plan to major in the field of animal husbandry. I also have a fair natural ability to do freehand drawing. Some day when I can find time I will draw a freehand enlargement of your picture and send it to you. Well, I must close to prepare my lesson for tomorrow's chemistry class so—thank you immensely for my scholarship.—James H. Shaver, Manhattan.





**W**HAT about the farm-labor situation? This question has suddenly loomed as a nation-wide problem, and farmers everywhere are casting anxious glances at the market for farm manpower. It is a market turned topsy-turvy by defense activity, and the view of it presents a big question mark to those who need hired help.

Because the flow of men into army life and industrial production draws heaviest on unmarried men between the ages of 21 and 35, it virtually skims the cream from usual supplies of farm labor. Need of mechanically talented men in defense industry attracts those best suited for operating farm machinery.

In addition to those in the army or navy, and those actively engaged in defense industries, nearly 1,000 Kansans are now enrolled in National Defense Training classes. These men and boys, ranging in age from 17 to 25, are being prepared for specialized mechanical jobs in the defense program. According to M. R. Wilson, assistant state supervisor of National Defense Training for Kansas, farm boys rank above all others in these classes because they know how to "dig in and get things done."

But with spring work moving in high gear and harvest time looming just around the corner, absence of these young men from farm duty apparently leaves a wide-open gap in the farm-work line-up. Conversation with farmers thruout the state indicates the problem is felt in nearly every area. The most critical condition seems to be in Southwestern counties where farmers report there already is a shortage of men. Farmers in Central and Northwestern counties report no serious condition yet, but most of them predict a labor shortage by harvest time.

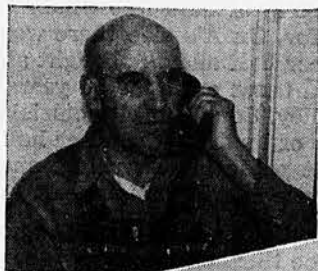
Some contend that the situation may not become serious. They point out that widespread purchase of one-man combines, along with use of other labor-saving machinery thruout the year, is dependable protection against labor shortages at any time. It is explained, also, that workers below the draft age and some itinerant hands may be expected to help keep the wheels turning.

However, nearly everyone agrees that farmers are, at least, facing a new and different labor market. Probably the most accurate picture of this situation is found in records of the Agricultural Marketing Service of the U. S. D.

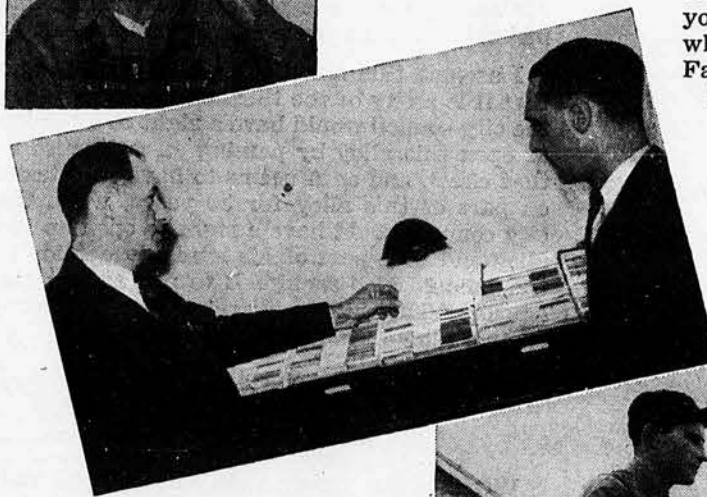
By ROY FREELAND

A. co-operating with the Kansas State Board of Agriculture. These records show that last month was the first time since 1928 when the demand has exceeded the supply of farm labor in Kansas.

The estimated supply, at only 79 per cent of normal, was the smallest on record. The supply was only 85 per cent as great as the demand. This contrasts with conditions in 1933, when farm labor supplies were about  $3\frac{1}{2}$  times greater than the demand. It contrasts also with the situation of 3 months ago, when the supply of farm labor was slightly greater than the demand. These figures indicate there has been a



In need of help on his dairy farm, Herman Zinn, of Shawnee county, recently phoned the State Employment Service.



Final result of the phone call was a job for Dale Haselwood, shown at the finish of a day on the tractor, at the Zinn farm. By bringing employers and workmen together in this manner, the State Employment Service hopes to help relieve the farm labor problem in Kansas.



significant decline in the supply of farm labor, as related to demand, since the first of this year. Naturally, the problem is expected to become more acute as harvest time approaches.

All this explains why an intensive plan is being worked out to help fill the gaps in farm manpower. This job is being attacked by the Kansas State Employment Service, in co-operation with the Agricultural Extension Service of Kansas State College.

You can help them along, and help yourself at the same time, by reporting your expected labor needs. The first thing they wish to know is "Do you need help?" If so, how much, what kind, and when do you need it? Questions of this nature are included on a questionnaire which the Employment Service has sent to 36,600 Kansas farmers.

Replies from these will serve as a basis for judging amounts and kinds of help that will be needed in different areas of the state at different times during the year. If you receive one of the cards, you are urged to fill it out and mail it in. If you didn't receive one you can fill out and mail the duplicate which appears in this issue of Kansas Farmer.

Then, if you [Continued on Page 15]

Immediately after receiving Mr. Zinn's order, officials of the State Employment Service referred to their files for names of suitable prospects. In this picture the occupational file is being checked by Earl S. Snowden, interviewer, left, and James W. Bell, supervisor interviewer.



# Comment

**I**T IS NOT too early to begin boosting for the annual Dairy Month, which is scheduled for June, for every dairyman is looking forward to an intensive campaign in behalf of his industry. And dairy shows now are being held in many Kansas communities.

The campaign this year will stress the importance of milk as an essential part of human diet. Thousands of stores will feature milk, cheese, butter and other dairy products. Restaurants and hotels are going in for milk propaganda in a big way.

The dairy farmer is better off this year than during the late unlamented drouth when feed was scarce and "higher than a cat's back." However, there always is something to worry the producers of food, and the milk surplus just now is getting the attention of the planners. It is said that one out of every 15 Americans depend upon dairying and affiliated industries for a living. When the supply exceeds the demand, there is a sharp drop in earning and spending power of a high percentage of the people. It is to increase the prosperity of the dairy industry that the campaign will be waged during the month of June.

Milk is the most healthful of foods. Consumption is far below the level recommended by medical authorities. When you drink more milk, you improve the health and help one of the country's most important industries.

## Noxious Weed Law

**W**ILL you please print the law in regard to noxious weeds?—Subscriber.

General Statutes 2-1301 reads as follows: "Every person and every corporation shall destroy on all lands which he or it may own or occupy all weeds of the kind known as cocklebur, Rocky Mountain sandburs, burdocks, sunflower, Canada thistles, Johnson grass, at such times as the board of county commissioners may direct, and notice shall be published in one or more county papers for a time not less than 3 weeks before the time fixed upon for the destruction of said noxious weeds."

But the legislature of 1937 repealed this law and a new weed law was enacted in its stead. This

## Uncle Tom on "Team Work" on the Farm

By ED BLAIR  
Spring Hill, Kansas

Said Uncle Tom, The farm's the place  
For us these busy days.  
There's always something here to do  
All help in various ways:  
Yes, cows to feed and poultry too  
And pigs that have a way  
Of telling if the feed is short  
That hungry pigs don't pay.

Up early? Yes before the sun  
Peeps at us from the East,  
Are all except the baby. Yes  
Her worries are the least.  
She takes her time for one more nap  
And mother's glad 'tis so  
For serving breakfast quickly now  
Is where she isn't slow.

'Tis teamwork where each does a part  
On farm or in the town  
That makes the ledger balance show  
You can't keep hustlers down.  
Here father, mother, daughter too  
All keep pepped up to high  
And baby, bless her, does her part  
Just sleeps and doesn't cry!

By T. A. McNeal

new law puts it in the power of the State Board of Agriculture to decide and adopt methods as official for control and eradication of noxious weeds and to publish such methods, and make and publish such rules and regulations as in its judgment are necessary to carry into effect the provisions of this act.

Also under this law of 1937 the board of county commissioners of each county or the governing body of an incorporated city or any group of counties or cities may employ for a stated time each year, with the approval of the secretary of the state board of agriculture, a competent person as county, city or district weed supervisor. The duty of the weed supervisor, if one be employed, shall be to organize local associations by townships and cities or otherwise as may be considered most advantageous for the control and eradication of noxious weeds within his district.

The principal purpose of enacting the law of 1937 was to control the bindweed, but I do not find in that law any clause or statement that withdraws cockleburs from the list of noxious weeds, and so I take the position that this weed supervisor has as a part of his duties to eradicate as far as possible the cockleburs along with the bindweed. I do not know whether there has been any appointment made of a weed supervisor in your county but I presume there has. I would suggest that you go to the board of county commissioners and find out who the weed supervisor is and then get in touch with him and co-operate with him in exterminating the cockleburs.

## Ask the City Council

**T**HERE is no alley between A and B, who live in a small town. A and B built their fences and buildings on the line between them and each made their own outlet. On the side B lives there was a small strip of land left which B didn't have to pay for. On A's side there was none left for the other half alley. A bought all of the land and paid taxes on it for 30 years. B likes to have an alley. Could the city officials make A give a strip of land for the other half for an alley without paying A anything, and make A move his fence and buildings?—A. A.

I assume this small town is in Kansas and that it is a city of the third class. If it is, then the city council would have a right to establish or open this alley by passing an ordinance to that effect, and as A seems to have paid taxes on part of this alley for 30 years, while the city council would have a right to open up the alley and take part of his land, my opinion is they should also require B to pay to him the amount A has paid during these years for taxes on this alley if that can be shown.

## Pay for Scalps

**I** WOULD like information in regard to furbearing animals that damage fowls, such as stray cats, coyotes, stray dogs, badgers, foxes or skunks. What can I do to protect my fowls?—M. C. B.

The legislature of 1939 passed an act amending an old fish and game law so as to give the county commissioners of each county in the state, when they deem it advisable, the right to pay a bounty of not to exceed \$3 for each coyote or wolf scalp, provided that not to ex-

ceed \$1 may be paid on each coyote or wolf pup scalp, 10 cents for each gopher head, 10 cents for each crow head, 10 cents for each pair of jack rabbit ears, if said coyotes, gophers, crows or jack rabbits are caught and killed in such county.

The legislature which just adjourned, further amended this law so that the state is made liable for the payment of these bounties. That is, under the law as it will be when the statutes are published, the counties pay these bounties and the state then will reimburse the counties. But we have no law and never had a law which in any way protects the individual citizen against the thefts of coyotes. In other words, if a coyote destroys chickens or any other stock, there is no way in which the owner can get payment either from the county or the state.

## Can Relation Be Resumed?

**I**N THIS case A and B are husband and wife. B is sent to hospital for insane. A marries. B is released from hospital and wishes to go back and live with A. Can she do so?—A. B.

According to the facts as stated in this question, A may be guilty of bigamy, as no divorce is mentioned, and might be prosecuted for that crime. However, an action to prosecute for that offense should have been started within 2 years after the crime was discovered. If this was a bigamous marriage it could be set aside and there would be no legal reason that I know of why A and B should not resume marriage relations.

## Not a Valid Deed

**H**USBAND and wife, A and B, own real estate in 2 counties in this state. A and B have deeds made to each of their children to a certain part of this real estate, the deeds to be delivered to the children after the death of A. They reserved a life estate for A and B during their lifetime. Are these deeds valid? What are the proper legal proceedings after the death of A and B?—M. R. J.

This undelivered deed is not a valid deed. It is necessary that a deed be delivered to the grantee during the lifetime of the grantor. Of course, this deed can be delivered and there may be a private understanding that the grantor will still continue to occupy the land with the consent of the grantee.

## KANSAS FARMER

Continuing Mail & Breeze

Vol. 78, No. 10

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H. S. BLAKE ..... General Manager

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# Farm Matters

I RECEIVED a letter the other day from Leon Henderson, administrator of Office of Price Administration and Civilian Supply, in the Office of Emergency Management. All of us are likely to become better acquainted with Mr. Henderson in the next few years. He has the job of attempting to control prices during the emergency, and to control them in the way that seems most likely to help in the national defense.

One thing that interested me much in Mr. Henderson's letter was his reference to farm prices. Mr. Henderson stated that he has long held—and still holds—that farm income is too low in comparison with national income; that the disparity should be corrected, and that correcting this disparity is part of his job as price administrator.

He referred particularly to the announcement last month from Secretary of Agriculture Wickard that the Government would "stabilize" prices on pork, dairy and poultry products at 9 cents for hogs; 31 cents for butter; 22 cents for eggs; 15 cents for chickens; all based on Chicago markets.

I called attention at the time to the fact that all these prices are below parity prices, the announced objective of the Government thru the national farm program. I called attention to the fact that parity price for hogs on the farm is \$9.24 a hundred; that \$9 at Chicago is virtually a dollar under parity.

Some fears also were expressed that Secretary Wickard planned to "freeze" hog prices at 9 cents, and that inside of a year hogs at Chicago likely would reach \$10, if not frozen at a lower figure by the Government. Britain is going to need a lot of pork and other hog products, as well as poultry and dairy products—no wheat, I might add. Canada can supply Britain's wheat requirements for 2 years ahead without harvesting another bushel of wheat.

"This is not a price-fixing measure," Administrator Henderson declares. "The guar-

anteed prices are minimum prices and no maximum prices have been agreed upon . . . To date, we have taken no steps to establish ceiling prices on farm commodities."

Mr. Henderson says his job is to promote the national defense program, and to prevent "the type of price inflation which occurred during the last war. Unjustifiable price increases and profiteering must be checked wherever they occur."

Then comes the sentence that is of particular importance to farmers and all of us in the Farm Belt, and which I hope will not be forgotten as the emergency develops.

"But I will recognize what the Congress and the present administration have written into law," says Mr. Henderson, "namely, that the prices of many farm products have been too low to provide the farmer with a decent living wage for his labor."

"I have been a strong supporter of the objectives of the farm programs and I will continue to be," declares Mr. Henderson.

Now I sincerely hope that the policy outlined by Mr. Henderson will be followed. It certainly should be.

Frankly, beyond using the federal treasury and price controls to increase farm income—and I believe the Administration and Congress plan to do that—I do not look for much change in the national farm program as it affects wheat, cotton, corn, and tobacco in the next few years. Everything will be subordinated to winning the war.

However, I am working on a plan to change the direction of the program as regards basic surplus farm crops as soon as the war is over.

The plan is based on a positive attempt to export cotton, wheat, and other surplus crops to foreign countries. I can see no safe future for the Wheat Belt, the Cotton Belt, and the Corn Belt in pursuing this "isolationist" farm program of restricting production to the American market, so far as these commodities are concerned.

None of us know when this war will end; nor absolutely certain who will win it. It is safe to say, I think, that all the peoples and nations will lose the war, but in different degrees.

But it is fairly certain, I believe, that when the war is ended there will still be a highly industrialized Western Europe that can use American farm products. So I am working on a plan to exchange surplus American farm products for manufactured products abroad. It includes lowering tariff barriers sufficiently to take care of this exchange; at the same time prorating imports given this special status so that no one or a few American manufacturers will have to take the jolt of increased imports of manufactured goods.

I have introduced a bill calculated to accomplish this in the Senate. It is S. 1442. I want it to get careful study from Congress, and by farmers and manufacturers, so that it can be understood and perfected. I will be glad to send a copy of the bill, and a statement summarizing it, to any of you who will write me for it.

Looking ahead, I can see that it is going to take some careful planning and administration of a national farm program to cushion American agriculture against the post-war shocks, irrespective of the part the United States takes in the war, and irrespective of the terms of the armistice at the end of the war.

*Arthur Capper*

Washington, D. C.

## FROM A Marketing VIEWPOINT

By George Montgomery, Grain; Franklin L. Parsons, Dairy, Fruits and Vegetables; R. J. Eggert, Livestock; C. Peairs Wilson, Poultry.

What prices can I expect for good-grade, well-finished steers that will be ready for market in July?—H. N. D., Doniphan Co.

Measured by present values, we are expecting slightly higher prices for the better grades of slaughter cattle by July. While federal reports indicate that there are about 16 per cent more cattle on feed this year than last, I doubt whether marketings will reflect this large an increase until later in the season. Furthermore, the usual seasonal price movement for this class and grade of slaughter cattle is upward after May, and considering the continued improvement in employment and the expansion in consumer incomes, at least slightly higher prices may be expected by July.

Will this be a good year to store wheat?—A. R., Jackson Co.

There usually is not much advantage in storing wheat in years when both the carryover and the new crop are large. Because terminal markets are

nearly full of wheat, this year may be a good time to be prepared to store on the farm. If there is difficulty in moving the crop at harvest time, the market price may be lower than the loan rate. Later in the winter or next spring the market price may be equal the loan rate.

Has there been much increase in exports of poultry and eggs this year?—L. M., Nemaha Co.

During the first 3 months of 1941, exports of shell eggs were 14 per cent larger than during the same months last year; exports of dried and frozen eggs were about 2½ times as large, and exports of dressed poultry were nearly twice as large. These increases in exports are significant, altho they represent a relatively small proportion of the total production of the United States.

What are chances for profit from buying feeder pigs for an August market?—G. C., Kingman Co.

While the opportunity to make substantial profits from the purchase of feeder pigs probably has passed until the next phase of the hog cycle, we believe that the purchase of 100-pound,

healthy, feeder shoates at not more than \$9 to \$9.50 a hundred and heading them for an August market should yield good returns. The relationship between the price of feed and the price of hogs is highly favorable and somewhat higher hog prices are expected by midsummer. Additional support to prices is expected from a seasonal decrease in hog supplies and an expanding domestic and foreign demand for pork and lard.

### 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	\$11.75	\$11.85	\$10.75
Hogs	8.80	9.05	6.00
Lambs	12.00	11.75	11.10
Hens, 4 to 5 Lbs.	.18	.18½	.13
Eggs, Firsts	.20½	.20½	.15½
Butterfat, No. 1	.32	.29	.23
Wheat, No. 2, Hard	.92½	.90	1.07
Corn, No. 2, Yellow	.71½	.67½	.69½
Oats, No. 2, White	.38½	.40½	.41
Barley, No. 2	.50½	.50	.54
Alfalfa, No. 1	12.00	14.50	17.50
Prairie, No. 1	9.50	9.50	9.00

### Crops to Get Going Over

All Kansas farmers are invited to Manhattan for the annual Agronomy Field Days, to be held May 21 and 22. Those in about the southern half of the state are invited for the first day, while those in the northern half are invited for May 22.

Co-operating with the agronomy department in this event is the dairy department which is providing a forenoon program, beginning at 10 o'clock each day. At 1:30, the afternoon program will begin at the Agronomy Farm. Discussions and demonstrations will concern the following: Oats varieties, spring barley and flax, water losses by evaporation and by plant use, rotations, fertilizers, lime and manure, alfalfa varieties and culture, tame and native grasses, wheat and barley varieties, sorghums, relative value of legumes, and Madrid sweet clover.

### For Quick Cash

Meade county stockmen are running to sheep. Rexford Brothers shipped in from Farnsworth, Texas, 1,650 head to graze down the big wheat heading here. Meade farmers say that for quick money, sheep are a pretty sure thing.



## DAIRY ESSAY CONTEST

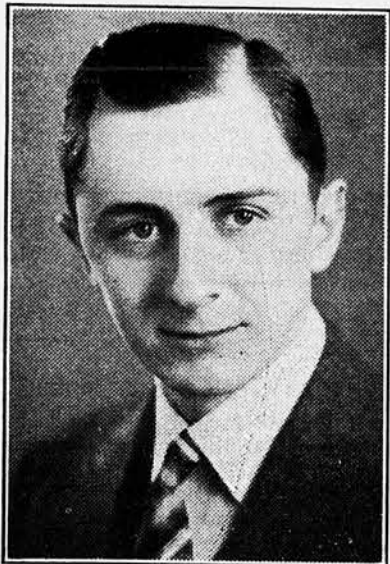
*Closes Soon—So Get Busy*

**T**HERE are exactly 2 weeks until the closing date of the big dairy essay contest, in which \$800 to \$1,000 in calves and prizes are being offered thru Kansas Farmer Mail & Breeze. The red-letter date around which every boy and girl in Kansas should put a heavy circle is May 31, for all essays must be mailed not later than that date.

From time to time, Kansas Farmer has announced the simple rules and the various prizes offered in this contest.



Raymond H. Gilkeson, chairman of the dairy essay contest, and one of the judges.



Cecil Barger, Kansas Farmer associate editor, who will help judge the essays.

If you have missed these, look up back issues of Kansas Farmer or drop a card to the editor and he will be glad to send them to you. It is sufficient to say here that anyone between the ages of 13 and 20 is eligible.

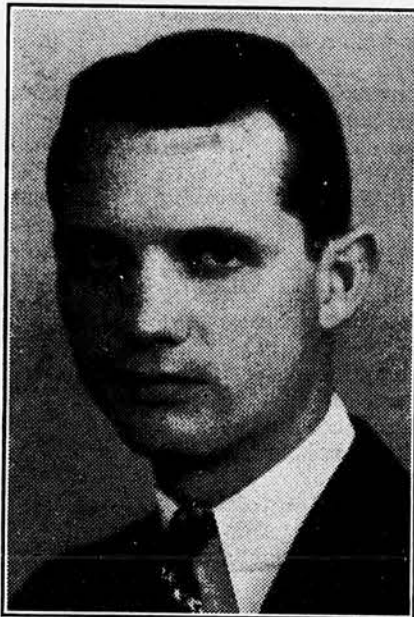
Besides numerous smaller prizes, first prizes for each of the 5 dairy breeds are to be purebred bull calves, dropped before January 1 of this year.

In the Jersey division of the contest, first prize will be the senior bull calf, Windmoor Glossy Owl 419185, given by Carl Francisco, Edna. This calf was dropped November 1, 1940, and was bred at Windmoor Farm, as were his dam and granddam. He has a pedigree reaching back to championship Island of Jersey ancestors.

The calf derives the "Owl" in his name from his illustrious sire, senior



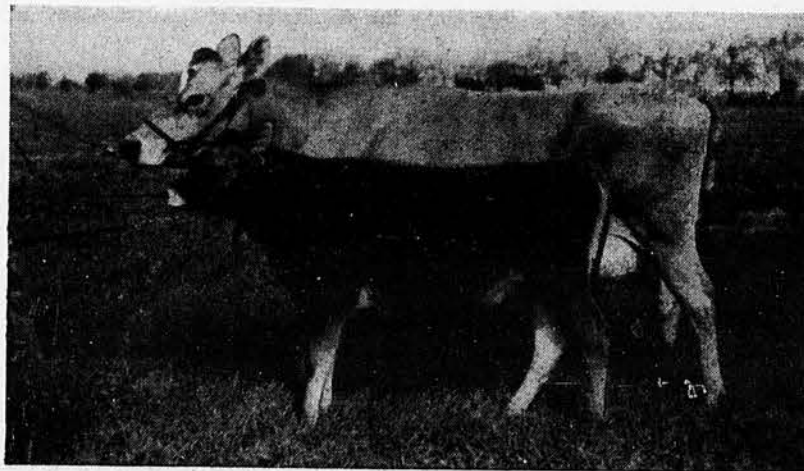
F. W. Atkeson, head of dairy department, Kansas State College, one of the judges.



Roy Freeland, associate editor of Kansas Farmer, one of the judges in the contest.

herd sire at Windmoor, Progress Owl of Windmoor, the youngest Superior sire of the Jersey breed, Silver Medal tested sire with his first 12 daughters averaging 13,291 pounds of milk and 685.67 pounds of fat. These great cows are therefore sisters to the prize calf.

Dam of Windmoor Glossy Owl is Windmoor Pioneer Carmen, classified Very Good, second highest type rating given by the American Jersey Cattle Club. She is now on Register of Merit test and has made 365 pounds fat in 177 days up to May 1, 1941. She was state test leader in January, 1941, with



Windmoor Glossy Owl, the bull calf that will be given in the dairy essay contest sponsored by Kansas Farmer, stands by his mother, Windmoor Pioneer Carmen, an outstanding producer. Carl Francisco, Edna, had originally intended to keep the calf for use in his own herd.

75.8 pounds of fat. When his dam finishes her present test, Windmoor Glossy Owl will be a Three Star bull.

The paternal grandsire of the prize essay calf is The Owl's Bonnie Progress, Gold and Silver Medal Reserved sire with 25 daughters averaging 13,252 pounds of milk and 732.92 pounds of fat. The paternal granddam is the great producing cow, Spermfield Owl's Poppy, Medal of Merit, Gold and Silver Medal cow with a record of 18,056 pounds of milk and 1,005.8 pounds of fat at 10 years of age.

"We had intended keeping this calf for service in our own herd," says Mr. Francisco, "but decided to offer him when the call went out for calves for the essay contest." The boy or girl who wins this calf will own one of the best Jersey bull calves in Kansas.

First prize in the Guernsey division of the contest will be Jo-Mar Governor's Improver, purebred bull calf given by Jo-Mar Farm, Salina; for Holsteins, Springrock Ormsby Fobes, given by



J. W. Linn, state extension dairy specialist, who will help select winning essays.

Grover Meyer, Basehor; for Brown Swiss, Romeo of Silver Creek, given by Henry Duwe, Freeport. The Ayrshire calf has not been selected yet, but it will be of highest quality.

The prizes will be awarded in a special ceremony at the Kansas Free Fair in Topeka, in all cases except the Brown Swiss prizes. The Brown Swiss ceremony will be held at the Kansas State Fair, Hutchinson, since no Brown Swiss are shown in Topeka.

By September, this fall when the presentations will be made, most of these bull calves will be almost a year old, with a value of approximately \$200 or more. Think of winning a \$200 calf! which is yours to do with as you please.

Chairman of the contest, which is being conducted thru the co-operation of Kansas Farmer and the 5 dairy breed associations, is Raymond H. Gilkeson, managing editor of Kansas Farmer. Assisting him in judging the essays will be F. W. Atkeson, head of the department of dairy husbandry, Kansas State College; Roy Freeland, associate editor, Kansas Farmer; James W. Linn, extension specialist in dairy husbandry, Kansas State College; and Cecil Barger, associate editor, Kansas Farmer.

The five winning essays in Kansas—top for each breed—will be entered in the national contest, competing against 11 other states, and this contest will be conducted by O. E. Reed, chief of the U. S. Department of Dairy Industry.

Now is the time to get busy on this big contest. You have plenty of time to write your essay and get it in the mails. Subject of the essay is "Why Dad Should Keep Purebreds and Why He Should Keep - - - -," the blank to be filled with Holstein-Friesians, Jerseys, Ayrshires, Brown Swiss, or Guernseys. Get your teacher, leader, or county agent to sign your entry to indicate it is bona fide. Send it to Dairy Contest Editor, Kansas Farmer, Topeka—and who knows, maybe you will win a valuable prize!

## Trails Marked Chickens

By J. M. PARKS, Manager  
Kansas Farmer Protective Service

**M**EMBERS of the sheriff's force, Ottawa county, and F. L. Overstake, Capper representative, spent a good part of Easter Sunday following the twin track of a trailer rim from the Glen Bean farm, R. 1, Tescott, to Salina in search of a thief who had stolen 14 of Bean's hens. Some time ago, however, Bean had prepared for such an occasion by marking his chickens with the identification mark assigned to him thru Kansas Farmer. When the trail led to a poultry dealer in Salina, it was easy to pick out the Bean chickens because of his individual mark. As a result of this co-operation between Bean and the law-enforcement officers, 2 more chicken thieves have been put out of business. A \$25 reward, paid by Kansas Farmer, was divided between the sheriff's force and Service Member Bean.



### Follows Trunk Trail

On returning home about December 6, M. L. Lowen, R. 1, Russell Springs, found that his house had been ransacked. He called the sheriff and they together followed the trail of a trunk which had been dragged for about 2 miles. There the trunk had been broken open and robbed of some valuables. A suspect was picked up and soon confessed to the burglary and later was given a penitentiary sentence. Since Sheriff L. L. Smith did not claim any of the reward, Kansas Farmer sent Mr. Lowen a check for \$50.

### Junk Dealer's Record Helps

When a carburetor was stolen from a tractor belonging to W. A. Spence, Hoxie, a son, Alvin, found and identified the stolen article at a local junk dealer's market. Luckily, the dealer kept a record which revealed the name of the person who delivered it. He was proved guilty of the theft and given a reformatory sentence. Spence and his son each received half of the \$25 re-service Member Bean.

To date in its war on thievery, Kansas Farmer has paid out a total of \$31,910 in cash rewards for the conviction of 1,365 thieves.



## SURGICAL OPERATIONS

### Need Advice of Family Doctor

PLEASE discuss operations in your next issue," requests a subscriber. "One doctor tells my aunt she must be operated on for tumor. Another says there is no tumor and the (---) machine shows none. She doesn't know what to believe."

Many inquiries come about such perplexities. They certainly are perplexing to the average man, and they are made still worse when a quack doctor throws into the argument such evidence as may be adduced by a worthless machine with a high-sounding pseudo-scientific name.

Illness is bad enough, but one gets used to the idea that all flesh is heir to certain ailments. But operations—surgical operations—are seldom anticipated and always terrifying. Nobody disputes the necessity for surgery in emergencies. When a terrible accident has occurred and limbs must be amputated, bones set or burns treated, the surgeon is counted a ministering angel and every facility is offered for his work. The times of doubt are when the patient is managing to get along without great distress. Perhaps there is disability that reduces efficiency to about 50 per cent. Perhaps there is some pain, but on the other hand the patient manages to sit up to the table and take some share in household duties, and one is prone to remember that symptoms may be nothing more than threats.

What shall we do then? How may we know that surgical operation is the wise course? How can we tell that this doctor is not after a fat fee? It would certainly be fine if a surgeon would guarantee results! The arguments can have but one conclusion. No advice is worthwhile unless presented by one whose authority is backed by knowledge.

Here is where the family doctor comes into the picture; the physician whom you, as the head of a family, have chosen long before, making no haphazard selection, nor taking the idle word of a neighbor, but giving the matter more careful consideration than if you were selecting a minister or a banker. Is he skillful? Is he intelligent? Is he thoroly schooled? And, above all, is he a man of unquestionable integrity? There is no disguising the fact that in such matters, with their tremendous importance, you are in the hands of your home doctor and the surgeon. You must abide by their decisions. How important that your choice should be well and deliberately made!

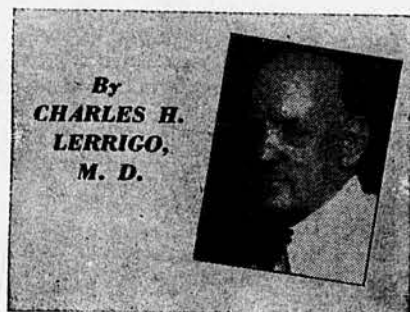
### We Sweat All the Time

My son 21 years old never sweats, or rather, never perspires. What would be the cause of this? Is there a cure for it, and what is the cure, if any?—Mrs. C. G. R.

There are millions of sweat glands in the body of every living person and they work all the time. When excessive action or unusual heat arouse them to profuse excretion, the skin becomes perceptibly moist and we say that we are sweating. As a matter of fact, we sweat all the time. So does your son. Perceptible perspiration is not a necessity.

### Hints on Surgery

Dr. C. H. Lerrigo has prepared a special letter, "Hints About Surgical Operations." Any reader desiring a copy should clip this item and send it along with an envelope addressed to himself, and stamped with a 3-cent stamp, to Dr. C. H. Lerrigo, Kansas Farmer, Topeka. Be sure to include the stamped, self-addressed envelope and this item clipped from Kansas Farmer.



By  
**CHARLES H.  
LERRIGO,  
M. D.**

### Cold Water for Psoriasis

What about the disease of the skin known as psoriasis? What causes it, and what will cure it?—R. W.

I cannot tell the cause of psoriasis. There are many guesses but authorities admit that the cause is unknown. It is

not believed to be contagious, but there is a tendency for it to appear in many members of the same family. My personal experience is that regular daily bathing of the skin of the entire body with cool or cold water, then rubbing into the skin an emollient such as cocoa butter is a good palliative. Specialists in diseases of the skin claim they are getting better results with treatment than formerly. If you have not appealed to such a specialist in late years it is worth while.

### Sore on Lip May Be Cancer

I have a sore on my lip which a surgeon called a tumor but not a cancer. He says it will have to be cut out and I shall also have to have all of my lower teeth and part of the upper ones pulled out. He will have to take some glands out of my throat on each side. He thinks it a serious operation and does not give me much hope.—B. G. R.

Your surgeon could give such advice only on the theory that the tumor is really a cancer. He is proposing radical treatment. It may be necessary, but offered with such a gloomy prognosis

I do not think very much of it. If you have cancer he is doing you no favor in hesitating to say so; and if this is the case it seems to me that a case so far advanced would be likely to find its best hope in radium treatment.

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ONLY CHEVROLET HAS ALL THESE QUALITY FEATURES			

You'll say "FIRST because it's FINEST!"



# LIME AND FERTILIZER For Southeast Kansas

By **WALTER J. DALY**

**L**IME, legumes and phosphate fertilizer—long the criterion for a prosperous agriculture in Southeast Kansas—are getting a big boost as lime and phosphate fertilizer are being made available to farmers complying with the Agricultural Conservation Program.

Designated as a program to provide for the "conservation of materials and services," this new addition to the farm program makes it possible for farmers in 18 counties in this region to get lime and treble phosphate fertilizer and then pay for these materials with a set-off from their 1941 acreage allotment and soil-building payments.

Already over 1,200 tons of treble phosphate fertilizer has been distributed and several counties have spread more than 1,000 tons of lime under this program. In 3 weeks, Allen county spread 1,500 tons; Linn county has set as a goal 6,000 tons spread in 1941.

Kansas counties in which the lime and phosphate program applies include Greenwood, Osage, Franklin, Miami, and all counties south to the Oklahoma line, as well as Butler. This is a region where the application of lime and phosphate fertilizer is necessary before legumes can be grown on most upland soils. It is a section where agricultural prosperity is in close relation to the amount of lime and phosphorus in the soil. In another year, after experience has been gained in its administration, this phase of the program will likely be extended to other counties.

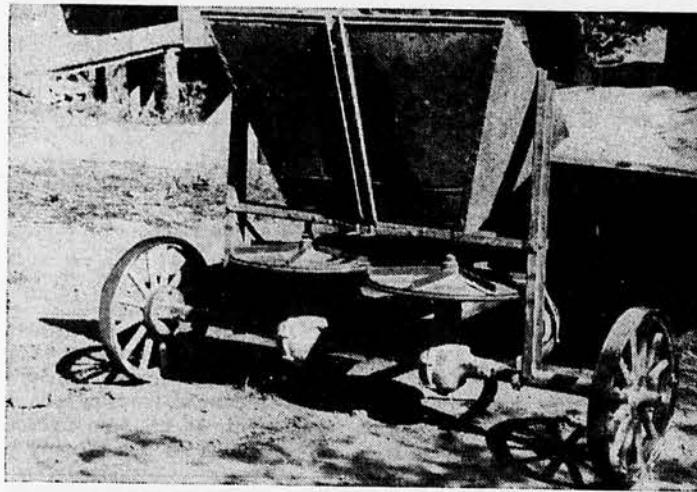
The program is handled thru county committees. They are now taking orders for the treble phosphate and have charge of its distribution. Agricultural lime is handled by contracts made directly with the limestone pulverizing plants.

**I**N ADDITION to the advantage of getting lime and fertilizer and then paying for it out of 1941 farm program payments, farmers may obtain phosphate fertilizer at a substantial discount due to the favorable price obtained by the AAA because of their large purchases.

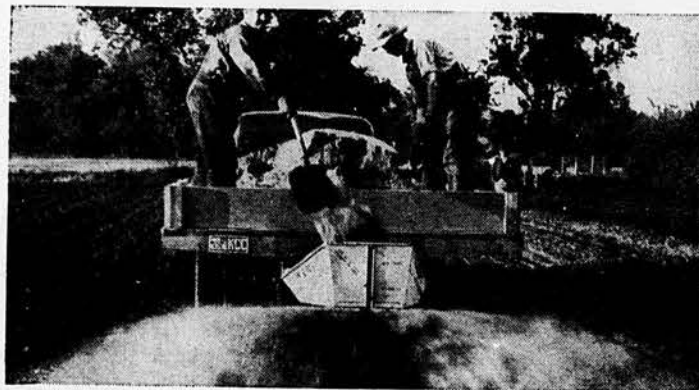
The treble phosphate fertilizer obtained under this program can be used only for the carrying out of soil-building practices approved under the Agricultural Conservation Program for Kansas. These include the application of this fertilizer to or in connection with the seeding of legumes and grasses.

E. A. Cleavinger, extension agronomy specialist for Kansas State College, believes farmers will find it profitable to use most of this lime and fertilizer as an aid to alfalfa and sweet clover production. Some fertilizer might also be used with grass seedings.

For many years successful farmers in Southeast Kansas have demonstrated that with lime and phosphate fertilizer it is possible to grow good alfalfa and sweet clover in this region, and they have made money doing it. The Cronin brothers, Louis and Charles, of Burlington, have produced upland alfalfa for years, and they say, "We never fail



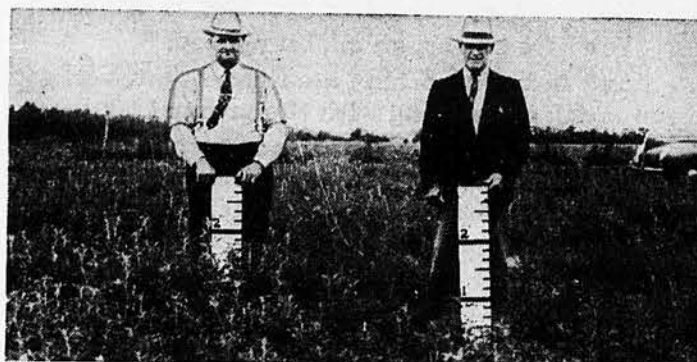
Frank Pecka, Burlington, made this lime spreader from the rear ends of 2 old model T's. It does an exceptionally good job of spreading.



Cecil Bailey spreads lime on the farm of Wallace Wilson, Moline. Bailey hauled and spread about 1,200 tons of lime on Elk county farms last year.



Paul Fundis, Coffey county, shows the difference that sweet clover plowed under 8 years ago made on a 1940 wheat crop. Wheat at left made 26½ bushels an acre, while the check at right made only 14 bushels.



Two members of the Neosho county AAA committee show the effect of lime on the growth of sweet clover at the Vernie Umbarger farm, Earleton.



Fine material in the lime does the good the first year or 2, says E. A. Cleavinger, K. S. C. crops specialist, to L. C. Williams, of the College, left, and Albert Criger, chairman of the state AAA committee.

to get a stand." Then add, "You can't grow alfalfa without lime," and pointing to a rank field of alfalfa where the first crop stood 2 feet high, one of the brothers remarked, "It's the phosphate fertilizer that makes the alfalfa grow so big." It was a fall-seeded field, and summer fallow the previous year was also given credit for part of the rank growth.

Farther south, in Coffey county, is Paul Fundis who is making farming pay with the lime, phosphate, legume combination. He has been using this system long enough so that the added soil fertility pays him dividends every time he grows a crop. In 1940, wheat on ground that had a crop of sweet clover plowed under in 1932 made 26½ bushels an acre while wheat in the same field where there had never been a sweet clover produced only 14 bushels an acre. Except for the sweet clover and the lime and phosphate fertilizer that were used to grow this legume this entire field has been handled the same, so Fundis gives the sweet clover credit for the extra 12½ bushels an acre.

**D**OWN in Montgomery county, near the Oklahoma line, is the F. P. Friedline farm where lime and sweet clover have been a part of the farming rotation since 1924. It has been kept up ever since with the addition of phosphate fertilizer and alfalfa. When asked whether it paid, Mr. Friedline pointed to a sandy upland field where the corn would beat 50 bushels an acre and across to the next field where wheat last summer produced at the rate of 40 bushels an acre. County Agent A. W. Knott, of Montgomery county, once remarked, "Friedline's success is the result of a long-time conservation program. You don't get this kind of results the first couple of years after you start to build up a worn-out farm."

In the early twenties, William Hyson, of Blue Mound, bought an old worn-out 40 acres of land that the neighbors considered too poor to be worth farming. Since then it has had several rounds of sweet clover and alfalfa along with lime and phosphate fertilizer, and now there isn't a more productive field in the neighborhood.

The proof that lime, phosphate fertilizer and legumes will do the job is present in every county in Southeast Kansas, but the difficulty is that most farmers have felt that they could not afford the cost necessary to put a long-time conservation program into effect on their farms. Some have tried it for a year and then dropped out, because soil conservation does not usually pay much in the way of net dividends the first year or two.

Now farmers of Southeast Kansas who wish to build up their farms are able to get the necessary lime and phosphate without putting out the cash. Thru the Agricultural Conservation Program the government is ready to co-operate with the farmers who operate the land in a program to build back the worn-out acres of Southeast Kansas. It is a part of the program to keep productive the natural resources of America.



## Livestock Men Give Tips

**T**HERE is no better way of gathering tips on livestock raising and management than visiting with other livestock men. Last issue, we chatted with a number of beef and dairy cattle breeders, discussing their ideas and their methods. Now we continue this visit.

**Alfred Tasker, Delphos:** Have bred Shorthorn cattle 14 years. Never keep a cow that isn't a good milker, because it takes milk to raise a good calf. Cull out poor stock closely and it isn't long until you have a good producing herd. Believe if more people who buy bulls would make sure they are good purebreds, they would be better off; a lot of them are called purebreds, but there are no papers with them. Am going to plant more alfalfa; don't think you can beat it and silage for winter feed.

**E. L. Barrier, Dalebanks Farm, Eureka:** Established my Angus herd 38 years ago, believing the breed, with their excellent feeding and grazing ability, high dressing percentage and high quality of meat, were destined to become the leading beef cattle of America. A large majority of "tops" on our big markets are made on Angus. Pasture is important. Don't overload it, don't go on prairie grass too early. Use rye, barley, wheat and sweet clover; in fact, anything you can get to lengthen the pasture season in fall and spring especially so your grass gets a start. Deferring grazing on the pastures 2 weeks in spring has done more for my wild grass pasture than anything else. For me, silage has proved one of the best rations for breeding herds, with just a little alfalfa hay.

In the past, the packer has paid a great deal of attention to dressing percentage. In the future I believe he will pay an equal amount to grading of beef. As a finishing ration, nothing is better than barley, oats and corn; and I think kafir and some of the grain sorghums are going to come into the same category.

**J. B. Herrington, Silver Lake:** I gave my pasture a complete rest for 2 years after the drouth of 1934. It is foolish to try to raise livestock without an adequate supply of good pasture. Be particular never to over-graze. In my estimation there is no feed the equal of alfalfa hay for stock cattle. Have been raising Shorthorn cattle for 41 years, and they are ideal for small farm conditions. Good feed and good care are prime essentials for success.

**Walbert J. Ravenstein, Belmont:** The success formula with livestock includes choosing a good breed, preparing to have plenty of feed, supplements, minerals and fresh water at all times; and be on the job at all times to give the livestock proper feed and care. Good pasture and a silo are the greatest assets in my business. Started my registered Hereford herd 6 years ago when I purchased 8 cows from John N. Luft, Bison. Purchased a sire from John Ravenstein, of Willow Creek Stock Farm. Have sold bulls in 5 different states and have built up my herd to include 34 select females, with which I have been successful in breeding off 75 to 80 per cent of the horns.

### Calves Gain More

When creep-feeding calves, never let the feeder get empty as the calves will get hungry and when the feeder is filled they will eat too much and get "off feed." This precaution, as well as others, are included in the complete and thoro leaflet, "Creep-Feeding—A Profitable Method of Beef Production," issued by Kansas Farmer. For your copy send a 3-cent stamp for mailing to Farm Service Editor, Kansas Farmer, Topeka.

**Andrew O. McIntire, Duquoin:** We have been well pleased with a roughage mill to grind fodder from grain sorghums. We use 3 wagons. The fodder is ground and tramped into the wagons solid where it stands a few days and heats. It seems cattle like this feed better after it sets than they do when it is freshly ground. Sometimes the ground feed is much like silage. Our mill cracks the grain, mixing it thru the feed. I have had a few registered Shorthorns since 1920, when I bought one cow at a dispersal sale. I only got one heifer calf from her, but this calf proved to be a good brood cow and I have saved the best heifers. Had some bad luck with short feed crops, and have culled rather close, so I have only a small herd kept in connection with my father's and my brother's grade herd. We plan to keep about 30 to 40 cows and some replacement heifers.

**John Hayes, Hutchinson:** Pick quality stock, feed well, and make your word good for success with livestock. Never sell an animal you don't like to your neighbor. If you can't sell him a good one, don't sell him. Have had Herefords since 1914. There will be times when the best of cattle will not sell well. Keep your chin up as well as your papers, and success lies at the end of the trail.

**E. G. Becker, Mt. Bethel Farm Herefords, Meriden:** Pasture is one of the chief feeds on this farm, and the cattle could not be kept at a profit without it. Have been sowing grass seed every year recently. Brome, sweet clover and oats have proved best. Silage has been fed here since 1912. Chief crops used are Pink kafir and sorgo. My Hereford herd was started in 1930, and has made progress due to good seed stock, good feed and care. Have used artificial breeding method on horses for about 15 years.

**J. B. Shields, Grand View Stock Farm, Lost Springs:** I started breeding registered Herefords in 1896, with one cow. Next year I bought a half sister of the first cow, and from these 2 cows I built most of my herd, using good bulls. When I started butchering and selling meat the Herefords netted me from \$3 to \$5 more to the carcass, and I soon had a demand for male calves as others soon found that out also. I have always found grass the cheapest feed, so bought grass land and have taken good care of it. When it is rolling we run lister furrows around the hills, thereby holding the water in the furrows. Grass is greener and stays green longer below the furrows.

**Lester H. Kolterman, Onaga:** My Polled Herefords have really been developed from the horned kind, with the best bloodlines back of them. Pastures have been grazed to what they were

capable of carrying, and the grass has come back well since 1935, until this year they will carry their full number of cattle. Water has been a greater problem than grass. We are gradually (Continued on Page 13)

### Make Hay this EASY WAY The NEW Mary D STACKER

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Says **GEORGE W. ALLEN**  
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**"Steady Going at Low Cost--Almost No Time Out for Tractor Repairs! No Wonder Mobiloil Saves Me So Much!"**

**I**F you're looking for tractor protection that's *absolutely dependable*—yet helps you save oil and fuel expense—listen to Farmer George Allen:

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**Your Mobiloil Man**  
**IS A GOOD MAN TO KNOW**





Comfortable to wear and easy to make is the popular model at the left, with its tall crown and wide brim. Made in beige or natural with pull-thru-ribbons in different colors to accent different dresses, it will prove an all-summer favorite.



## MAKE YOUR OWN

# HAT

Be really feminine and crochet the dressy tricorne, pictured above, with its tricky veil and summery flowers. Then, for your suits and tailored clothes, you'll find mighty fitting the woven Breton sailor, below. Grosgrain ribbon adds a smart finish, and for a perky touch stick in a quill or two.

**A** NEW HAT—always—that's the thing that will pep up your wardrobe any time, any day. And you needn't be a skilled milliner to make smart hats this season. The most stylish shapes are easy to copy—many of them are tiny—others have brims. Gay flowers, perky bows or floating wisps of veils are used for trimmings.

How many times have you wished for a new hat, one to go with a certain dress? But hats have a way of running into money—fast—so it's a good idea to learn to make them yourself.

There's no excuse for not having 2 or 3 different hats for each costume when you can make one from a 15-cent fold of crepe paper—yes, paper, nothing more or less! With more than 40 colors from which to choose you may make your hats to match your costume or accessories, or in contrasting colors if you like.

The hats pictured are woven or crocheted—both methods easily and quickly done. Then, this season, there is also the new braided hat—like the one sketched. To make any of these hats, you cut the crepe paper across the grain right thru the entire fold 1½ inches wide. To help get the strips of paper into form you'll need a little gadget called a crepe paper twister. Following the instructions on the twister, pull the crepe paper strip thru the larger hole to make a raffia-like strand. If you do not have a crepe paper twister—one costs only 10 cents—better order one when you send for

the instructions for making the hats.

The secret of the ease of making the braided hats is a 5-strand braid of "crepe raffia" attached to a simple buckram foundation with "liquid thread"—a new product that may be purchased in 5- and 10-cent stores. It fastens the braid as smoothly and firmly as if it were sewed with needle and thread—and in less than a quarter of the time.

Use 5 strands of crepe raffia and make of them a firm flat braid. Fasten the 5 strands together at one end and, starting with the right-hand strand, bring it over the next strand to the left, under the next, over the next, and under the last strand to the left. Continue in this way, always working with the right-hand strand. Keeping the strands perfectly flat, push them together to form a tight braid. Try using strands of different colors and see what lovely color effects you can get. Finish with a protective coat of crepe paper lacquer, white shellac or water-repellent solution—then have no worries if you get caught in a thunderstorm.

We'll send you instructions for the 4 hats pictured on this page and several more styles besides—no charge—just glad to be of service. Simply send a postcard to Ruth Goodall, Kansas Farmer, Topeka, Kansas. We shall also be glad to have mailed to you any of the materials necessary for making the hats if you are unable to find them in your home stores.







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(HYDRO-EJECTOR TYPE)



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**DAISY FLY KILLER**

**NERVOUS Cranky Women**  
HEED THIS ADVICE!!

Do cross, upset nerves caused by monthly functional disturbances make you fretful, peevish at such times? Are you annoyed by periodic pain, weakness and distress of "irregularities"?

Then try Lydia E. Pinkham's Vegetable Compound—famous for over 60 years in helping hundreds of thousands of women to relieve this distress, calm jittery nerves due to such disturbances and help build up resistance against these annoying symptoms. Pinkham's Compound is WORTH TRYING!

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## Let's Use Sunshine

By JESSIE HAGGARD

So many folks living in the country drape their windows with curtains, both heavy and light, that I sometimes wonder if they realize how much they are missing. A great many country houses are dark in the first place, so there is no need of curtains to shut out the light. The view from a window in a country home is usually beautiful in itself. Maybe the sky, maybe flowers and fields lush and green in summer, maybe trees and brown grass in winter. Perhaps you have a view of a hill or the road or maybe the pasture—but always beauty!

From my window in the kitchen I see, looking down, a pasture, and on a level with my eye, the highway, with a scene ever shifting, always changing, and in the distance a slight rise. It is 2½ miles distant to town where my youngest boy attends high school, yet I see the building looming against the sky. On clear days I hear the drum corps marching, and that lends enchantment and interest to the view. I can hear the bell at the grade school ring and always it brings peace over the fields. I feel a vast contentment

## Four for Play

ALL IN ONE PATTERN



Pattern 8925—Sunsuit, overall, frock and bonnet! They're all yours in this one easy and inexpensive pattern! By repeating it half a dozen times you'll have your tot completely equipped for summer. Each piece in this sweet quartet emphasizes her cuteness and curves, and each piece is as comfortable as her own personal skin! Sizes 1 to 5 years. Size 2 requires 2¾ yards 35-inch material for the whole thing; 3 yards trimming. How nice if mamma could dress herself as simply.

Pattern 15 cents. Address: Fashion Service, Kansas Farmer, Topeka.

for I love this part of the state, and I thank God for schools.

Let's run the blinds to the top of the windows and let the sunshine in. There's no reason in the world to go peering about at your sewing or cooking with the blinds halfway down and drapes and curtains over the windows.

In the city, people make use of blinds and curtains for reasons of privacy, but in the country we don't need so much privacy for houses are farther apart. Let's check up on ourselves and see if we are getting enough sunlight and are using the marvelous view that nature intended us to have.

## Crisp, Crunchy Crust

By KATHLEEN STEWART

To get a crisp, crunchy crust under your custard or cream pies, roll it in graham crackers.

Make your piecrust according to your favorite recipe but do not have the dough too moist in spots, as the edges of the shell will have a tendency to break. Use ⅓ cup graham cracker crumbs which have been made fine by running them thru a sieve. Place the crumbs on your breadboard and spread out the size of the pie plate to be used. Place the dough on the crumbs and roll out with the rolling pin. Be careful not to get any crumbs on the top of the crust as this will cause it to soak when the custard is poured in. It may be necessary to flour the rolling pin well and frequently, as the dough cannot be turned to prevent sticking.

Place the crust in the pan, trim as usual and place in a cool place to stand from 4 hours to overnight. After standing, pour custard in and bake. This rolled-in-graham cracker dough starts to bake immediately, allowing none of the shortening to melt, and is thoroughly baked by the time your custard pie is ready to take from the oven.

## Never-Fail Method

By HOMEMAKER

Having trouble in removing the printing from some of those flour sacks? Try this method: Rip the sacks open and wash in lukewarm water to remove all flour. Rub the printing with laundry soap, then roll up and let soak for a few hours. Wash in warm water, rubbing soap on any print that remains. Place the sacks in a solution of the following proportions, using enough water to cover the sacks: 8 gallons of water, 1 tablespoon of lye and ½ cup of kerosene. When the solution is warm, add the sacks and boil them until the printing has disappeared, stirring frequently. Remove sacks, wash in soapsuds and rinse thru several clear waters. If the sacks appear pink, place in a bleach solution for a few minutes.

## Frame It to Match

By MONETTE

Is the frame of the mirror above your dressing table a bit shabby? Why not frame it with material to match the skirt around the table? All you'll need is some glue and a bit of patience. Add a 2-inch ruffle in a color to pick up the color scheme of the room.



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about **DRINKING WATER  
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Be sure to start your chicks right. Keep drinking water containers clean—keep the brooderhouse sanitary—and see that Dr. Salsbury's Phen-O-Sal tablets are put in the drinking water. Dr. Salsbury's PHEN-O-SAL . . . (1) Checks germ growth in drinking water. (2) Medicates digestive system.

Phen-O-Sal tablets don't lose their strength by contact with feed and litter that get in the drinking water, nor do they oxidize inside the chick.

Cost is low—125 tablets (\$1.00) will medicate 62 gallons of water for baby chicks. For genuine Dr. Salsbury's Phen-O-Sal tablets, see your Dr. Salsbury dealer who may be a hatcheryman, druggist, feed, or produce dealer.

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## FERTILIZER FOR BIGGER CORN EARS

PLANT-BREEDING scientists have contributed to efficiency in the form of hybrid corn—probably the most efficient seed man has ever known. Agricultural engineers have developed wonderfully accurate mechanical planters to place the living kernels shallow or deep, close together or far and few between; however the farmer must have them for best results under his own particular growing conditions. The national soil conservation program is playing a part in agricultural efficiency, too, by reducing the waste of soil erosion and encouraging better crop-growing practices.

One practical way by which farmers can step up their corn yields and crop quality and by so doing lower crop production costs this year, is thru the intelligent use of commercial fertilizers at planting time.

Bushel for bushel, hybrid corn requires no more plant food than open-pollinated corn. But, because of its greater growing and yielding power, it makes a heavier demand on the land for precious nitrogen, phosphate and potash. Obviously 75 bushels of hybrid corn will require more of these elements than 50 bushels of other corn. For every pound of these essential plant nutrients that it draws from the land, however, it converts many, many pounds of the elements, oxygen, hydrogen and carbon, which are "free as air," into ears, tassels, roots, stalks and leaves.

As a result, when any of the essential plant foods—nitrogen, phosphate

or potash—are deficient in the soil, the corn is unable to make as much use of the "free" elements and plant growth and yields suffer.

Generally speaking, corn grown on land of low fertility shows the biggest response from applications of fertilizer, but even on fertile soils, fertilizer makes a difference. For example, on the Virgil Love farm in Mercer county, Ill., scene of the 1940 state corn husking contest, fertilized corn produced 89.2 bushels an acre as compared with 76.7 bushels made by corn on the same field left unfertilized for comparison.

A similar test was made on the Henry Keppy farm at Davenport, Ia., in the field used for the 1940 national corn husking contest. Here, unfertilized corn yielded a good crop of 85



Crop quality and higher market grade is one of the rewards of using fertilizer. Many of the championship show samples have been produced with fertilizer help.



Fertilizer gives the farmer a head start on the weeds by getting the corn off to an earlier, more vigorous start. Note fertilized section at left.

bushels an acre, but corn in the same field given the benefit of a quick start and strong growth thru the application of quickly available (0-12-12) commercial fertilizer used at the rate of 80 pounds an acre, produced an extra 10.5 bushels an acre.

Each acre of fertilized corn showed an additional profit of \$8 an acre over that which had been left unfertilized as a check on the David Dykstra farm, site of the 1940 Iowa state husking contest at Mitchellville.

A 2-12-6 analysis fertilizer was used at the rate of 100 pounds an acre, and in addition, potash was applied broadcast on several alkali spots in the field.

When accurately measured at harvest time, the corn on the fertilized ground yielded 93 bushels an acre, while that on land which received no fertilizer produced 19 bushels an acre less! Speaking of crop quality, twice as many nubbins per acre were produced on the unfertilized land as were

produced in that part of the crop grown with the aid of fertilizer.

Recent interest in narrow-row planting is expected to focus even more attention on the need for balancing plant food nutrients in the soil with readily available commercial fertilizers.

C. L. Gunn, prominent breeder of hybrid seed corn, has been experimenting with heavier-than-normal corn planting rates for several years. According to Gunn, thick planting tends to delay maturity and increase the percentage of lodging. More plants per acre or per square yard of soil require more of the plant food elements, and when these are lacking, particularly phosphates and potash, delayed maturity and weaker stalks are likely to result. To avoid these weaknesses and still get the extra yield possible by heavier rates of planting, Gunn believes farmers will have to bring the plant nutrients in their soil into better balance with the proper fertilizers.

## Help Us Find a Master

YOU can help us in the job of finding 5 outstanding men to be named for the 1941 class of Kansas Master Farmers. If you decide who is the best farmer you know, and then send his name to us, your nomination might lead us right to one of the very men we are looking for.

As you know, Kansas Master Farmers are chosen from nominations made by readers of Kansas Farmer. Anyone can make a nomination and any man living on a Kansas farm is eligible to be nominated. He may be a tenant, owner, or farm manager.

To qualify for the Master Farmer

award, he must be a sound, practical farmer, respected by his neighbors and known for his honesty and square dealings. It is essential that he has made a success of his farming business. Last, but not least, he must be a farmer who has provided a comfortable, enjoyable home for his family and best possible educational advantages for his children.

You know of a good farmer who meets these requirements. So we invite you to fill out the coupon below, giving his name. Mail to Kansas Farmer, Topeka, Kan. All nominations must be in this office, please, by June 1.

### MASTER FARMER NOMINATION BLANK

I wish to nominate \_\_\_\_\_  
(Name of candidate)

\_\_\_\_\_  
(Address of candidate)

\_\_\_\_\_  
(Name and address of person making nomination)

All nominations must be mailed to Kansas Farmer, Topeka, by June 1.



## Farm Problem Has Two Heads

By CLIF STRATTON

Kansas Farmer's  
Washington Correspondent

WASHINGTON, D. C.—Suggestion of Secretary of the Treasury that Congress reduce government expenditures a billion dollars a year, and take half the cut out of farm benefit payments, apparently is not due to be approved by this Congress. Odds are that the federal government is going to take more steps, and pay more funds out of the treasury in the coming year, to bolster income for the producers of cotton, wheat, corn, tobacco, rice.

Whether farm income in the surplus-producing areas is to be bolstered by increased payments, or thru higher loans to sustain prices, or by a combination of these, should be decided within a few days. One reason for the immediate decision is that Secretary of Agriculture Wickard has called for a national referendum of wheat marketing quotas May 31. And before the referendum is held the Administration would like to be able to tell wheat growers what is in prospect for the coming crop year in the way of government payments, loans and, in a general way, controls of production and marketing.

The present war—by the time this is in print President Roosevelt may have stated plainly that it is our war and that we are in it—has accentuated the 2-headedness of the farm problem.

Britain, and later perhaps a large part of continental Europe, are expected to draw largely upon the Western Hemisphere for foodstuffs. That means there is in sight an increasing market for some American farm products. But this list does not include wheat, cotton, tobacco. Canada has enough wheat in storage and on the ground to supply her own and British needs for the next 2 years, if Canada produced no wheat this year. There is enough cotton stored in the United States to supply the world needs for more than a year. Apparently Europe is not going to take tobacco from this country for some time to come, at least not in appreciable quantities.

The foregoing explains why the Administration is facing 2 directions in the national farm program. It is trying to reduce still more the production of wheat, cotton, tobacco. It is trying to increase production of pork, dairy and poultry products, some vegetables. Also, it is planning to hold down increased food costs to consumers the coming year to 10 per cent.

Domestic wheat supply for 1941-42 is estimated at 1,200 million bushels; domestic disappearance at 675 million bushels, leaving 525 million bushels carryover.

"Wheat has been selling lower this year than last," the Bureau of Agricultural Economic reports, "but prices are expected to continue to average relatively high as compared with prices in other surplus-producing countries—as long as Government loan and export subsidy programs are continued.

"A government loan on the new crop soon to be harvested in this country is dependent upon a favorable vote in the national marketing quota referendum tentatively announced for May 31."

Under the provisions of the Agricultural Adjustment Act, if a referendum on marketing quotas on any commodity is held, and the producers refuse to vote (two-thirds majority required to carry) marketing quotas, then there

(Continued on Page 14)

without silage for winter now. Have had my first calves born to heifers vaccinated for Bang's disease, and have no complaint to make. But am not convinced it will do the job and want to try it out for my own satisfaction before I would swear by it. It may be all right, but I want to know from my own experience.

O. J. Shields, Lost Springs: Started raising registered Herefords in 1921. Always stressed the importance of buying good type bulls. Can't expect inferior breeding stock to produce good calves, any more than you can pick grapes from thistles. Shortage of cattle during the last few years has been good for our grazing areas; it has given them a chance to rest and reseed. The silo has been called "the fruit jar of the field" and that is true. It is the best known means of preserving feed and retaining its feed value. More silos on the farms would mean more profits.

Jesse James, Kanorado: The thing that helped us most with our Herefords was the selection of thickness, easy fleshing qualities, good feet, straight

legs and strong heads in our cows and herd bulls. I started my herd in 1931 with 20 heifers of Domino breeding, and now have about 65 cows in the breeding herd. Pasture rotation helps a great deal. Silage has proved satisfactory, and dry chopped feed is used extensively here with good results.

W. A. Love, Partridge: Have been interested in Shorthorn cattle since a small boy, as father had them. Have learned that by adding a few dollars to the price of the bull, the first crop of calves will make up the difference in price over a poorer bull. Didn't like the dehorning job so bought a polled bull. Then, I thought, "Why not get a registered cow or two, since the demand for Polled Shorthorns is so great." That was 24 years ago, and all the time our motto has been to build up the herd with the best bull obtainable.

Pasture is important. We use rye for early spring until native grass is ready with a good start. Then a little Sudan is one of the best supplements that can be found. Of course, we have wheat for winter pasture, so have

grazing most of the time that the weather and ground are fit to have cattle out. We have a trench silo that holds about 160 tons which is a great thing in solving the feed problem.

After 24 years, we find the field of learning very broad. Have come to the conclusion that a lifetime is scarcely long enough to establish and build up a purebred herd. But it should be the work of at least 2 generations, and then we can hope that the third generation may not undo the job, but will go on with the good work and come nearer to perfection.

John C. Keas, Locust Lea Farm, Effingham: When I was graduated from college, I took a job with Fairfield Farm, Topeka, where I learned to like Ayrshires. Was in partnership with the Barwood Farm, starting in 1928, and in 1938 I started my present herd. Good pasture is the key to successful dairying. My permanent pasture is divided into 3 fields for rotation grazing. Thus I expect to greatly increase the carrying capacity of the permanent pasture. Also will pasture Sudan, sweet clover and lespedeza.

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## Livestock Men Give Tips

(Continued from Page 9)

turning to ponds as wells are not doing the job. For 20 years have used cane and corn silage for winter roughage; surely is great for carrying cattle thru winter. Didn't like it so well when silos first came into use, but wouldn't do



**MYERS 1870**

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## THUMBS DOWN ON WEEDS!



● There's no room for weeds in a field of growing corn. The quicker and more efficiently you can get rid of them, the better corn crop you'll be harvesting next fall. And when it comes to cultivating it's hard to find a more thorough weed killer than the famous Farmall Shifting-gang Cultivator, equipped with Hi-Speed Sweeps. With this outfit you can get closer to the hills without damage to the corn than is possible with rigid frame cultivators. Just a gentle turn of the steering wheel

### Farm Problem

(Continued from Page 13)

will be no government loans on that commodity during the marketing year.

Congressional conference committees are struggling this week with 2 important farm bills, the annual agricultural appropriation bill, and the bill to increase marketing quota penalties on excess production. The House wrote into the latter a provision making loans on basic commodities mandatory at 75 per cent of parity on those commodities; quota penalties would be increased from 15 cents a bushel on wheat and corn to 50 per cent of the loan value.

The Senate increased the House appropriation for parity payments by 150 million dollars for this year, and 88 millions for next year, making the total 662 millions for the 2 years, instead of 424 million dollars. Senate Committee on Agriculture also approved—without having a bill before it for formal action—making loans mandatory at 85 per cent of parity.

At this time a possible compromise looks like the 85 per cent loans and annual parity payments of 212 millions dollars; alternative, 75 per cent loans and parity payments of 662 millions for the 2 marketing years.

Whatever plan is finally approved, there will be more government aid to sustain wheat prices, accompanied by more drastic government controls to hold down wheat production until such time as there appears likelihood of a market outside the United States for wheat and flour.

not only guides the tractor but shifts the gangs sidewise—at the same time! When you cross-cultivate, this exclusive quick-dodging action is especially valuable... particularly if hills are out of line.

Be sure to see the two and four-row Hi-Speed Farmall Cultivators at the nearby International Harvester dealer's. The McCormick-Deering line also includes horse-drawn cultivators in sizes and types to meet all acreages and crops.

**INTERNATIONAL HARVESTER COMPANY**  
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This year buy a set of HI-SPEED Sweeps, made to fit practically all tractor cultivators. Look for the Cream Shank!

## McCORMICK-DEERING

### Hi-Speed FARMALL CULTIVATORS

## OTTAWA FFA BOYS

Win Top State Honors

**B**ESTING last year's attendance by 200, about 1,200 Kansas vocational agriculture boys and their instructors were in Manhattan, April 28 and 29, for their state judging and farm mechanics contests, and the annual state convention of Future Farmers of America. Those present represented more than 6,000 Kansas boys enrolled in high school vocational agriculture classes.

Competition in the agricultural judging contests included 133 teams, while

Second high score in the agricultural contests went to a team from Chanute, coached by E. L. Collins. Members of this team were Phillip Cooper, Charles Tyler and Joe Arthur. They placed first in crops, third in dairy, and ninth in poultry. A team from the Manhattan high school, coached by H. L. Kugler, was third in agricultural judging events.

Highest score in poultry judging was won by the Quinter Rural high school team, coached by James F.



This team from Ottawa captured highest honors in the agricultural division of the recent State High School Vocational Agriculture Judging Contest, held in Manhattan. Left to right, the team members are Robert Hull, Frederick Wood, Eldon Finch and C. O. Banta, coach.



Harold Ray, of Iola, topped a field of 46 entries to rank as state winner of the FFA Public Speaking contest.

83 teams matched skill in farm mechanics work. Sixty-four schools competed in the better chapter contest, and 46 talented young speakers vied for oratorical honors.

New president of the state FFA organization, elected during the 2-day event, is George Stetler, of Abilene. Other officers elected are: Leonard Sharp, Great Bend, vice-president; Keith Loyd, St. Francis, reporter; Merwin Gilmore, Osborne, secretary; Lavern Oltner, Olathe, treasurer; A. P. Davidson, Manhattan, executive adviser; and L. B. Pollom, Topeka, adviser.

Winner of the public speaking contest was Harold Ray, of Iola, who will represent Kansas in competition for national honors next fall. Ten schools received outstanding recognition in the better chapter contest. They are Newton, Great Bend, Highland Park, Chanute, Lebanon, Manhattan, Olathe, Shawnee Mission, Smith Center and Winfield.

Top honors in the agricultural judging events went to the team from Ottawa. Coached by C. O. Banta, this team was composed of Eldon Finch, Robert Hull and Frederick Wood. In addition to making the highest total score in agricultural contests, this team was first in animal husbandry, fourth in crops, and ninth in dairy judging.

Shea, while dairy judging honors went to a team from the Newton high school coached by R. M. Karns.

Merwin Gilmore, of Osborne, coached by E. F. Yoxall, was high individual of the entire agricultural judging division. Following close behind was Eldon Finch, of Ottawa, and Delbert Clark, Onaga.

Highest honors in farm mechanics went to the Downs high school. This team, composed of Miles Cooley and Lawrence Verbrugge, was coached by Charles Mantz.



Highest score in farm mechanics was made by the team from Downs. Left to right in the picture at left, they are: Miles Cooley, Charles Mantz, coach, and Lawrence Verbrugge.

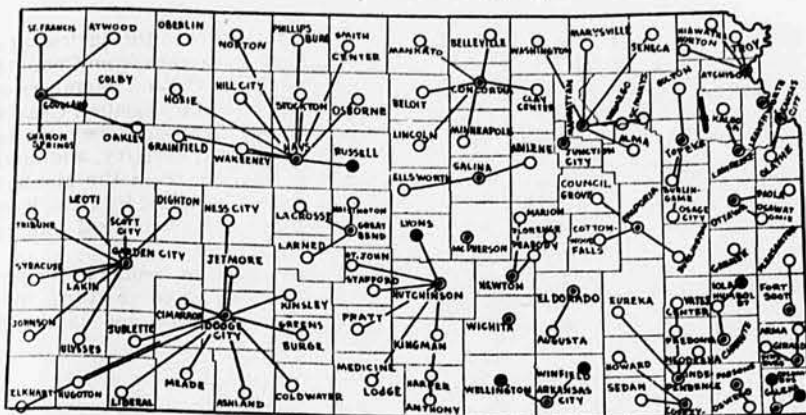
Members of the first prize team in crops judging, from Chanute, have a look at certificates and ribbons collected by their school in the state contest. Left to right: Joe Arthur; Charles Heaton, alternate; E. L. Collins, coach; Charles Tyler; and Phillip Cooper.





# Do You Need Help?

(Continued from Page 3)



Farmers expecting to need help, and workers in search of a job, are urged to register their needs with the nearest office of the Kansas State Employment Service. By consulting the above map, you can see what office is located nearest you. Permanent offices are open all week days, while part-time offices are open only at weekly or bi-weekly intervals.

expect to need help or if you will need a job, you are urged to register your needs with your local office of the Kansas State Employment Service. This service maintains at least one office in every Kansas county, and registration is absolutely free, both for employers and employees. Some of these are full-time offices and others are itinerant or part-time offices.

Word from the office of Charles B. Newell, executive director for the Kansas Division of Unemployment Compensation, explains there will be close co-operation between county agricultural agents and local offices of the State Employment Service, in handling the labor problem.

Your county agent can tell you where an Employment Service office in your county is located. He also has a schedule showing when the part-time or itinerant offices are open. In addition to this, all county agents in counties not having a full-time employment office have been provided with lists showing names of those who have registered as desiring farm work in your county, along with some description of their qualifications.

If the Kansas State Employment Service does not have a full-time office in your county you should contact your county agent regarding farm workers. New additions to the list will be sent to the county agent every 2 weeks.

You may wonder why it is so important that you register your needs for farm labor. An explanation comes from the office of Mr. Newell. The State Employment Service is taking steps to make labor available where needed and when needed. To do this it is necessary to have an accurate record of how much will be needed.

All colleges, junior colleges and high

schools have been contacted in a drive to secure the registration of all students interested in farm work. The WPA has agreed to discontinue its projects wherever the shortage of farm labor warrants such action.

W. C. Connor, state director of employment for the WPA in Kansas, explains that local sponsors of WPA projects in the various counties have been notified they may curtail or discontinue projects, wherever necessary, to relieve the farm labor situation. Mr. Connor explains that the decision in each case will be made by local sponsors in the counties, such as city and county commissioners, township boards, school boards and similar groups.

It is recommended to these officials that whenever there are jobs enough to utilize the WPA workers at prevailing wage rates, projects should be discontinued. All WPA workers are required to maintain active registration with their local Employment Service officers.

If recruits from schools and colleges, along with emergency labor from Kansas WPA projects do not satisfy the demand, additional help may be imported from other states. Possibilities of such action as a means of guarding against an acute labor problem at harvest time, are now being investigated.

At present, more than 66,800 people are registered in the files of the Kansas State Employment Service. At time of registration, each person desiring work is carefully interviewed by experienced interviewers with the Employment Service. Each applicant is then classified according to occupational experience and knowledge. When the service receives an order for workers, those in charge refer immediately

to the file which contains cards of those who are classified under the type of work which is called for in the order.

It is a gigantic organization which, at present, is giving special attention to an important farm problem. You can help the cause along by registering your needs for help or your desire to work. Remember, if you want work, register with the State Employment Service in your county. If you need help or expect to need it, see your county agent or call on your local office of the State Employment Service.

## Kansas Farm Calendar

May 17—Twenty-ninth Annual Kansas Cattle Feeders' Day, Kansas State College, Manhattan.

May 19—Foods and Nutrition, Leaders Training Meeting, Decatur county.

May 19—Farm Machinery Field Day, Montgomery county.

May 19—Claude R. Wickard, Secretary of Agriculture, speaks at open farm meeting, Hutchinson.

May 20—Neosho County Farm Machinery Demonstration, by John M. Ferguson, at S. T. Walkley Farm, Chanute.

May 20-21—First National Polled Short-horn Congress, Fair Grounds, Des Moines, Ia.

May 21—Chautauqua County Garden Tour.

May 21-22—Agronomy Field Days, Kansas State College, Manhattan.

May 23—A.C.P. Meeting in Lyon county.

May 26—Nemaha County Soils and Crops Tour.

May 27—Soils and Crops School, Sedgwick county.

May 27—District A.C.P. Meeting at Colby.

May 29—Labette County Farm Tour.

May 31—Wheat Marketing Quota Referendum.

June—Dairy Month.

June 2-7—State 4-H Club Round-Up, Kansas State College, Manhattan.

June 10—District Publicity Meeting, Troy.

June 12—Comanche County Wheat Field Day, B. H. Hewett Farm, Coldwater.

June 18—Garden Tour of Women's Unit Projects, Nemaha county.

Everyone is invited to send dates of public events of interest to farm people for the Kansas Farm Calendar. No charge is made for publishing.

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applied to windmills has created streamlined design which gets more power from lighter breezes. Thousands in use in all parts of country have proved superiority of

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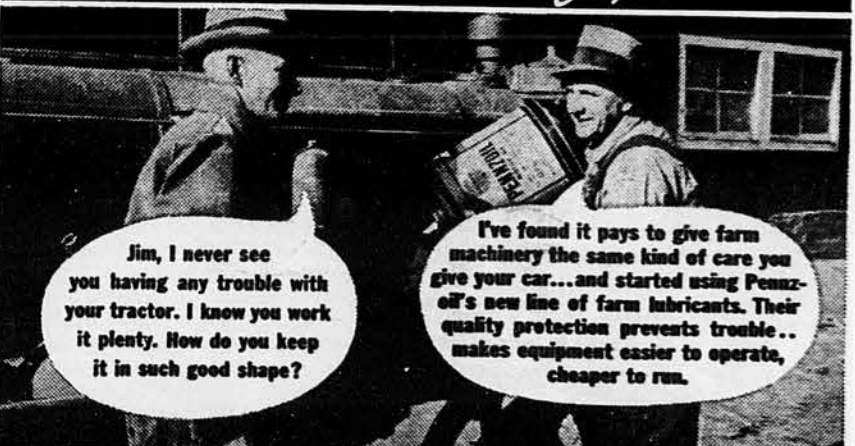
Tucks every feed. Saves foliage. Eliminates hay being graded as stemmy. Avoids scattering and litter. No threshing, cutting, mashing or shattering. Investigate new light model No. 18 for one and two plow tractors. Other models for any and all baling needs. Bear Cat Grinders and Fox Pick-Up Cutters.

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Jim, I never see you having any trouble with your tractor. I know you work it plenty. How do you keep it in such good shape?

I've found it pays to give farm machinery the same kind of care you give your car...and started using PennZoil's new line of farm lubricants. Their quality protection prevents trouble... makes equipment easier to operate, cheaper to run.

### New Farm Lubricants Enable You To Give Equipment Same Care You Give Your Car!

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- ★ PennZoil Diesel Oils—recommended for safe, clean lubrication of high-speed Diesels, and for more hours of trouble-free operation.
- ★ PennZoil Gear Lubricants—have excellent lubricating qualities. Will provide safe lubrication for expensive gears under all operating conditions.

PennZoil's 5-gal. utility can is handy for many uses around farm when empty.



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Packed with handy hints on the care and operation of tractors and farm machinery, "Tractors & Farm Machinery" will save you time, trouble and money. For a free copy, write The PennZoil Co., Oil City, Pa., Dept. E.

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Direction from above town: Miles..... N..... S..... E..... W.....

	No. MEN NEEDED	APPROXIMATE DATE NEEDED	LENGTH TIME WILL USE MEN	
General Farm Hands				Board & Room Furnished
				Yes..... No.....
Married Couples				Tenant House Furnished
				Yes..... No.....
Harvest Hands				Will you have sufficient housing for men needed
				Yes..... No.....
Tractor Operators				Make and Size Tractor
Combine Operators				
Truck Drivers				

Above is a copy of a post card mailed out to 36,000 farmers in Kansas. If you did not receive one, and will need farm workers, please cut out the above blank and mail it to Kansas Farmer, Topeka. It will be forwarded to the Employment Service. Doing this will help the Employment Service to know how much farm labor will be needed in different sections during the year.



## Goat Show June 30

The Kansas State Dairy Goat Show, and annual convention of Kansas Dairy Goat Society, Inc., will be held this year June 30, in the judging pavilion of Kansas State College, Manhattan. An educational program, including demonstration and exhibition of equipment, will be one of the features of the day. Plenty of free literature for those interested in the industry will be available and no admission charge is to be made.

W. H. Martin, of Kansas State College, will be in charge of milk sample scoring and Dr. A. O. Shaw will judge the show. Animals of 5 breeds whose ancestors were imported from France, England, and Switzerland will be seen at the show. These 5 breeds of animals are French Alpine, Nubian, Rock Alpine, Saanen and Toggenburg, and the

breeder of each animal can trace the pedigree to the imported stock. There will be on exhibit all ages of these small dairy animals which give from 4 to 8 quarts of milk daily.

One of the national registry societies will have a representative present and other guests and exhibitors are expected from Kansas, Nebraska, Missouri, Oklahoma, and Illinois. There will be classes for both bucks and does and for well-bred grade does as well as purebred animals.

All junior breeders, 4-H Club members and F. F. A. students are invited to participate in the stock judging contest. Those expecting to enter stock or milk samples, and those expecting to attend the breeders' luncheon or enter the judging contest, should write to Carl W. Romer, of Admire, president of the Kansas Dairy Goat Society.

On account of defense program activities in this territory, all those wishing overnight accommodations should also write to Mr. Romer.

This exhibition is made possible by the co-operation of Kansas State College, Manhattan Chamber of Commerce, and Kansas State Dairy Goat Society, Inc.



## Hastings GRAIN BIN

Official tests show air-circulation and temperature-control, as in the Hastings, are vital to safe grain storage. Hastings holds world record for long-time storage. Write! Hastings Equity Bin Co. Dept. K-11, Hastings, Nebr.

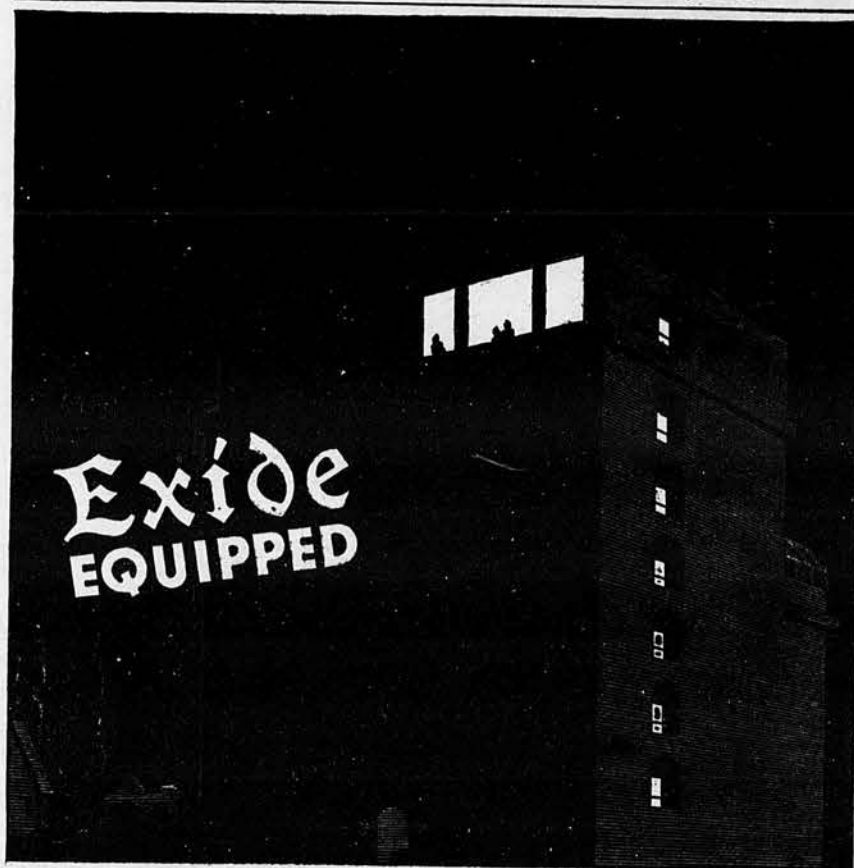
# PTZ FOR WORMS IN PIGS

**New**  
**phenothiazine**  
**worm treatment**  
—easy to give  
—effective

• PTZ Powder (phenothiazine) has been found to be effective against two types of worms in swine. It removes over 90% of the nodular worms and 60% of the common large roundworms. (Oil of Chenopodium has around 70% efficiency against large roundworms and does not remove nodular worms.) And, best of all, the higher the infestation, the better PTZ works.

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• PTZ Powder costs only a little more than 3 cents per pig. Get PTZ Powder from your Dr. Hess Dealer or write Dr. Hess & Clark, Inc., Ashland, Ohio.



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or tractor, you can be guided by the experience of hospitals and other large users. You know you will get your money's worth in Exide.

**THE ELECTRIC STORAGE BATTERY COMPANY, Philadelphia**  
The World's Largest Manufacturers of Storage Batteries for Every Purpose  
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## DOES LOW TEST-WEIGHT PENALIZE GOOD WHEAT?



Wheat problems of interest to Kansas farmers are studied by Dr. C. O. Swanson, in the department of milling industry at Kansas State College.

**Y**OU soon may be hearing more and more about test weights and their value in determining the price received for wheat which you sell. For some time there has been considerable discussion of the fact that some wheat varieties urged upon Kansas farmers as "good milling" wheats sell at lower prices because of low test weight.

This was the principal objection to a proposal introduced in the recent session of the Kansas legislature, for the purpose of limiting and registering wheat varieties. As the legislators rejected the idea of limiting varieties, they passed a resolution urging the Secretary of Agriculture of the United States to make an immediate study and revision of federal standards for wheat, to the end that farmers will be paid for their wheat more nearly on a basis of true value and quality.

Now, vital information of a similar nature comes from Doctor C. O. Swanson, of the Milling Department at Kansas State College, who has found that decreased test weight due to wetting does not decrease flour yields of the wheat. In a recent speech before the annual joint meeting of the Association of Operative Millers, at Manhattan, Doctor Swanson reported that decrease in test weight of wetted wheat influences only the yield of flour from a given volume of wheat, and not the yield from a given weight of wheat.

This is of particular significance to farmers because the price of wheat they sell is based on weight per volume, yet their wheat is measured in terms of weight only. Mr. Swanson's experiments were made with Turkey wheat. Some shocks were covered and others were left exposed to the weather. In a few trials, water was added to the threshed grain to provide additional weathering effects.

Lowest test-weight among the various samples was on wheat that had withstood the most exposure. Two such samples tested 55.1 and 55.8 pounds to the bushel, and both were classed as No. 5, sample grade hard red winter wheat. Yet these samples yielded virtually as much flour from 60 pounds of wheat as other samples testing as high as 60.4 pounds to the bushel and grading as high as No. 1, dark hard winter wheat.

If you talk to those familiar with grain markets they will tell you that wheat ranking as No. 5 sample grade would normally sell at least 10 cents a bushel lower than wheat grading No. 1 dark hard, although they may yield the same amount of flour if grade is determined by test weight that has been influenced by weathering.

Doctor Swanson hastens to explain that these experiments deal with test weight only from the standpoint of

wetting and weathering, and that test weight of your wheat may be affected by many other factors. But insofar as wetting is concerned, he points out that it decreases test weight merely by causing the wheat kernel to expand. The same materials still remain, Doctor Swanson explains, but there is more air space in the kernel and it takes more space. This explains why 60 pounds of this kind of wheat will yield just as much flour as other wheats, although the weight of a given volume is lower.

However, because of other factors affecting test weight, there are good reasons for test weight to remain as a consideration in determining wheat grades and prices. As explained by Dr. H. H. Laude, in the College Department of Agronomy, test weight of different wheat samples within the same variety usually varies according to the plumpness of kernels, unless that plumpness is caused by wetting and swelling. Under normal conditions this natural plumpness is a factor in the quality of the wheat and in the amount of flour it will yield, either by weight or by volume measure.

Because of this fact, there might be considerable confusion in market grading practices if radical changes were made in importance of test weight as a factor in determining grade and price of wheat. This problem would also be imminent in any attempt to alter the importance of test weight because of low-testing varieties, such as Tenmarq, which are in favor with milling interests.

Doctor Laude feels that to do justice to both farming and milling interests, plant breeders developing new wheat varieties must strive for varieties that combine high test-weights with good milling qualities. This, he reasons, is probably a more likely solution to the problem than that of making drastic changes in market grading systems to lessen the importance of test weight.

## Liquefied Fuel Gas

Many farmers evidently are considering the installation of propane, butane or related fuel systems, judging from the scores of orders recently received from readers for the bulletin on "Bottled Gas." This circular gives practical worthwhile information about the nature and use of liquefied gas, installation, equipment for storing. For a copy of this bulletin, please address Farm Service Editor, Kansas Farmer, Topeka. Price 5 cents.



TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$ .80	\$2.40	18.....	\$1.44	\$4.32
11.....	.88	2.64	19.....	1.52	4.56
12.....	.96	2.88	20.....	1.60	4.80
13.....	1.04	3.12	21.....	1.68	5.04
14.....	1.12	3.36	22.....	1.76	5.28
15.....	1.20	3.60	23.....	1.84	5.52
16.....	1.28	3.84	24.....	1.92	5.76
17.....	1.36	4.08	25.....	2.00	6.00

You will save time and correspondence by quoting selling prices in your classified advertisements.

# FARMERS MARKET

**RATES** 8 cents a word each insertion if ordered for 4 or more consecutive insertions, 8 cents a word each insertion on shorter order, or if copy does not appear in consecutive issue; 10 word minimum. Count abbreviations and initials as words and address as part of the advertisement. When display headings and white space are used, charges will be based on 50 cents an agate line, or \$7 per column inch; 5 line minimum; 2 columns by 168 lines maximum. No discount for repeated insertion. Heads and signature limited to 24 point openface type. No cuts allowed. Copy must reach Topeka by Saturday preceding date of issue.

**Note:** These rates not effective on Livestock. Write for Special Rate.

**REMITTANCE MUST ACCOMPANY YOUR ORDER**

**RELIABLE ADVERTISING**

We believe that all classified advertisements in this paper are reliable and we exercise the utmost care in accepting such advertising. However, as practically everything advertised has no fixed market value, we cannot guarantee satisfaction. In cases of honest dispute we will endeavor to bring about satisfactory adjustment, but our responsibility ends with such action.

**Publication Dates:** Every other Saturday.

**Forms close 10 days in advance.**

## BABY CHICKS

**We Lend Brooders—Chicks on Credit.** Roseco Hill's chicks offer you an outstanding profit-making investment this year. Improved breeding stock, hundreds of males from 200 to 311 egg ROP stock, all in our Leghorn, Barred and White Rock breeds—sexed chicks. Write for low prices—bargains—free catalog. Hill Hatchery, Box 14, Lincoln, Nebr.

**Coombs ROP Leghorns.** New low chick prices. 250-330 egg sired. Thousands chicks weekly. Hatching egg prices reduced. Real trapnest pedigree breeder. Share benefits, our progeny tested breeding program. High averages—livability, production, egg size. New, free catalog. Partial payment plan. Write today. Coombs and Son, Box 6, Sedgwick, Kan.

**Schlichtman Square Deal Chicks.** U. S. Approved, Pullorum tested. Prepaid per 100. Leghorns, Anconas, \$5.75; Rocks, Reds, Orpingtons, Wyandottes, Minorcas, \$6.00; Brahmas, \$7.00; Assorted, \$4.90; pedigree sired and sexed chicks. Free catalog explaining week replacement guaranteed. Schlichtman Hatchery, Appleton City, Mo.

**00c-\$1.00 Extra Profit Per Hen!** Amazing new improved balanced breeding with Triple "A" selection; 100% blood tested; Rocks. New free catalog just out gives details; 13 breeds. Sexed chicks. Assorted, \$5.50 up. Cockerels \$3.00. Write Smith Bros. Hatcheries, KF130 Cole St., Mexico, Mo.

**Booth's Hardy, Robust Chicks,** hatched to live. Booth's had more Rocks, Reds and Leghorns laying over 250 eggs in 1940 contests than any other breeder. Bargain prices. Free catalog. Booth Farms, Box 408, Clinton, Mo.

**Chicks—Bloodtested Flocks;** heavy breeds, Leghorns and Minorcas, Austra-Whites Leghorns, Legreds. Assorted not sexed \$5.00. Hybrid Cockerels \$3.75. Postpaid. Ivyvine Hatchery, Eskridge, Kan.

**Johnson's Triple Test Chicks.** Production bred. Rigidly culled and Kansas approved. Pullorum tested. Purebreds, hybrids, sexed chicks. Write for free circular. Johnson's Hatchery, 218 West First, Topeka, Kan.

**Invest in Hawk's Chicks for Complete Satisfaction.** Assorted, \$5.40 per hundred, prepaid for immediate shipments. Hawk Hatcheries, Atchison, Kansas.

**Get the Facts and You Will Save** by getting your chicks from El Dorado Hatchery, Box M, El Dorado Springs, Mo. Your name on a penny postal will bring you the facts.

## ANDALUSIANS

**Blue Andalusian Chicks.** Bloodtested. Good laying of white eggs. Eck Hatchery, Moundridge, Kansas.

## AUSTRA WHITES

**Austra-White chicks for profit.** More demand in community where introduced. More vigorous and fast growing. Also 3 other Hybrids. Prices reasonable. Prepaid. Eck Hatchery, Moundridge, Kan.

**Austra-Whites—From ROP sired Leghorns females.** U. S. Approved. Bloodtested. Satisfaction guaranteed. Let us tell you about our chicks. Upham Sunnyslope Hatchery, Junction City, Kan.

## GUINEAS—BANTAMS

**White African Guinea Eggs,** 20-\$1.00. Dark Cornish Bantam eggs 18-\$1.00. Hybrid Bantam eggs 18-50c. Sadia Melia, Bucklin, Kan.

## WHITE LEGHORN

**Triple Guaranteed Large White Leghorns;** Hanson's 300-egg trapnested, pedigree foundation stock. Missouri Approved AAA pullets \$10.95; nonsexed \$9.95; cockerels \$2.25 Postpaid. 100% delivery. Free catalog. Orner Farms, Clinton, Mo.

**White Leghorn chicks from large type matings** up to 289 eggs. Bloodtested. Prices reasonable. Prepaid. Live delivery guaranteed. Eck Hatchery, Moundridge, Kan.

## NEW HAMPSHIRE

**Famous Purebred, bloodtested, state inspected,** Missouri approved New Hampshire; guaranteed winter layers or money refunded. Feather quick as Leghorns, grow faster, and start laying as young—around four months. Circular free. New Hampshire Ranch, Carthage, Mo.

## WHITE ROCKS

**AAA Linebred Bloodtested big bodied layers** from U. S. Approved flocks, \$6.00. Pilot Grove Hatcheries, Pilot Grove, Mo.

**White Rock chicks from blue ribbon winners.** Heavy egg producers, thrifty and fast growing. Prices reasonable. Prepaid. Eck Hatchery, Moundridge, Kan.

## RHODE ISLAND REDS

**S. C. Red Chicks from early feathering, trapnest** matings. Bloodtested. Prepaid. Prices reasonable for high quality. Eck Hatchery, Moundridge, Kan.

## RHODE ISLAND WHITES

**Carter's Champion Whites** won New York Show 1941. "The Business Breed of Today." U.S. Approved US Pullorum Tested. Catalog. R. C. Carter II, Box 67-KF, Waihalla, S. C.

## TURKEYS

**Broad Breasted Turkey Poults** that live, grow, mature early and top the market. Feight Turkey Hatchery, Clyde, Kan.

## TURKEY EGGS

**Bronze Turkey Eggs.** Standard Markings with good wide breasts. Shelton Strain. 15c each. Mrs. Homer Alkire, Belleville, Kansas.

## POULTRY—MISCELLANEOUS

**Peafowl, Pheasants, Bantams, Waterfowl, thirty** varieties. Pigeons. Stock, eggs. John Hass, Bettendorf, Iowa.

## BABY CHICKS

### Save --- Order Direct

100% arrival. Losses first 10 days replaced 1/4 price. Sexed chicks guaranteed 90% true. Prepaid for cash.

Prices per 100—	Unsexed	Pullets	Males
White, Brown and Bf. Leghorns.....	\$6.75	\$13.00	\$3.40
White, Barred and Bf. Rocks, White, Black and Bf. Minorcas, S. C. Reds, White Wyandottes, Buff Orp. Anconas, R. I. White and Leg Rocks.....	7.00	9.45	8.00
New Hampshire Reds, White and Black Giants, Black Australorp, and Lt. Brahmas.....	8.00	8.00	9.50
Heavy Assorted.....	6.40	8.00	7.40
Assorted all breeds.....	5.40	8.30	3.90

Grade AA 1c per chick extra. Grade AAA 2c per chick extra.

**BROOKFIELD CHICKERIES, BOX 124K, BROOKFIELD, MISSOURI**

## Long Distance Layers R.O.P. Sired 200 egg and up 30 Day Replacement Guarantee

**Prices Start at \$2.50**

Bloodtested, brooder tested, progeny tested. Three Star and AAA Tru-Value chicks, sexed or straight at lowest prices good chicks can sell for. Flock improvement by licensed A.P.A. Inspector and Kansas Pullorum Tested. Super-size Eng. type 500 egg bred Wh. Leg; Br. Leg; Reds; New Ham; Bar. Wh. Bf. Rocks; Wh. Wyand; S. L. Wyand; R. I. White; Austra-White; Bf. Orp; Wh. Bf. Min; Anconas; Wh. Giant. Price list and Progress in Poultry Culture Free.

**THE POTTER HATCHERIES, BOX 163, CHANUTE, KANSAS**

## WHITE LEGHORNS

200-315 Pedigreed, Sired Pullets	Baby Pullets	4 Weeks Old PULLETS	Cockerels
	\$10.00 per 100	\$18.00 per 100	\$1.75 per 100

Free Catalog Box 12-E

**RICE LEGHORN FARM Green Ridge, Mo.**

**MONIEMAKER AUSTRA WHITE HYBRIDS**

Do You Want to Make More Money? Choose Sunflower Vitalized Chicks for 1941. 12 varieties. Pullets or cockerels. 75,000 weekly at \$2.95 up. Circular free.

**SUNFLOWER HATCHERY, BRONSON, KAN.**

## POULTRY PRODUCTS WANTED

**Eggs, Broilers, Hens Wanted. Coops loaned free.** The Copes, Topeka.

## OIL FILTERS

**RECLAIMO OIL FILTER**

The original and only truly heated oil filter. Sold and guaranteed by reliable implement dealers, garages. Six successful seasons.

## RECLAIMO SALES

**Elgin = Nebraska**

**Shur-Kleen Oil Filter-Refiners give best results** in filtering and refining oil. Superior method of applying heat removes dilution more efficiently. For all motors. Free literature. Kolman Mfg. Company, Elgin, Nebr.

## PHOTO FINISHING

**Free Booklet:** "How to take better pictures"—easy to get—just clip this ad and send us a trial roll with 25c in coin. Your booklet, developed negatives and eight deckle-edge, dated Ray-tones prints, together with a coupon entitling you to enlargements will come postpaid by return mail. Money back guarantee. Ray's Photo Service, Dept. 19-CB, LaCrosse, Wis.

**Free—One Roll Developed and Printed Free.** Just to get acquainted, we will beautifully develop and print your first 6 to 16 exposure roll Free plus 5x7 inch enlargement Free, also sensational, new folding folio to frame your prints, all free with this ad. (Enclosing 10c for handling and mailing appreciated.) Dean Studios, Dept. 1031, Omaha, Nebraska.

**Rolls Developed—Two beautiful double weight** Professional enlargements, 8 Never Fade deckle edge prints, 25c. Century Photo Service, LaCrosse, Wis.

**15c Develops & Prints 6-8 exposure roll, or 2** prints each and enlargement coupon 25c. 20 reprints 25c. Prompt. Anderson Studio, Hutchinson, Kan.

**Rolls Developed, two prints each and two free** enlargement coupons, 25c; reprints 2c each; 100 or more, 1c. Summers Studio, Unionville, Mo.

**Get Acquainted Offer:** Roll developed, 2 prints each good negative (limit 16 prints) 15c and this ad. Star Photo, Box 149, Denver, Colorado.

**Enlargement Free, eight brilliant border prints** and your roll developed 25c. Camera Company, Oklahoma City, Oklahoma.

**Album With Roll Developed and 16 prints 25c.** Guaranteed reprints 1 1/2c. Pioneer Photos, Hutchinson, Kan.

**Roll, developed, printed, 15c. Reprints 1c.** Howards, 833 Roscoe, Chicago.

**BROOKFIELD CHICKS**

250-320 Egg

**FREE FEEDER**

With every order of 100 chicks or more one Feeder will be mailed you free of charge upon receipt of your order.

**Listen Friends**

Grandmother says everybody will make a profit on poultry in 1941. Why not send me your address today for Grandmother's Chick Circular? She has **DEPENDABLE CHICKS** to sell at reasonable prices—both day old and started.

**LITTLE JOHN RUPP Box 150 Ottawa, Kan.**

## SEED

Prices quoted in these ads are assumed to be F. O. B. unless otherwise stated.

## KANSAS CERTIFIED SEED

Field Inspected and Laboratory Tested. Be Safe—Plant Certified Seed.

**Forage Sorghums:** Atlas, Kansas Orange, Early Sumac, Leoti Red.

**Grain Sorghums:** Colby, Finney, and Wheatland Milo; Blackhull, Pink, and Club kafir.

**Sudan Grass, Brome Grass, Linota Flax.** Corn U. S. 13, U. S. 35, Reid, Pride of Saline, Midland, Popcorn: Supergold.

**Soybeans:** Hongkong and A. K. Alfalfa: Kansas Common.

Write for list of growers.

## The Kansas Crop Improvement Association

**Manhattan, Kansas**

**Kansas Alfalfa \$8.40; Oklahoma Alfalfa \$7.50;** White or Yellow Sweet Clover \$3.30; German Millet \$1.50; Sudan Grass \$1.70; Hybrid Corn \$3.50; Atlas Sargo \$1.10; Cow Peas \$2.00; Cane \$1.25; Flax \$2.00; All per bushel. Complete price list, samples and catalog upon request. Standard Seed Company, 19 East 5th Street, Kansas City, Mo.

**Acorn Brand Tested Seeds.** Club Kafir, Colby Milo, Sudan, Kansas Orange, Sumac and Sourless Cane. African Millet, German Millet and all field seeds. Write for price list. Established 1884. The Ross Seed Co., 411 E. Douglas Ave., Wichita, Kansas.

**Certified Atlas \$2.95; certified Kansas Orange \$4.95; affidavit Atlas, Kansas Orange, Sumac and Sourless \$1.95. All cwt. Sudan \$3.50. All good germination.** Dan Eltzen, Hillsboro, Kan.

**Certified Sudan—Cheapest source of protection** against Prussic acid poisoning. Purity 99.16%, germination 91%. V. A. Unruh, Pawnee Rock, Kan.

**Pure Certified Seeds.** High germination; varieties Leoti Red, Early Sumac, Sudan Grass, Colby Milo. Berryman Brothers, Ashland, Kan.

**For Sale:** Certified Kansas orange cane. A grower of certified Kansas orange for 21 years. J. H. Stants, Abilene, Kan.

**Kansas Certified Hays Golden Corn, germination 98%, \$2.25 per bushel** fob. Prather Brothers, Longton, Kan. (Elk County.)

**Certified Leoti Red Cane.** Germination 87, purity 99.72, \$3.50 per hundred. Kermit Hayes, Geneseo, Kan.

**Certified Club Kafir, Hongkong Soybeans, Hybrid corn.** Harold Staadt Seed Farm, Ottawa, Kan.

## FLOWERS

**Dahlia Special—15 mixed \$1.00; 12 giant labeled \$1.00; 100 Glads \$1.00; 15 mixed Chrysanthemums \$1.00; 15 Delphiniums \$1.00.** Catalog. Clarksburg Dahlia Gardens, Clarksburg, Indiana.

**15 Mixed Geraniums \$1.00; 12 different colors \$60c; 4 different Begonias 25c; 12 Giant Fan-sies 25c.** E. Atkinson, Bigelow, Kansas.

## EDUCATIONAL

**Business Training!** Learn Gregg Shorthand, Typewriting, Bookkeeping, Business English, Salesmanship and other important subjects. New plan. Low cost. Easy terms. Diploma. Home study for resident training (state preference). Students taking resident training may work for board and room. Thousands of successful graduates everywhere. Write for free catalog giving age, occupation and education. The Commercial Extension, School of Commerce, Dept. 14, Omaha, Nebr.

## AUCTION SCHOOLS

**\$100 Day Auctioneering.** Term soon, free catalog. Relsch Auction School, Austin, Minn.

## PLANTS—NURSERY STOCK

Prices quoted in these ads are assumed to be F. O. B. unless otherwise stated.

**Plant Sale Special Offer.** Hundreds of Millions. Any size wanted. Openfield, Row-cultivated, tough, stalky wellrooted. All varieties Tomato, Cabbage, Onions, Peppers, Cauliflower, Broccoli, Collards. Mixed anyway wanted. 400-50c; 1,100-\$1.00; 5,000-\$4.00; 10,000-\$7.50. Postpaid anywhere. We are over-stocked and these plants have got to sell. Roots mossed, wrapped in paper. Shipped daily in new plant containers. Thousands satisfied customers tell us our plants and prompt delivery is the best. Satisfaction Guaranteed. Orval Moore and Son, Whitesboro, Texas.

**Certified, Improved, Portorico, Redvelvet, Yellow Yams plants,** all varieties. Pepper, Sweet Pimento and hot. All varieties Cabbage, Tomatoes, Cauliflower, Broccoli, Celery, Collards, Brussels sprouts, Onions, Beets, Dill, Head Lettuce, Field grown. 300-50c; 1000-\$1.00; 1000-\$1.25; 500-\$1.50. Prepaid. Mixed as wanted. Moss packed and labeled. Guaranteed to reach you in good condition. Prompt shipment, full count. We ship good plants from April to July. No order too big. Cooperative Plant Co., Whitesboro, Texas.

**Vegetable Plants—Large, stalky, well rooted,** hand selected, roots mossed. Tomatoes—Earlana, John Baer, Marglobe, Bonny Best, Stone, Early Jewel, 300 50c; 500 75c; 1000 \$1.35; 2000 \$2.50. Cabbage—all varieties, 300 50c; 500 75c; 1000 \$1.25. Onions—Bermudas, Sweet Spanish, 500 60c; 1000 \$1.00. Pepper—Sweet, Hot, 100 40c; 300 \$1.00; 500 \$1.25. Potato plants—300 \$1.00; 500 \$1.25; 1000 \$1.75. All Postpaid. Satisfaction guaranteed. Culver Plant Farms, Mt. Pleasant, Texas.

**Plant Assortment—200 certified frostproof Cabbage, 200 Onions, 200 Tomatoes, 25 Pepper, 25 Cauliflower, or Eggplants, Broccoli, Brussels sprouts, all \$1.00 postpaid. Mixed as wanted, 200-50c; 500-\$1.00; 1,000-\$1.50 postpaid. Express collect 5,000-\$5.00. Large hand selected. Mosspacked. Prompt shipment. Satisfaction Guaranteed. Jacksonville Plant Co., Jacksonville, Texas.**

**Sweet Potato Plants.** Northern grown. Prices prepaid. Yellow Jersey, Red Jersey, Nancy Hall, Red Bermuda, Yellow Bermuda, California Golden, Southern Queen, Yellow Yam, Black Spanish, Big Stem and Vineless Yam: 100-50c; 300-\$1.00; 500-\$1.50; 1000-\$2.50; 5000-\$10.00. Shipments daily. Roots well packed. Rolle Clemence Truck Farm, Abilene, Kan. Phone 37-F-03.

**Certified, Frost-Proof Cabbage and Onion Plants.** Cabbage, All Varieties, Parcel Post Prepaid, 200, 65c; 500, \$1.00; 1,000, \$1.75; Express collect 2,500, \$2.00. Onion, All Varieties, Parcel Post Prepaid, 500, 60c; 1,000, \$1.00; Express collect 6,000, \$2.00. Prompt shipment, safe arrival satisfaction guaranteed. Catalog free. Union Plant Company, Texarkana, Arkansas.

**Sweet Potato Plants (Soonerland Brand).** Certified each shipment to contain only plants grown from government inspected, best quality seed. Porto Rican Jersey, Red Bermuda, Nancy Hall, 500-75c; 1000-\$1.25; 5000-\$5.25. Tough field grown. Prompt shipment, extra count. Dealers wanted. Thomas Sweet Potato Plant, Thomas, Okla.

**Send No Money. Pay Postman.** Certified Frost-proof Cabbage, Onions, Tomatoes, Pepper, Sweet Potatoes, Eggplants. Any variety. Moss packed. Mixed as wanted. 550-75c; 700-\$1.00; 1000-\$1.25; 5000-\$5.00. Transplanted Cabbage, Tomatoes, Pepper, Eggplants, 100-\$1.00; 500-\$3.00. Dixie Plant Farm, Troup, Texas.

**Millions Nancy Hall and Porto Rican potato plants.** 500-60c; 1,000-\$1.00; 5,000 or more, 90c thousand. Treated to prevent disease. Tough, well rooted, open grown plants. Prompt shipment. Farmers Plant Co., Gleason, Tenn.

**Certified Plants, Postpaid.** Improved Porto Rico, Red Velvet Potato, Cabbage and Tomato. Assorted if wanted: 500-85c; 1000-\$1.50; 2500-\$3.50. Satisfaction guaranteed. Thos. F. Reid, Russellville, Ark.

**Certified Sweet Potato Plants; Red Velvet, Porto Rico; Nancy Hall, Yellow Jersey, Pumpkin Yam, 500-85c; 1,000-\$1.40. Lots \$1.25, 10,000 prepaid.** Fred Perry, Harris, Arkansas.

**Certified Potato plants, Nancy Hall, Porto Rico, Red Velvet, 1,000-\$1.50; 3,000-\$4.25. Tomato plants, 300-65c; 500-90c; 1,000-\$1.40. Prepaid. A. O. Bowden, Russellville, Ark.**

**Millions Treated, Nancy Hall, Porto Rican Potato plants, 1,000-\$1.00; 5,000-\$4.75; 10,000-\$9.00.** Prompt shipment. Lewis Plant Farm, Gleason, Tenn.

**Millions treated Potato Plants: Nancy Hall, Porto Rican, prepaid Parcel post 1,000-\$1.35. Express \$1.20.** Charley McGill, Gleason, Tennessee.

**Prepaid Certified Nancy Halls or Porto Rican, roots wrapped, over count.** Prompt shipment 500-\$1.00; 1,000-\$1.75; 5,000-\$7.50. Richardson Plant Co., Murray, Ky.

**Sweet Potato Plants—Treated.** Yellow Jerseys, Nancy Hall, Bigstem, and Speaker. 500-\$1.25; 1,000-\$2.25. Postpaid. Peter Simon, R8, North Topeka, Kansas.

**Sweet Potato: Yellow, Reid, Bigstem, Jersey Halls, Bermudas, Portoricos, 250-\$1.00; 1,000-\$3.50. Postpaid.** Prompt. Walter Eckley, Tekamah, Nebraska.

**Certified Sweet Potato Plants, Nancy Hall, Porto Rico, Yellow Jersey, 200-60c; 500-\$1.25 Postpaid.** Arlie Woodard, Donkola, Illinois.

**Nancy Hall and Porto Rican, 1,000-\$1.10; 2,000-\$2.20; 5,000-\$5.00; 10,000-\$10.00.** Prompt Delivery. J. C. Dillinger, Gleason, Tenn.

**Tomato Plants—98c per 1,000.** All varieties now ready. Quick express shipments. Farmers Plant Co., Tifton, Ga.

**Best Quality Nancy Hall or Porto Rican Potato plants.** 75c-1,000. Cash with order. Rushing & Son, Gleason, Tenn.

## FEATHERS

**Feathers Wanted:** We pay the following prices: White Goose 95c; Grey Goose 85c; White Duck 67c; Colored Duck 57c; Quilly Goose and Duck at discount. No used feathers wanted. Remittance promptly. Progress Feather Company, 657 W. Lake, Chicago.

**Highest Cash Prices Paid** for new Goose-Duck feathers. Remittance paid promptly. West Chicago Feather Co., 3415 Cermack Road, Chicago, Ills.

## TOBACCO

**Kentucky's Special—Guaranteed best mild smoking** or red chewing, 12 pounds \$1.00. Recipe, favoring free. Valley Farms, Murray, Ky.

**May 31**

**Will Be Our Next Issue**

Ads for the Farmers Market Pages must be in our hands by 10:00 a. m.

**Monday, May 26**



## Harvester Chains

Buy from a Specialist—Save the Dealer's Profit. Roller Chains—Steel Chains—Malleable Iron Chains. Write us for our low prices—Save up to 40%. Send us Number on Chain and Length required.

J. H. TURNER

2021 Bennett Ave. Dallas, Texas

50% More Value from feed. 3-Way Gehl makes grass silage, cuts hay into mow, fills silo with corn. Turns green hay into valuable feed regardless of weather—no curing. Home grown corn meal, phosphoric acid or molasses automatically added. Automatic Molasses Pump. The Gehl saves time, storage space. Reduces feeding waste. Send for Free Booklet. Gehl Bros. Mfg. Co., 834 Water Street, West Bend, Wis.

Get Into a Safe, Sure, Profitable year-round business with the Ford's Portable Hammermill and exclusive molasses feed impregnator. Operators make regular weekly net earnings, \$50, \$75, \$100 and more. Equipment may be purchased 25% down, balance from earnings. Write for particulars. Myers-Sherman Co., 1414 12th. Streator, Illinois.

We Have a Lot of Used, Rebuilt, shopworn tractors, combines, plows, cultivators, harrows, hay tools, grain drills, engines, grinders, potato machinery, light plants, motors. What do you need? Send for free bargain list. Green Brothers, Lawrence, Kan.

Used Tractors, 2 Case CC with motor lift; 1 John Deere Model D; 1 rebuilt Case CC with power lift and cultivator; two slightly used Case combines, C-10 motor lift, A-6 power take off combine. Converse & Sons, Eskridge, Kan.

Used No. 7 John Deere Combine on rubber in excellent condition; used 22 inch Racine separator in good condition; 28 inch Rumely in fair to good condition. Dixon Hardware and Implement Co., Junction City, Kansas.

Latest Type 28x46 Allis-Chalmers Separator. Long feeder, 4 plow, Allis-Chalmers Tractor Complete with belts. One 12-ft. Minneapolis-Moline Model B Combine. Schiesser Implements, Eskridge, Kansas.

Richman's Machinery—Poorman's Price. Hammermills \$37.50 up. Also grain blowers, steel bins. Get particulars. Link Mfg. Co., Fargo, North Dakota.

Combine Owners—Greatest Rasp bargain for Rasp and Spike Tooth Cylinders. Ausherman Mfg. Co., 200 S. Wichita, Wichita, Kansas.

For Sale: Used John Deere No. 7 Gleaner-Baldwin and International combine. Cheap. Write Mark Jacobsen, McCool Junction, Nebraska.

New D-2 Caterpillar tractor, late model, 40 inch gauge top seat. Dixon Hardware and Implement Co., Junction City, Kansas.

Sacrificing 6 Gleaner-Baldwin used combines, account wheat failure here. Auburn Machine Works, Auburn, Nebraska.

Massey-Harris combine used two years, bargain, account husband's death. Mrs. Wallin, 1304 G. Lincoln, Nebraska.

One Minneapolis 12-ft. combine, like new, cut less than 500 acres. Cobb Motor Company, Wilson, Kan.

For Sale: 28-50 Hart-Parr tractor, four cylinder, excellent condition. Luznicki Bros., Irving, Kansas.

Used 15 and 20-Foot combines for sale. Also tractors and other farm machinery. B. J. Herd, Coldwater, Kan.

Gleaner, Baldwin, Minneapolis-Moline combines, rebuilt. Thompson Brothers, Minneapolis, Kan.

For Sale—28 inch Rumely Separator \$125.00. Ready to go. E. A. Hladky, Emmett, Kansas.

Used Baldwin Combines for sale. Shaw Motor Company, Grainfield, Kansas.

For Sale: 28-inch Avery steel thresher. Paul Hearting, Halstead, Kansas.

### MACHINERY WANTED

Wanted—Nearly new Case 32-in. thresher. Good condition. Venner Lear, Bern, Kansas.

### TRACTOR PARTS

Write for Free, Big 1941 tractor parts catalog. all makes. Tremendous savings, satisfaction guaranteed. Central Tractor Wrecking Company, Boone, Iowa.

Used Tractor Parts for Most All Makes. Lowest prices, quality guaranteed. Free 1941 catalog. Acme Tractor Salvage Company, Lincoln, Neb.

New and Used Tractor Parts at lowest possible prices. Write for free 1941 catalog. Reliable Tractor Parts Co., Hastings, Neb.

Save on Tractor Parts. Write for New 1941 Catalog. Tractor Parts Co., 1925 McGee, Kansas City, Mo.

New and Used Tractor Parts at a saving. Tractor blocks rebored. Tractor Salvage Co., Salina, Kan.

### DOGS

Puppies: Shepherds, Collies. For watch and stock. Reasonable. E. N. Zimmerman, Flanagan, Ill.

Rat Terrier Pups. Bred for ratting. Satisfaction guaranteed. Crusaders Kennels, Stafford, Kansas.

### LIVESTOCK REMEDIES

Abortion Protection one calfhood vaccination. Government licensed vaccine; money back guarantee. Free literature. Farmers Vaccine Supply Company, Department P, Kansas City, Mo.

### PHOSPHATE

Wanted: Farmers to use Ruhm's Phosphate; best, cheapest source of phosphorus everybody needs so badly. Write D. W. Emmons, McCune, Kan. for full information, or Ruhm Phosphate Co., Mt. Pleasant, Tenn.

### BUSINESS OPPORTUNITIES

For Sale or Trade: Brick Garage and Store Building located on main highway 30 miles from Denver. Original cost of construction \$35,000. Incumbence \$3,000. Will trade for improved farm. H. D. Hoskins, 509 17th Street, Denver, Colorado.

### PERSONALS

Maternity. Seclusion Hospital for unmarried girls. Write 4911 East 27th, Kansas City, Mo.

### PATENTS AND INVENTIONS

Patents, Booklet and Advice Free. Watson E. Coleman, Patent Lawyer, 724 9th St., Washington, D. C.

## SECURITY IN LAND

130 Acres, Shawnee County. Excellently located 13 miles from Topeka, on Hwy. 24. Well improved, good 6-room bungalow, very good barn, chicken house, garage, and other buildings. Small family Orchard and Vineyard, 25 A. Alfalfa, 50 A. Wheat, 15 A. Oats, 40 A. Corn. Rent share to go with farm if sold at once \$2,000 Cash. Balance long-time loan if desired.

Write for list of typical bargains in Eastern Kansas Farms. Specify County.

H. A. Longtin, Box 375, Emporia, Kan.

## Stock Farm

320 acres, 10 miles from Parsons on rock road, 143 acres cultivated, 122 acres native hay, bal. pasture. House, 2 barns, and other buildings. \$1250 down and \$532.98 annually pays interest and principal.

The Union Central Life Ins. Co. 412 C. B. & L. Bldg. Topeka, Kansas

## Attention—Tenant Farmers

I have two improved 80-acre farms in Wilson County, Kansas. These farms are for sale on payments like rent.

IMMEDIATE POSSESSION. These farms are well located and ready to move into. About half grass and half farm land.

Only a small down payment and \$125.00 per year will pay both interest and principal. I also have others on similar terms. WHY RENT?

Geo. H. Cowgill, 518 W. 2nd, Chanute, Kan.

### LAND—MISCELLANEOUS

## FEDERAL LAND BANK

Farms for sale in Kansas, Oklahoma, Colorado and New Mexico. See National Farm Loan Association in your county or write direct. Give location preferred.

More New Farm Land. Washington, Minnesota, Montana, Idaho, Oregon, North Dakota. Dependable crops, favorable climate. Write for literature list of typical bargains. Specify state. J. W. Haw, 81 Northern Pacific Ry., St. Paul, Minn.

### REAL ESTATE SERVICES

Wanted to hear from owner of farm or unimproved land for sale. Wm. Hawley, Baldwin, Wisc.

### SPARROW TRAPS

Sparrow Trap that does the work. A customer writes, "A few weeks ago I sent for your sparrow trap plans, made one and it works fine." They are easily to build. Send 10c for plans. Sparrowman, 1715A Lane, Topeka, Kansas.

### MEDICAL

Free Book—to Piles, Fistula, Stomach and Colon sufferers. 122 pages, illustrated. Latest institutional methods. Write today. McCleary Clinic, E 2540 Elms Blvd., Excelsior Springs, Mo.

### WOOLEN GOODS

Wool Batting, mattress pads, comforters. Quilts custom made. Wool batts recarded. Catalog free. Middlebury Woolen Mills, Middlebury, Ind.

### SALESMEN WANTED

Wanted—Ambitious Hustlers. Sell Rawleigh products. Needed every home. Easily sold. Pleasant work. Should make good earnings at start and increase rapidly. We teach you how. Rawleigh's Dept. E-50-KFM, Freeport, Ill.

### MISCELLANEOUS

Free: Brand New Catalog selected, bargain-priced items. Unique, interesting, helpful. Necessities, specialties, gift suggestions. Save money. Rush postcard for your copy today. Llanerch Shop, 5353 Wales Avenue, Llanerch, Penna.

Traps for Catching Pocket Gophers. (Sure catch). Circular free. Renken Trap Co., Crete, Neb.

## Watch Potato Tests

Kaw Valley potato growers will be watching test plots at Topeka, Lawrence and Bonner Springs this year for information on improved varieties, culture and resistance to soil disease. These plots are to be grown by Scott Kelsey, of Topeka; Emil Heck, of Lawrence; Brune Brothers, of Lawrence; and L. P. Kindred, of Bonner Springs.

These 4 plots, totaling about 40 acres, carry experiments of primary interest to potato growers in determining fertilizer treatment of potatoes, the proper kind and the amount to the acre when used on irrigated and non-irrigated land. The 4 plots are irrigated with the exception of the Heck farm at Lawrence. Three different rates of application of the fertilizer are used with 5 types of fertilizer.

Testing varieties is another experiment being carried on at the same time. Of the potato varieties, Irish Cobbler, the most important valley potato, will be planted on about 75 per cent of the acreage in Kansas this year, and Triumph on about 20 per cent. Remaining plantings will include other varieties. Warba and Red Warba which may have definite commercial

possibilities are important varieties in the experimental state.

Soil Scurf is one of the potato diseases on which specialists are trying to determine cause and control. It is believed the disease originates from the type of soil used. In order to solve the disease mystery, seed has been obtained from several farms and planted on Sweet clover and alfalfa land. In this way, the potato experts hope to compare the potatoes with those originally grown on the land where they got the seed. Besides attempting to determine the cause of the Soil Scurf, the horticulturists at the same time hope to gain valuable seed information from the experiments.

## Kansas Hog Tops

A Kansas bred hog ranked first in the 1940 individual Hampshire brood sow production contest, while a Sunflower state herd won the silver trophy for first place in the Hampshire herd production contest, according to the National Registry at Peoria, Ill.

The Hampshire sow, Sunflower Rose, raised a litter of 13 pigs to an all-time record 56-day weaning time weight of 590.5 pounds to win the gold medal in the individual production contest. This sow, bred by Kennedy Brothers, Pleasanton, Kan., and qualified as Registry of Merit Sow No. 4 for the United States by Mrs. Verne Kennedy, was sold last summer to Firman Carswell, Kansas City, Kan.

For the highest producing herd of 10 or more Hampshire brood sows, first honors went to Ethyledale Farm, Emporia, Kan., owned by Dale Scheel. Every sow in this herd was production tested and at the 56-day weaning time their litters averaged 281.93 pounds each. The average herd of hogs in the United States averages 167.75 pounds at the same age.

## Pageant for Children

A pageant is an excellent feature for the Children's Day program, because it gives almost all the children of the community a chance to take part. Our pageant, "Children of America," is planned to be as flexible as possible, so that it will fit any existing situation. Some of the scenes may be omitted if the pageant is too long. Speaking parts have been cut to a minimum, so that it will be easy to stage the pageant without elaborate preparation and rehearsal. This pageant is suitable for any number of children. Costumes may be devised from materials found in most homes. If you wish this leaflet, send your request with 3 cents to cover mailing costs, to Leila Lee, Kansas Farmer, Topeka.

## Capper Publications, Inc., Bonds

A prospectus issued by Capper Publications, Inc., offers the readers of Kansas Farmer the following:

—\$5,000,000.00—

- (1) First Mortgage 5½ Per Cent Bonds payable in ten years.
- (2) First Mortgage Five per cent Bonds payable in five years.
- (3) First Mortgage 4½ Per Cent Bonds payable in one year.
- (4) First Mortgage Four Per cent Certificates payable in six months.

The bonds are issued in demoninations of \$100, \$500 and \$1,000, and the certificates are issued in demoninations of \$50, \$100 and \$500. The present sale price of any of these bonds or certificates is par without premium or other cost.

This announcement is neither an offer to sell, nor a solicitation of offers to buy any of these securities. The offering is made only by the prospectus, copies of which may be obtained by writing to Capper Publications, Inc., Topeka, Kansas. Such requests will be answered promptly.—Adv.

## IN THE FIELD



Jesse R. Johnson  
Topeka, Kansas

C. B. CALLAWAY, of Fairbury, Nebr., writes that the Nebraska Milking Shorthorn breeders will hold their annual show and picnic at Seward, Nebr., June 9. Kansas breeders are invited.

GERALD JENKINS, Guernsey breeder located at Wichita, is retaining his heifers but letting his bull calves go, selling part interest in them individually or the entire animal, as the buyer desires. Bourdale Rex and Langwater Valor breeding predominate. Mr. Jenkins has a small herd of high-producing cows.

R. R. WALKER AND SON, Shorthorn breeders of Osborne, attach much importance to the matter of health in their breeding operations. The herd has recently passed 2 clean tests for Bang's. The firm believes this increases the demand for breeding stock. The highest-priced female in the North Central Kansas sale held at Beloit last fall came from the Walker herd.

Brookside Mapperton 78th, owned by PAUL FARNEY, Abbeville, was grand champion of the South Central Kansas Milking Shorthorn show held at Lyons May 9. Retnuh Dairymaid, owned by Joe Hunter, of Retnuh Farms, Geneseo, was grand champion cow. Every junior championship for females went to females bred by Retnuh Farms, of which Joe and Hobart Hunter and Dwight Alexander are proprietors.

ISAAC RIFFEL AND SONS, of Woodbine, and his sons, Harry and Manuel, of Hope, report excellent results from advertising recently carried in Kansas Farmer. They say, "Thanks for the advertising; we are almost entirely sold out of Polled Hereford bulls which we advertised in Kansas Farmer and there is still a good demand." The Riffel family have large, strong herds of registered Polled Herefords.

C. E. McCURE, Hampshire breeder of Republic, writes that he has 175 spring pigs to date, many of them sired by Fancy Clipper. The litters are exceptional for size and uniformity. Mr. McCure says, "We did the right thing by keeping Fancy Clipper for our own use." Mr. McCure has one of the strong herds of the entire country. Breeding stock from his herd has gone to many states.

Wednesday, May 21, will be ABERDEEN ANGUS day at Hutchinson. On that date the MID-KANSAS ABERDEEN ANGUS BREEDERS' ASSOCIATION will hold their annual sale at the fair grounds. Thirteen leading herds of Kansas have consignments, and care has been taken both by the consignors and management in making selections for this sale. Quality and breeding will be matched and the offering will meet the expectations of discriminating buyers.

O'BRYAN RANCH, located at Hiattville in Bourbon county, is now the home of the great herd of registered Hampshire hogs formerly owned by E. C. Quigley. This purchase included herd sires of note, famous as prize-winners, and sows descended for many of the greatest families of the breed. The ranch now has a fine lot of young stock on hand, and it invites inspection from our readers who are interested in better quality and better-bred Hampshires.

E. O. RASMUSSEN HEREFORD SALE, held at Frankfort, April 24, was well attended by a large crowd of Kansas buyers. The entire offering of 63 head sold for \$6,538. Fifteen bulls averaged \$118.50, and 48 females almost \$100. The cattle sold in their everyday clothes, but were fairly well appreciated, especially cows with calves at foot. Many new buyers were present. Mr. Rasmussen had bred every animal that sold except the herd bull, all of them descendants of 2 or 3 cows.

One of the Guernsey herds of Kansas is located at Sabetha. KEITH VAN HORN, the owner, established this herd a few years ago by the purchase of 1 registered cow and a couple of grades. From the 1 cow he now has 3 daughters and 4 granddaughters in production, and 6 open heifers. He has his third bull from the Skyline Dairy, located at Lincoln, Nebr. The Van Horn Guernsey herd average more than 400 lbs. of fat for the year of 1940. The bull now in service is from a dam with 6 D. H. I. A. yearly herd averages of 500 lbs. fat.

I recently inspected the great young polled Hereford bull, Mischief Domino 4th, in service in the FRED W. LAMB AND SONS HERD, at Macksville, in Stafford county. He has grown deeper in body and smoother during the past year and weighs a ton and 70 pounds. This bull is not only an outstanding bull as an individual but is proving himself as a sire of cattle, the kind the trade demands. The Lambs invite inspection of the bull and herd in general. The 1,200-acre ranch is located on the Rattlesnake river in Southern Stafford county.

Frank Madden, Salina, topped the C-K RANCH HEREFORD SALE on April 21, paying \$1,175 for Advance Brod Domino. Real Prince D. 32nd was the second top, going to J. H. Clawson, of Texas, at \$675. A top of \$250 was made twice on females, one going to Bea Mar Farm, Washington Court House, Ohio, and the other one to J. H. Clawson, of Texas. Sixty-four head sold for a general average of \$260. The bull average was \$280, and the average on females was \$210. About 850 buyers and visitors were in attendance. As usual, Kansas buyers took the bulk of the offering. The cattle were nicely conditioned but not fat. The local demand was especially good.

I know of no breeder who takes more time in making up his mind where to go for a herd bull and is harder to satisfy than EARLE CLEMMONS, of Waldo. The slightest flaw invariably kills a sale. So when looking forward to a visit one instinctively feels that he will like the bull that Mr. Clemmons has selected. The bull selected to follow Ashbourne Browndale was Missouri Supreme, a son of Sni-A-Bar Dreadnaught, by Prentice; with a dam carrying the blood of Marshall Joffre, Challenger Cumberland Gift, and other great sires of the breed. Deep red and low set, Mr. Clemmons picked him to nick just right with the females sired by the good bulls that had preceded him to the farm. That the selection was justified is proved by the great lot



## MILKING SHORTHORN CATTLE

## Iowa Milking Shorthorn Sale

MASON CITY, IOWA

SATURDAY, JUNE 14

50 Cows . . . 10 Bull Calves

Minnesota Sale June 13, Mankato, Minn., 100 miles away.

Attend both sales on one trip. Free catalog from

Roy A. Cook, Sale Manager  
Independence, Iowa

## POLLED MILKING SHORTHORNS

## Craig Offers Milking Shorthorns

For sale—a proved cow to freshen July 7. Also calves sired by Cornview Choice.  
MAX CRAIG, ADMIRE, KAN.

## POLLED SHORTHORN CATTLE

## Banburys' Polled Shorthorns

HERD ESTABLISHED 1907  
J. C. BANBURY & SONS  
PLEVNA (Reno County) KANSAS

## SHORTHORN CATTLE

DOLES HORNED AND POLLED SHORTHORNS  
Old established herds. Good bloodlines. Cows, bulls and heifers. Visit our herds. W. W. & A. J. DOLE, CANTON (McPherson Co.), KAN.

## For Sale Registered Shorthorns

Cows, heifers and yearling bulls. Of the best breed type.  
J. J. THORNE, KINSLEY, KAN.

## POLAND CHINA HOGS

## Poland China Boars &amp; Gilts

Fall Boars and Gilts sired by D's Pathway Jr., 1st Sr. Yr. Kansas State Fair. Spring-farrowed Boars and Gilts sired by 5 prominent and well-known herd boars. Bred sows after May 1.  
W. A. DAVIDSON & SON, SIMPSON, KANSAS

## Better Feeding Polands

Short-legged, wide-backed, quick-maturing kind. Spring pigs, either sex.  
F. E. WITTUM & SON, CALDWELL, KAN.

## DUROC JERSEY HOGS

## Duroc Boars and Gilts

by Golden Fancy. Registered, immune. Mature early at 6 months to 300 pounds.  
BEN HOOK & SONS, SILVER LAKE, KANSAS40 SHORT THICK DUROC BOARS  
All sizes. Stout built, short-legged, easy-feeding type. Registered immune, shipped on approval. Photos, prices, on request. 35 years a breeder.  
W. R. HUSTON, AMERICUS, (In Eastern) KansasBOARS, SERVICEABLE AND WEANLINGS  
One outstanding 12 mo. old. Booking orders for gilts and sows for fall farrow. Top quality and breeding. Write for prices and descriptions.  
G. M. Shepherd, Lyons, Kansas

## HAMPSHIRE HOGS

## McCLURE'S HAMPSHIRE

A few good fall boars by Rough Diamond. Top spring pigs, gilts and boars by Fancy Clipper (model of today's meat type). Vaccinated and ready to go.  
C. E. McCLURE, REPUBLIC, KAN.

## Entire Quigley Herd Reg.

Hampshire hogs now on our farm. We offer for sale choice fall and spring hogs, gilts, sows and pigs.  
O'Bryan Ranch, Hattville (Bourbon Co.), Kan.

## AUCTIONEERS AND SALES MANAGERS

## BERT POWELL

AUCTIONEER  
LIVESTOCK AND REAL ESTATE  
1531 Plaza Avenue  
Topeka, Kan.

## AYRSHIRE CATTLE

## AYRSHIRE DAIRY CATTLE

Fastest Growing Dairy Breed  
Write for literature or names of breeders with stock for sale.  
AYRSHIRE BREEDERS' ASSOCIATION  
260 Center St., Brandon, Vt.

## DAIRY CATTLE

## FANCY DAIRY HEIFERS

"FREE" Guernsey, Holstein, Jersey or Shorthorn bull with order of five \$12 heifers. Sent on approval.  
SHAWNEE DAIRY CATTLE CO., Dallas, Tex.

## GUERNSEY CATTLE

## Choice Guernsey Heifer Calves

Four choice month-old high-grade Guernsey Heifer Calves. Express prepaid. \$90. C.O.D.  
LOOKOUT FARM, LAKE GENEVA, WIS.

## GUERNSEY BULL CALVES

A line-bred Foremost; a Langwater; and a Butterfat. Prefer to retain interest in each one, but will sell outright if desired.  
Gerald Jenkins, R. 2, Wichita, Kan.

## Rathbun Offers Guernseys

For sale, a choice selection of registered Guernsey cows and heifers. D. H. I. A. records. Good quality and breeding.  
J. N. RATHBUN, Holsington, Kan.

## GUERNSEY BULLS OFFERED

We have some very good young bulls for sale out of sons of Bourneville Rex and from cows with official records. We would like to buy a few good registered females.  
Lester Combs, Secy., Sun Farms, Parsons, Kan.

of red heifers and young bulls now on the farm. The Clemmons herd was founded about 20 years ago and the foundation cows are of Shallenberger, Sen-A-Bar and Tomson breeding. Calves from grade herds in the territory and on the farms where Clemmons bulls have been used prove the value of good blood. Mr. Clemmons buys these calves from year to year and now has 50 on hand from his own herd and herds of the locality that are splendid examples of Shorthorn feeding quality. A visit to the Kembern Shorthorn Farm will prove profitable and enjoyable.

About the last and best opportunity to buy registered Holsteins at auction this spring will be MRS. E. P. MILLER'S DISPERSAL, to be held at Junction City, Thursday, May 22. The entire herd sells and with them choice consignments from the good herds of H. J. MEIERKORD, HENRY HATESAHL, and G. STANBROUGH, 3 leading breeders of Washington county. Also several head from the good herd of HARVEY BROTHERS, Ogden. The attraction of the sale will be 20 fresh cows now milking from 40 to 75 pounds of milk daily, herd sires ready for service, and bull calves for those willing to wait while a high-class calf grows into maturity. For catalog of this sale write at once to G. R. Appleman, Linn.

STANDARD AYRSHIRE HERD, located at Tulsa, Okla., will be dispersed on Wednesday, May 28. A. W. Petersen, of Oconomowoc, Wis., has consented to manage the sale of this good offering. The herd, now in a high state of production, is the result of a dozen years of careful sire selection and with a proper understanding of how to mingle the best in bloodlines. Mr. Petersen, a thoro and careful judge of dairy type, recommends this offering which, to the writer means much. The Penshurst and Auchenbraun lines of breeding as seen in the pedigrees are reasons for believing in the offering. Still another reason, and one of equal merit, is herd test of 4.2 per cent. Mr. Petersen states that the cattle are broke to halter, and the mature cows have partial or complete D. H. I. A. records. Mr. Petersen calls attention to advancing prices, which, he says, is another good reason for buying now. For catalog write A. W. Petersen, and mention Kansas Farmer.

On his well-appointed stock farm extending along Calvary creek near Coldwater, W. P. MORTON is breeding registered Hereford cattle suited to improve herds where new blood is needed. In service in the herd is the bull Sparatan G., bred by the late S. S. Spangler, of Hutchinson. The cow herd has responded well to the matings with this bull as shown by 3 calf crops. Fifteen or 20 daughters have been reserved for breeding cows. The demand for all kinds of breeding stock has been unusually good, and sales have been made frequently. Only a few young bulls are left in the pens. The foundation cows were sired by Domino Boy. Almost 100 head are on creep feed. Formerly 150 to 250 hogs were grown and marketed. The place is unusually well equipped for swine growing, and more attention will probably be given to hogs in the near future. The Morton farm is situated on a few acres are irrigated, and as high as \$1,100 worth of vegetables have been sold in a single year.

One of the newer breeders of registered Milking Shorthorns, who has shown unusual skill in making foundation selection, is G. E. ROBERTS, who lives a few miles northeast of Pratt. With good judgment for a beginner, he has brought together one of the best small groups of cows to be seen in any herd in his part of the state. The herd includes well-bred cows with level udders from such herds as Bigwood and Reece, and Mischler and Son. One of the top females purchased in the Lawrence Strickler dispersal is a daughter of Walgrove Lewis and out of one of the great breeding Strickler cows. The Mischler red cow has already produced enough fat and milk in 6 months to guarantee a place in the R. M. class. She is a daughter of Pencord Cardinal Imp., and her dam is rich in the blood of old General Clay. In the herd is Otis Chieftain and Glenside breeding. The herd bull, Bandmaster Baron Lad, is a son of Walgrove Lewis and out of a polled cow, said to be one of the really high-producing cows of her time. The herd is on D. H. I. A., and satisfactory records are being made.

With unabated enthusiasm, BIGWOOD AND REECE, Pratt, continue with their program of breeding better registered Milking Shorthorns. This program calls for better herd sires whenever changes are made. The most recent purchase was the bull calf, Walgrove Noble Conquest, purchased for the firm by Bill Hardy at the Walgrove dispersal. This calf has now grown into one of the best red, young, straight bulls in the entire territory. His dam has a first calf record of 11,836 lbs. of milk and 444 lbs. of butterfat. His sire has something like 25 Register of Merit daughters to his credit. This bull follows Fairacres Jerry, the dam of which had 11,565 lbs. milk and 488 lbs. fat. These bulls are making good on cows carrying the blood of such sires as Otis Chieftain, Imp. Pencord Cardinal, and Woodlyn Bates, mixed with plenty of Clay blood. The herd is on D. H. I. A. test, and records up to 300 lbs. of fat with ordinary care and feeding are being made. A 19-year-old, purchased from the late Warren Hunter, has dropped 5 bulls for her present owners, that have been sold for \$500. Two heifers and her last calf, born last December, are priced at \$100. The cow is still in the herd and has been rebred.

J. J. Moxley acted as official judge of the LINCOLN COUNTY HEREFORD SHOW. The following persons had their entries selected to be represented in the county show herd: Junior bull calf, Lewis Williams; senior bull calf, Lewis Williams; summer yearling bull, Lewis Williams; junior yearling bull, Jim Wright; junior heifer calf, H. H. Blair; senior heifer calf, Jim Wright; summer yearling heifer, Ethel Wright; junior yearling heifer, H. H. Blair. In addition to the winners of these different age classes, the breeders are permitted to select an exhibit of an additional 2 animals of any of these ages to fill out a 10-head group. For these additional two selected, Mr. Moxley selected the second-prize junior yearling bull owned by Ed Larson, and the second-prize junior yearling heifer owned by Jim Wright.

Sixty head of registered cattle were assembled for this show, which made a pleasing demonstration for anyone interested in quality beef even though the cattle were in their so-called "working clothes." In addition to this, Everett Sigle, of the Wide Awake 4-H Club, and Eldon Thayer, of the Elks 4-H Club, exhibited their baby beeves, both for the purpose of training the calf as well as the calf's exhibitor. The animal characteristics judging contest sponsored by the Hereford breeders during the noon hour was received with considerable interest by those attending the show. It was won by Lella Heller,

## KANSAS FARMER

## Publication Dates, 1941

May	3-17-31
June	14-28
July	12-26
August	9-23
September	6-20
October	4-18
November	1-15-29
December	13-27

## Advertising

To insure being run in any issue, copy should be in our office one week in advance of any date given above.

of Hunter, who was awarded a cash prize of \$1.50. Second and third prizes were \$1 and 50 cents, and were won by Sheldon Baird and Marvin Wilson, both of Hunter. Sixty head of cattle were shown.

## Public Sales of Livestock

## Hereford Cattle

May 31—Bone Stock Farms, Parker, S. D.  
November 12—Morris County Hereford Breeders, Council Grove.

## Aberdeen Angus Cattle

May 21—Mid-Kansas Aberdeen Angus Breeders' Association sale at Hutchinson. George Hetzel, Kinsley, secretary.

## Ayrshire Cattle

May 28—Standard Ayrshire herd, Tulsa, Oklahoma. Sales Mgr., A. W. Petersen, Oconomowoc, Wis.

## Shorthorn Cattle

October 11—Bellows Brothers, Maryville, Mo.

## Polled Shorthorn Cattle

May 22—National Polled Shorthorn Sale, Des Moines, Ia.

## Guernsey Cattle

September 25—Southeast Kansas Guernsey Breeders' Association, Parsons, Lester Combs, Secretary, Parsons.

## Jersey Cattle

October 6—Rotherwood Jersey Farm, Hutchinson.

## Holstein Cattle

May 22—Mrs. E. P. Miller Dispersal, Junction City, G. R. Appleman, Linn, manager.  
October 15—Jake Zarnowski Holstein Dispersal Sale, Newton.  
October 21—Kansas Midwest Holstein-Friesian Breeders' Sale, Herington.

## Recharged in a Jiffy

A new, rapid-rate battery charger that revitalizes batteries while motorists wait is being installed in many of the retail store and dealer outlets of The Firestone Tire and Rubber Co. The new unit, which is equipped with automatic controls to assure proper recharging, can revitalize a run-down battery in 20 to 80 minutes.

Problems of exchanging a discharged battery for a rental while the slow-charging units build up the battery, and of exchanging the rental for the recharged battery a day or so later, no longer need bother motorists. With the rapid-rate battery charger, a run-down battery now can be charged while the customer has his car serviced.

## HEREFORD CATTLE

## Walnut Valley Hereford Ranch

Bulls 10 to 18 months old. Grandsons of Hazard Rupert 25th, Bocaldo Tone 19th, and a son of Hazard Rupert 25th. Females of the same age and breeding.  
LEON A. WAITE & SONS, WINFIELD, KAN.

## CHOLERA DANGER

## Serious Threat This Spring; Increased Outbreaks Have Been Reported

Every farmer should be doubly watchful against hog cholera this spring. In three years, outbreaks have increased nearly 40%. The virus is widespread, and spreading more.

For safety, spring pigs should be vaccinated with serum and virus as early as possible, preferably around weaning time. In dealing with cholera, vaccination is the ONLY protection. It strikes so swiftly, spreads so rapidly, that your entire herd may be wiped out, unless your hogs have been immunized well in advance.

But be sure to have the vaccinating done by a Veterinarian. Taking chances with amateur vaccinating methods is too risky, especially when skilled Veterinary vaccination costs so little, and the added safety is worth so much more. Call your Veterinarian; have your pigs protected NOW, before cholera reaches your neighborhood.

## Associated Serum Producers, Inc.

## GRAIN BINS

Bird, rat, fire, stormproof. Bargain prices on best ventilated bin. Less than 10% shrinkage. 500-bushel, \$78.95, 1,000-bushel, \$115.50. Binder twine, bale ties, mower and binder parts and canvases. Free farm supply catalogue.



Western Merc. Co., 1609 Liberty, K. C., Mo.

## HOLSTEIN CATTLE

## Thonyma Holsteins

Our May offering is a grandson of the All-Time All-American 3-year-old, Man-O-War Progressor. He was born Feb. 1. The calf's dam classified "Very Good" as a 4-year-old. She made 430 lbs. fat at 2 yrs. and 437 lbs. fat as a 3-year-old. She is sired by a show bull with an index of 506 lbs. fat. All records on 2-times-a-day milking. Write for pedigree and pictures.

REED'S FARM DAIRY, LYONS, KAN.

## BE SURE OF A PROFIT

Buy your registered Holstein bull from our high-producing, officially classified, Tb. accredited and Bang's-free herd.  
FOR SALE: BULLS—Several good type, well-bred yearling and younger bulls. Some from dams with records up to 795 lbs. B. F. 1940 herd average was 501.6 lbs. B. F. on 52 head. Our prices will interest you and our type, breeding and production will impress you. Farm in Northwest Missouri, 18 miles S. E. of Maryville and 1 mile off Highway No. 4. Write JOSEPH GEMMEKE, Mgr., Clyde Hill Farm, Clyde (Nodaway Co.), Mo.

## HOLSTEIN BULL FOR SALE

Duke Ormsby, by Segis Alcartra. 20 months old and registered. Good breeding and records.  
CORNELIUS A. LADY, R. 1, ABILENE, KAN.

## DRESSLER'S RECORD HOLSTEINS

Cows in herd are daughters and granddaughters of the state's highest butterfat record cow, Carmen Pearl Veeman, 1,018 lbs. fat. Bulls for sale.  
H. A. Dressler, Lebo, Kan.

## ANGUS CATTLE

## Dalebanks Aberdeen Angus Farm

Choice young bulls, best of breeding and type, from a herd whose bulls consistently top the best markets. E. L. Barrier, Eureka, Kan.

Mrs. E. P. Miller's

## Holstein Dispersal Sale

Southeast Corner of

Junction City, Kansas, Thursday, May 22, 1941

40 REGISTERED HOLSTEINS 40

Consignments from H. J. Meierkord, Linn, Kansas; Henry Hatesahl, Greenleaf, Kansas; Harvey Brothers, Ogden, Kansas; and G. Stanbrough, of Washington, Kansas.

20 Fresh Cows milking from 40 to 75 lbs. a day. Herd sires—ready for service and small calves. Also some good farm machinery.

Health Certificates Furnished. Write for Catalog to:

G. R. APPLEMAN, Sales Manager, LINN, KANSAS

Auctioneers: McCulloch and Powell

Jesse R. Johnson, Fieldman

## ONE BIG DAY OF OPPORTUNITY IN REGISTERED AYRSHIRES—135 HEAD

## The STANDARD AYRSHIRE DISPERSAL

Tuberculin and Blood Tested

★★★

At Standard Dairy Farm  
5 Miles East of

Tulsa, Okla.,

Starting at 10:00 a. m.

Wed., May 28

Unusual opportunity to secure quantity lots of quality Ayrshires for foundation purposes!

## 135 REGISTERED AYRSHIRES—

Founded in 1929 with several important purchases of foundation females from leading eastern herds, and through use of popularly-bred show and production sires, the STANDARD herd will be completely dispersed in this sale. Complete or partial D. H. I. A. records on milking animals prove the herd test better than 4.2%. Pedigrees show herd rich in Lessnessock, Penshurst and Auchenbraun bloodlines. Most of adult females dehorned and all animals trained to lead at halter.

Many cows recently fresh and milking flush; a large number due for summer and early fall freshening. Many animals of real show merit, including males and females of all ages.

Prices are advancing. Make May 28th YOUR OPPORTUNITY DAY in registered Ayrshires!

For Catalog or Other Information Address—  
A. W. PETERSEN, Sale Mgr., OCONOMOWOC, WIS.  
Auctioneers: Robert Seitz, Bert Powell, Roy Paul



MAY 16 1941

Things are looking up for Western Slope fruit growers—thanks to modern transportation and distribution methods they're getting more of their crops to market than in the old days. One interesting new development is the bulk shipment of fruit which Mr. Goess explained to me like this: "For the last few years," he said, "all this area has been selling part of its fresh fruit crop, except cherries, to truckers who haul it in bulk to midwestern and southwestern states — as much as 15 tons to the load. These truckers usually leave here in the evening. The night trip through the Rocky Mountains chills the fruit, and at dawn the next morning the truckers pull a heavy canvas over their load. This keeps the fruit chilled and firm until it reaches the end of its journey — which is sometimes a thousand miles away from here"

ON COLORADO'S WESTERN SLOPE  
I CHECKED WITH A

# HIGH ELEVATION FRUIT GROWER

I sat with Al Goess and Mrs. Goess on their front porch of a summer evening and we were exactly 6180 feet above sea level. Spread out before us was the North Fork of the Gunnison Valley, beautiful with far-reaching fruit orchards. Across the valley loomed Grand Mesa, tallest flat top mountain in the world; behind us was Mount Lamborn. "This is high elevation farm country," Al Goess remarked. I could see it really is.

Back in 1900 when he graduated from Columbia University Al Goess had other plans in mind than being a farmer. He came to Colorado because of serious illness. Slowly regaining his health, he preached one year, then turned to teaching. But fate had a different job in store for him.

Mrs. Goess, whom he married in 1905, had inherited 20 acres of bare sage land in Delta County, near Paonia, their present home. While Al Goess taught school he hired a few acres of fruit planted on this place and worked there in his spare time. He liked the work so well that one day he decided to turn farmer himself. Gradually he built up his orchards, bought more land, planted more fruit. Today he raises some of the best fruit on the western Colorado slope and he is a well-known farm leader. Mr. Goess is a former vice-president of the Colorado State Farmers Union, president of the North Fork Public Irrigation District, a director of the Colorado State Chamber of Commerce. I think you'll enjoy his story.



Disking and irrigating are two important jobs on the ranch, here being done by Jay Hall, the Goess hired hand. Goess plants a heavy cover crop of vetch, sweet clover and alfalfa in the spring and disks it under in midsummer. The whole ranch is kept under ditch water irrigation. Goess prunes his trees systematically, thins the fruit for quality, and adds commercial fertilizer as he finds it is needed



A Safeway Farm  
Reporter Interview of  
interest to Kansas  
Farmers



I took these pictures of Mrs. Goess and the comfortable family home which overlooks the North Fork of the Gunnison Valley. Mrs. Goess made me feel right at home while I was visiting at this high elevation fruit ranch



Mr. Goess (shown here loading boxed apricots) and one hired man do all the work on his 55-acre ranch except at harvest. Average fruit production yearly runs around 14 tons of cherries, 50 tons of apricots, 200 tons of peaches. Fruit operations start about the first week in July, with cherries, and wind up late in September with freestone peaches. Mr. Goess has his own packing shed on the ranch and believes in packing only number one fruit. All his fruit is sold fresh. Packed fruit is shipped through the Union Fruit Company, a farm cooperative of which Mr. Goess is one of the charter members

"LOOKING BACK now I'm mighty glad my early illness turned me into a Colorado farmer," Al Goess told me. "I like the Western Slope country—and I like the progress we farmers are making in this section.

"Working in local and state affairs I've met lots of farm leaders and swapped views with them. Naturally, Safeway and the other food chains come in for much discussion, and I find they're making new friends all the time.

"Every little while you hear how the chains have moved big quantities of some crop that is in oversupply — and thereby supported the market. They buy constantly at fair market prices, then distribute direct so they can offer a money-saving to consumers. I say the farmers of the country can be glad that chain stores like Safeway are on the job nowadays. They've shown that they sincerely want to help us."

THE SAFEWAY FARM REPORTER